

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020321\
 Data File : VN065698.D
 Acq On : 3 Feb 2021 14:03
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:33:15 AM

Quant Time: Feb 03 14:20:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:18:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.151	128	29906	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	168293	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	153627	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	62007	32.54	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	108.47%	
60) 4-Bromofluorobenzene	12.373	95	76766	32.33	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	107.77%	
63) Toluene-d8	10.058	98	216964	31.61	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	105.37%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	193897	126.75	ug/l	94
3) Chloromethane	2.033	50	278209	141.64	ug/l	98
4) Vinyl Chloride	2.168	62	277775	130.78	ug/l	98
5) Bromomethane	2.538	94	144273	99.44	ug/l	98
6) Chloroethane	2.676	64	158378	117.89	ug/l	97
7) Trichlorofluoromethane	2.994	101	282951	105.50	ug/l	99
8) Diethyl Ether	3.380	74	131451	118.25	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.718	101	173289	108.37	ug/l	91
10) 1,1-Dichloroethene	3.695	96	185417	112.17	ug/l	92
11) Methyl Iodide	3.907	142	266410	104.24	ug/l	99
12) Methyl Acetate	4.287	43	221514	131.57	ug/l	96
13) Acrolein	3.573	56	144039	517.32	ug/l	100
14) Acrylonitrile	4.939	53	510698	672.09	ug/l	98
15) Acetone	3.788	58	135086	562.62	ug/l	88
16) Carbon Disulfide	4.007	76	583239	137.37	ug/l	98
17) Allyl chloride	4.274	41	362588	145.66	ug/l	91
18) Methylene Chloride	4.502	84	216731	119.26	ug/l	94
19) trans-1,2-Dichloroethene	4.988	96	201405	119.55	ug/l	89
20) Diisopropyl ether	5.910	45	705999	136.38	ug/l	90
21) 1,1-Dichloroethane	5.798	63	391380	129.13	ug/l	99
22) cis-1,2-Dichloroethene	6.778	96	233844	119.35	ug/l	95
23) tert-Butyl Alcohol	4.779	59	176640	719.76	ug/l #	100
24) Methyl tert-Butyl Ether	5.000	73	625408	125.73	ug/l	98
25) Chloroform	7.328	83	353139	115.61	ug/l	100
26) Cyclohexane	7.611	56	366559	139.69	ug/l #	88
29) 1,1-Dichloropropene	7.750	75	293783	120.48	ug/l	97
30) 2-Butanone	6.795	43	648466	644.42	ug/l	96
31) 2,2-Dichloropropane	6.775	77	300218	118.86	ug/l	99
32) 1,1,1-Trichloroethane	7.528	97	286584	106.85	ug/l	99
33) Carbon Tetrachloride	7.730	117	240974	102.80	ug/l	99
34) Benzene	8.000	78	891769	118.99	ug/l #	89
35) Methacrylonitrile	7.126	41	148529	146.69	ug/l	96
36) 1,2-Dichloroethane	8.084	62	268739	111.08	ug/l	98
37) Trichloroethene	8.801	130	219140	101.78	ug/l	89
38) Methylcyclohexane	9.045	83	345400	121.20	ug/l	95
39) 1,2-Dichloropropane	9.081	63	245348	125.11	ug/l	100
40) Dibromomethane	9.174	93	139139	109.19	ug/l	83
41) Bromodichloromethane	9.367	83	284480	114.26	ug/l	99
42) Vinyl Acetate	5.846	43	2889272	663.60	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020321\
 Data File : VN065698.D
 Acq On : 3 Feb 2021 14:03
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:33:15 AM

