

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020321\
 Data File : VN065699.D
 Acq On : 3 Feb 2021 14:27
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:33:17 AM

Quant Time: Feb 03 14:46:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:25:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.148	128	29576	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	165555	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	148844	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	60880	32.31	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	107.70%	
60) 4-Bromofluorobenzene	12.373	95	72796	31.64	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	105.47%	
63) Toluene-d8	10.058	98	213383	32.09	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	106.97%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	276207	182.57	ug/l	94
3) Chloromethane	2.036	50	401204	206.53	ug/l	99
4) Vinyl Chloride	2.168	62	398286	189.61	ug/l	98
5) Bromomethane	2.528	94	240506	167.63	ug/l	100
6) Chloroethane	2.672	64	228173	171.74	ug/l	97
7) Trichlorofluoromethane	2.991	101	406185	153.14	ug/l	98
8) Diethyl Ether	3.380	74	188143	171.14	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.717	101	250989	158.71	ug/l	91
10) 1,1-Dichloroethene	3.695	96	266726	163.16	ug/l	92
11) Methyl Iodide	3.907	142	389348	154.04	ug/l	98
12) Methyl Acetate	4.283	43	313685	188.40	ug/l	96
13) Acrolein	3.569	56	229460	833.31	ug/l	98
14) Acrylonitrile	4.936	53	732744	975.07	ug/l	99
15) Acetone	3.782	58	186712	786.31	ug/l	82
16) Carbon Disulfide	4.004	76	844881	201.22	ug/l	98
17) Allyl chloride	4.274	41	516654	209.87	ug/l	92
18) Methylene Chloride	4.499	84	309562	172.24	ug/l	94
19) trans-1,2-Dichloroethene	4.987	96	289424	173.71	ug/l	91
20) Diisopropyl ether	5.910	45	996597	194.66	ug/l	89
21) 1,1-Dichloroethane	5.798	63	558984	186.49	ug/l	98
22) cis-1,2-Dichloroethene	6.778	96	338438	174.67	ug/l	95
23) tert-Butyl Alcohol	4.769	59	257539	1061.11	ug/l #	100
24) Methyl tert-Butyl Ether	4.997	73	895043	181.94	ug/l	97
25) Chloroform	7.328	83	513856	170.10	ug/l	98
26) Cyclohexane	7.611	56	527606	203.30	ug/l #	90
29) 1,1-Dichloropropene	7.749	75	422299	176.05	ug/l	97
30) 2-Butanone	6.794	43	916469	925.81	ug/l	96
31) 2,2-Dichloropropane	6.775	77	434679	174.93	ug/l	100
32) 1,1,1-Trichloroethane	7.527	97	412755	156.44	ug/l	98
33) Carbon Tetrachloride	7.733	117	350645	152.06	ug/l	100
34) Benzene	8.000	78	1291348	175.15	ug/l #	89
35) Methacrylonitrile	7.126	41	204106	204.92	ug/l	95
36) 1,2-Dichloroethane	8.084	62	387815	162.95	ug/l	98
37) Trichloroethene	8.801	130	316447	149.41	ug/l	90
38) Methylcyclohexane	9.045	83	499151	178.04	ug/l	95
39) 1,2-Dichloropropane	9.084	63	354940	183.99	ug/l	99
40) Dibromomethane	9.174	93	200250	159.75	ug/l	83
41) Bromodichloromethane	9.370	83	411387	167.96	ug/l	98
42) Vinyl Acetate	5.846	43	4084487	953.63	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020321\
 Data File : VN065699.D
 Acq On : 3 Feb 2021 14:27
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

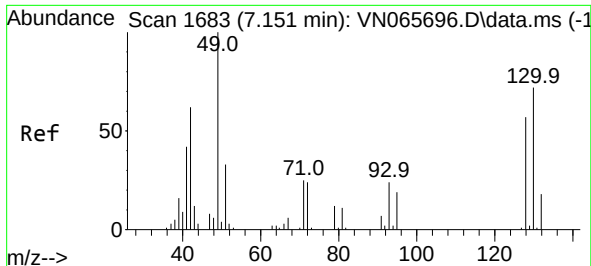
Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:33:17 AM

Quant Time: Feb 03 14:46:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:25:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.888	43	390234	186.09	ug/l	97
44) Isopropyl Acetate	8.129	43	674103	191.78	ug/l	98
45) 1,4-Dioxane	9.174	88	113532	4327.80	ug/l	92
46) Methyl methacrylate	9.164	41	324042	188.12	ug/l	95
47) n-amyl Acetate	12.042	43	592428	196.50	ug/l	95
48) t-1,3-Dichloropropene	10.351	75	496265	179.55	ug/l	97
49) cis-1,3-Dichloropropene	9.807	75	557827	183.39	ug/l	98
50) 1,1,2-Trichloroethane	10.531	97	293830	160.41	ug/l	96
51) Ethyl methacrylate	10.399	69	485079	183.47	ug/l	97
52) 1,3-Dichloropropane	10.675	76	525352	170.26	ug/l	100
53) Dibromochloromethane	10.871	129	308900	154.03	ug/l	100
54) 1,2-Dibromoethane	10.974	107	301375	155.14	ug/l	99
55) 2-Chloroethyl vinyl ether	9.662	63	1113490	936.83	ug/l	96
56) Bromoform	12.096	173	198351	130.27	ug/l #	96
58) 4-Methyl-2-Pentanone	9.952	43	1885856	918.94	ug/l	98
59) 2-Hexanone	10.720	43	1374831	926.02	ug/l	98
61) Tetrachloroethene	10.598	164	294451	128.67	ug/l	92
62) Toluene	10.122	91	1344242	170.54	ug/l	100
64) Chlorobenzene	11.402	112	806733	160.23	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.479	131	281168	150.56	ug/l	97
66) Ethyl Benzene	11.482	91	1466765	170.43	ug/l	99
67) m/p-Xylenes	11.592	106	1097027	328.68	ug/l	98
68) o-Xylene	11.916	106	526766	162.93	ug/l	97
69) Styrene	11.932	104	888649	166.16	ug/l	98
70) Isopropylbenzene	12.219	105	1364108	161.97	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.476	83	408024	169.23	ug/l	99
72) 1,2,3-Trichloropropane	12.524	75	375776m	161.54	ug/l	
73) Bromobenzene	12.495	156	311019	134.63	ug/l	71
74) n-propylbenzene	12.563	91	1608379	169.95	ug/l	96
75) 2-Chlorotoluene	12.643	91	949589	165.82	ug/l	93
76) 1,3,5-Trimethylbenzene	12.704	105	1154258	160.92	ug/l	98
77) t-1,4-Dichloro-2-butene	12.270	75	165243	199.77	ug/l	90
78) 4-Chlorotoluene	12.743	91	987233	171.60	ug/l	94
79) tert-butylbenzene	12.965	119	946084	154.17	ug/l	97
80) 1,2,4-Trimethylbenzene	13.010	105	1170766	164.05	ug/l	98
81) sec-Butylbenzene	13.141	105	1278277	160.22	ug/l	96
82) p-Isopropyltoluene	13.260	119	1162111	157.18	ug/l	98
83) 1,3-Dichlorobenzene	13.254	146	570831	147.52	ug/l	96
84) 1,4-Dichlorobenzene	13.334	146	571761	150.83	ug/l	97
85) n-Butylbenzene	13.585	91	1046682	175.82	ug/l	97
86) Hexachloroethane	13.846	117	207111	168.31	ug/l	72
87) 1,2-Dichlorobenzene	13.624	146	568857	148.82	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.238	75	86416	195.59	ug/l #	79
89) 1,2,4-Trichlorobenzene	14.878	180	346065	173.08	ug/l	97
90) Hexachlorobutadiene	14.977	225	129493	102.01	ug/l	98
91) Naphthalene	15.100	128	1140474	220.39	ug/l	100
92) 1,2,3-Trichlorobenzene	15.280	180	344878	174.79	ug/l	98

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



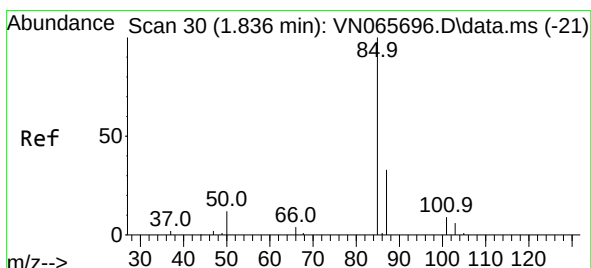
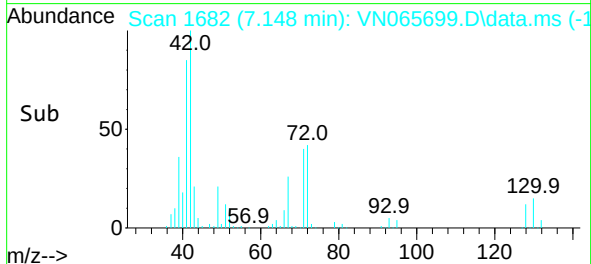
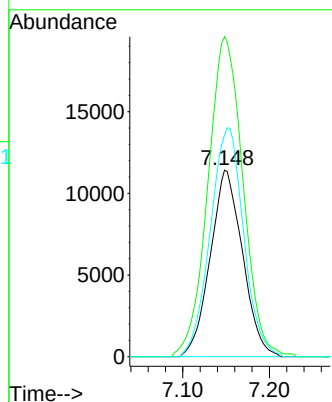
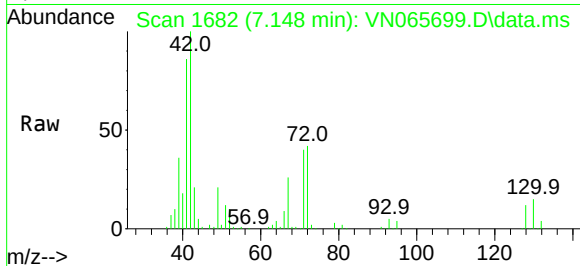
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.148 min Scan# 1682
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion	Ratio	Lower	Upper
128	100		
49	185.9	0.0	355.0
130	127.1	0.0	325.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

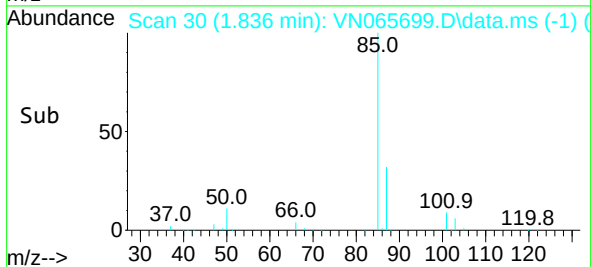
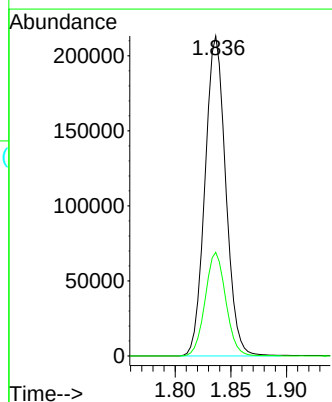
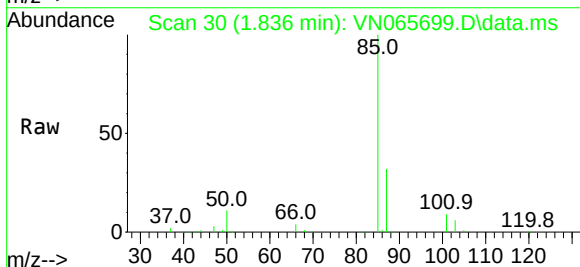
Manual Integrations
APPROVED

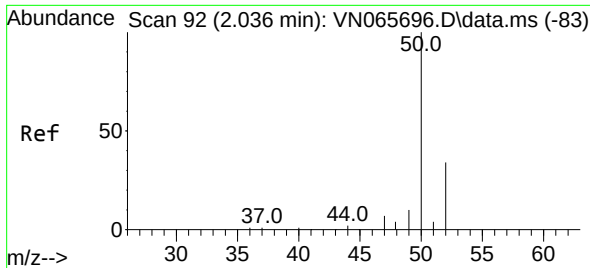
MMDadoda
2/4/2021 10:33:17 AM



#2
Dichlorodifluoromethane
Concen: 182.57 ug/l
RT: 1.836 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	14.6	43.8





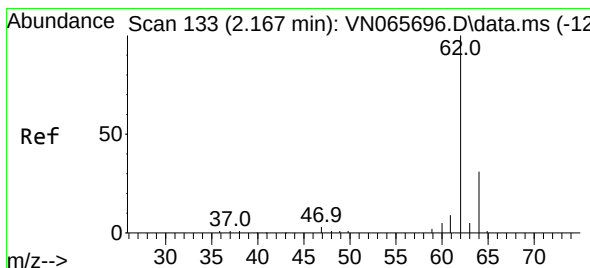
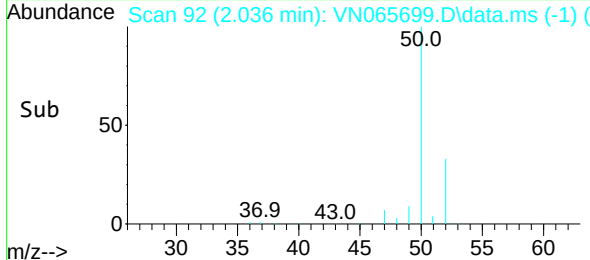
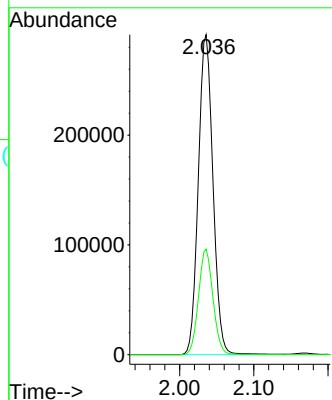
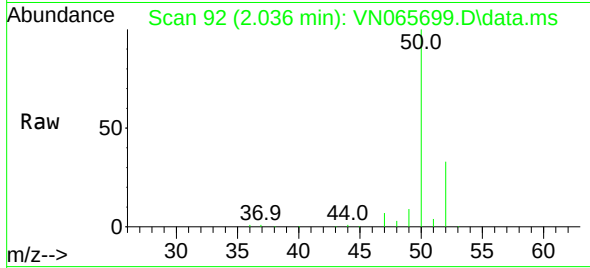
#3
Chloromethane
Concen: 206.53 ug/l
RT: 2.036 min Scan# 92
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 50 Resp: 401204
Ion Ratio Lower Upper
50 100
52 33.0 26.8 40.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

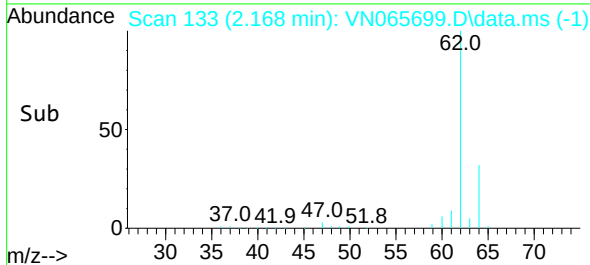
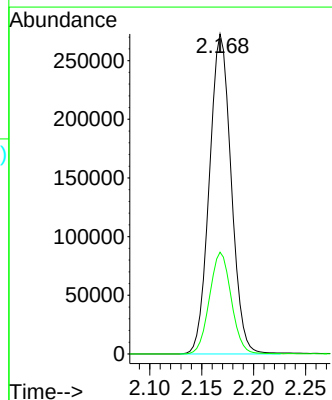
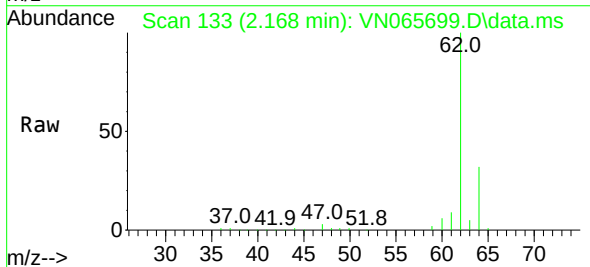
Manual Integrations
APPROVED

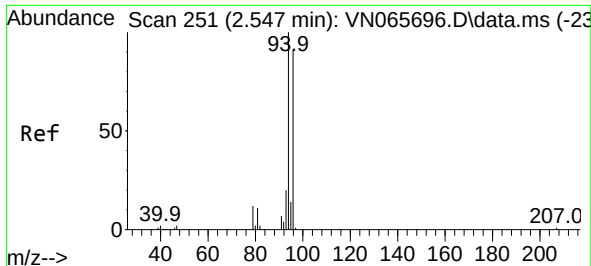
MMDadoda
2/4/2021 10:33:17 AM



#4
Vinyl Chloride
Concen: 189.61 ug/l
RT: 2.168 min Scan# 133
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

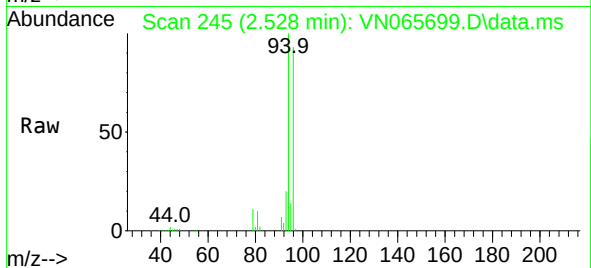
Tgt Ion: 62 Resp: 398286
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.4





#5
Bromomethane
Concen: 167.63 ug/l
RT: 2.528 min Scan# 245
Delta R.T. -0.019 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

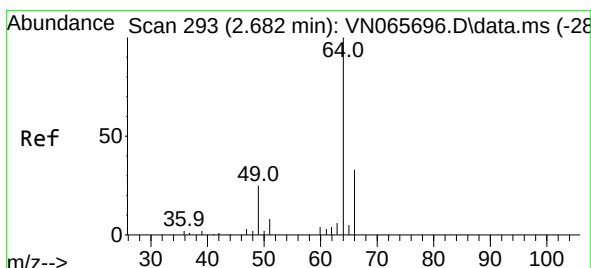
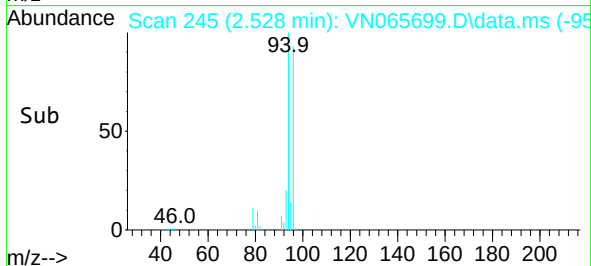
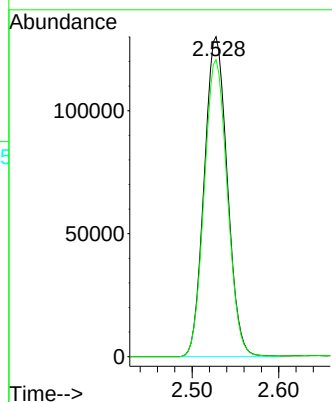
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 240506
Ion Ratio Lower Upper
94 100
96 92.8 74.6 111.8

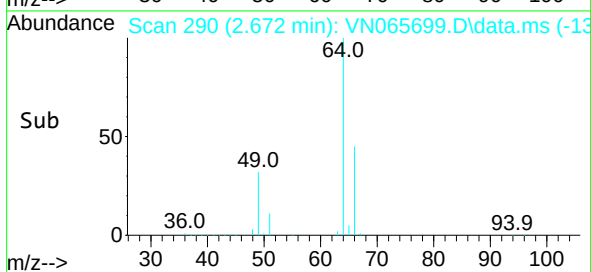
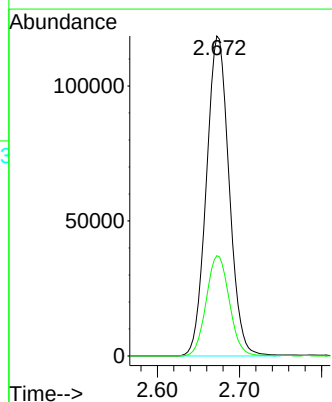
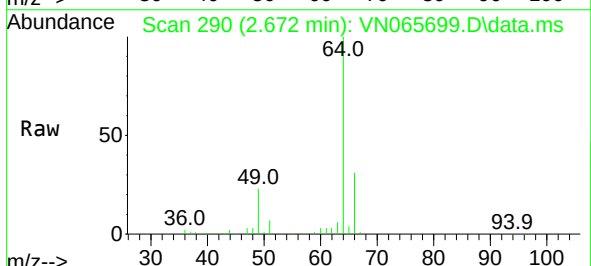
Manual Integrations
APPROVED

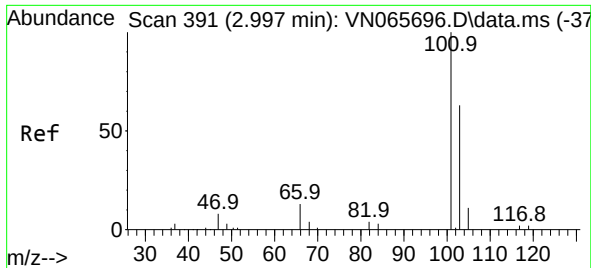
MMDadoda
2/4/2021 10:33:17 AM



#6
Chloroethane
Concen: 171.74 ug/l
RT: 2.672 min Scan# 290
Delta R.T. -0.010 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 64 Resp: 228173
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5





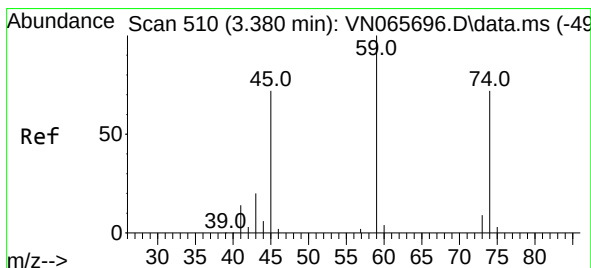
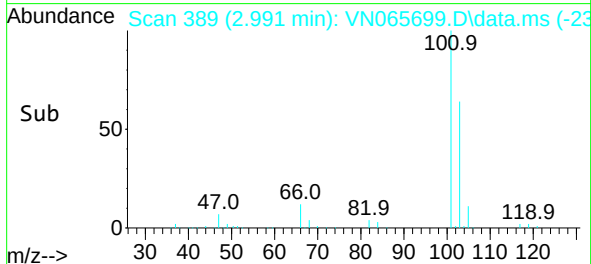
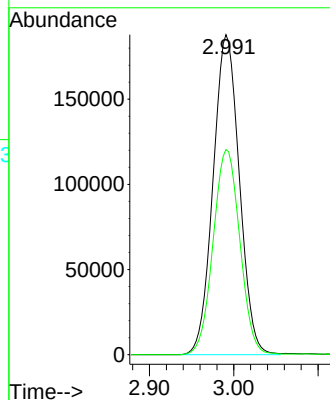
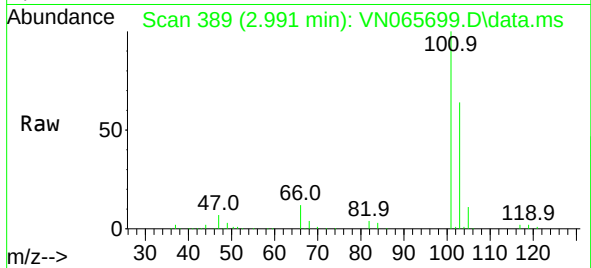
#7
Trichlorofluoromethane
Concen: 153.14 ug/l
RT: 2.991 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion:101 Resp: 406185
Ion Ratio Lower Upper
101 100
103 64.1 52.6 78.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

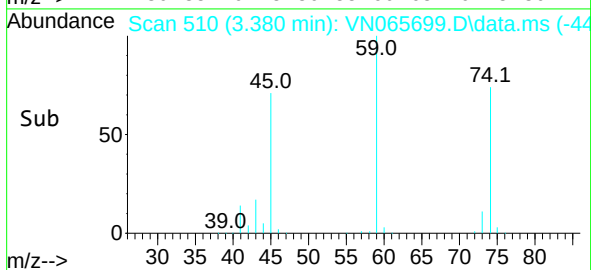
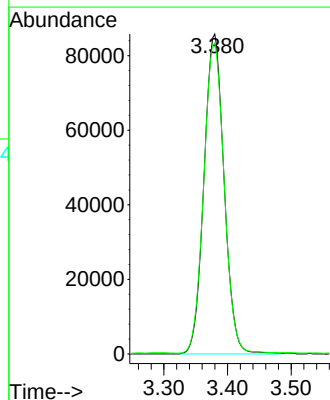
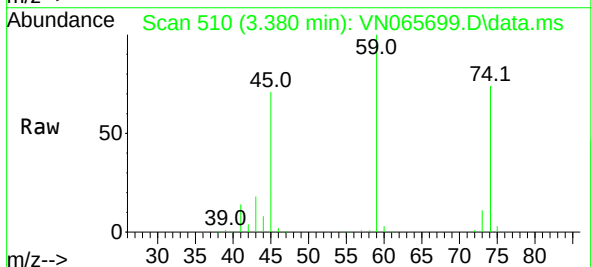
Manual Integrations
APPROVED

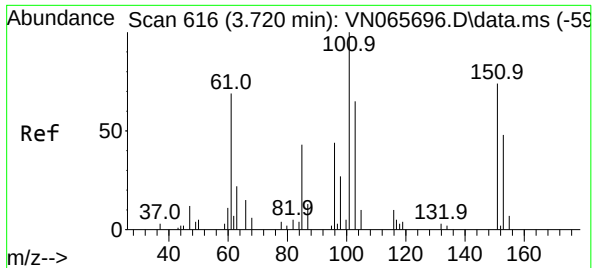
MMDadoda
2/4/2021 10:33:17 AM



#8
Diethyl Ether
Concen: 171.14 ug/l
RT: 3.380 min Scan# 510
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 74 Resp: 188143
Ion Ratio Lower Upper
74 100
45 98.3 18.5 166.9





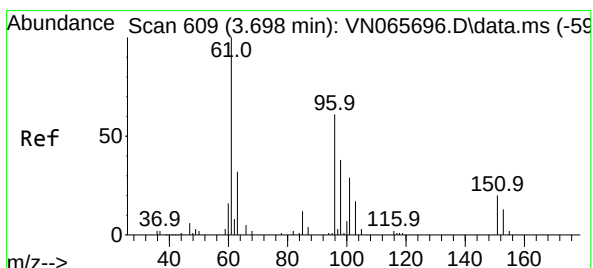
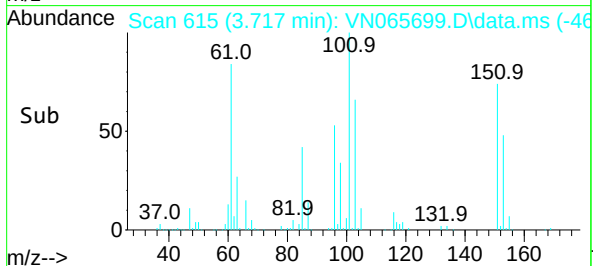
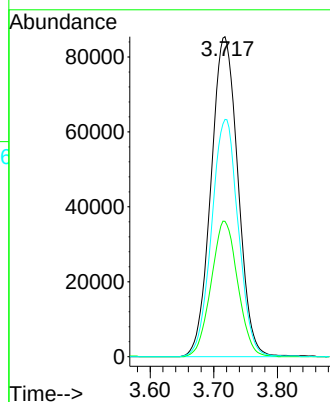
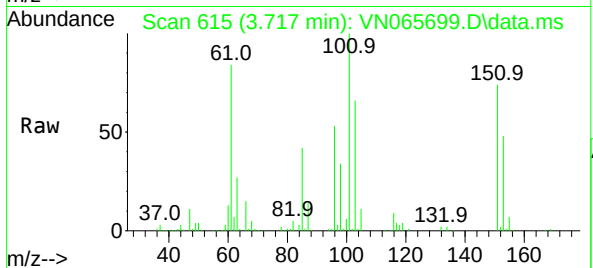
#9
1,1,2-Trichlorotrifluoroethane
Concen: 158.71 ug/l
RT: 3.717 min Scan# 615
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion:101 Resp: 250989
Ion Ratio Lower Upper
101 100
85 41.8 0.0 80.6
151 73.6 0.0 169.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