Quant Time: Feb 03 14:20:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:18:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.888	43	279468	131.10	ug/l	97
44) Isopropyl Acetate	8.129	43	467259	130.77	ug/l	97
45) 1,4-Dioxane	9.180	88	76128	2854.76	ug/l	91
46) Methyl methacrylate	9.164	41	224409	128.16	ug/l	94
47) n-amyl Acetate	12.042	43	402413	131.31	ug/l	96
48) t-1,3-Dichloropropene	10.351	75	342941	122.06	ug/l	97
49) cis-1,3-Dichloropropene	9.807	75	383548	124.05	ug/l	98
50) 1,1,2-Trichloroethane	10.531	97	202878	108.96	ug/l	95
51) Ethyl methacrylate	10.399	69	335861	124.97	ug/l	97
52) 1,3-Dichloropropane	10.675	76	364633	116.25	ug/l	100
53) Dibromochloromethane	10.872	129	213325	104.64	ug/l	99
54) 1,2-Dibromoethane	10.974	107	209775	106.23	ug/l	98
55) 2-Chloroethyl vinyl ether	9.663	63	759754	628.82	ug/l	97
56) Bromoform	12.097	173	136744	88.35	ug/l #	96
58) 4-Methyl-2-Pentanone	9.952	43	1345125	635.05	ug/l	98
59) 2-Hexanone	10.720	43	954599	622.96	ug/l	99
61) Tetrachloroethene	10.598	164	206494	87.42	ug/l	92
62) Toluene	10.122	91	929589	114.26	ug/l	99
64) Chlorobenzene	11.402	112	558679	107.51	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.479	131	193340	100.31	ug/l	96
66) Ethyl Benzene	11.482	91	1015762	114.35	ug/l	98
67) m/p-Xylenes	11.592	106	759025	220.33	ug/l	97
68) o-Xylene	11.917	106	364871	109.34	ug/l	98
69) Styrene	11.933	104	609419	110.40	ug/l	98
70) Isopropylbenzene	12.219	105	943763	108.57	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.476	83	277697	111.59	ug/l	99
72) 1,2,3-Trichloropropane	12.524	75	256034m	106.64	ug/l	
73) Bromobenzene	12.495	156	213573	89.57	ug/l	70
74) n-propylbenzene	12.563	91	1114425	114.09	ug/l	95
75) 2-Chlorotoluene	12.643	91	650549	110.06	ug/l	93
76) 1,3,5-Trimethylbenzene	12.704	105	795605	107.46	ug/l	98
77) t-1,4-Dichloro-2-butene	12.270	75	112294	131.53	ug/l	92
78) 4-Chlorotoluene	12.743	91	672540	113.26	ug/l	94
79) tert-butylbenzene	12.965	119	650639	102.73	ug/l	97
80) 1,2,4-Trimethylbenzene	13.010	105	796921	108.19	ug/l	99
81) sec-Butylbenzene	13.142	105	873986	106.14	ug/l	96
82) p-Isopropyltoluene	13.261	119	788603	103.34	ug/l	98
83) 1,3-Dichlorobenzene	13.254	146	385474	96.52	ug/l	96
84) 1,4-Dichlorobenzene	13.334	146	382681	97.81	ug/l	97
85) n-Butylbenzene	13.585	91	710552	115.64	ug/l	98
86) Hexachloroethane	13.843	117	139375	109.73	ug/l	74
87) 1,2-Dichlorobenzene	13.624	146	372129	94.33	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.241	75	55179	121.00	ug/l #	80
89) 1,2,4-Trichlorobenzene	14.878	180	221500	107.33	ug/l	97
90) Hexachlorobutadiene	14.978	225	83781	63.95	ug/l	97
91) Naphthalene	15.100	128	723706	135.50	ug/l	100
92) 1,2,3-Trichlorobenzene	15.280	180	216540	106.33	ug/l	98

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

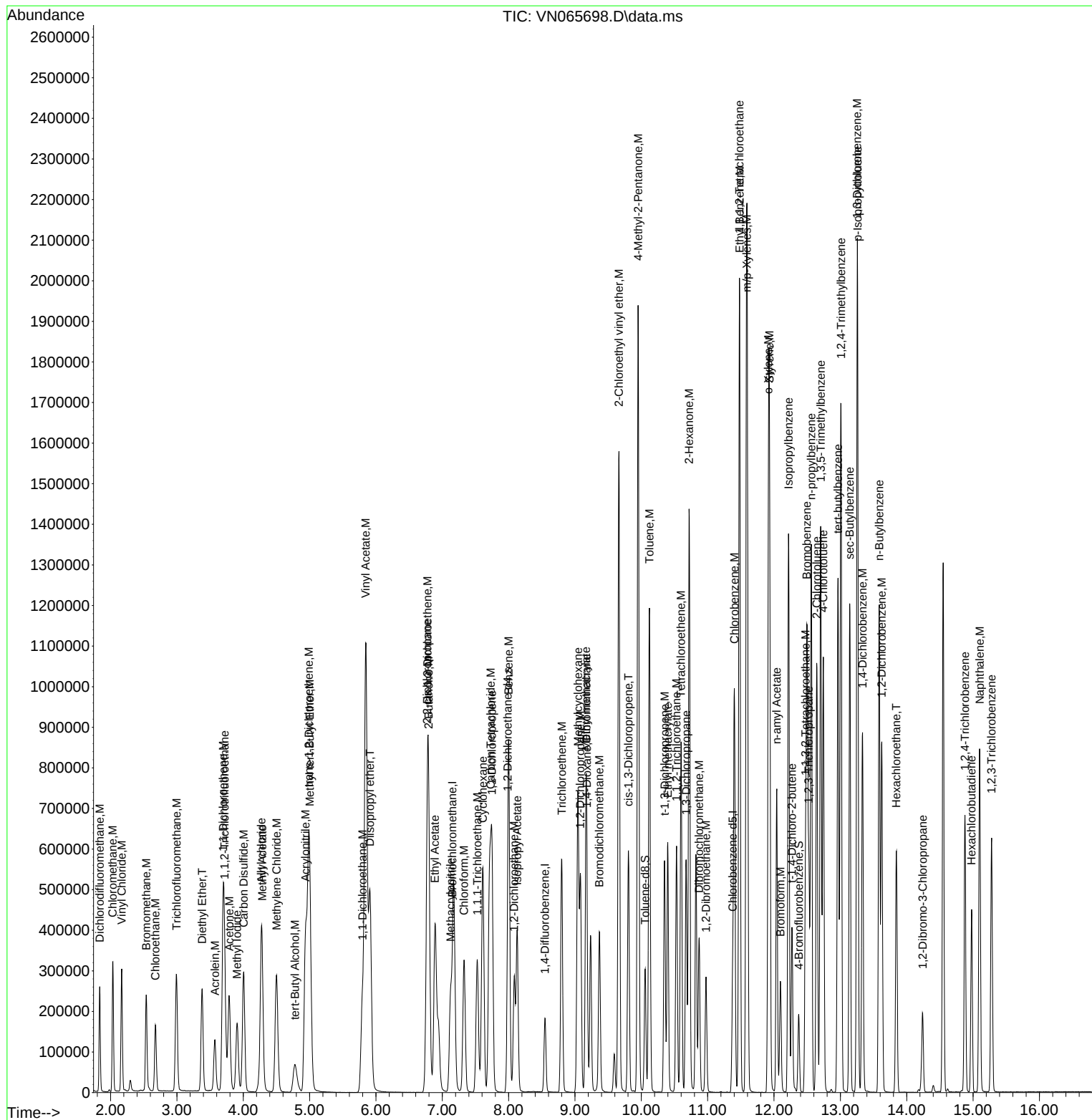
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020321\
 Data File : VN065698.D
 Acq On : 3 Feb 2021 14:03
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

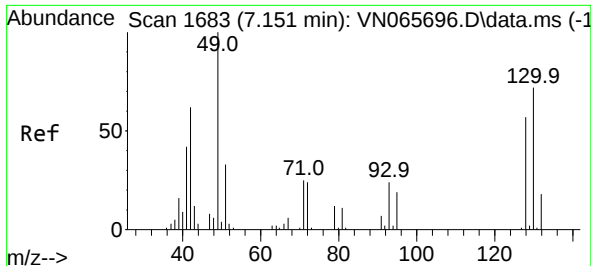
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:33:15 AM

Quant Time: Feb 03 14:20:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:18:49 2021
 Response via : Initial Calibration