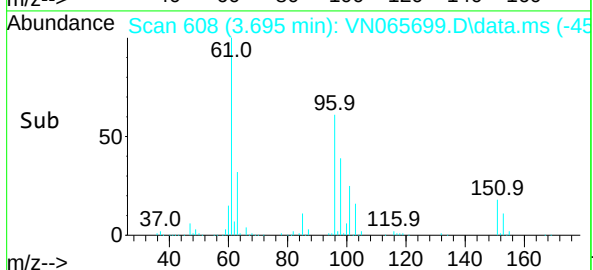
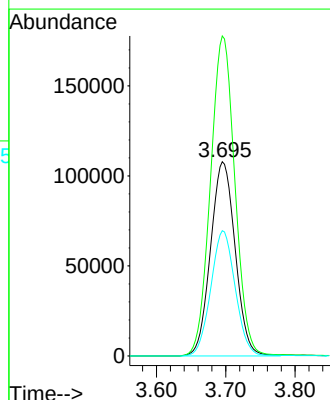
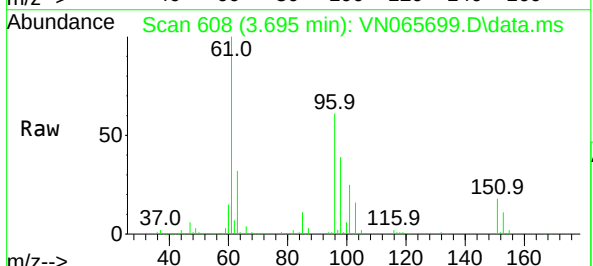
Manual Integrations
APPROVED

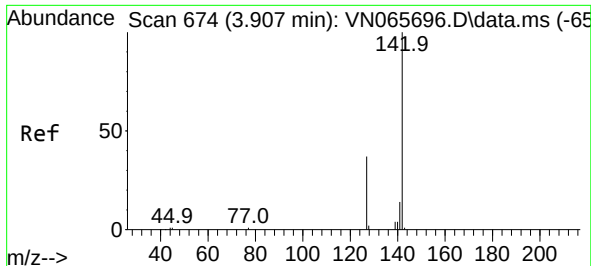
MMDadoda
2/4/2021 10:33:17 AM



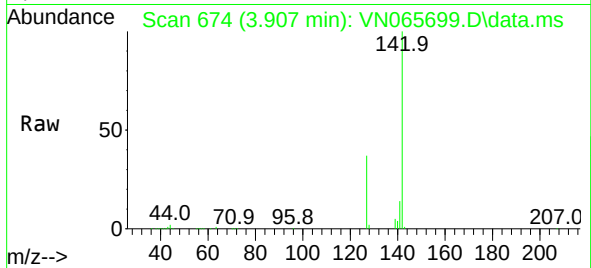
#10
1,1-Dichloroethene
Concen: 163.16 ug/l
RT: 3.695 min Scan# 608
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 96 Resp: 266726
Ion Ratio Lower Upper
96 100
61 164.8 119.9 179.9
98 64.5 51.2 76.8

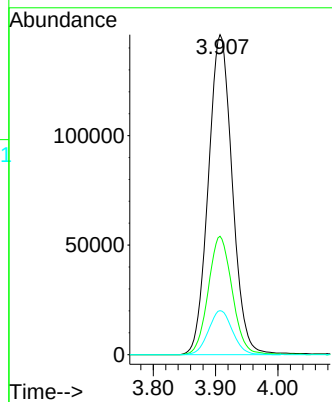
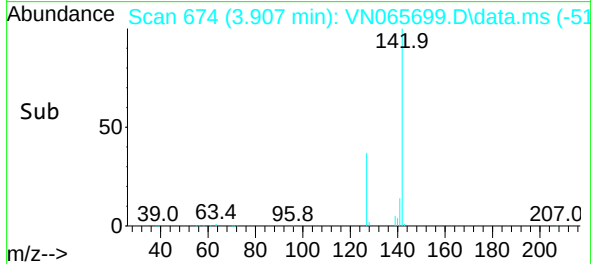




#11
Methyl Iodide
Concen: 154.04 ug/l
RT: 3.907 min Scan# 674
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



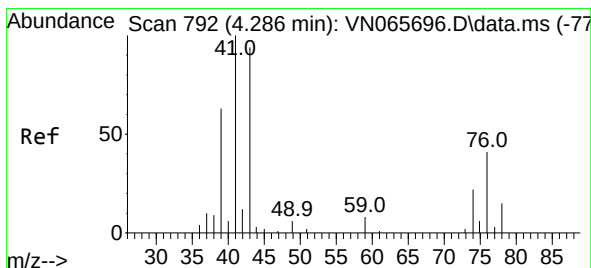
Tgt Ion:142 Resp: 389348
Ion Ratio Lower Upper
142 100
127 37.0 19.1 57.5
141 13.8 7.0 20.9



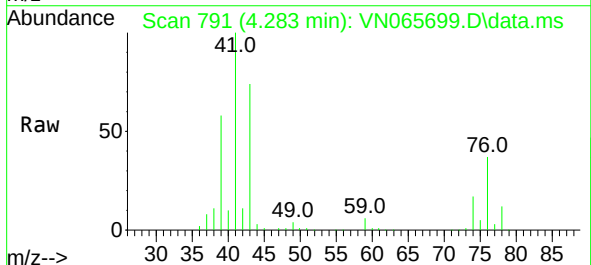
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

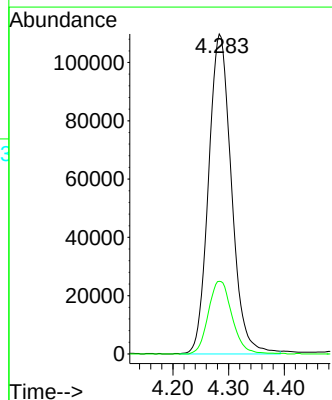
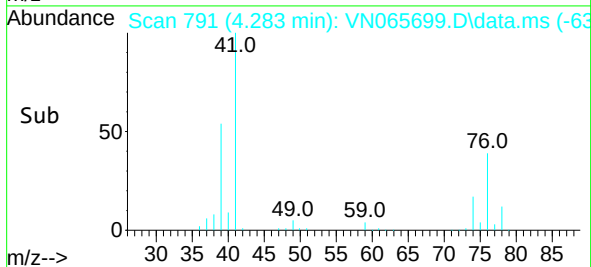
MMDadoda
2/4/2021 10:33:17 AM

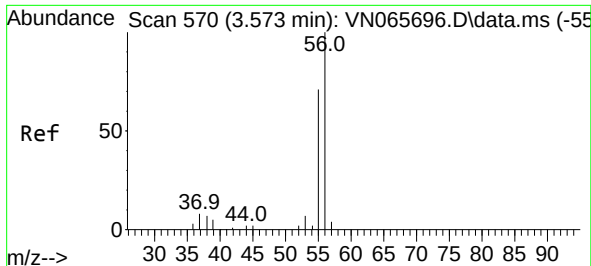


#12
Methyl Acetate
Concen: 188.40 ug/l
RT: 4.283 min Scan# 791
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



Tgt Ion: 43 Resp: 313685
Ion Ratio Lower Upper
43 100
74 22.7 19.9 29.9





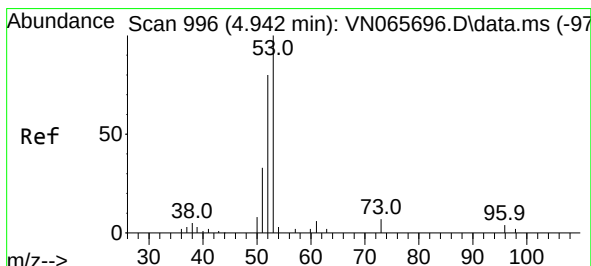
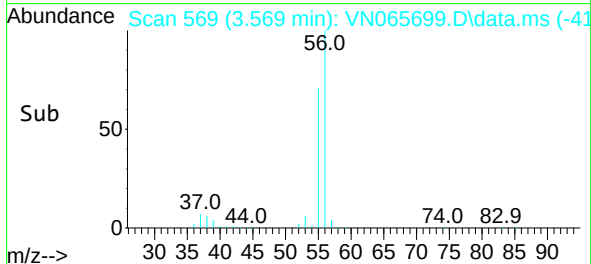
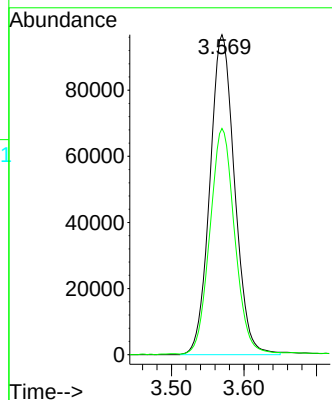
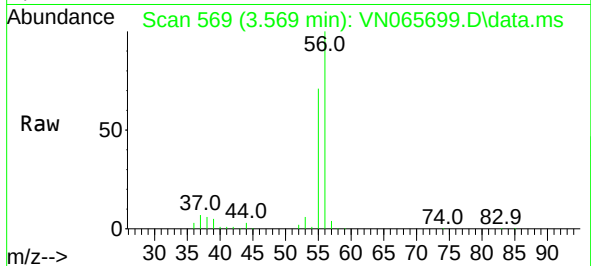
#13
Acrolein
Concen: 833.31 ug/l
RT: 3.569 min Scan# 569
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 56 Resp: 229460
Ion Ratio Lower Upper
56 100
55 70.6 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

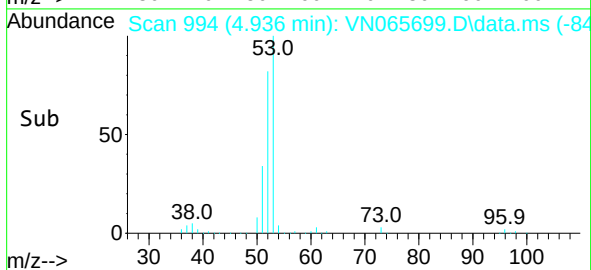
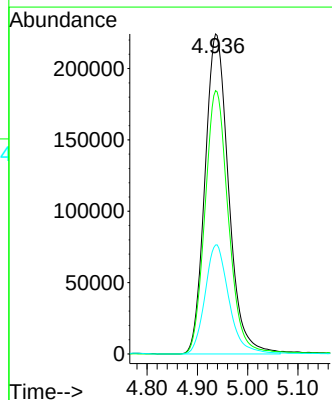
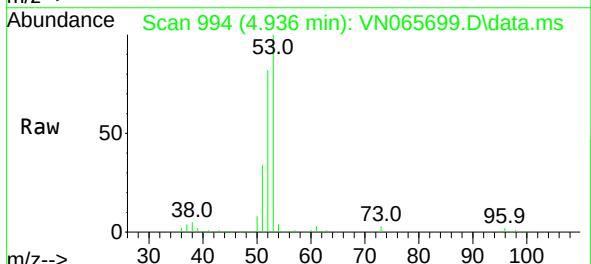
Manual Integrations
APPROVED

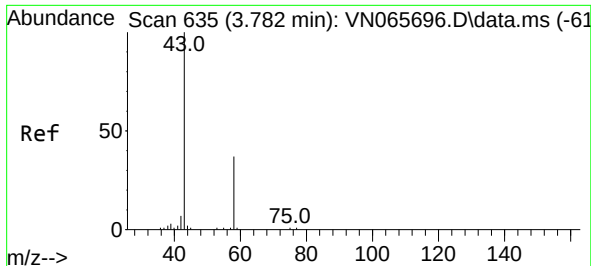
MMDadoda
2/4/2021 10:33:17 AM



#14
Acrylonitrile
Concen: 975.07 ug/l
RT: 4.936 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 53 Resp: 732744
Ion Ratio Lower Upper
53 100
52 81.5 40.7 122.1
51 34.5 18.3 54.8





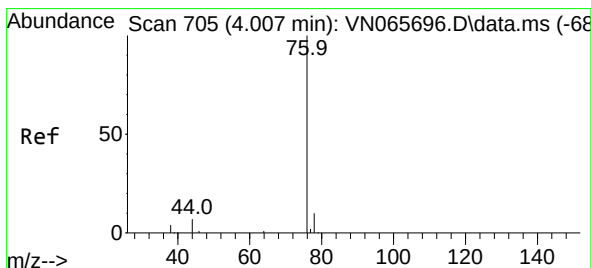
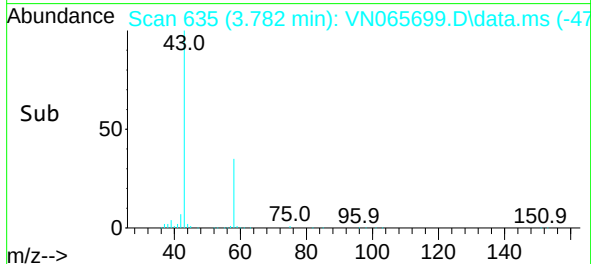
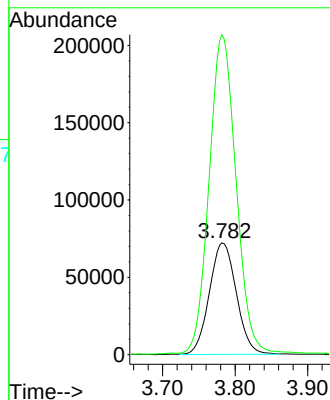
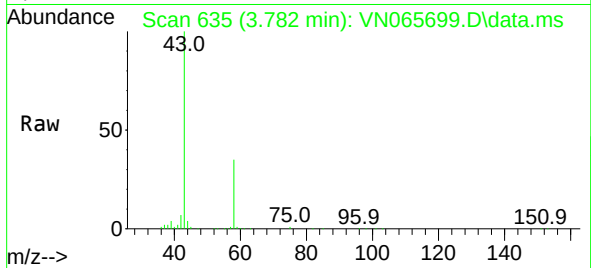
#15
Acetone
Concen: 786.31 ug/l
RT: 3.782 min Scan# 635
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 58 Resp: 186712
Ion Ratio Lower Upper
58 100
43 285.8 203.4 305.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

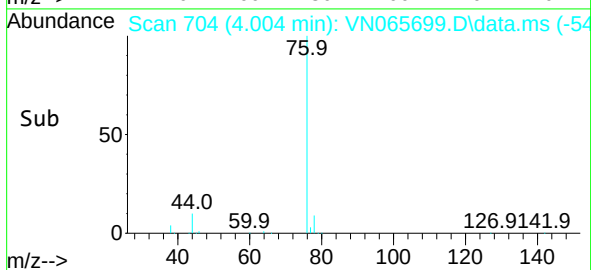
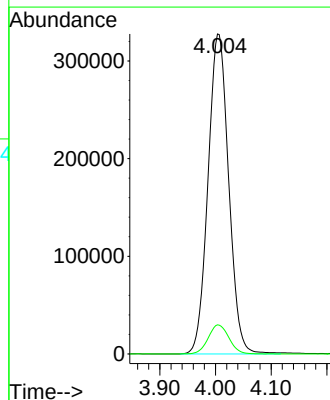
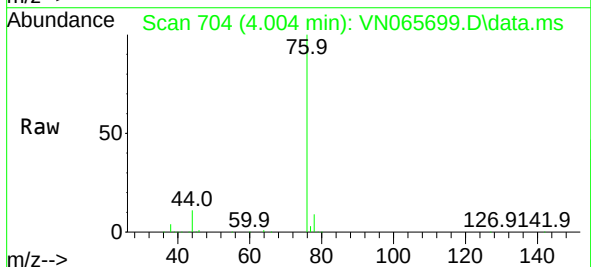
Manual Integrations
APPROVED

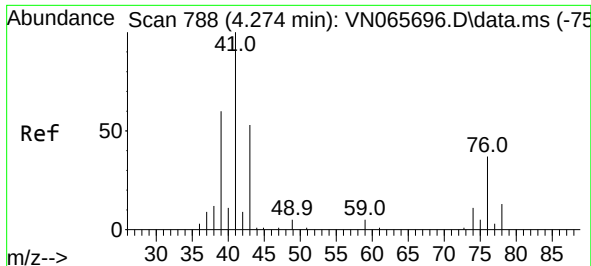
MMDadoda
2/4/2021 10:33:17 AM



#16
Carbon Disulfide
Concen: 201.22 ug/l
RT: 4.004 min Scan# 704
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 76 Resp: 844881
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17

Allyl chloride

Concen: 209.87 ug/l

RT: 4.274 min Scan# 788

Delta R.T. 0.000 min

Lab File: VN065699.D

Acq: 3 Feb 2021 14:27

Tgt Ion:	41	Resp:	516654
Ion	Ratio	Lower	Upper
41	100		
39	58.5	33.5	100.5
76	37.8	20.3	60.8

Instrument :

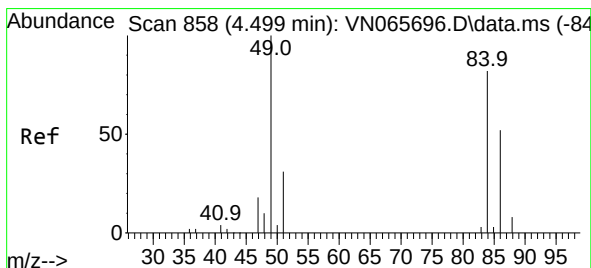
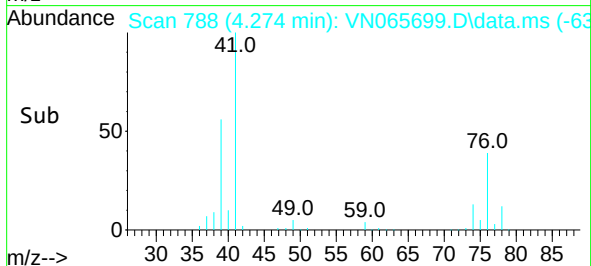
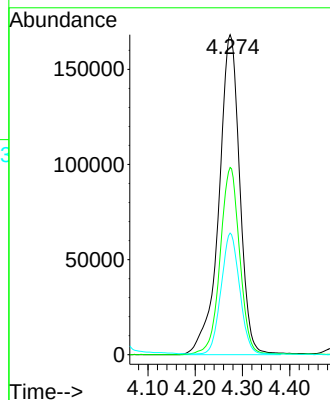
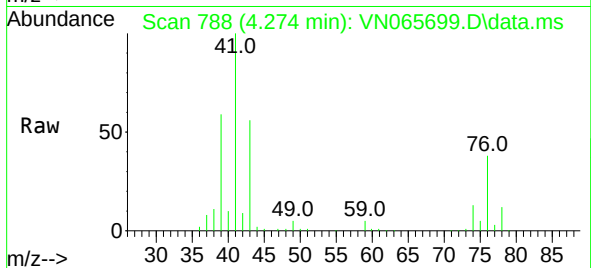
MSVOA_N

ClientSampleId :

VSTDIC150

Manual Integrations
APPROVED

MMDadoda
2/4/2021 10:33:17 AM



#18

Methylene Chloride

Concen: 172.24 ug/l

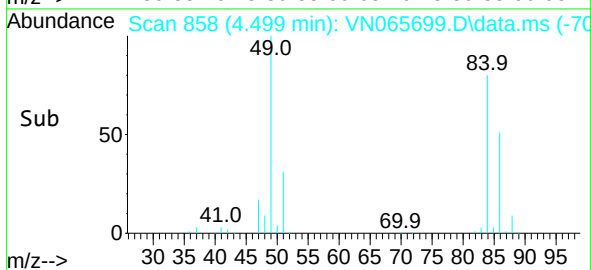
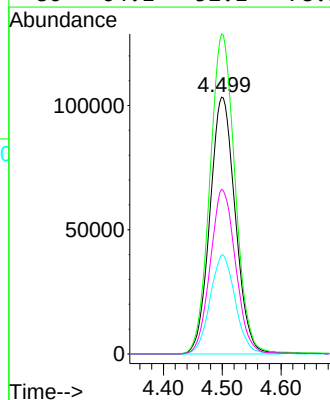
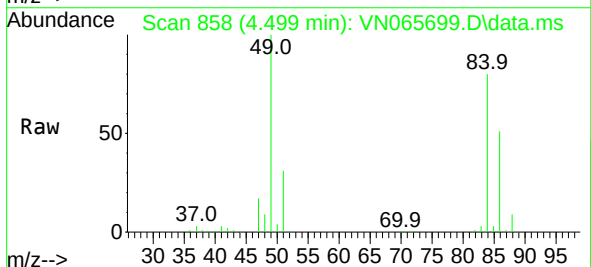
RT: 4.499 min Scan# 858

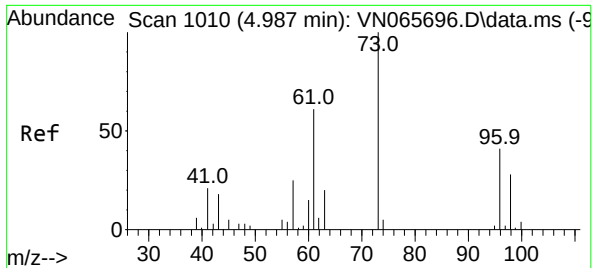
Delta R.T. 0.000 min

Lab File: VN065699.D

Acq: 3 Feb 2021 14:27

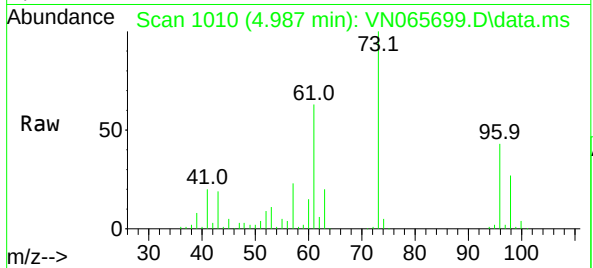
Tgt Ion:	84	Resp:	309562
Ion	Ratio	Lower	Upper
84	100		
49	124.6	91.3	136.9
51	38.6	28.8	43.2
86	64.1	52.1	78.1





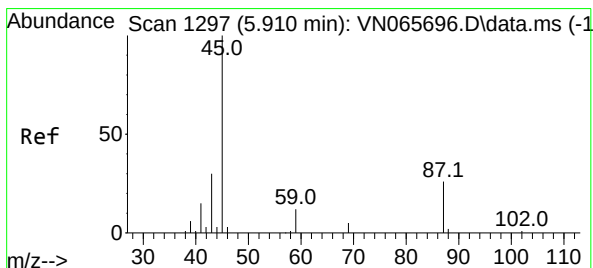
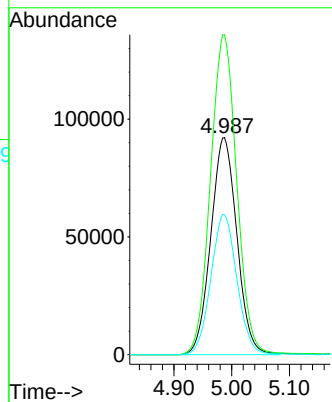
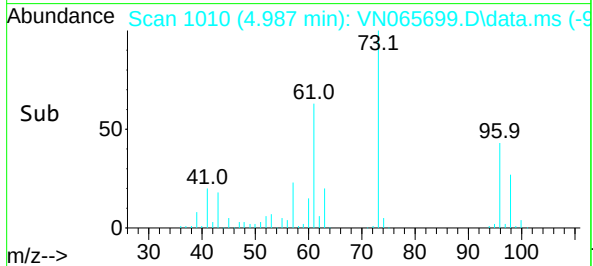
#19

trans-1,2-Dichloroethene
Concen: 173.71 ug/l
RT: 4.987 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



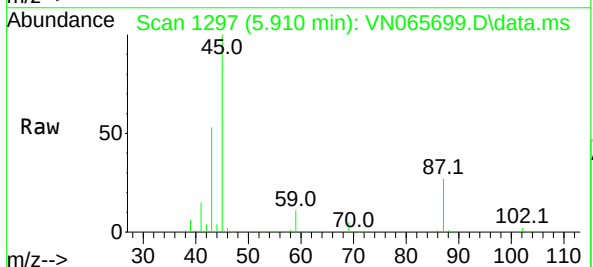
Tgt Ion: 96 Resp: 289424

Ion	Ratio	Lower	Upper
96	100		
61	147.3	106.2	159.2
98	64.5	52.4	78.6



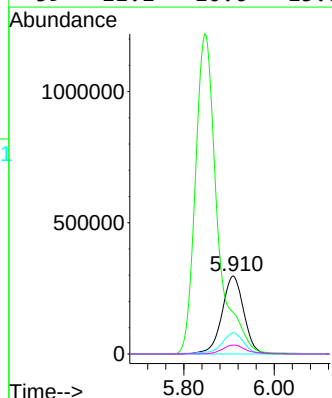
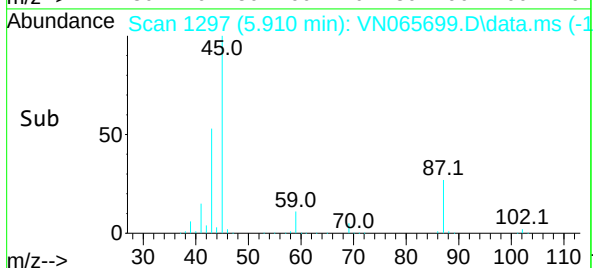
#20

Diisopropyl ether
Concen: 194.66 ug/l
RT: 5.910 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



Tgt Ion: 45 Resp: 996597

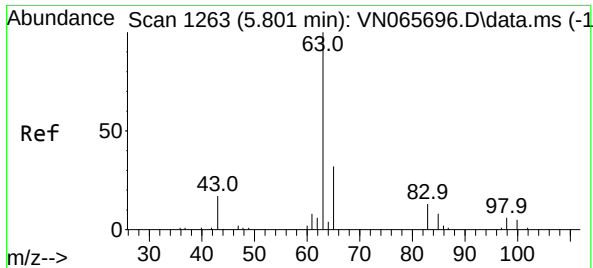
Ion	Ratio	Lower	Upper
45	100		
43	51.5	50.4	75.6
87	27.2	24.5	36.7
59	11.1	10.6	15.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
2/4/2021 10:33:17 AM