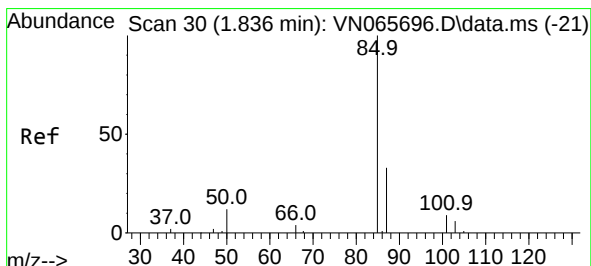
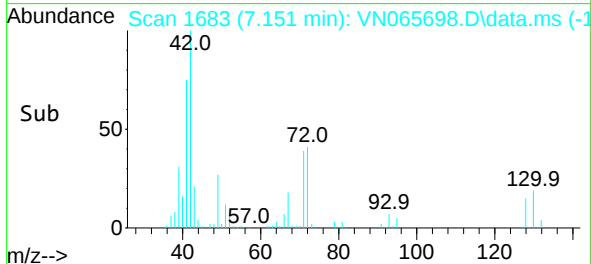
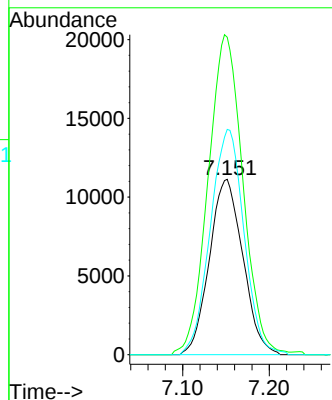
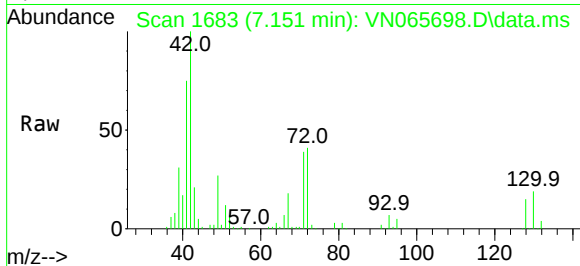
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion	Ratio	Lower	Upper
128	100		
49	188.9	0.0	355.0
130	129.4	0.0	325.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

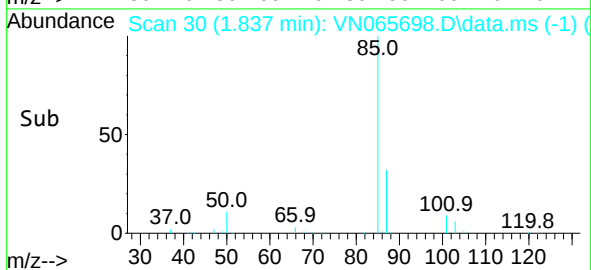
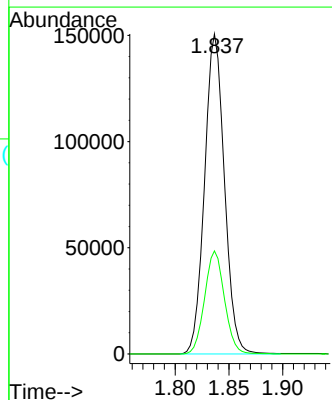
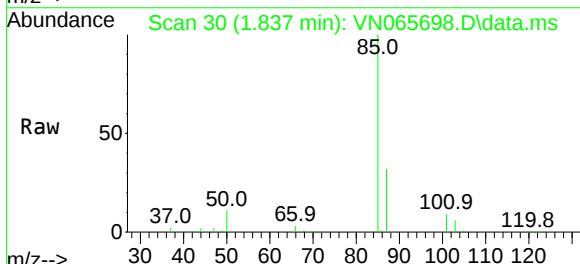
Manual Integrations
APPROVED

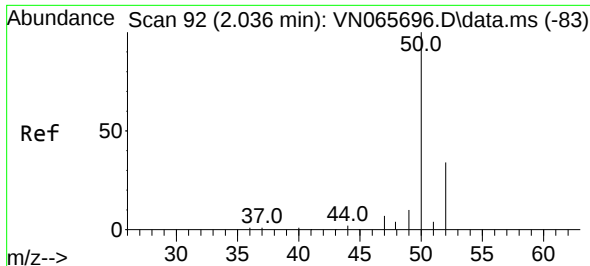
MMDadoda
2/4/2021 10:33:15 AM



#2
Dichlorodifluoromethane
Concen: 126.75 ug/l
RT: 1.837 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	14.6	43.8





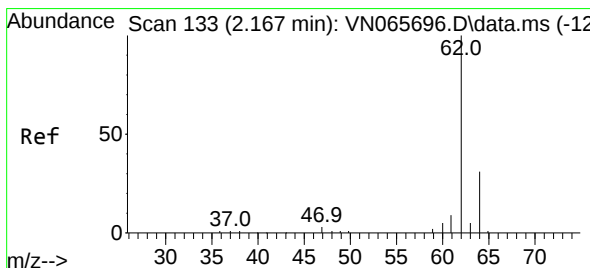
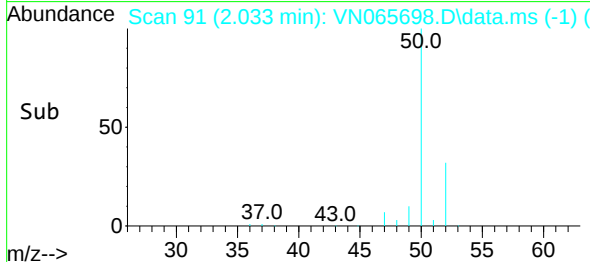
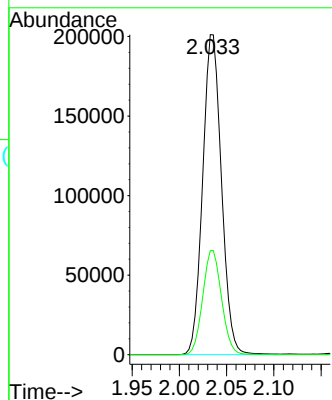
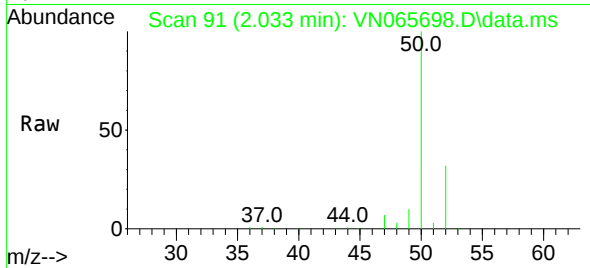
#3
Chloromethane
Concen: 141.64 ug/l
RT: 2.033 min Scan# 91
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 50 Resp: 278209
Ion Ratio Lower Upper
50 100
52 32.5 26.8 40.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

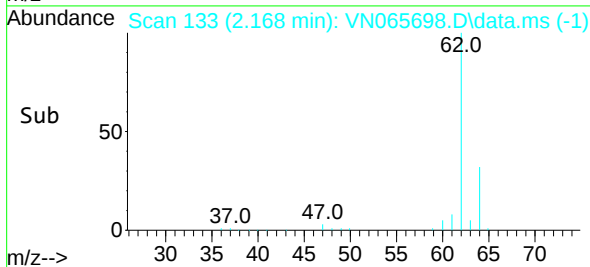
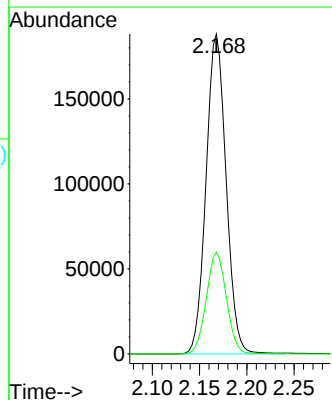
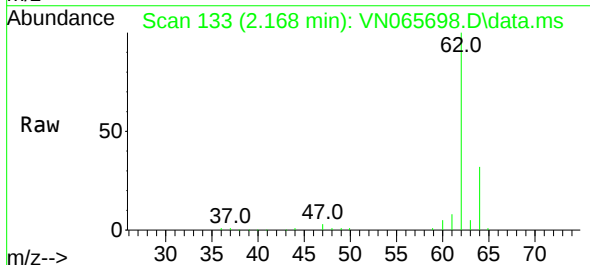
Manual Integrations
APPROVED

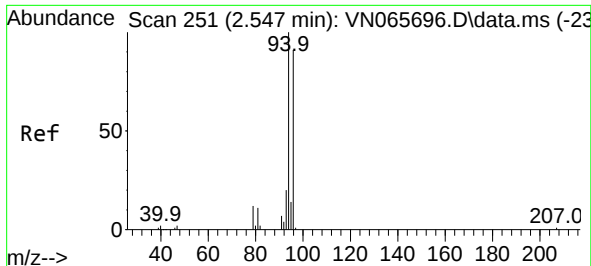
MMDadoda
2/4/2021 10:33:15 AM



#4
Vinyl Chloride
Concen: 130.78 ug/l
RT: 2.168 min Scan# 133
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