#21

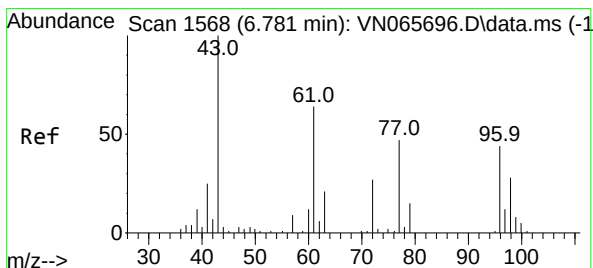
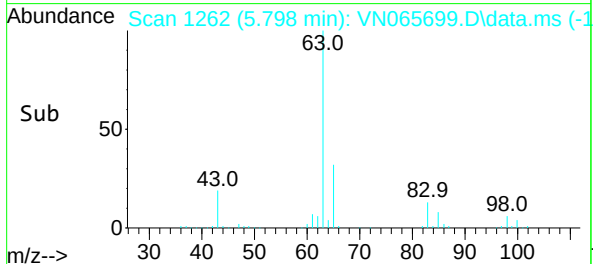
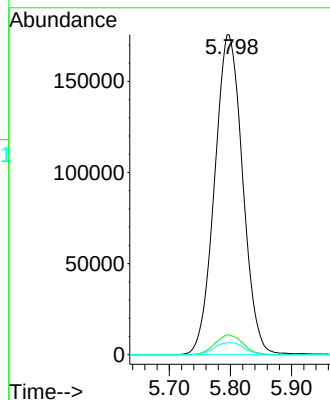
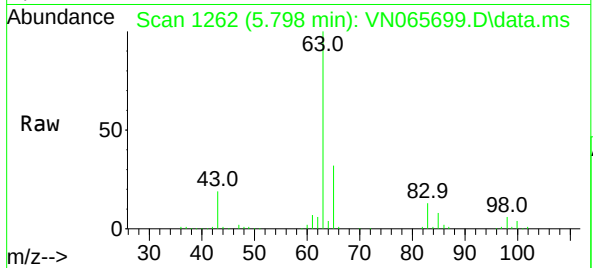
1,1-Dichloroethane
Concen: 186.49 ug/l
RT: 5.798 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 63 Resp: 558984
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.9
100 3.7 2.3 6.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

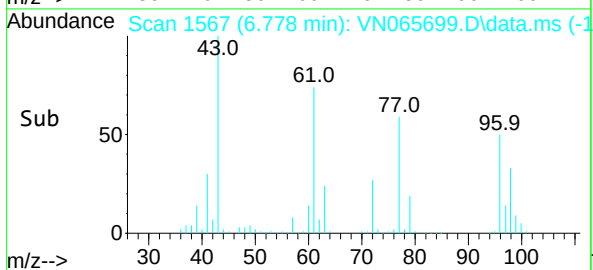
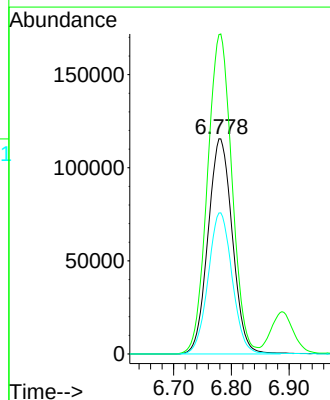
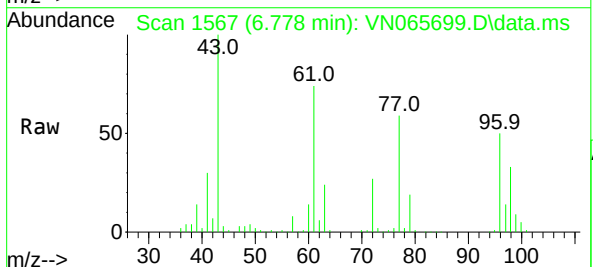
MMDadoda
2/4/2021 10:33:17 AM

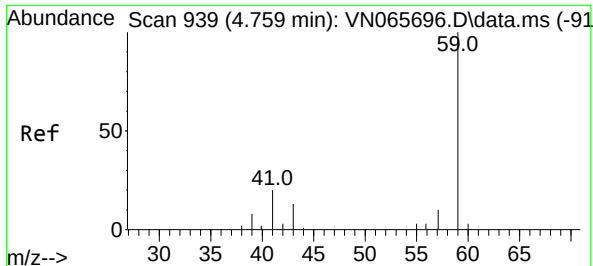


#22

cis-1,2-Dichloroethene
Concen: 174.67 ug/l
RT: 6.778 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 96 Resp: 338438
Ion Ratio Lower Upper
96 100
61 149.2 112.5 168.7
98 64.8 52.2 78.2





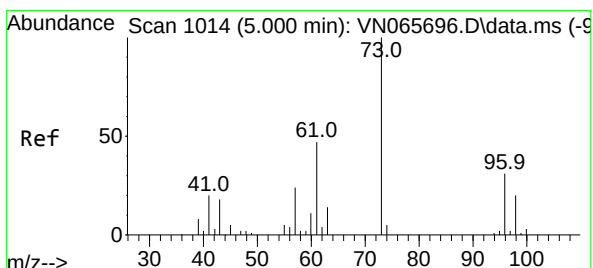
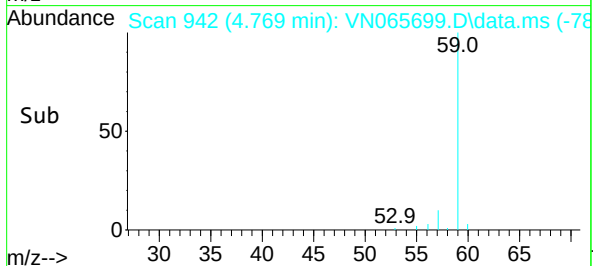
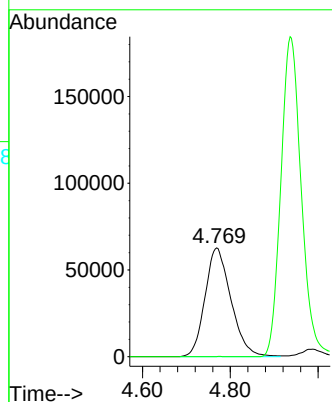
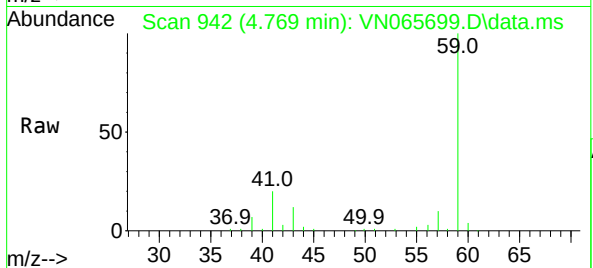
#23
tert-Butyl Alcohol
Concen: 1061.11 ug/l
RT: 4.769 min Scan# 942
Delta R.T. 0.010 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 59 Resp: 257539
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0#

Instrument :
MSVOA_N
ClientSampled :
VSTDICC150

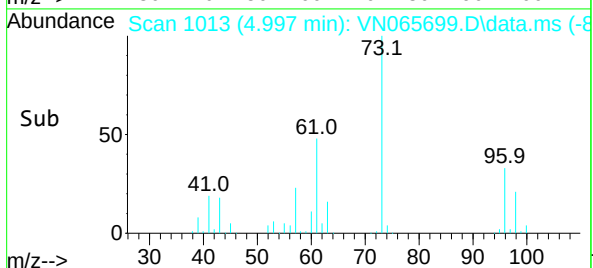
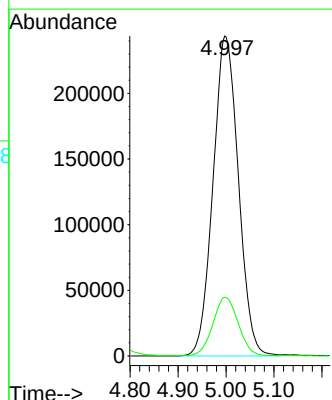
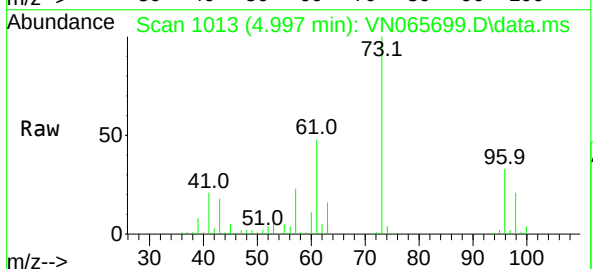
Manual Integrations
APPROVED

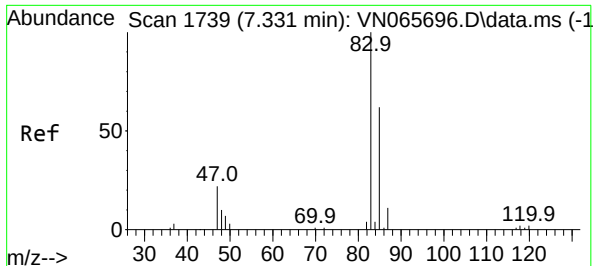
MMDadoda
2/4/2021 10:33:17 AM



#24
Methyl tert-Butyl Ether
Concen: 181.94 ug/l
RT: 4.997 min Scan# 1013
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 73 Resp: 895043
Ion Ratio Lower Upper
73 100
43 18.1 15.4 23.2





#25

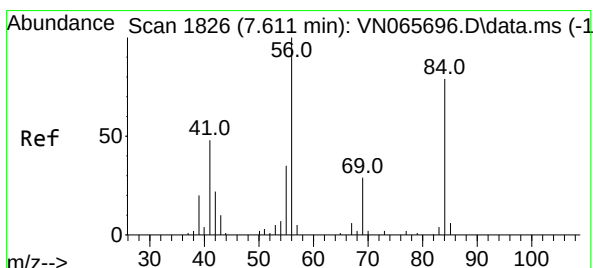
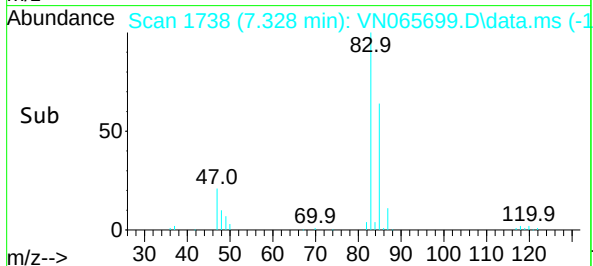
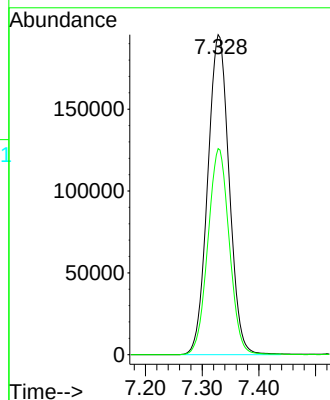
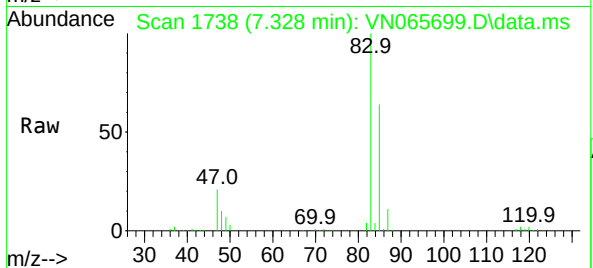
Chloroform
Concen: 170.10 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 83 Resp: 513856
Ion Ratio Lower Upper
83 100
85 64.4 53.0 79.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

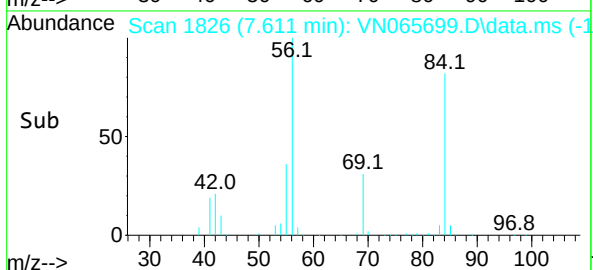
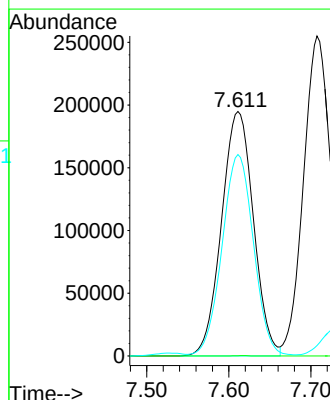
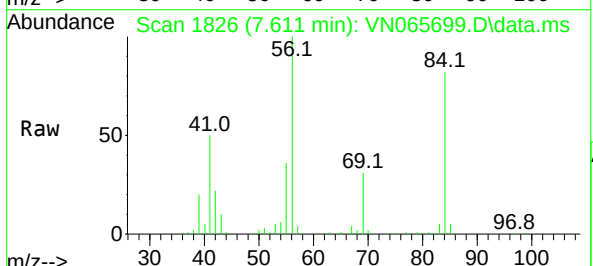
MMDadoda
2/4/2021 10:33:17 AM

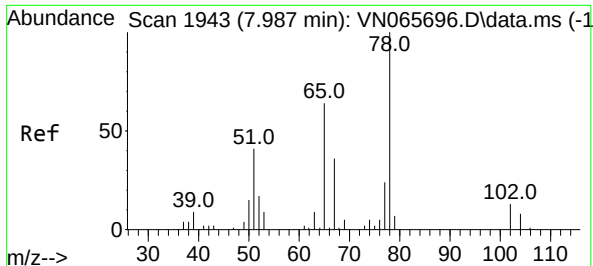


#26

Cyclohexane
Concen: 203.30 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 56 Resp: 527606
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 81.4 72.8 109.2





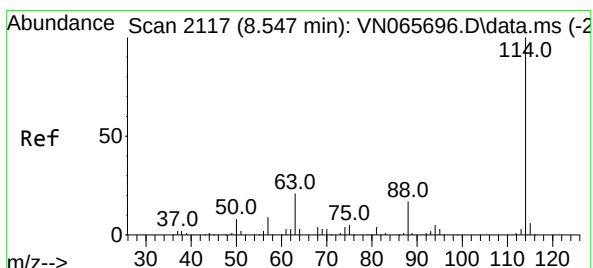
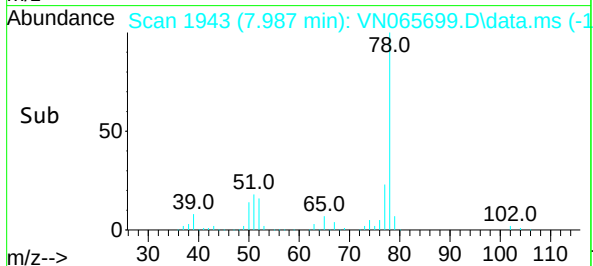
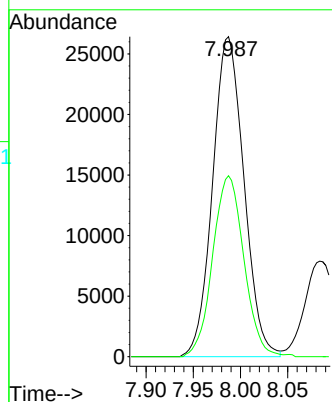
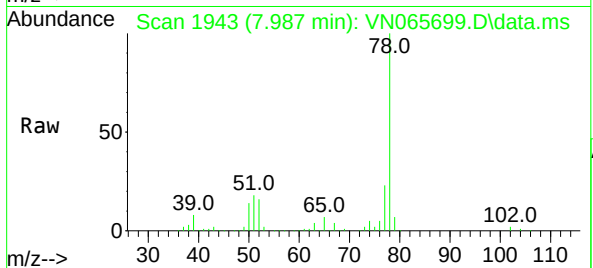
#27
1,2-Dichloroethane-d4
Concen: 32.31 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 65 Resp: 60880
Ion Ratio Lower Upper
65 100
67 56.2 42.8 64.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

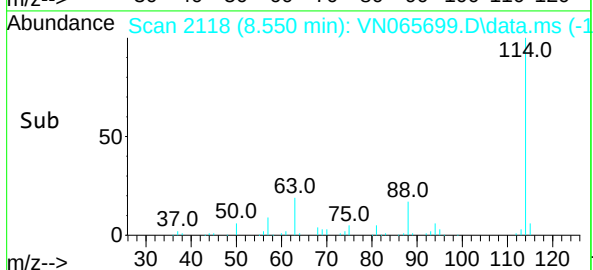
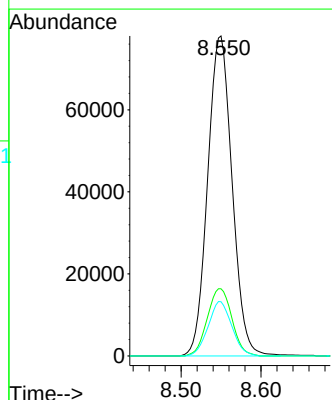
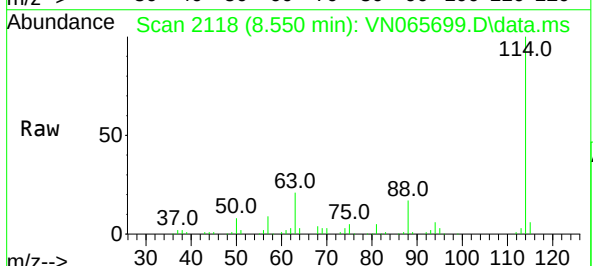
Manual Integrations
APPROVED

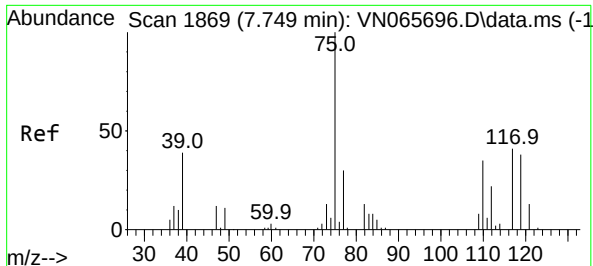
MMDadoda
2/4/2021 10:33:17 AM



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 114 Resp: 165555
Ion Ratio Lower Upper
114 100
63 21.2 14.7 22.1
88 16.5 11.7 17.5





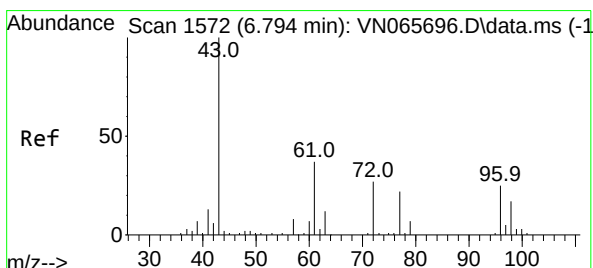
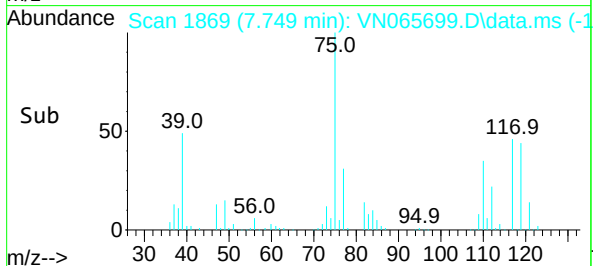
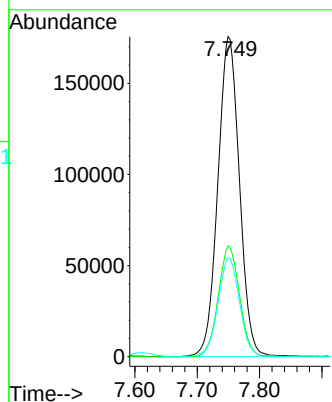
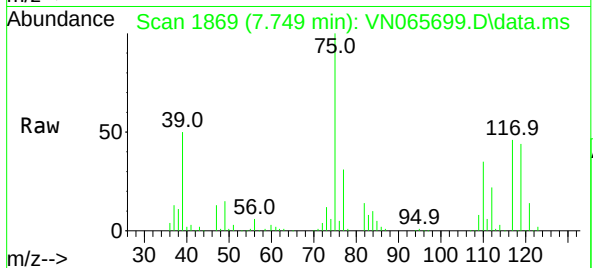
#29
1,1-Dichloropropene
Concen: 176.05 ug/l
RT: 7.749 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 75 Resp: 422299
Ion Ratio Lower Upper
75 100
110 34.2 0.0 74.2
77 31.1 0.0 61.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

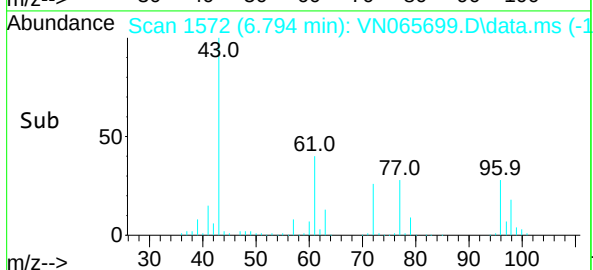
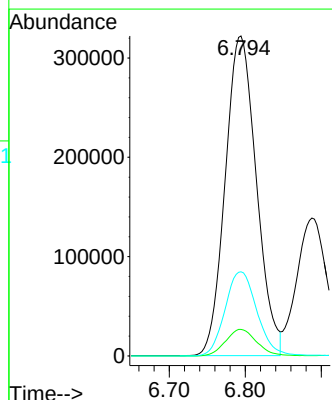
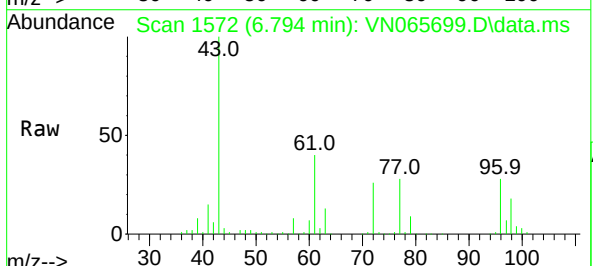
Manual Integrations
APPROVED

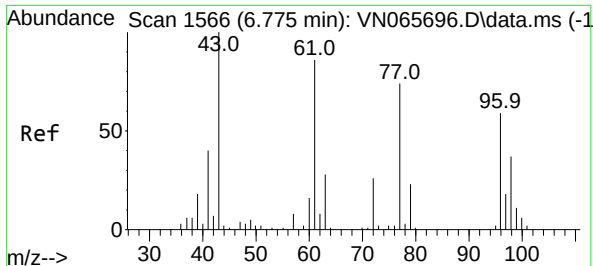
MMDadoda
2/4/2021 10:33:17 AM



#30
2-Butanone
Concen: 925.81 ug/l
RT: 6.794 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 43 Resp: 916469
Ion Ratio Lower Upper
43 100
57 8.3 7.0 10.4
72 27.1 23.6 35.4





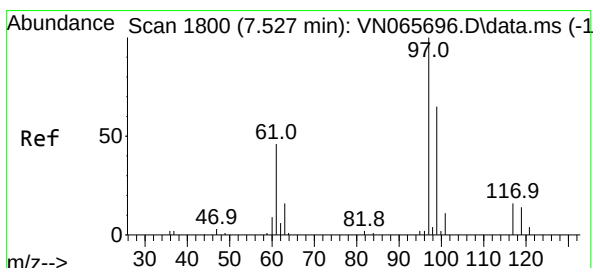
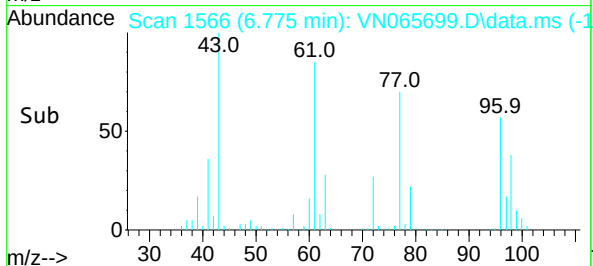
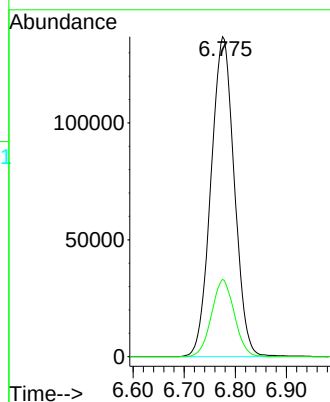
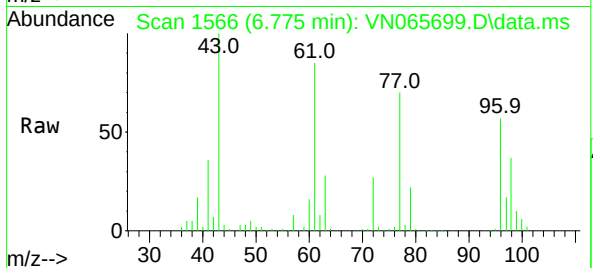
#31
2,2-Dichloropropane
Concen: 174.93 ug/l
RT: 6.775 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 77 Resp: 434679
Ion Ratio Lower Upper
77 100
97 23.6 19.0 28.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

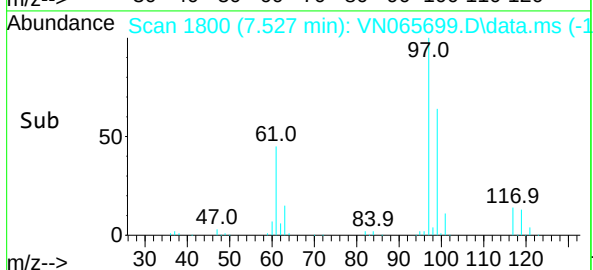
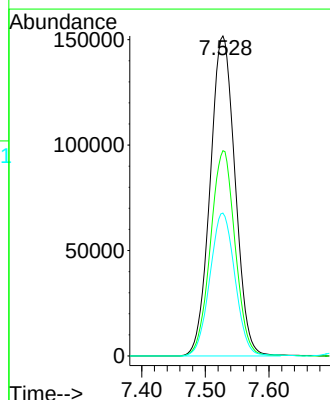
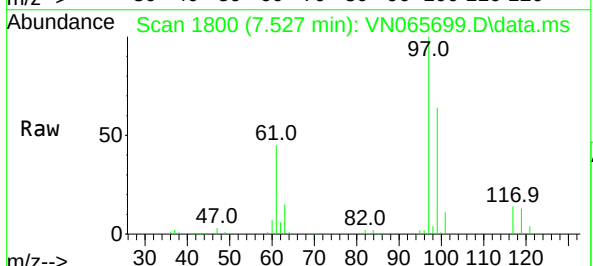
Manual Integrations
APPROVED

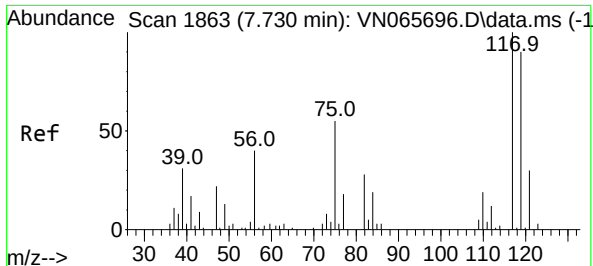
MMDadoda
2/4/2021 10:33:17 AM



#32
1,1,1-Trichloroethane
Concen: 156.44 ug/l
RT: 7.527 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

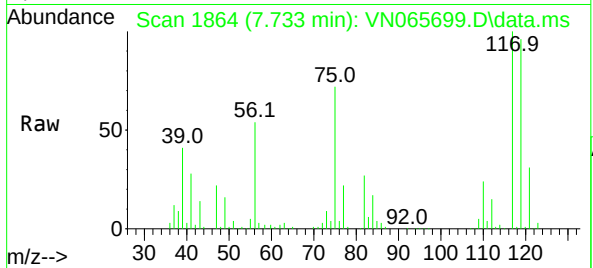
Tgt Ion: 97 Resp: 412755
Ion Ratio Lower Upper
97 100
99 63.4 51.5 77.3
61 45.0 34.7 52.1