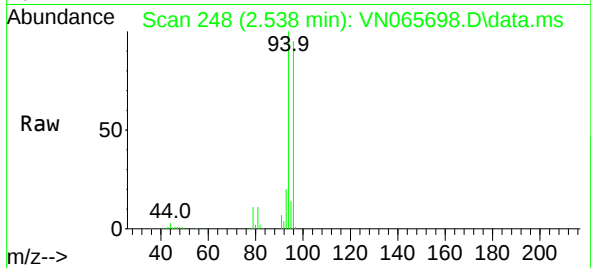
Tgt Ion: 62 Resp: 277775
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.4





#5
Bromomethane
Concen: 99.44 ug/l
RT: 2.538 min Scan# 248
Delta R.T. -0.009 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

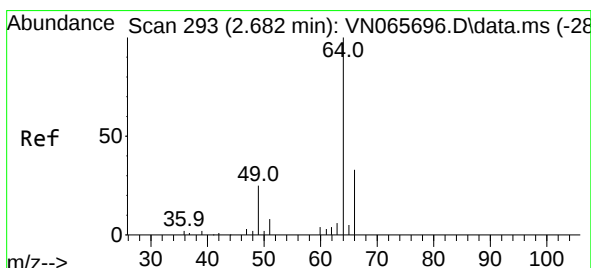
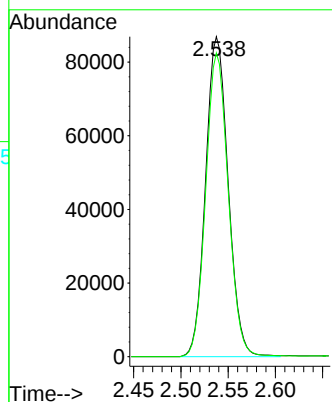
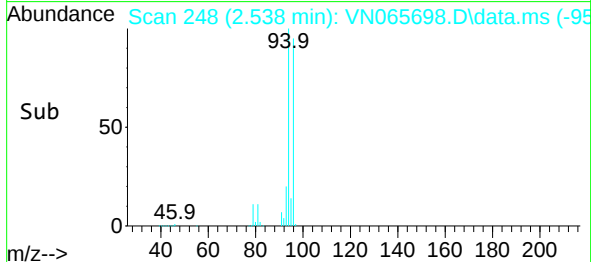
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



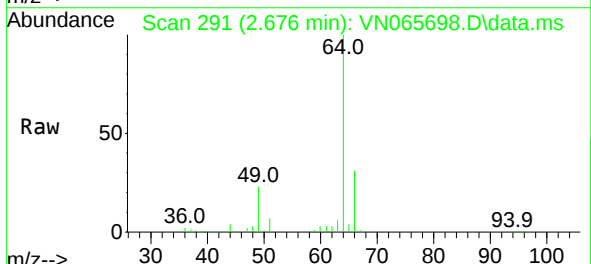
Tgt Ion: 94 Resp: 144273
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8

Manual Integrations
APPROVED

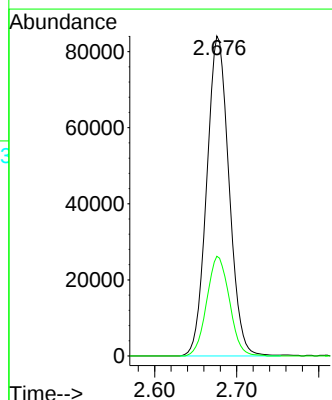
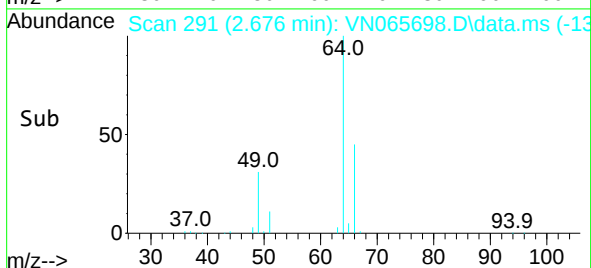
MMDadoda
2/4/2021 10:33:15 AM