#33
Carbon Tetrachloride
Concen: 152.06 ug/l
RT: 7.733 min Scan# 1864
Delta R.T. 0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

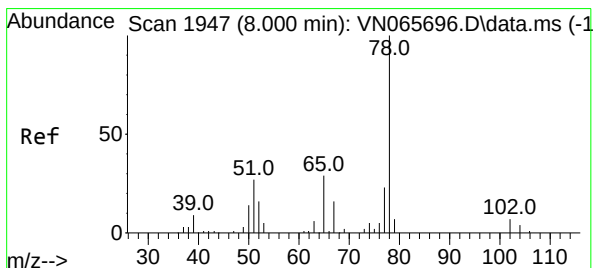
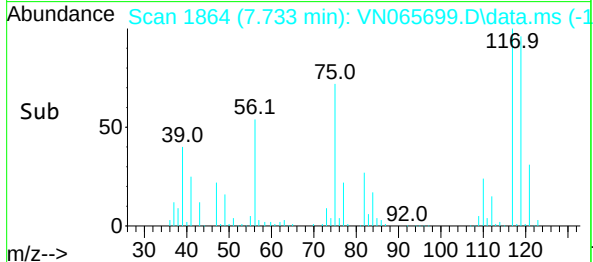
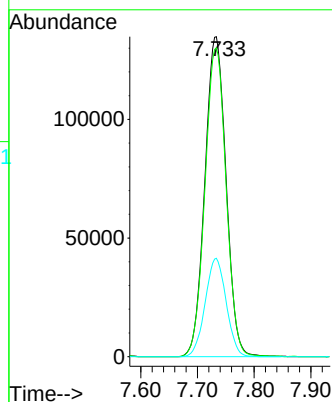
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150



Tgt Ion:117 Resp: 350645
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.4
121 30.8 24.8 37.2

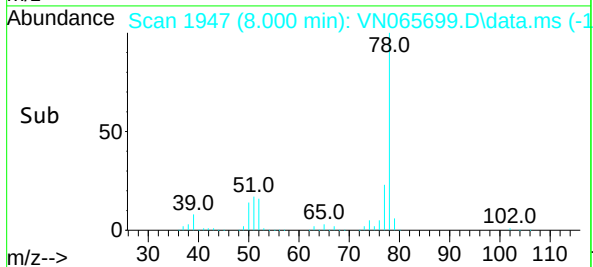
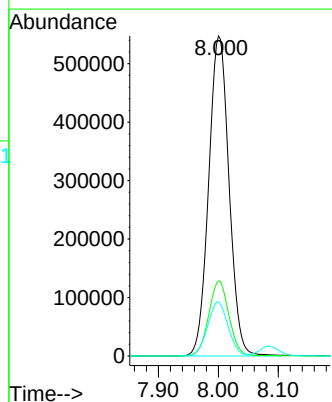
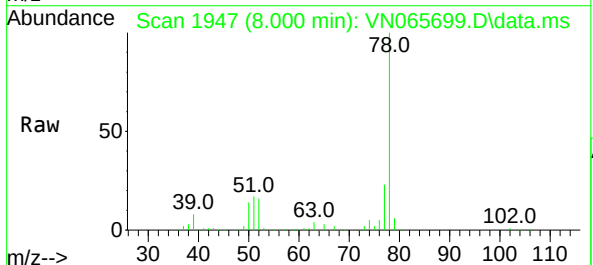
Manual Integrations
APPROVED

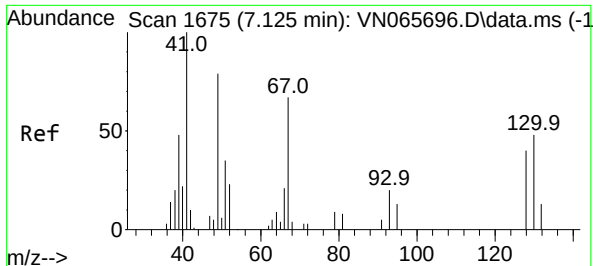
MMDadoda
2/4/2021 10:33:17 AM



#34
Benzene
Concen: 175.15 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 78 Resp: 1291348
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6
51 16.9 22.1 33.1#





#35

Methacrylonitrile

Concen: 204.92 ug/l

RT: 7.126 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN065699.D

Acq: 3 Feb 2021 14:27

Tgt Ion: 41 Resp: 204106

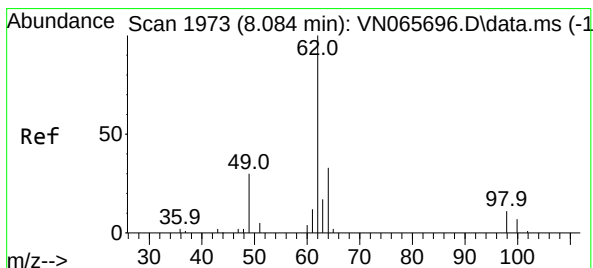
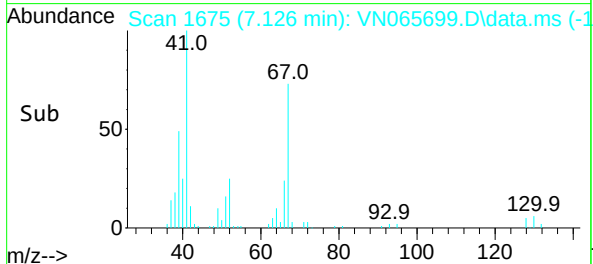
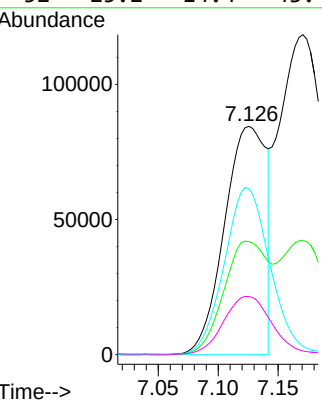
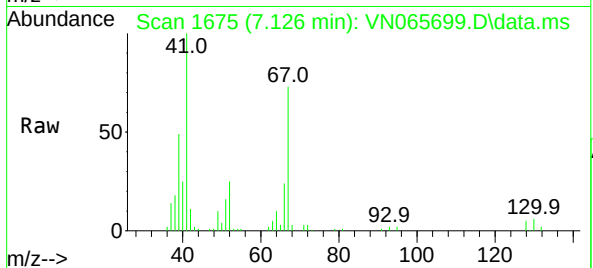
Ion Ratio Lower Upper

41 100

39 49.5 26.8 80.3

67 72.8 38.0 113.9

52 25.2 14.4 43.4



#36

1,2-Dichloroethane

Concen: 162.95 ug/l

RT: 8.084 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VN065699.D

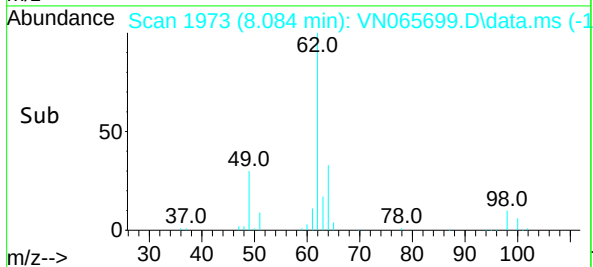
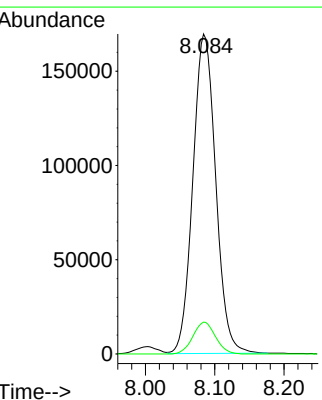
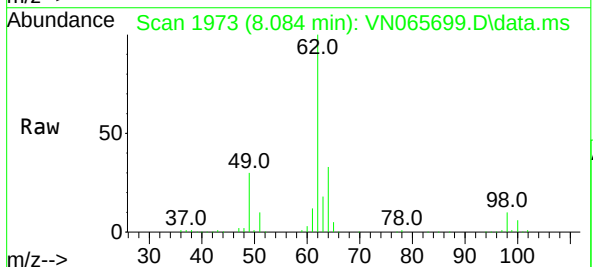
Acq: 3 Feb 2021 14:27

Tgt Ion: 62 Resp: 387815

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.2



Instrument :

MSVOA_N

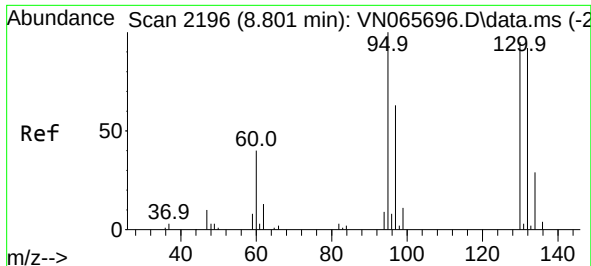
ClientSampleId :

VSTDIC150

Manual Integrations

APPROVED

MMDadoda
2/4/2021 10:33:17 AM



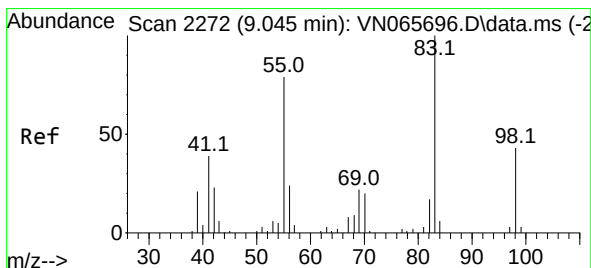
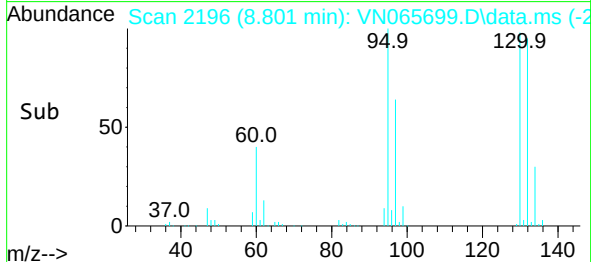
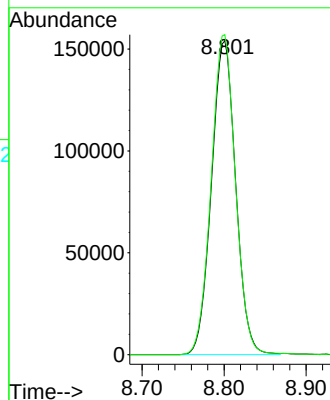
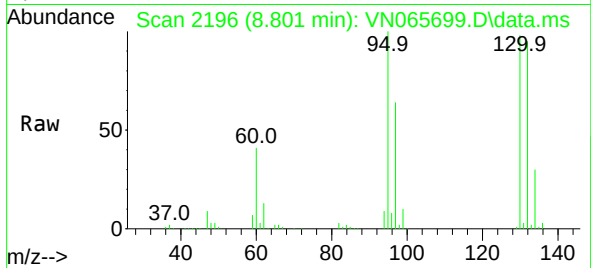
#37
Trichloroethene
Concen: 149.41 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion:130 Resp: 316447
Ion Ratio Lower Upper
130 100
95 102.0 74.0 111.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

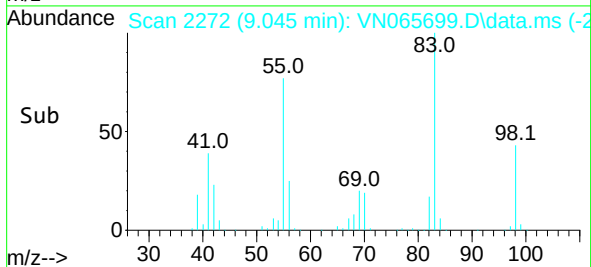
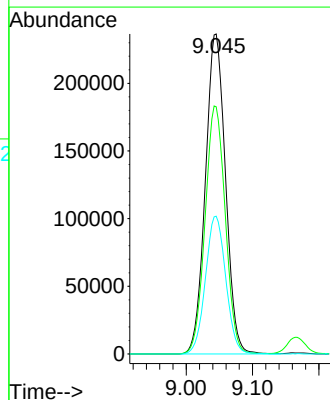
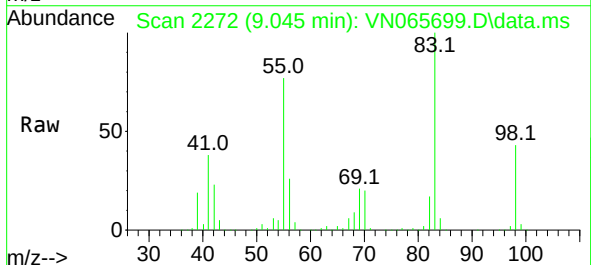
Manual Integrations
APPROVED

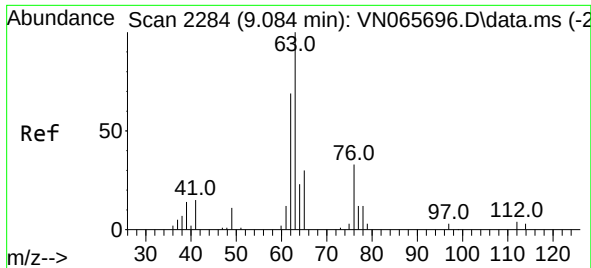
MMDadoda
2/4/2021 10:33:17 AM



#38
Methylcyclohexane
Concen: 178.04 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 83 Resp: 499151
Ion Ratio Lower Upper
83 100
55 77.8 37.2 111.6
98 43.6 23.8 71.4





#39

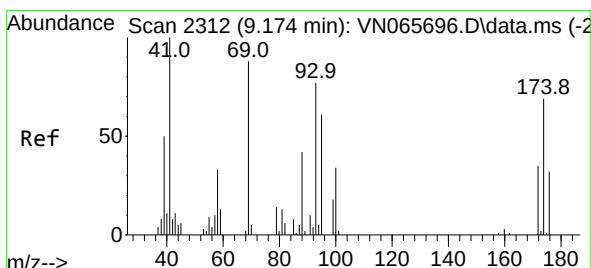
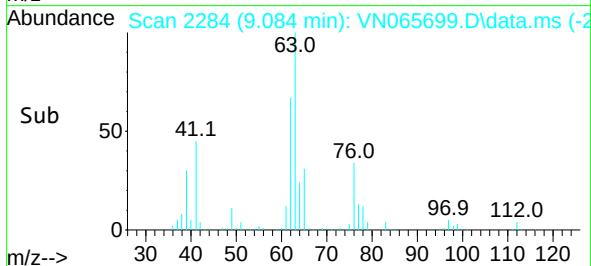
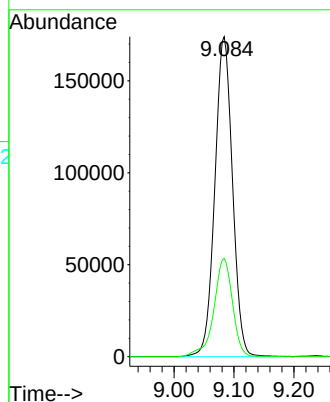
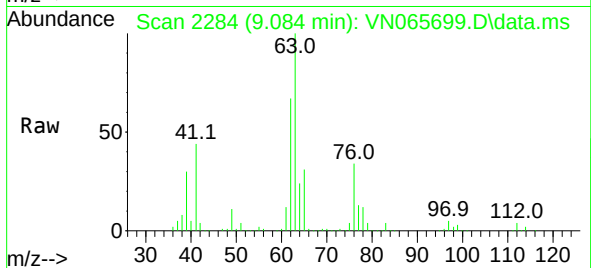
1,2-Dichloropropane
Concen: 183.99 ug/l
RT: 9.084 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion: 63 Resp: 354940
Ion Ratio Lower Upper
63 100
65 30.6 24.1 36.1

Manual Integrations
APPROVED

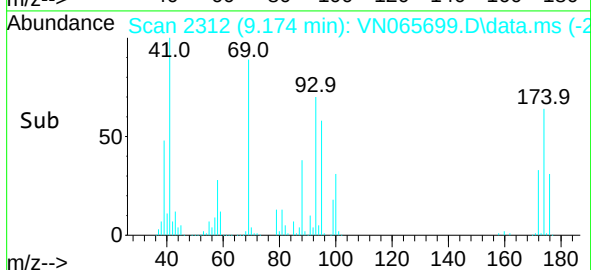
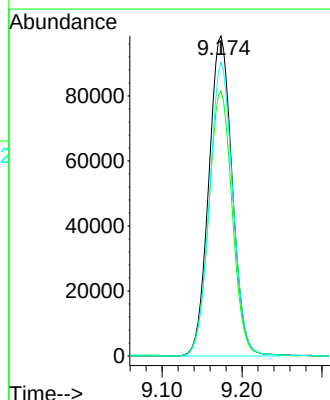
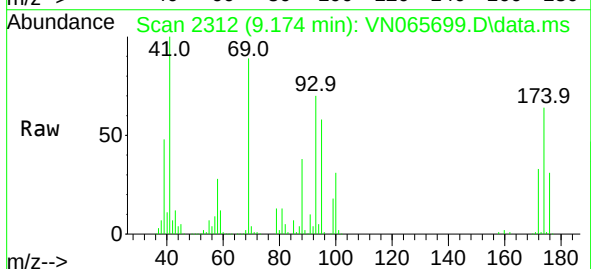
MMDadoda
2/4/2021 10:33:17 AM

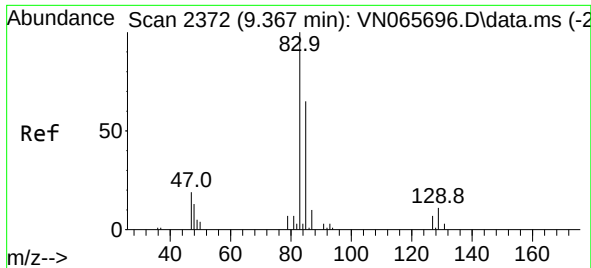


#40

Dibromomethane
Concen: 159.75 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 93 Resp: 200250
Ion Ratio Lower Upper
93 100
95 83.4 0.0 168.6
174 91.0 0.0 246.4





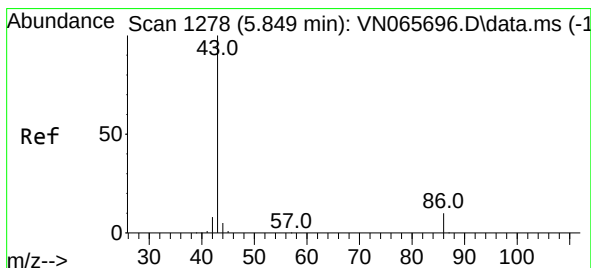
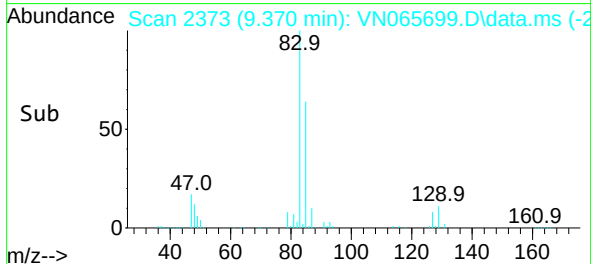
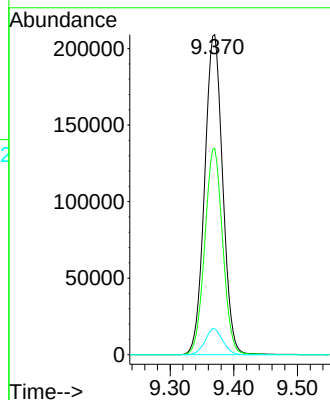
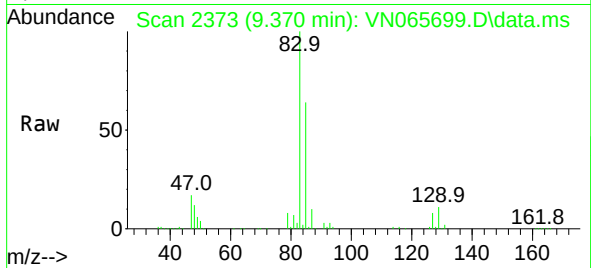
#41
Bromodichloromethane
Concen: 167.96 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 83 Resp: 411387
Ion Ratio Lower Upper
83 100
85 64.4 50.7 76.1
127 8.1 7.5 11.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

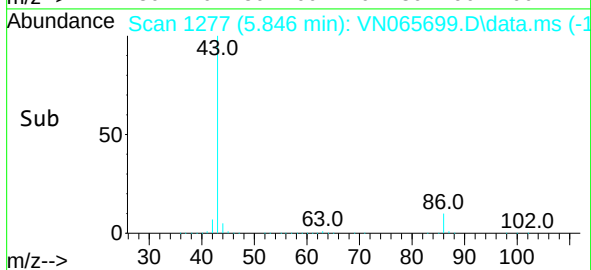
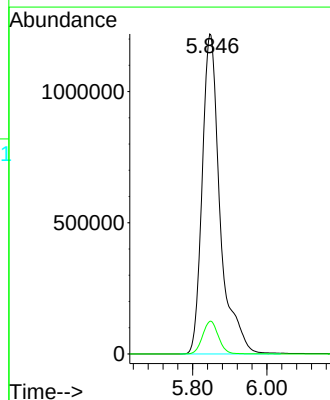
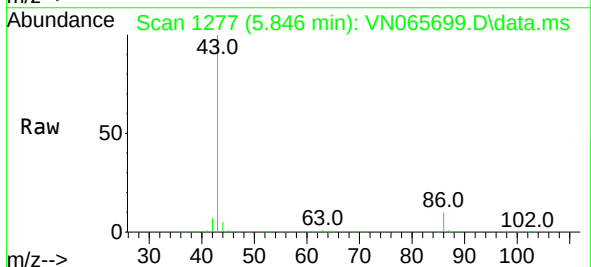
Manual Integrations
APPROVED

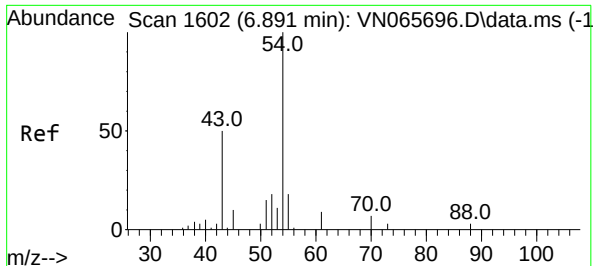
MMDadoda
2/4/2021 10:33:17 AM



#42
Vinyl Acetate
Concen: 953.63 ug/l
RT: 5.846 min Scan# 1277
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 43 Resp: 4084487
Ion Ratio Lower Upper
43 100
86 9.1 7.9 11.9





#43

Ethyl Acetate

Concen: 186.09 ug/l

RT: 6.888 min Scan# 1601

Delta R.T. -0.003 min

Lab File: VN065699.D

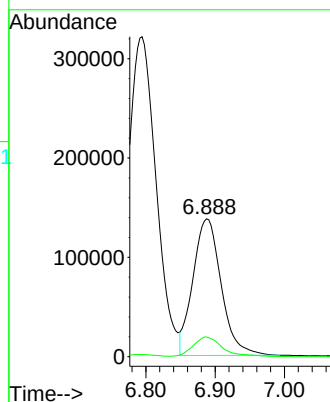
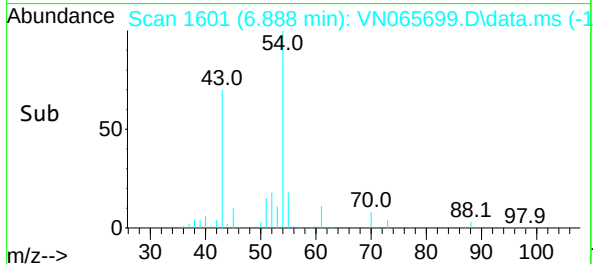
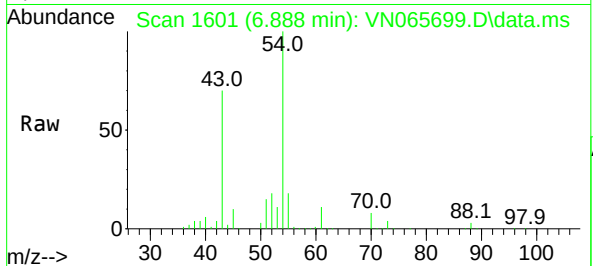
Acq: 3 Feb 2021 14:27

Tgt Ion: 43 Resp: 390234

Ion Ratio Lower Upper

43 100

45 14.7 12.9 19.3



Instrument :

MSVOA_N

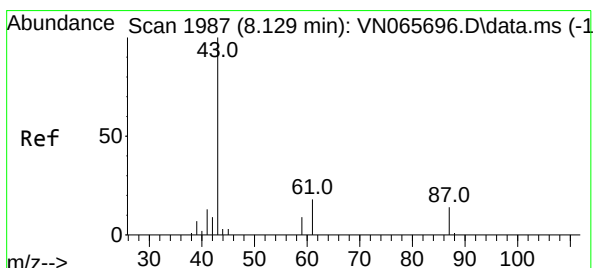
ClientSampleId :

VSTDIC150

Manual Integrations

APPROVED

MMDadoda
2/4/2021 10:33:17 AM



#44

Isopropyl Acetate

Concen: 191.78 ug/l

RT: 8.129 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VN065699.D

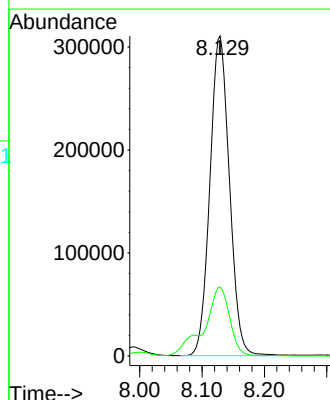
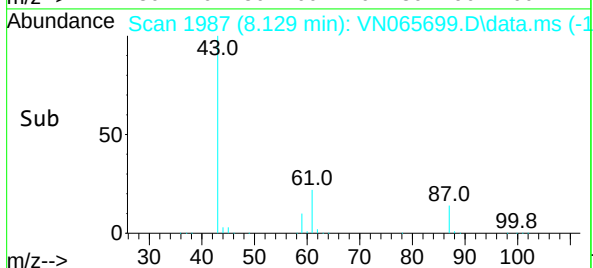
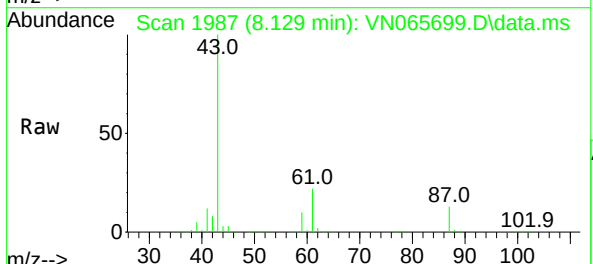
Acq: 3 Feb 2021 14:27

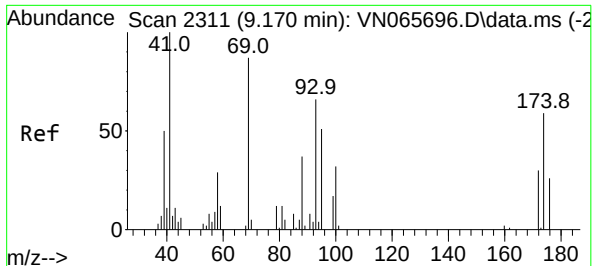
Tgt Ion: 43 Resp: 674103

Ion Ratio Lower Upper

43 100

61 22.0 16.8 25.2





#45

1,4-Dioxane

Concen: 4327.80 ug/l

RT: 9.174 min Scan# 2312

Delta R.T. 0.003 min

Lab File: VN065699.D

Acq: 3 Feb 2021 14:27

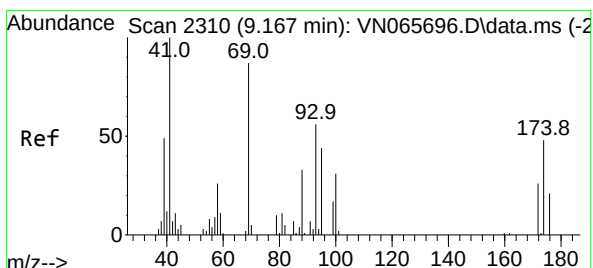
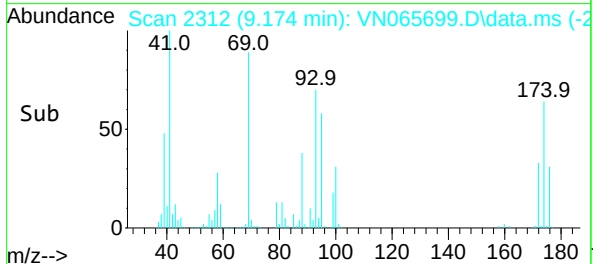
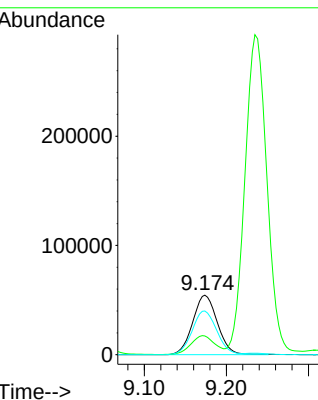
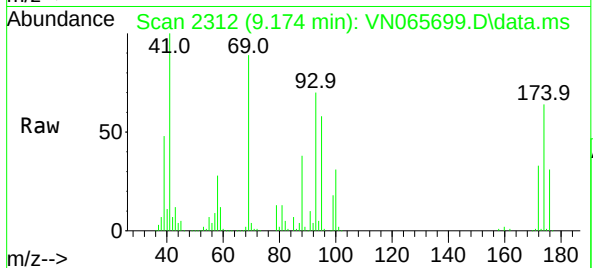
Tgt Ion: 88 Resp: 113532

Ion Ratio Lower Upper

88 100

43 30.5 28.3 42.5

58 73.7 53.8 80.6



#46

Methyl methacrylate

Concen: 188.12 ug/l

RT: 9.164 min Scan# 2309

Delta R.T. -0.003 min

Lab File: VN065699.D

Acq: 3 Feb 2021 14:27

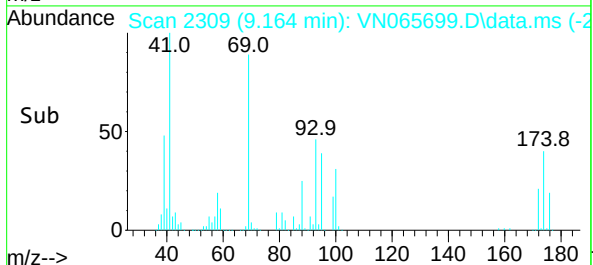
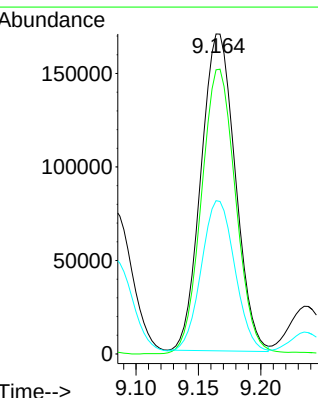
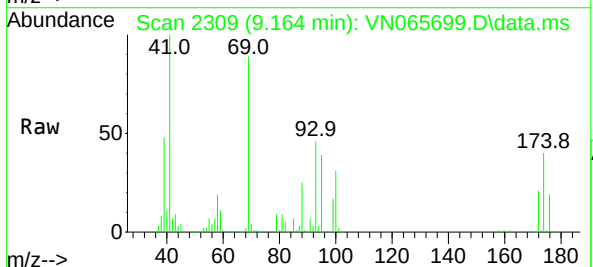
Tgt Ion: 41 Resp: 324042

Ion Ratio Lower Upper

41 100

69 89.5 46.3 138.8

39 47.5 26.8 80.3



Instrument :

MSVOA_N

ClientSampleId :

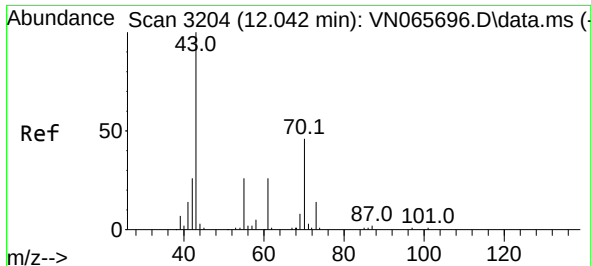
VSTDIC150

Manual Integrations

APPROVED

MMDadoda

2/4/2021 10:33:17 AM



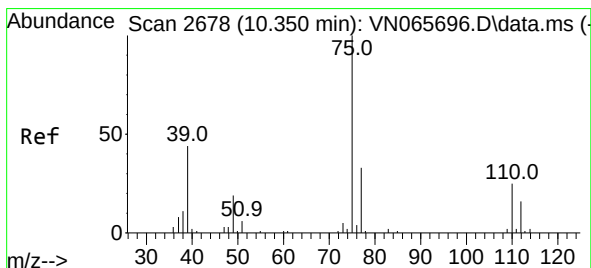
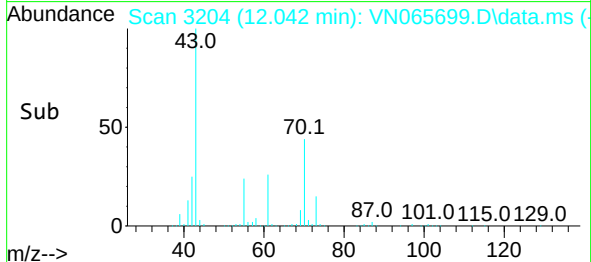
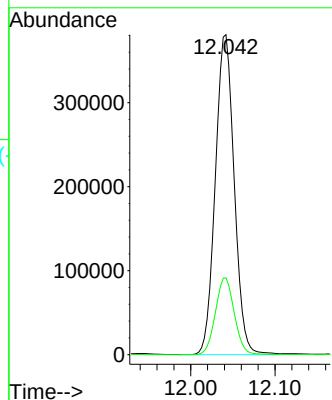
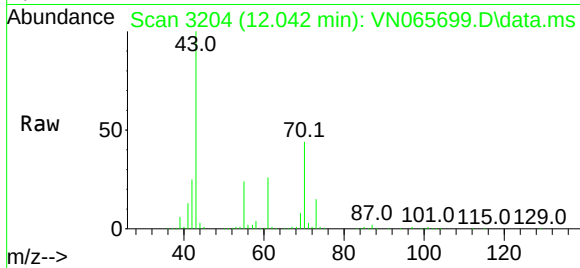
#47
n-amyl Acetate
Concen: 196.50 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 43 Resp: 592428
Ion Ratio Lower Upper
43 100
55 24.1 21.3 31.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

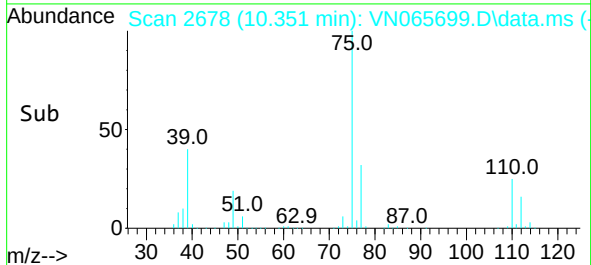
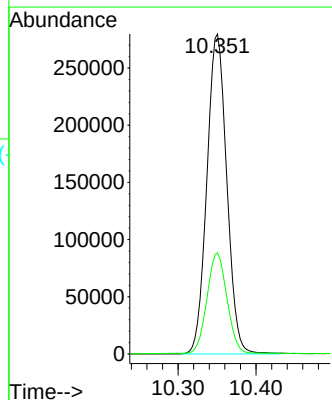
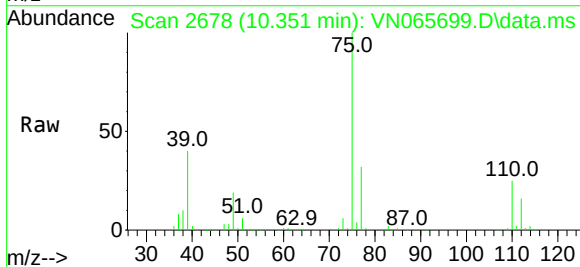
Manual Integrations
APPROVED

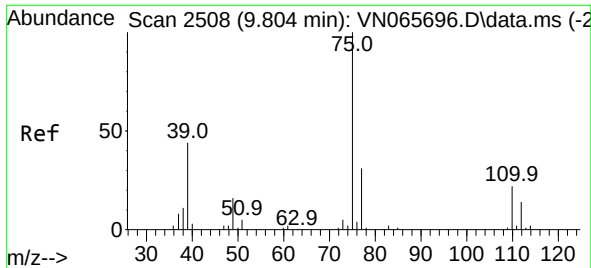
MMDadoda
2/4/2021 10:33:17 AM



#48
t-1,3-Dichloropropene
Concen: 179.55 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 75 Resp: 496265
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7





#49

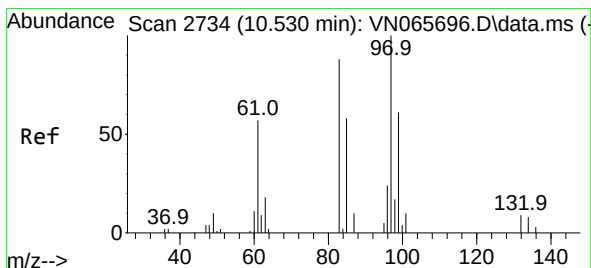
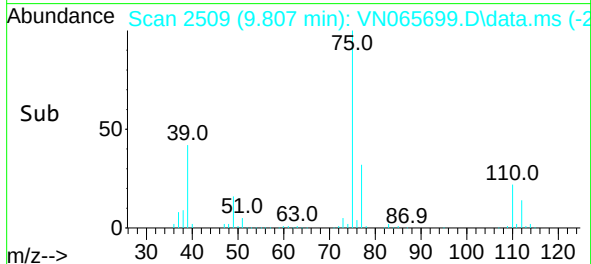
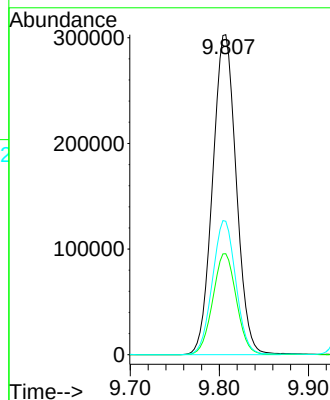
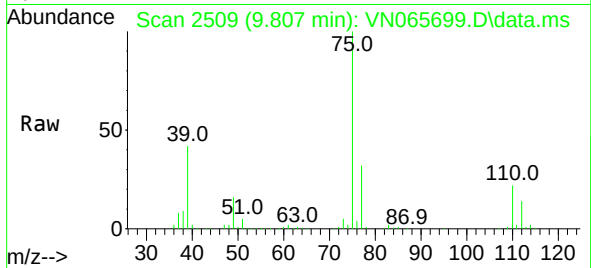
cis-1,3-Dichloropropene
Concen: 183.39 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 75 Resp: 557827
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 41.7 34.4 51.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

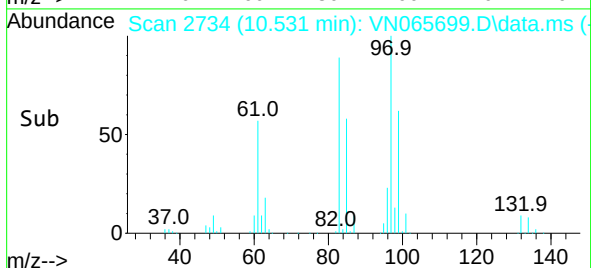
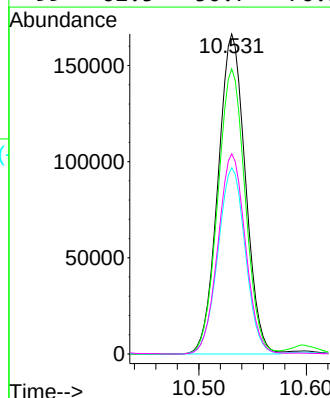
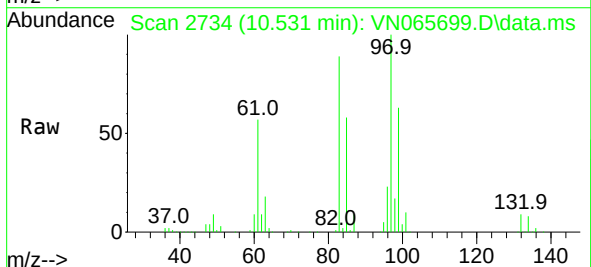
MMDadoda
2/4/2021 10:33:17 AM

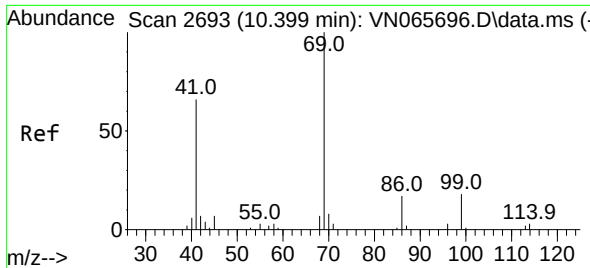


#50

1,1,2-Trichloroethane
Concen: 160.41 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 97 Resp: 293830
Ion Ratio Lower Upper
97 100
83 89.1 68.4 102.6
85 58.2 42.8 64.2
99 62.5 50.7 76.1





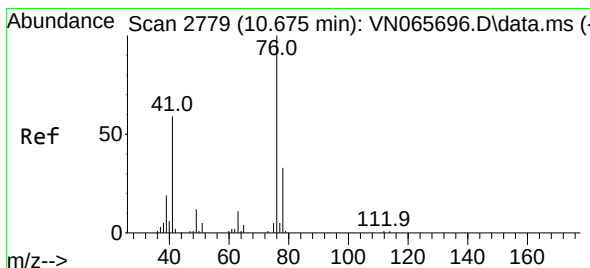
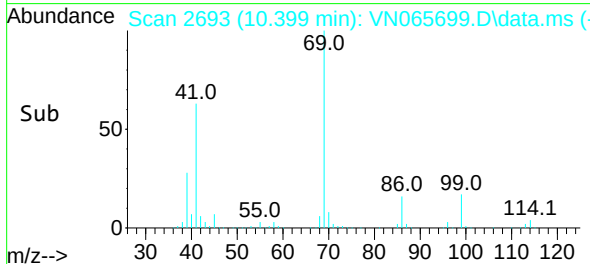
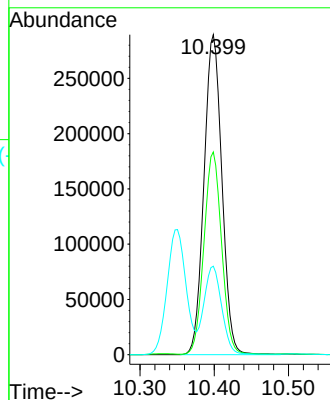
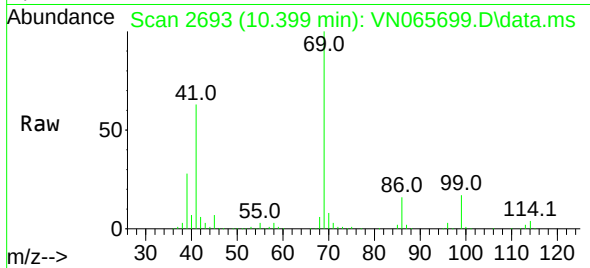
#51
Ethyl methacrylate
Concen: 183.47 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 69 Resp: 485079
Ion Ratio Lower Upper
69 100
41 63.2 31.9 95.7
39 27.5 15.6 46.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

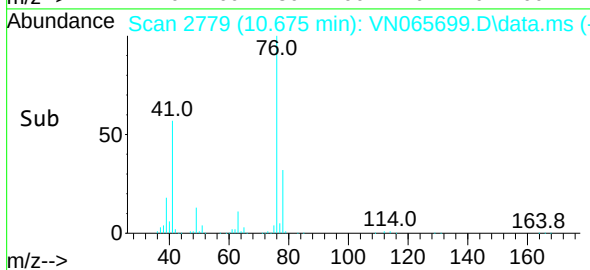
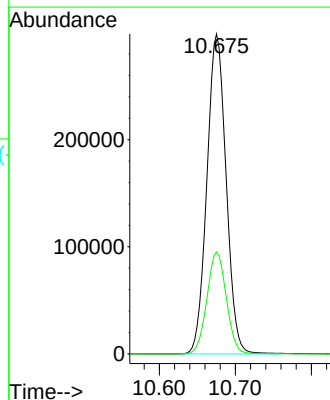
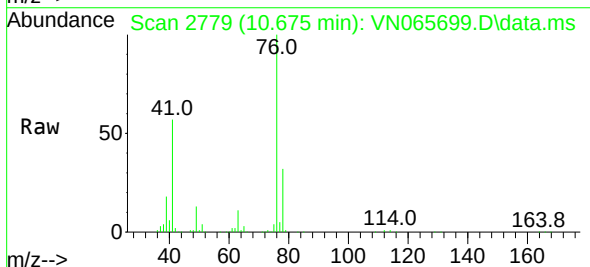
Manual Integrations
APPROVED

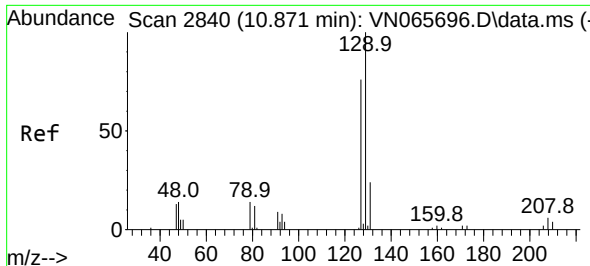
MMDadoda
2/4/2021 10:33:17 AM



#52
1,3-Dichloropropane
Concen: 170.26 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 76 Resp: 525352
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.2





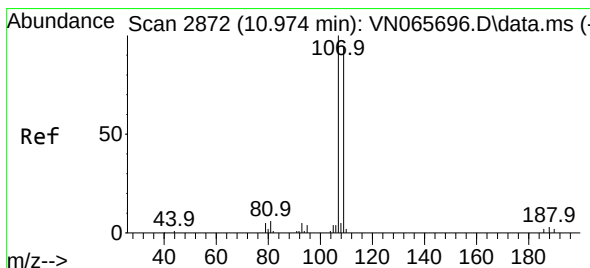
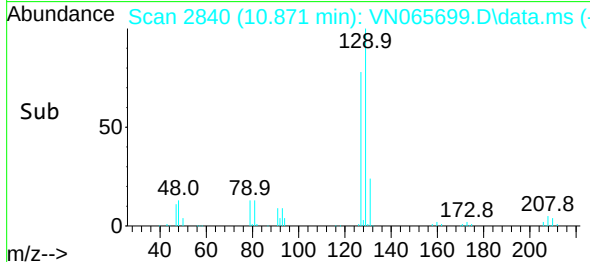
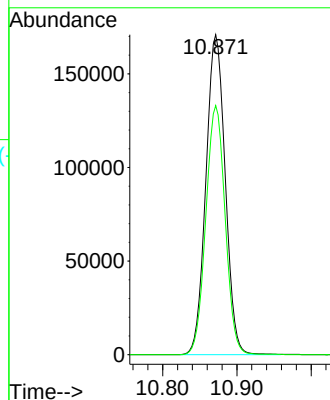
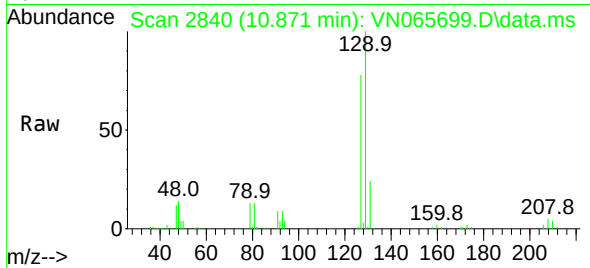
#53
Dibromochloromethane
Concen: 154.03 ug/l
RT: 10.871 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion:129 Resp: 308900
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

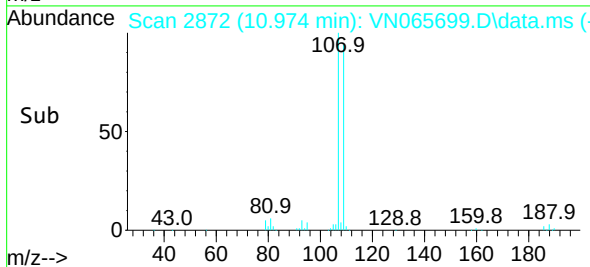
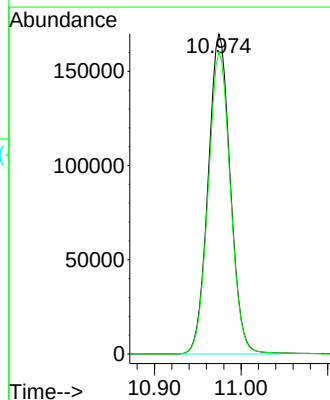
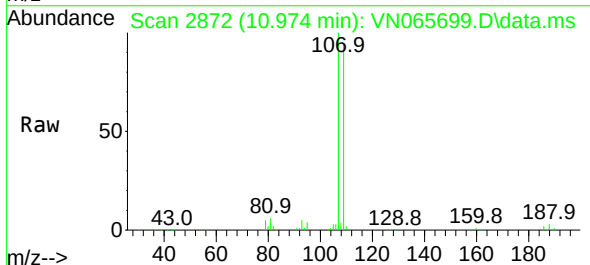
Manual Integrations
APPROVED

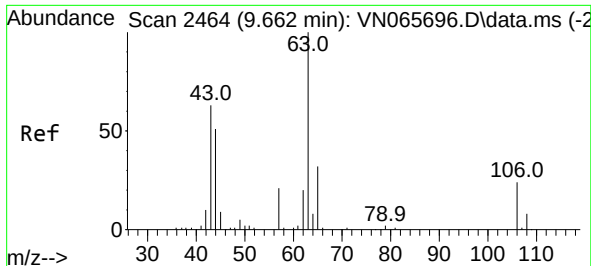
MMDadoda
2/4/2021 10:33:17 AM



#54
1,2-Dibromoethane
Concen: 155.14 ug/l
RT: 10.974 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

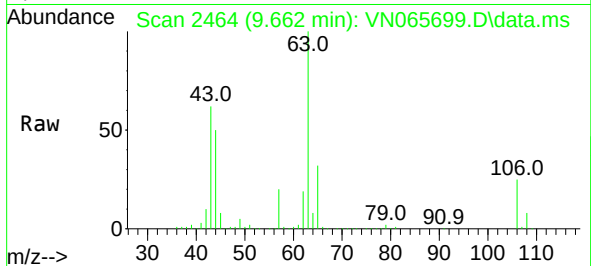
Tgt Ion:107 Resp: 301375
Ion Ratio Lower Upper
107 100
109 94.7 76.6 115.0





#55
2-Chloroethyl vinyl ether
Concen: 936.83 ug/l
RT: 9.662 min Scan# 2464
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

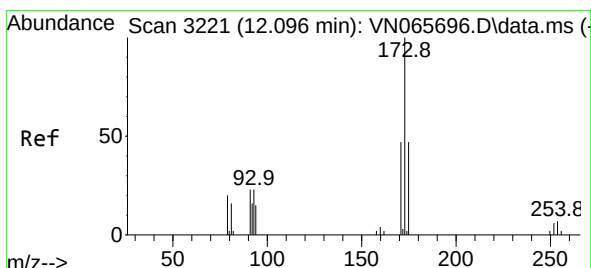
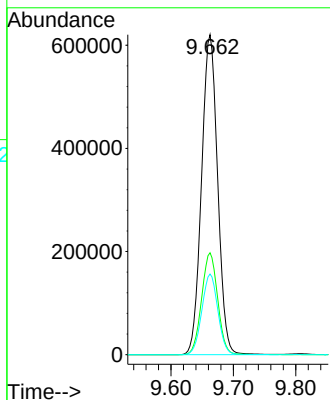
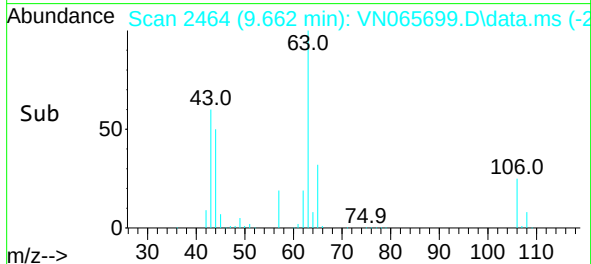
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



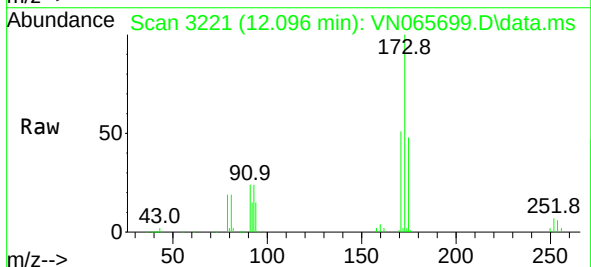
Tgt Ion: 63 Resp: 1113490
Ion Ratio Lower Upper
63 100
65 31.7 25.7 38.5
106 25.1 23.1 34.7

Manual Integrations
APPROVED

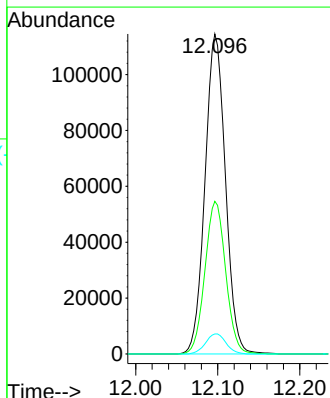
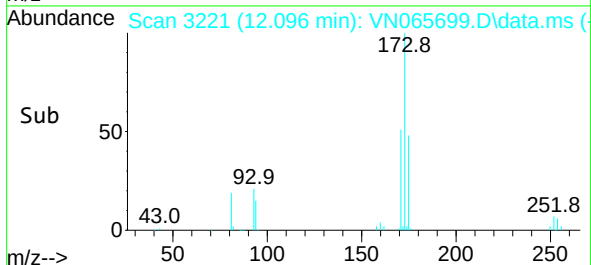
MMDadoda
2/4/2021 10:33:17 AM

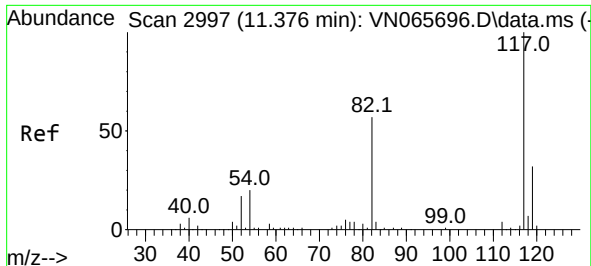


#56
Bromoform
Concen: 130.27 ug/l
RT: 12.096 min Scan# 3221
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



Tgt Ion: 173 Resp: 198351
Ion Ratio Lower Upper
173 100
175 48.4 38.2 57.4
254 6.3 9.8 14.8#





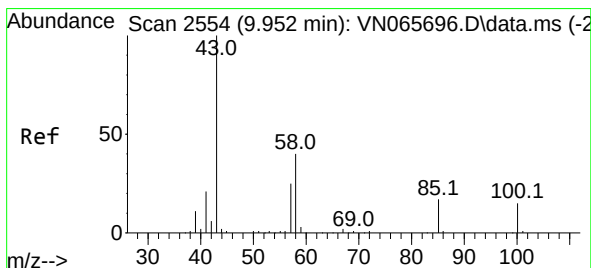
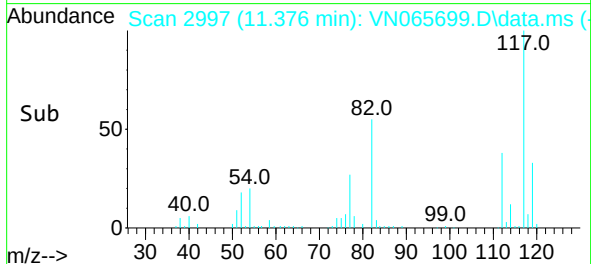
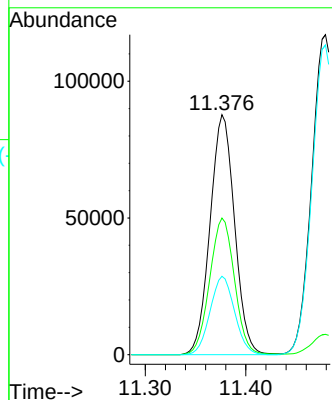
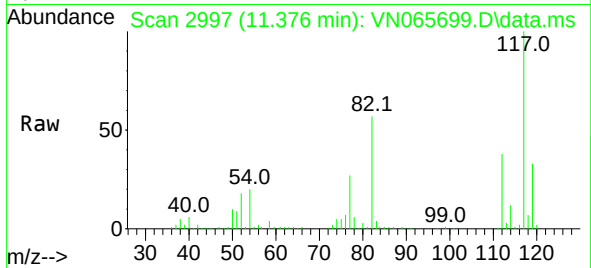
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 117 Resp: 148844
Ion Ratio Lower Upper
117 100
82 57.6 41.3 61.9
119 32.6 25.7 38.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

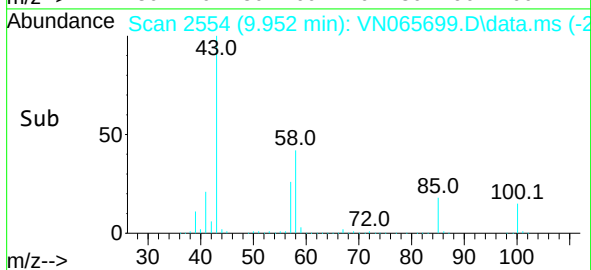
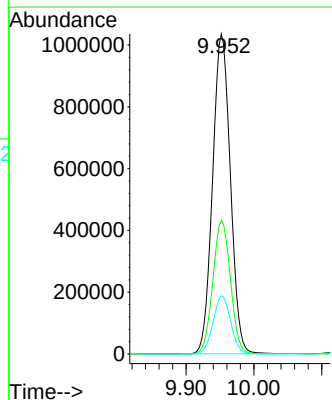
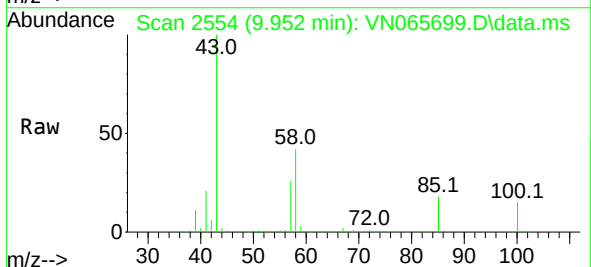
Manual Integrations
APPROVED

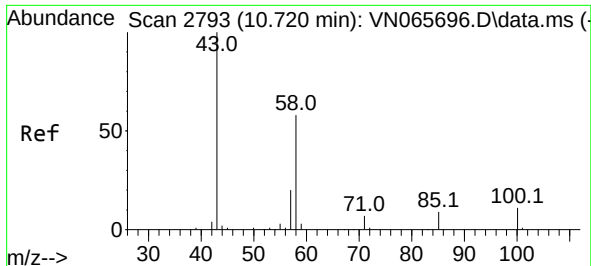
MMDadoda
2/4/2021 10:33:17 AM



#58
4-Methyl-2-Pentanone
Concen: 918.94 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 43 Resp: 1885856
Ion Ratio Lower Upper
43 100
58 41.4 32.7 49.1
85 18.0 16.0 24.0





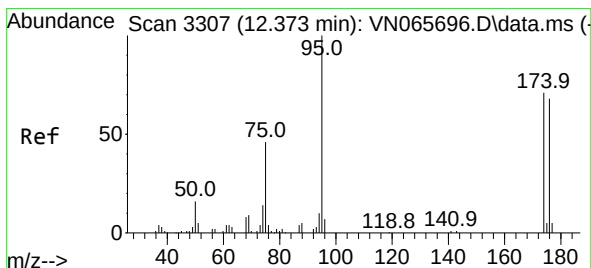
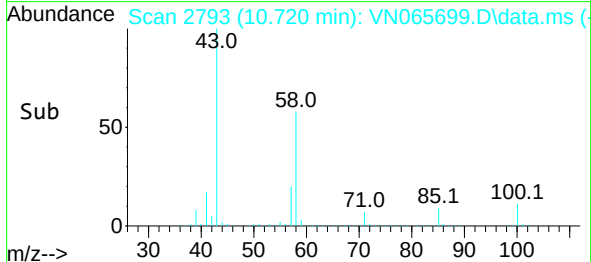
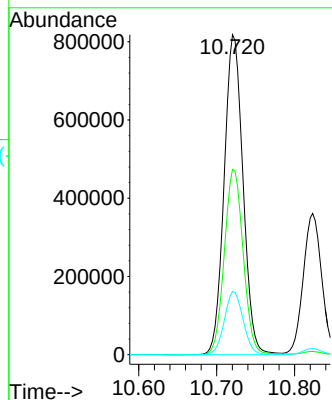
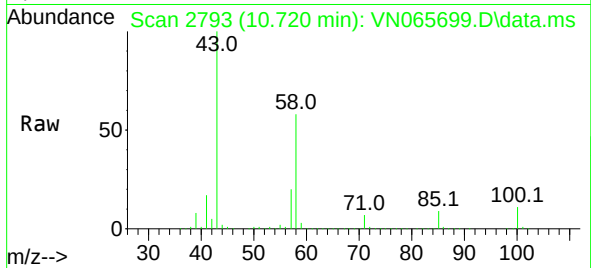
#59
2-Hexanone
Concen: 926.02 ug/l
RT: 10.720 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 43 Resp: 1374831
Ion Ratio Lower Upper
43 100
58 58.2 45.4 68.0
57 19.7 15.8 23.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

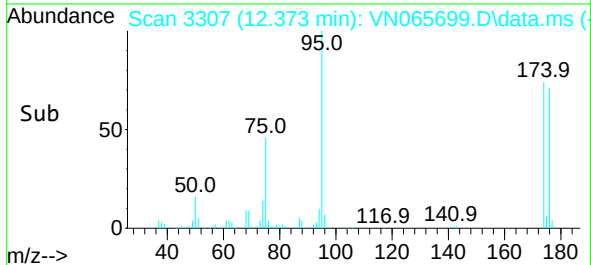
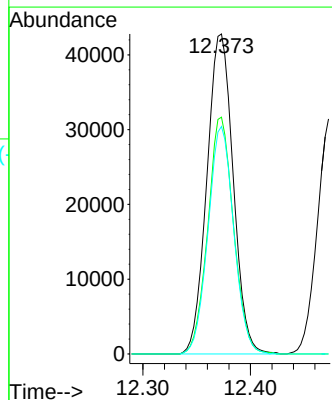
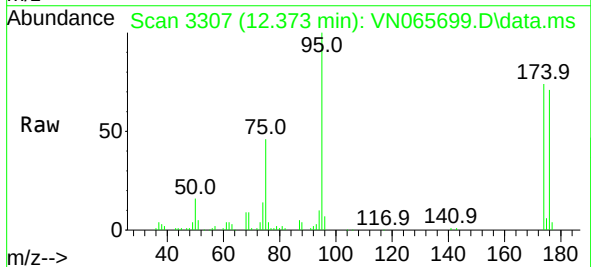
Manual Integrations
APPROVED

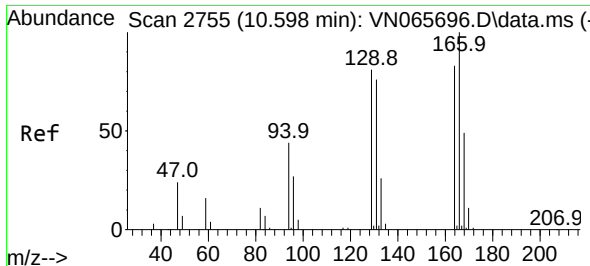
MMDadoda
2/4/2021 10:33:17 AM



#60
4-Bromofluorobenzene
Concen: 31.64 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

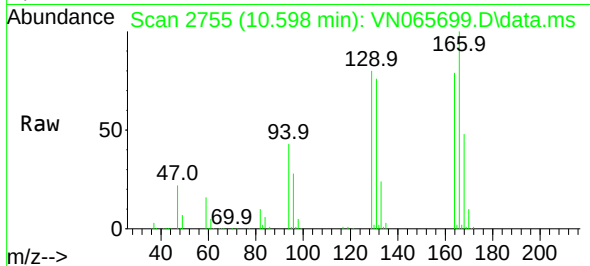
Tgt Ion: 95 Resp: 72796
Ion Ratio Lower Upper
95 100
174 72.4 77.0 115.6#
176 69.3 75.8 113.6#



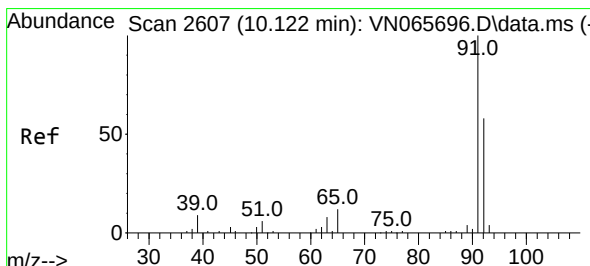
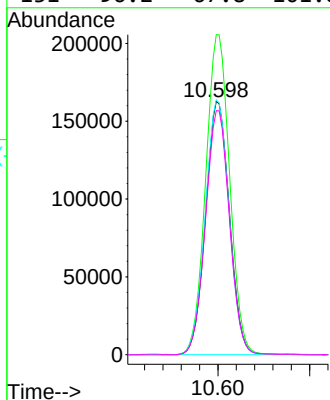
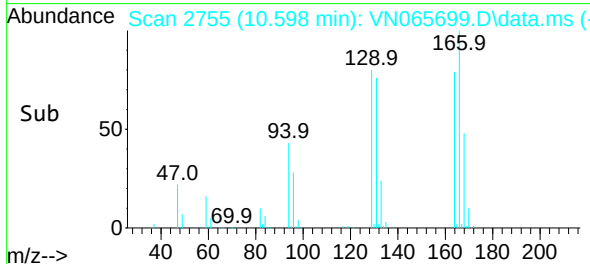


#61
Tetrachloroethene
Concen: 128.67 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

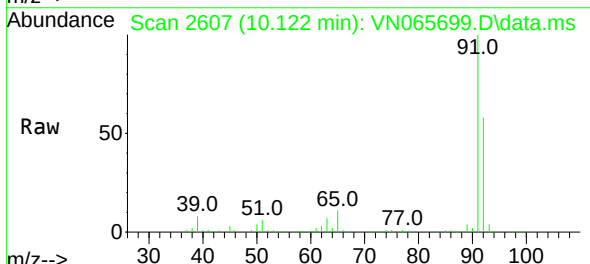
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



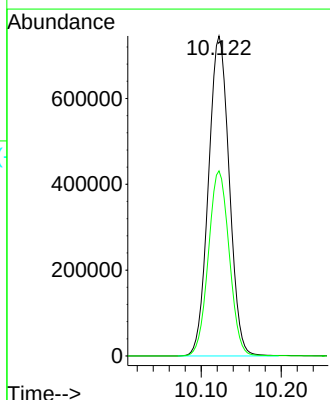
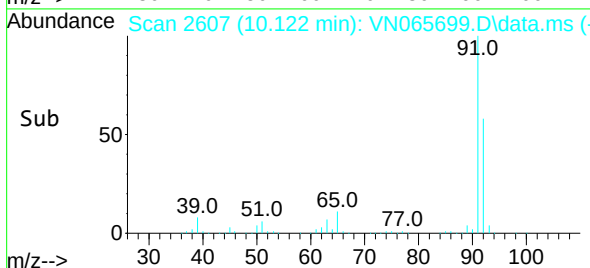
Tgt Ion:164 Resp: 294451
Ion Ratio Lower Upper
164 100
166 126.2 101.2 151.8
129 100.5 69.7 104.5
131 96.2 67.8 101.8

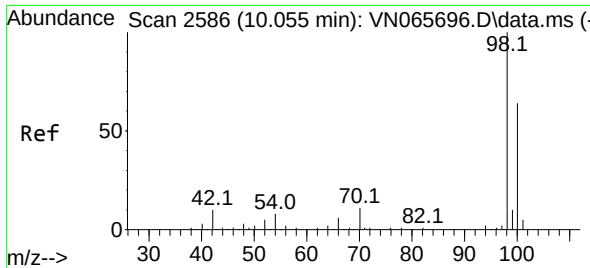


#62
Toluene
Concen: 170.54 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



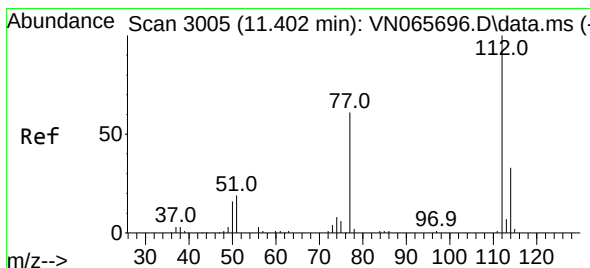
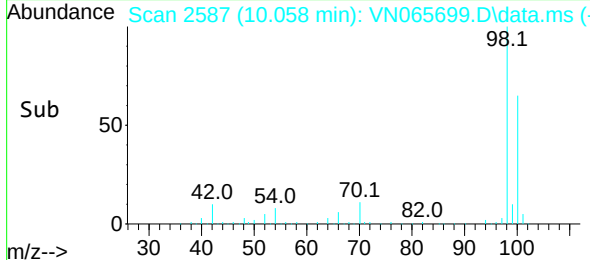
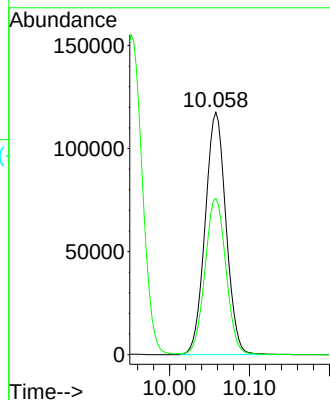
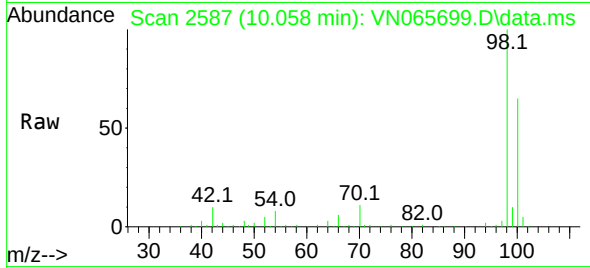
Tgt Ion: 91 Resp: 1344242
Ion Ratio Lower Upper
91 100
92 58.2 46.2 69.4





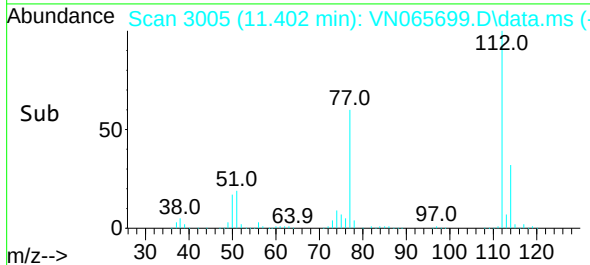
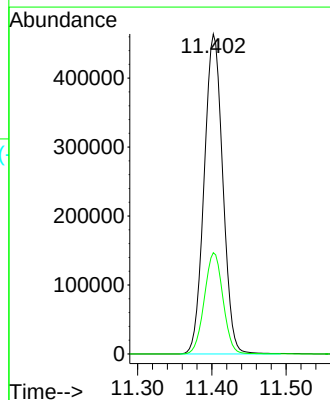
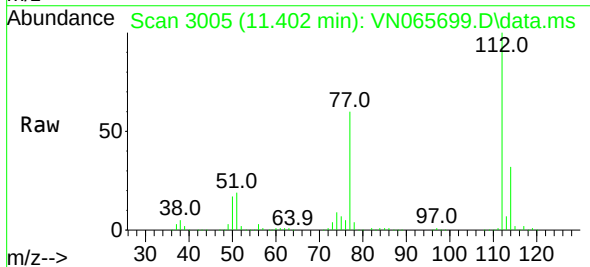
#63
Toluene-d8
Concen: 32.09 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 98 Resp: 213383
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#64
Chlorobenzene
Concen: 160.23 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

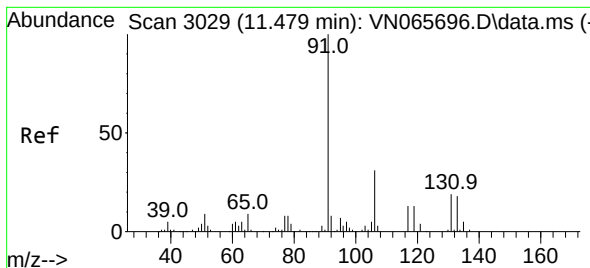
Tgt Ion: 112 Resp: 806733
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



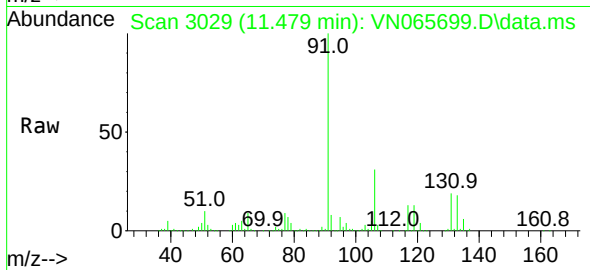
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

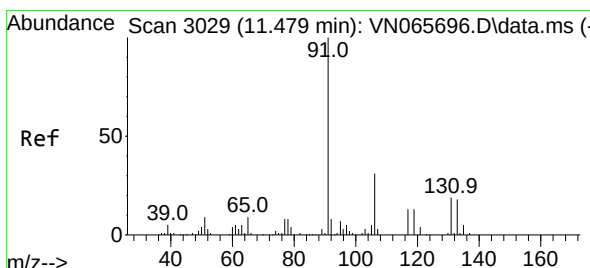
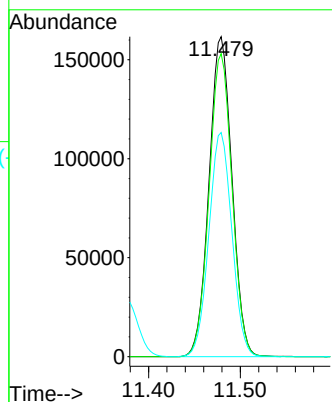
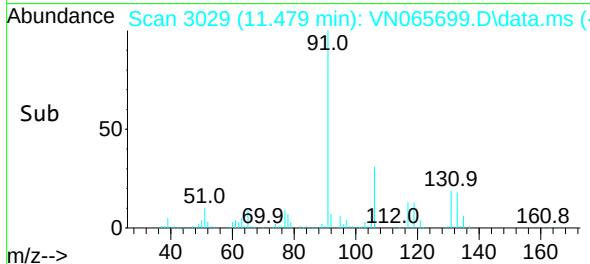
MMDadoda
2/4/2021 10:33:17 AM



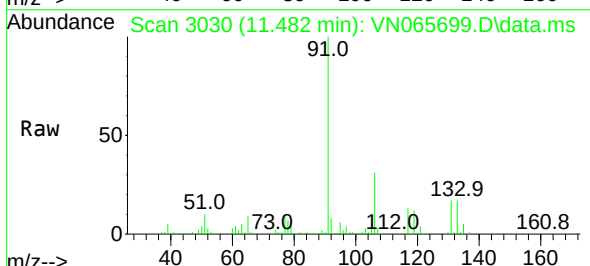
#65
1,1,1,2-Tetrachloroethane
Concen: 150.56 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



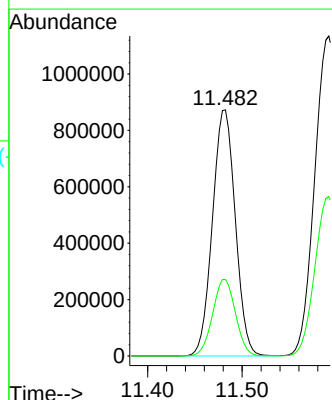
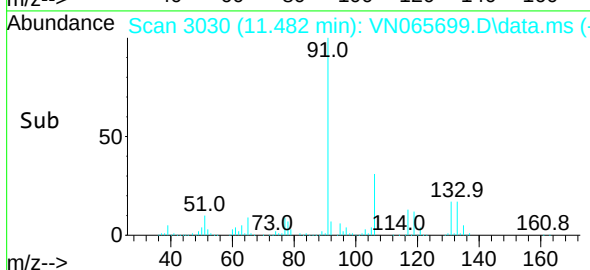
Tgt Ion:131 Resp: 281168
Ion Ratio Lower Upper
131 100
133 94.7 0.0 186.2
119 70.4 0.0 131.6



#66
Ethyl Benzene
Concen: 170.43 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



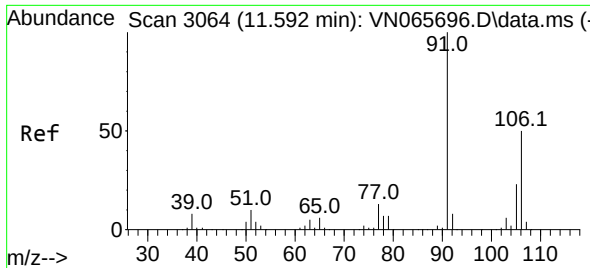
Tgt Ion: 91 Resp: 1466765
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
2/4/2021 10:33:17 AM



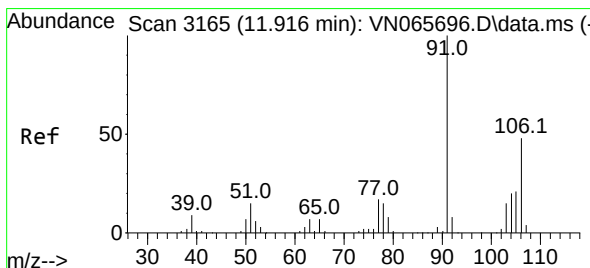
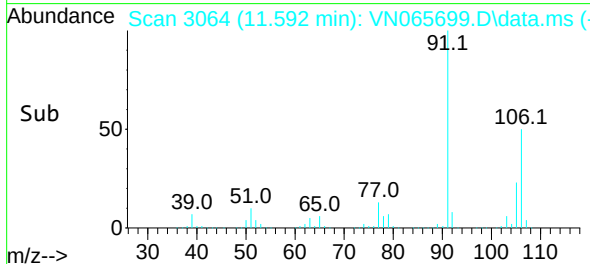
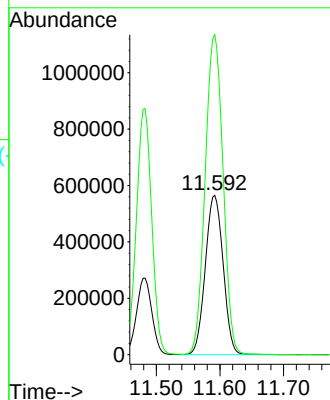
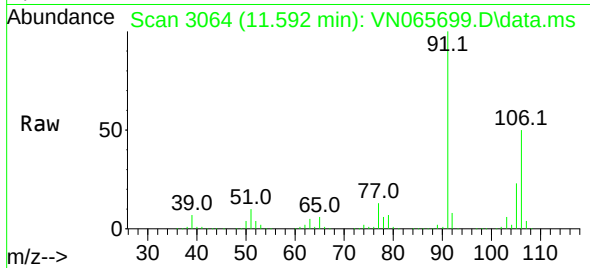
#67
m/p-Xylenes
Concen: 328.68 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion:106 Resp: 1097027
Ion Ratio Lower Upper
106 100
91 202.2 159.0 238.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

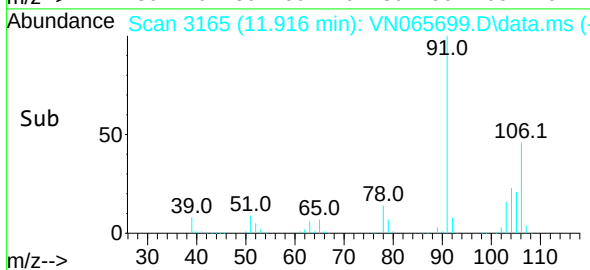
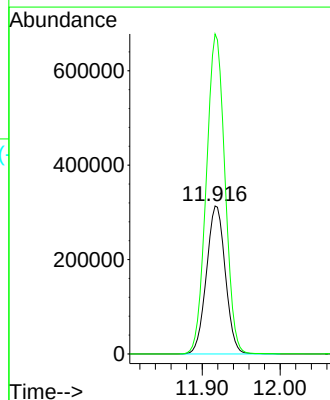
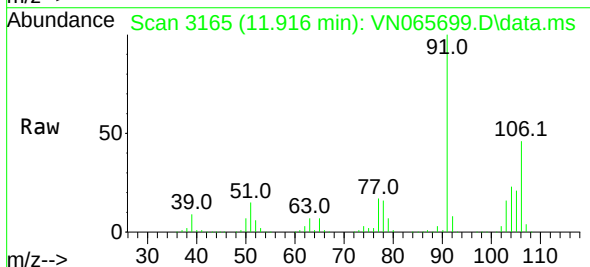
Manual Integrations
APPROVED

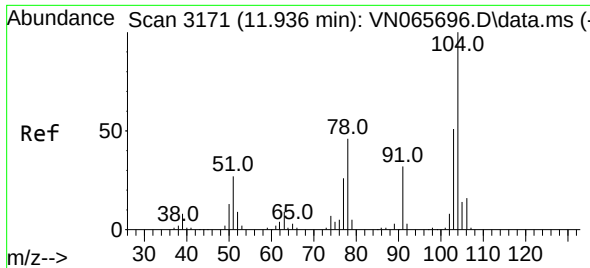
MMDadoda
2/4/2021 10:33:17 AM



#68
o-Xylene
Concen: 162.93 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion:106 Resp: 526766
Ion Ratio Lower Upper
106 100
91 214.0 104.7 313.9





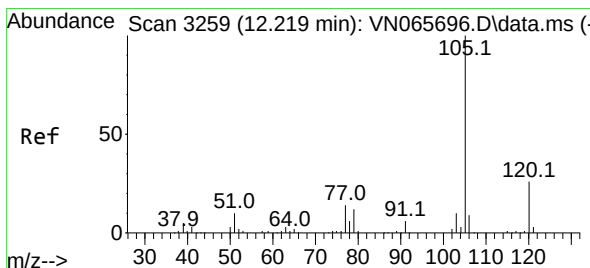
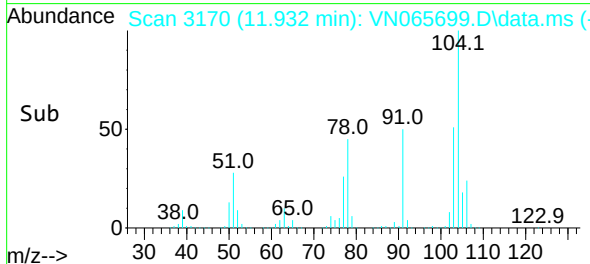
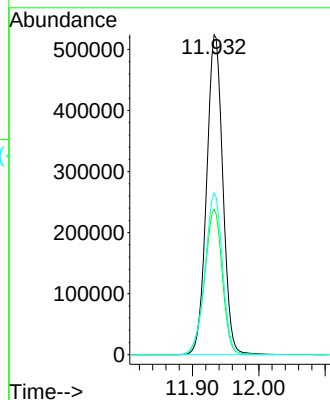
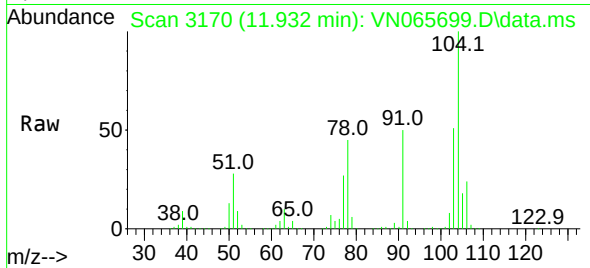
#69
Styrene
Concen: 166.16 ug/l
RT: 11.932 min Scan# 3170
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion:104 Resp: 888649
Ion Ratio Lower Upper
104 100
78 49.6 38.0 57.0
103 54.7 44.3 66.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

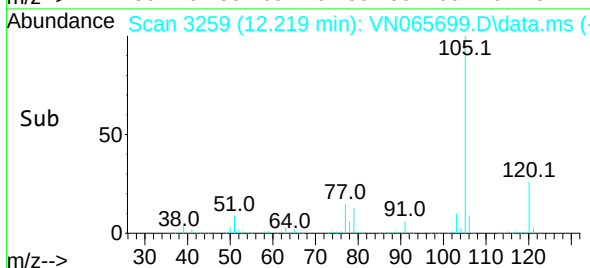
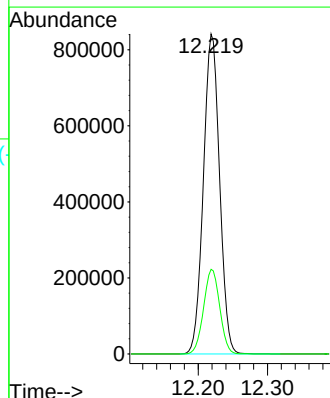
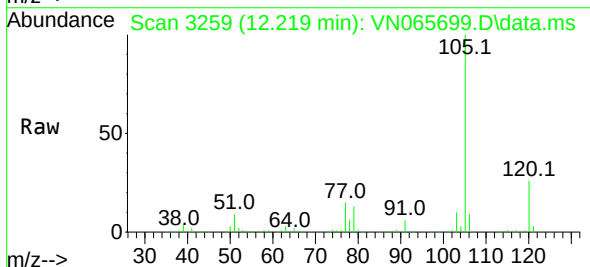
Manual Integrations
APPROVED

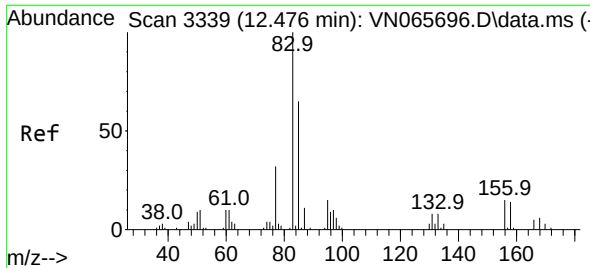
MMDadoda
2/4/2021 10:33:17 AM



#70
Isopropylbenzene
Concen: 161.97 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion:105 Resp: 1364108
Ion Ratio Lower Upper
105 100
120 26.3 19.3 35.9





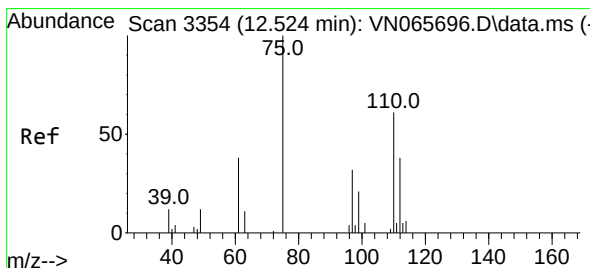
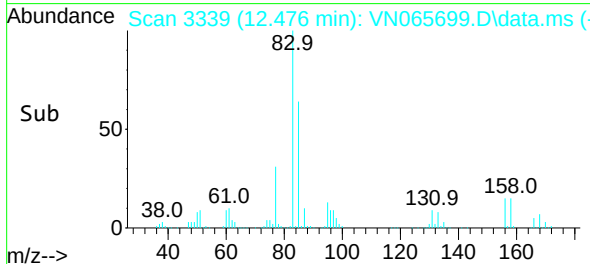
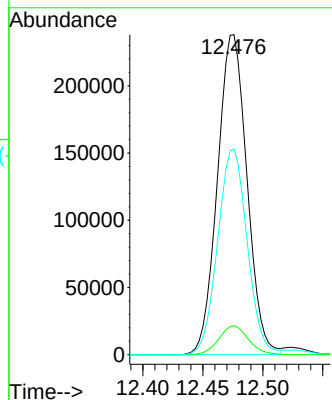
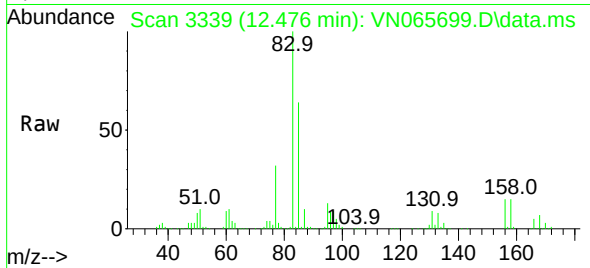
#71
1,1,2,2-Tetrachloroethane
Concen: 169.23 ug/l
RT: 12.476 min Scan# 3339
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 83 Resp: 408024
Ion Ratio Lower Upper
83 100
131 9.0 5.5 16.4
85 64.2 32.1 96.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

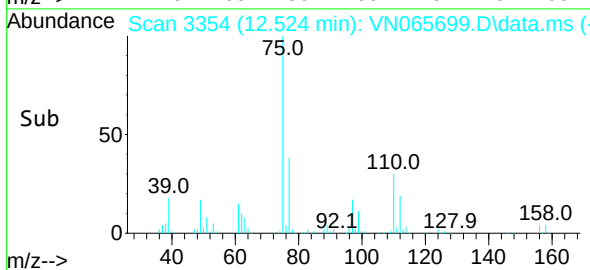
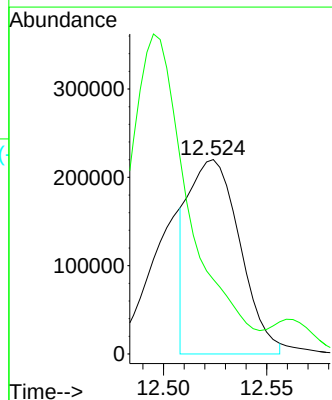
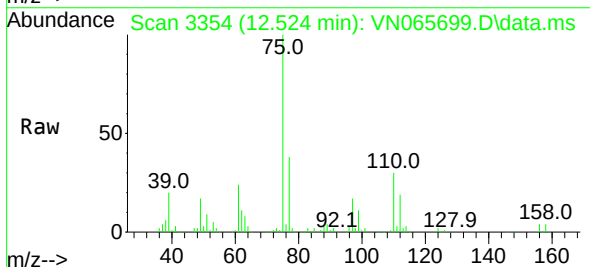
Manual Integrations
APPROVED

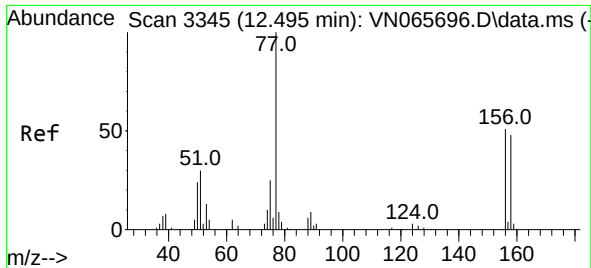
MMDadoda
2/4/2021 10:33:17 AM



#72
1,2,3-Trichloropropane
Concen: 161.54 ug/l m
RT: 12.524 min Scan# 3354
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 75 Resp: 375776
Ion Ratio Lower Upper
75 100
77 195.8 0.0 366.4





#73
Bromobenzene
Concen: 134.63 ug/l
RT: 12.495 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

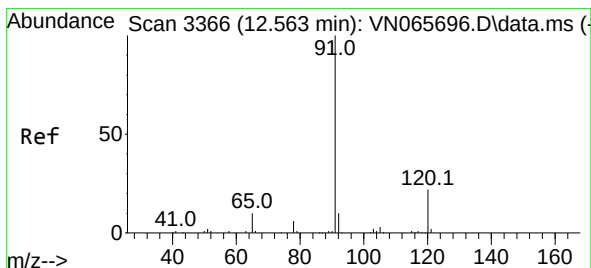
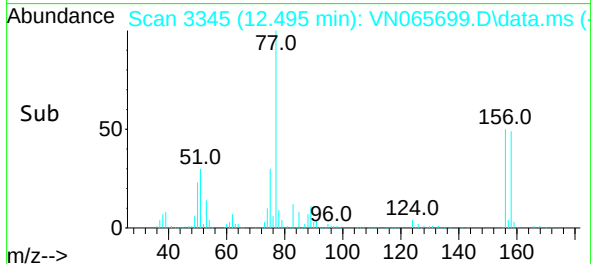
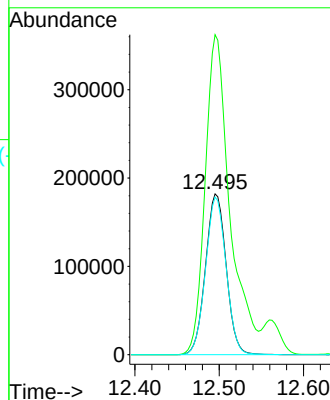
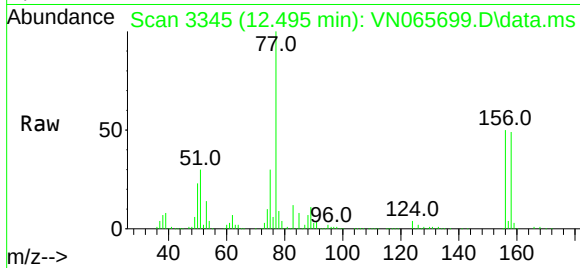
Tgt Ion:156 Resp: 311019

Ion	Ratio	Lower	Upper
156	100		
77	236.5	0.0	348.8
158	97.6	0.0	194.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

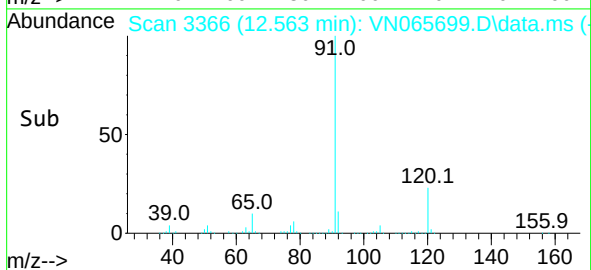
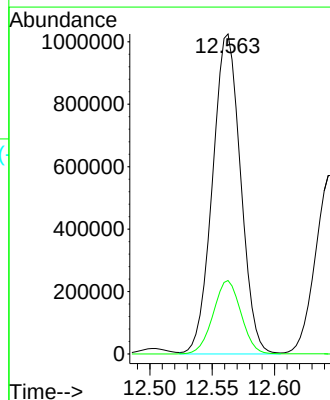
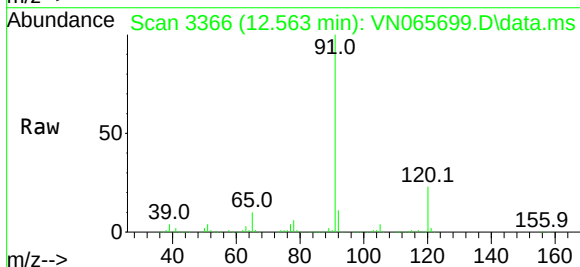
MMDadoda
2/4/2021 10:33:17 AM

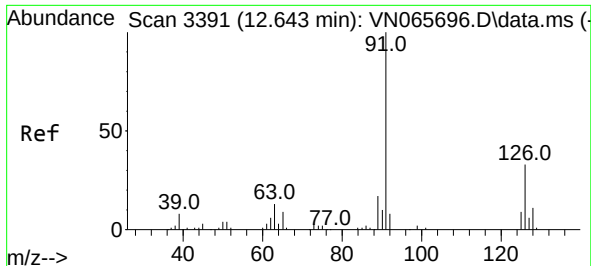


#74
n-propylbenzene
Concen: 169.95 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 91 Resp: 1608379

Ion	Ratio	Lower	Upper
91	100		
120	22.7	0.0	49.4





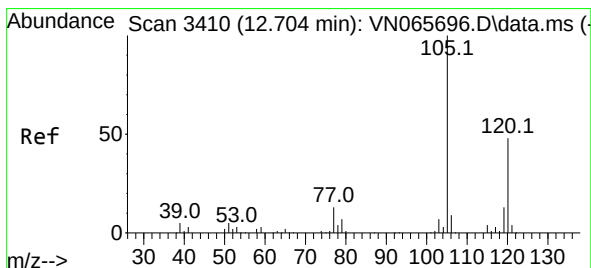
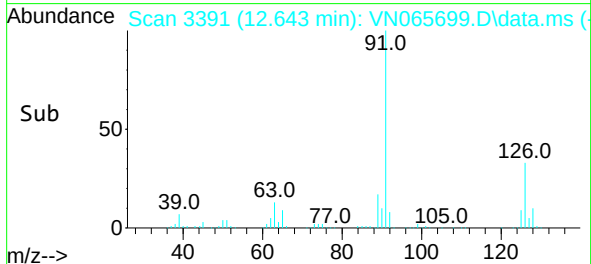
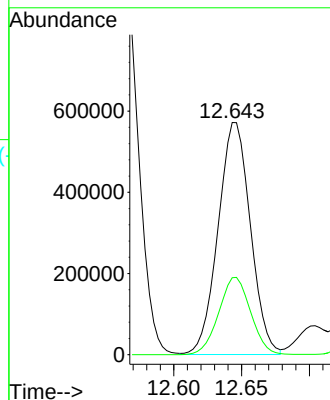
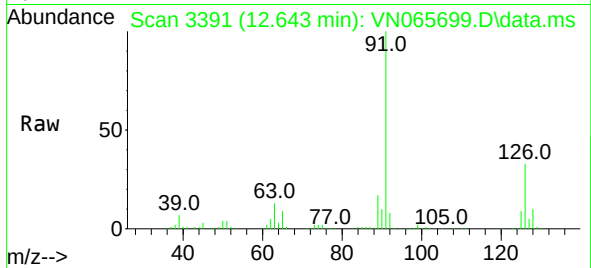
#75
2-Chlorotoluene
Concen: 165.82 ug/l
RT: 12.643 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion: 91 Resp: 949589
Ion Ratio Lower Upper
91 100
126 32.9 0.0 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

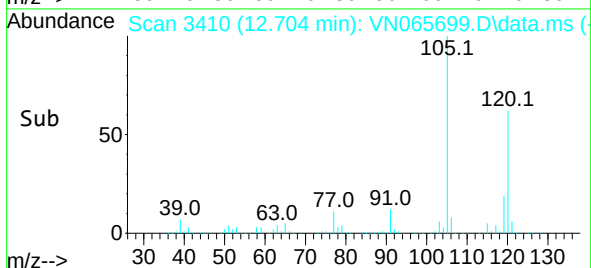
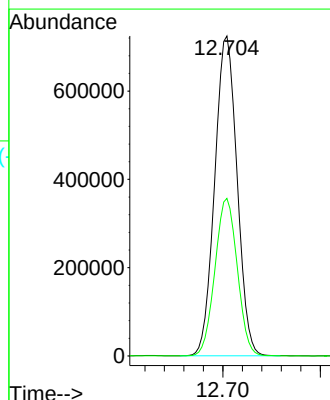
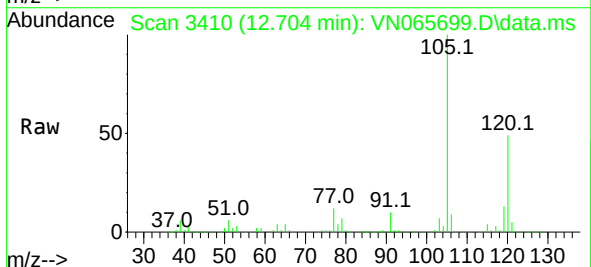
Manual Integrations
APPROVED

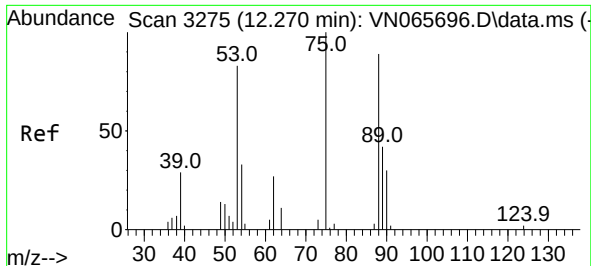
MMDadoda
2/4/2021 10:33:17 AM



#76
1,3,5-Trimethylbenzene
Concen: 160.92 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

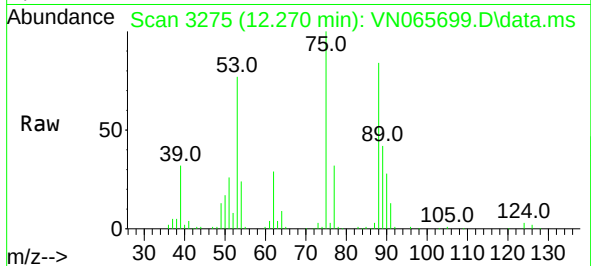
Tgt Ion: 105 Resp: 1154258
Ion Ratio Lower Upper
105 100
120 49.4 0.0 101.6





#77
t-1,4-Dichloro-2-butene
Concen: 199.77 ug/l
RT: 12.270 min Scan# 3275
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

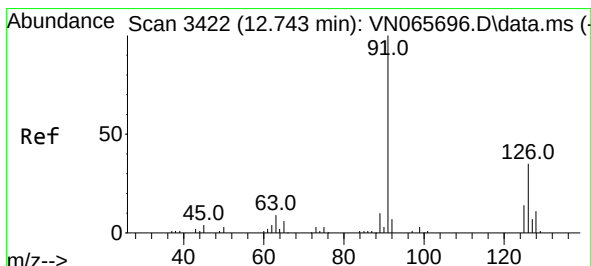
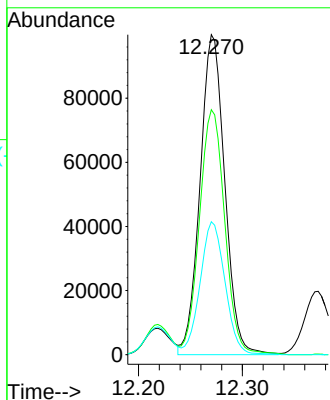
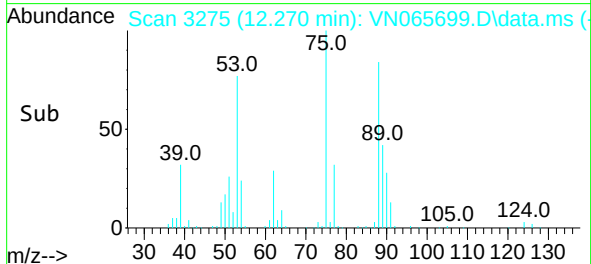
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



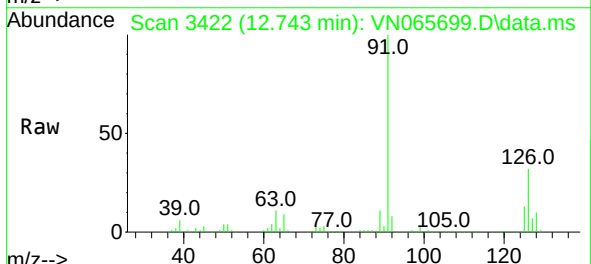
Tgt Ion: 75 Resp: 165243
Ion Ratio Lower Upper
75 100
53 76.5 44.9 134.5
89 41.5 21.3 64.0

Manual Integrations
APPROVED

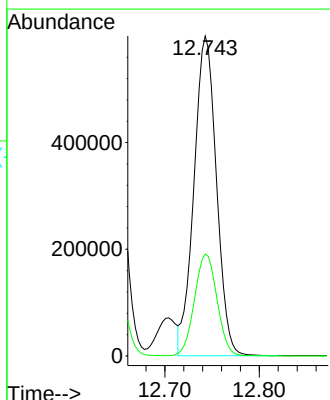
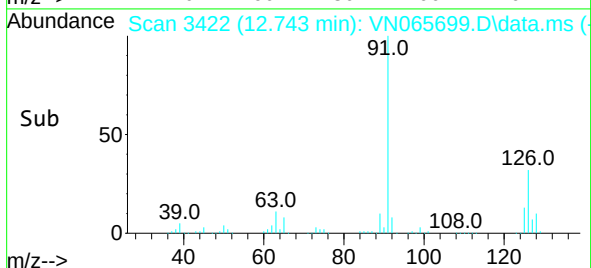
MMDadoda
2/4/2021 10:33:17 AM

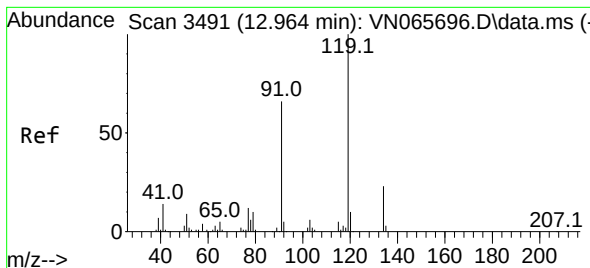


#78
4-Chlorotoluene
Concen: 171.60 ug/l
RT: 12.743 min Scan# 3422
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



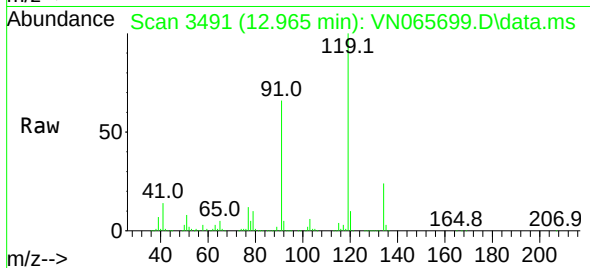
Tgt Ion: 91 Resp: 987233
Ion Ratio Lower Upper
91 100
126 32.0 0.0 71.4





#79
tert-butylbenzene
Concen: 154.17 ug/l
RT: 12.965 min Scan# 3491
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

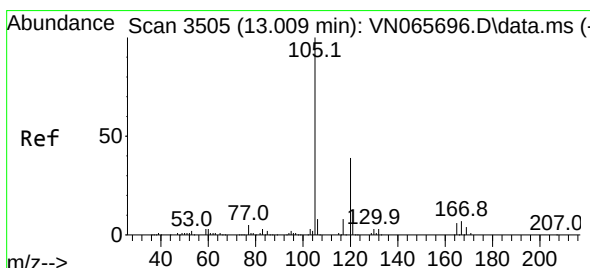
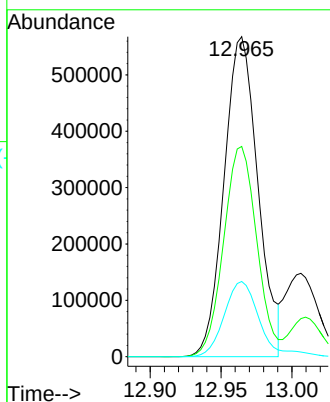
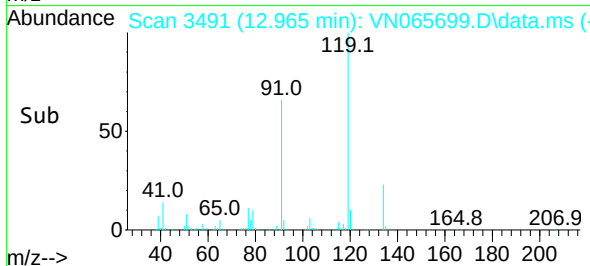
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



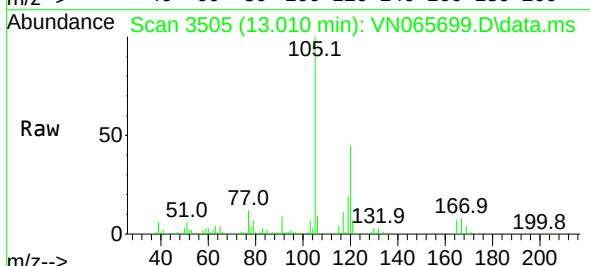
Tgt Ion:119 Resp: 946084
Ion Ratio Lower Upper
119 100
91 64.7 0.0 126.0
134 23.5 0.0 51.2

Manual Integrations
APPROVED

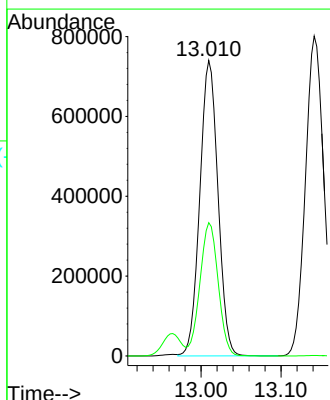
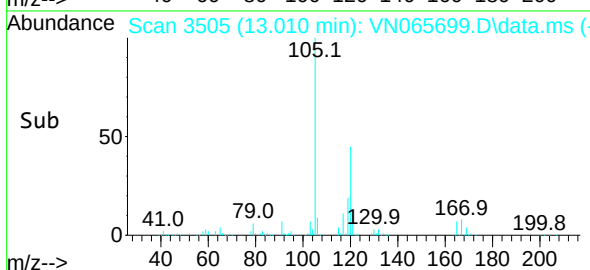
MMDadoda
2/4/2021 10:33:17 AM

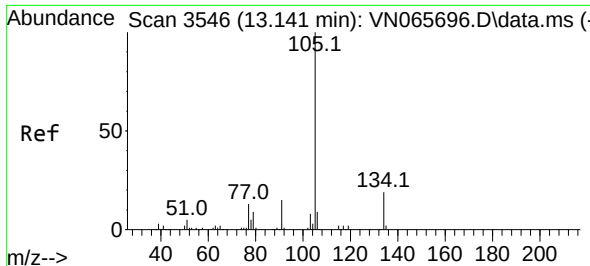


#80
1,2,4-Trimethylbenzene
Concen: 164.05 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



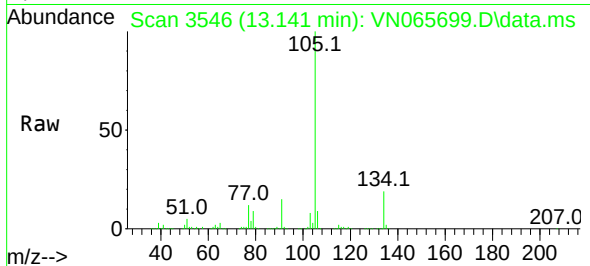
Tgt Ion:105 Resp: 1170766
Ion Ratio Lower Upper
105 100
120 45.5 0.0 93.6





#81
 sec-Butylbenzene
 Concen: 160.22 ug/l
 RT: 13.141 min Scan# 3546
 Delta R.T. 0.000 min
 Lab File: VN065699.D
 Acq: 3 Feb 2021 14:27

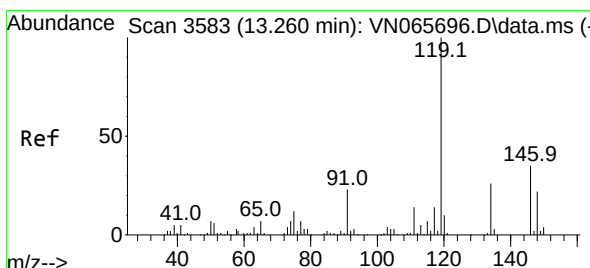
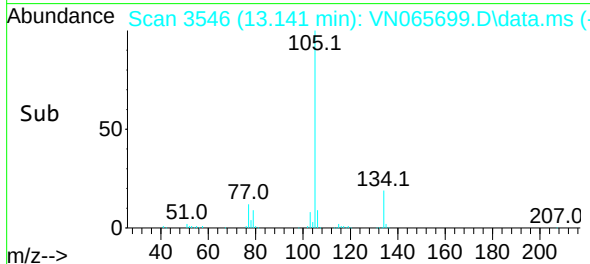
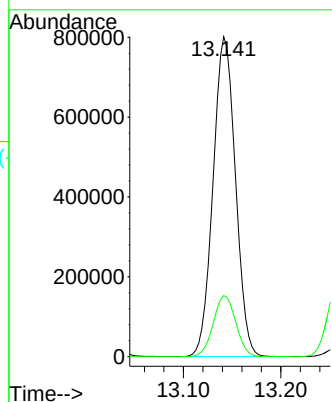
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150



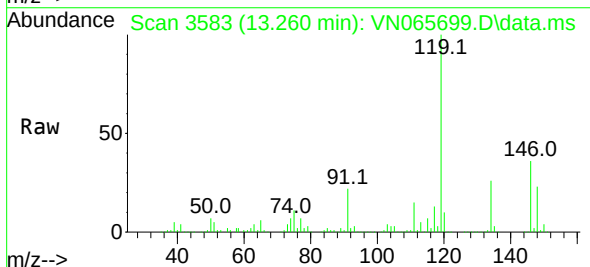
Tgt Ion:105 Resp: 1278277
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 42.2

Manual Integrations
 APPROVED

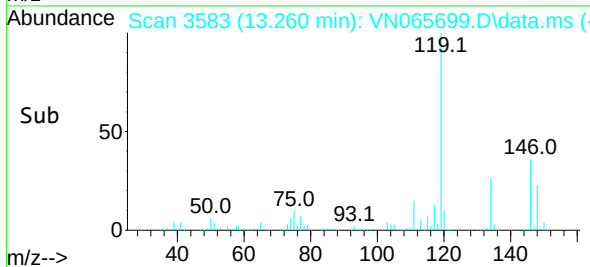
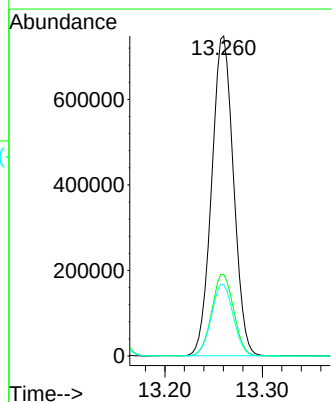
MMDadoda
 2/4/2021 10:33:17 AM

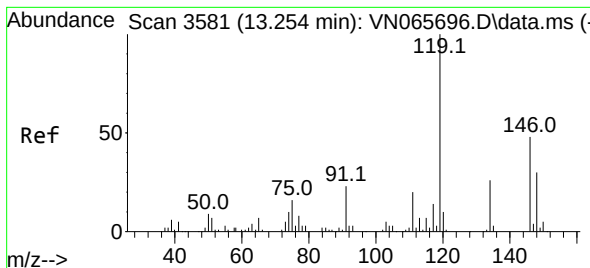


#82
 p-Isopropyltoluene
 Concen: 157.18 ug/l
 RT: 13.260 min Scan# 3583
 Delta R.T. 0.000 min
 Lab File: VN065699.D
 Acq: 3 Feb 2021 14:27



Tgt Ion:119 Resp: 1162111
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 54.8
 91 22.6 0.0 44.8





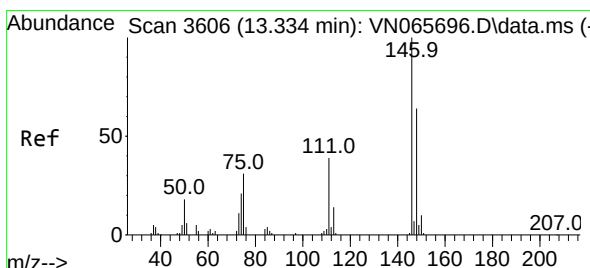
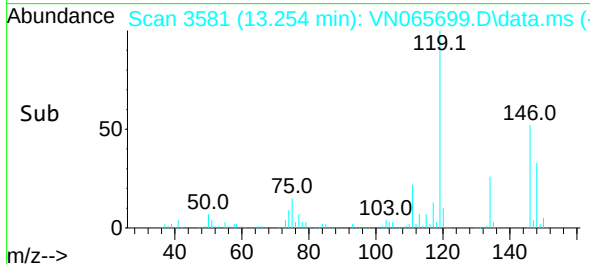
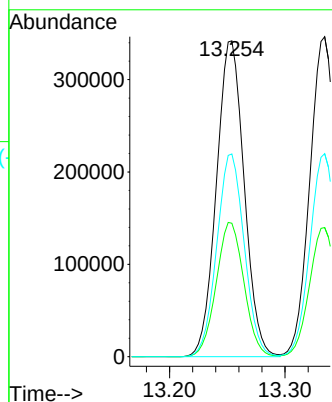
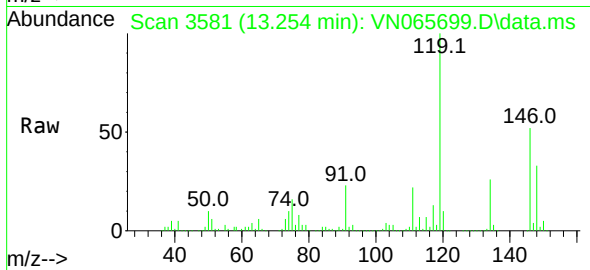
#83
1,3-Dichlorobenzene
Concen: 147.52 ug/l
RT: 13.254 min Scan# 3581
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

Tgt Ion:146 Resp: 570831
Ion Ratio Lower Upper
146 100
111 42.5 18.6 55.8
148 63.6 32.0 96.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

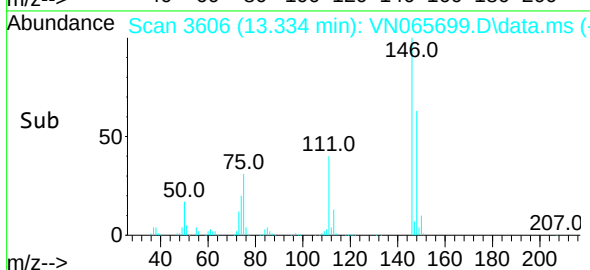
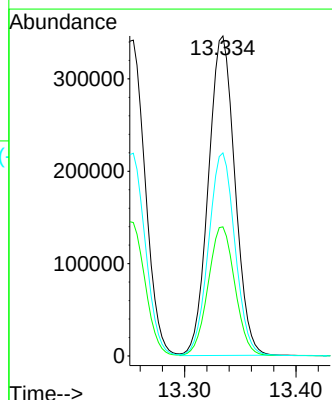
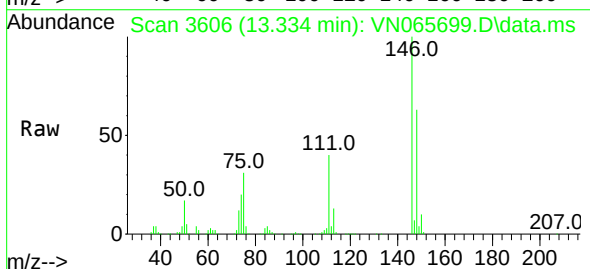
Manual Integrations
APPROVED

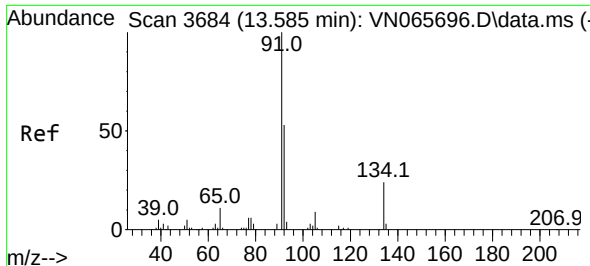
MMDadoda
2/4/2021 10:33:17 AM



#84
1,4-Dichlorobenzene
Concen: 150.83 ug/l
RT: 13.334 min Scan# 3606
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

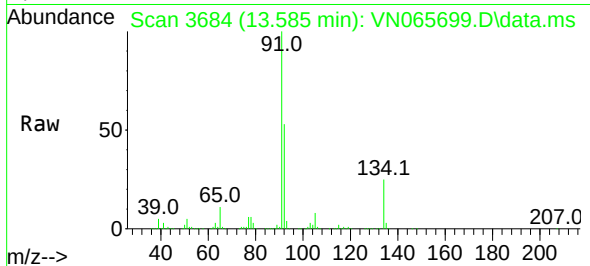
Tgt Ion:146 Resp: 571761
Ion Ratio Lower Upper
146 100
111 41.0 17.9 53.7
148 63.5 31.8 95.4





#85
n-Butylbenzene
Concen: 175.82 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

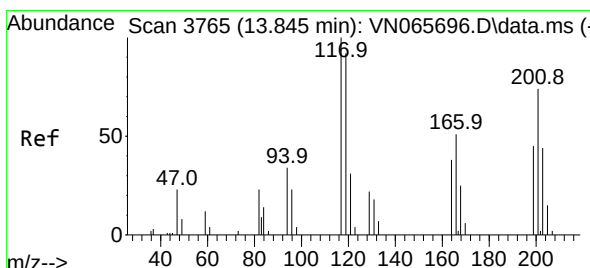
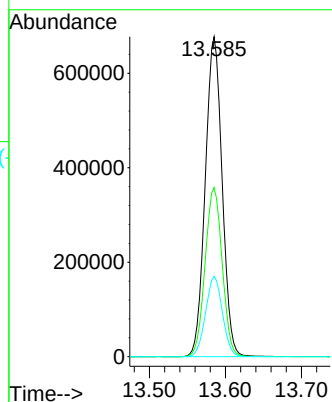
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



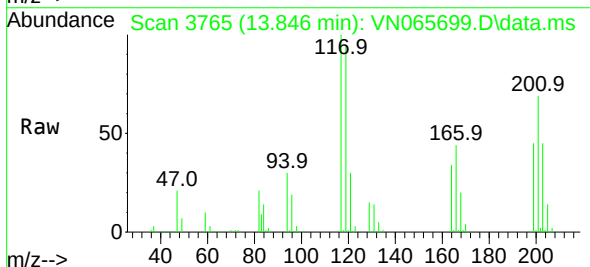
Tgt Ion: 91 Resp: 1046682
Ion Ratio Lower Upper
91 100
92 53.5 0.0 104.8
134 25.1 0.0 55.8

Manual Integrations
APPROVED

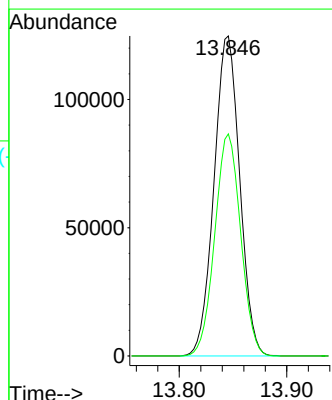
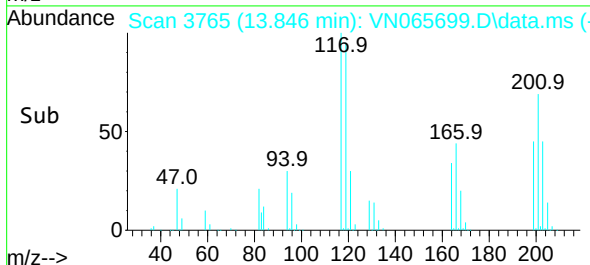
MMDadoda
2/4/2021 10:33:17 AM

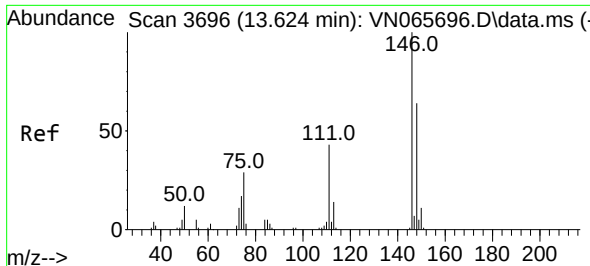


#86
Hexachloroethane
Concen: 168.31 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

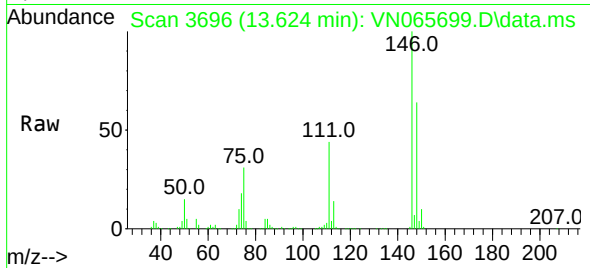


Tgt Ion: 117 Resp: 207111
Ion Ratio Lower Upper
117 100
201 69.9 48.4 145.3

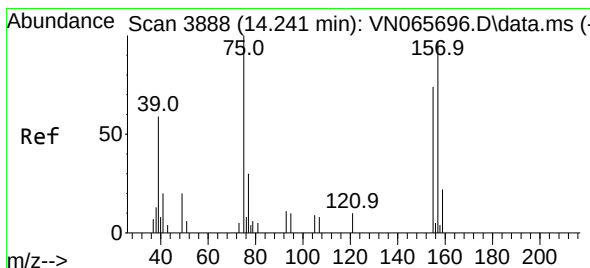
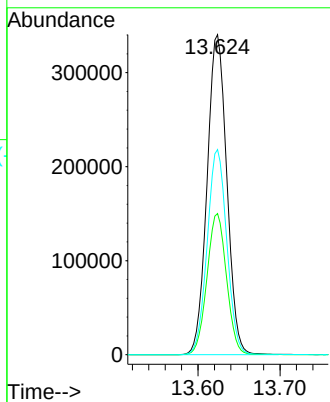
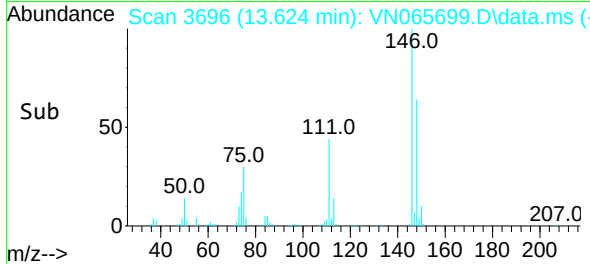




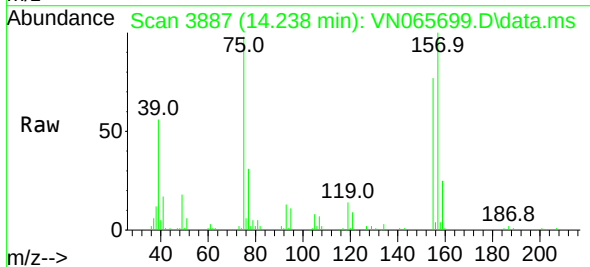
#87
1,2-Dichlorobenzene
Concen: 148.82 ug/l
RT: 13.624 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



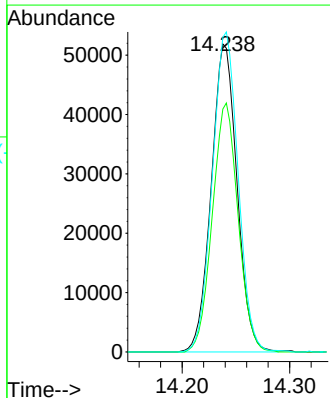
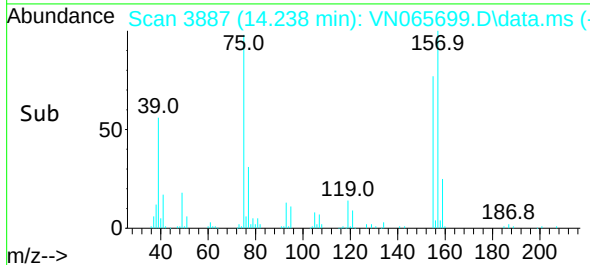
Tgt Ion:146 Resp: 568857
Ion Ratio Lower Upper
146 100
111 43.7 18.9 56.9
148 63.8 32.3 96.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 195.59 ug/l
RT: 14.238 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



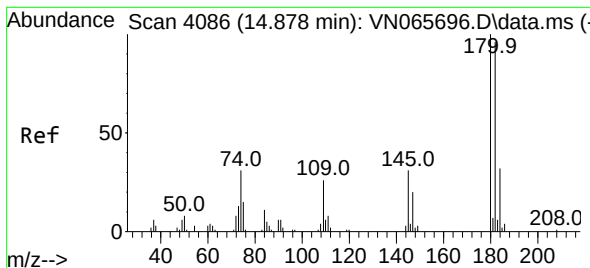
Tgt Ion: 75 Resp: 86416
Ion Ratio Lower Upper
75 100
155 80.7 76.9 115.3
157 104.0 105.8 158.8#



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

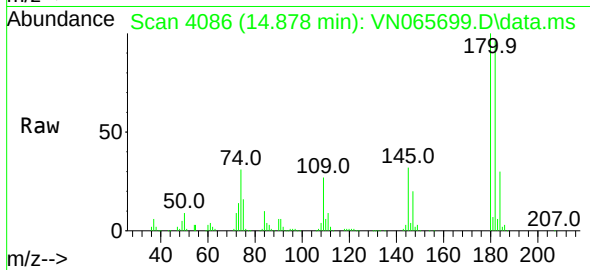
Manual Integrations
APPROVED

MMDadoda
2/4/2021 10:33:17 AM



#89
1,2,4-Trichlorobenzene
Concen: 173.08 ug/l
RT: 14.878 min Scan# 4086
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

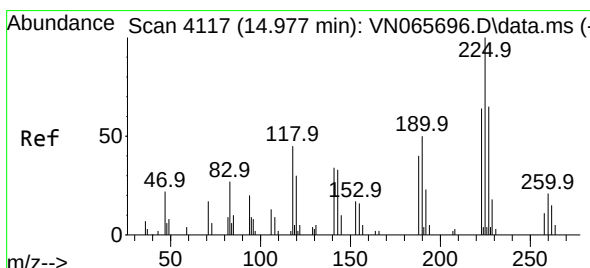
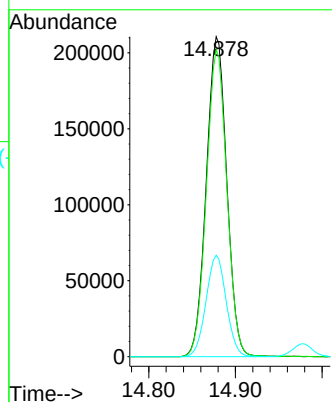
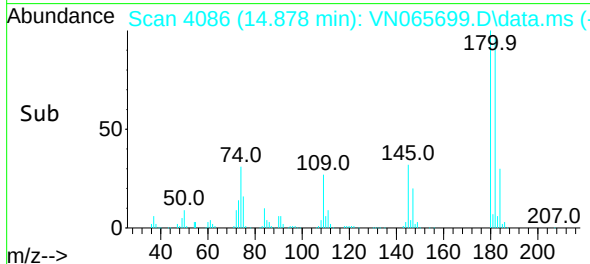
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



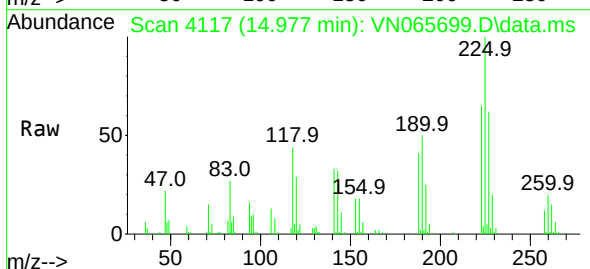
Tgt Ion:180 Resp: 346065
Ion Ratio Lower Upper
180 100
182 95.7 78.5 117.7
145 31.3 23.8 35.6

Manual Integrations
APPROVED

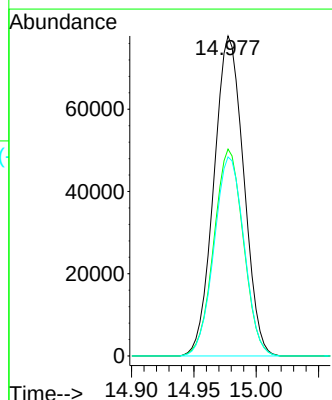
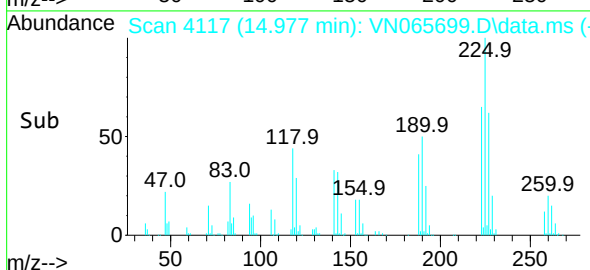
MMDadoda
2/4/2021 10:33:17 AM

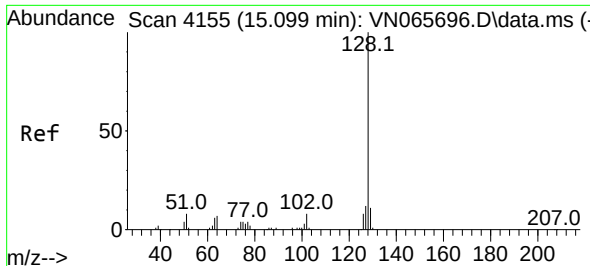


#90
Hexachlorobutadiene
Concen: 102.01 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



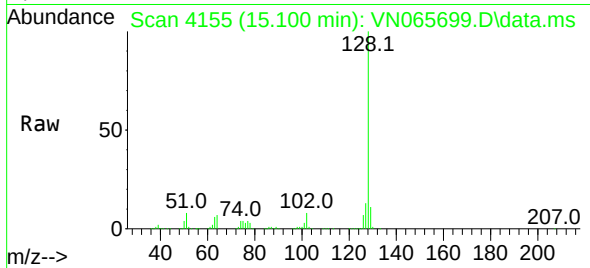
Tgt Ion:225 Resp: 129493
Ion Ratio Lower Upper
225 100
223 64.1 0.0 122.0
227 62.6 0.0 126.4





#91
Naphthalene
Concen: 220.39 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27

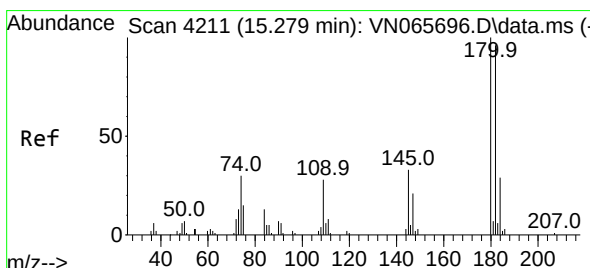
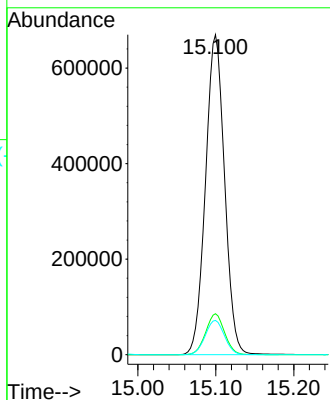
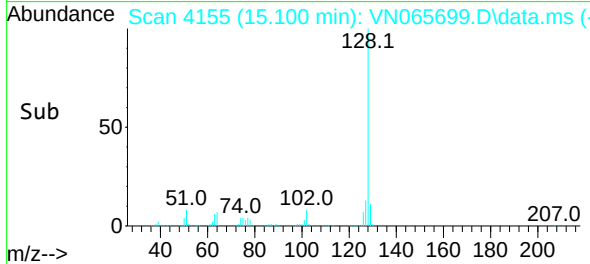
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



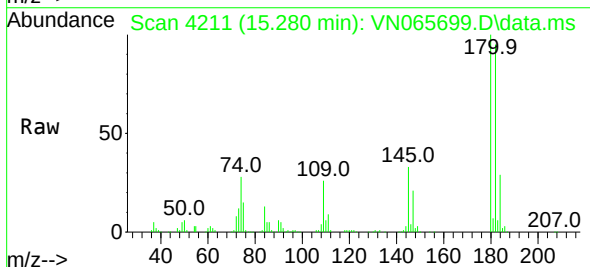
Tgt Ion:128 Resp: 1140474
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.6 12.8

Manual Integrations
APPROVED

MMDadoda
2/4/2021 10:33:17 AM



#92
1,2,3-Trichlorobenzene
Concen: 174.79 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN065699.D
Acq: 3 Feb 2021 14:27



Tgt Ion:180 Resp: 344878
Ion Ratio Lower Upper
180 100
182 95.1 0.0 190.4
145 32.9 0.0 57.8