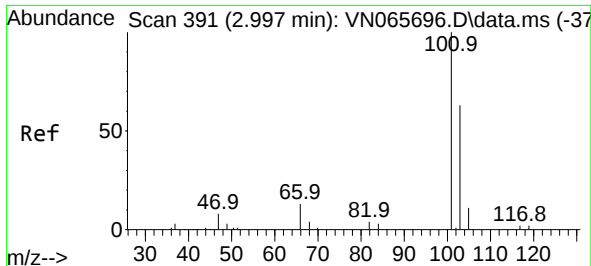


#6
Chloroethane
Concen: 117.89 ug/l
RT: 2.676 min Scan# 291
Delta R.T. -0.006 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03



Tgt Ion: 64 Resp: 158378
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5





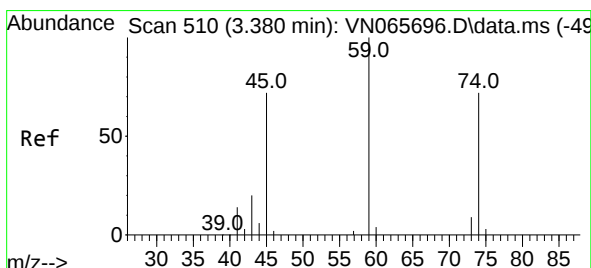
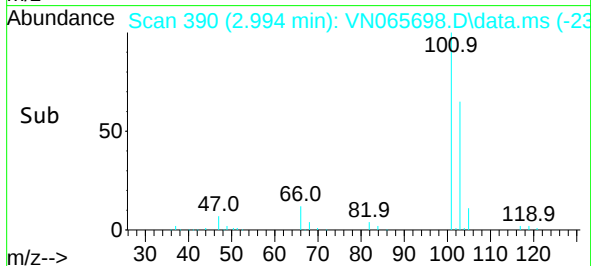
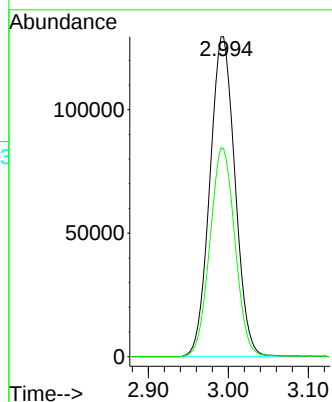
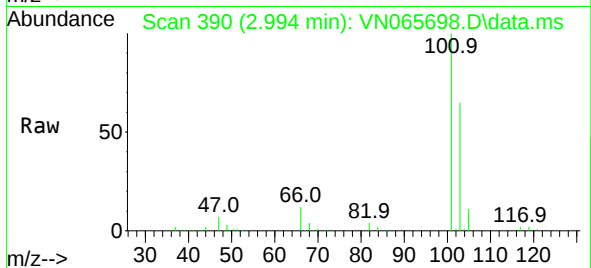
#7
Trichlorofluoromethane
Concen: 105.50 ug/l
RT: 2.994 min Scan# 390
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:101 Resp: 282951
Ion Ratio Lower Upper
101 100
103 65.0 52.6 78.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

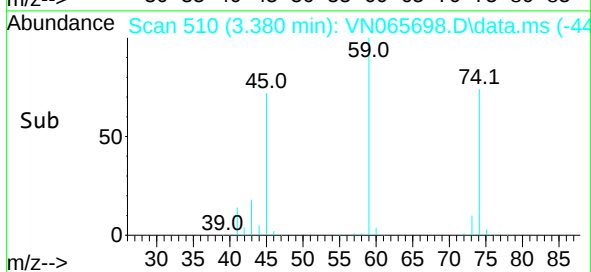
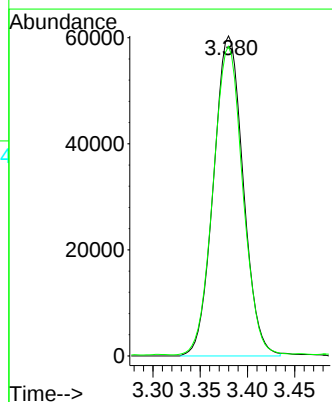
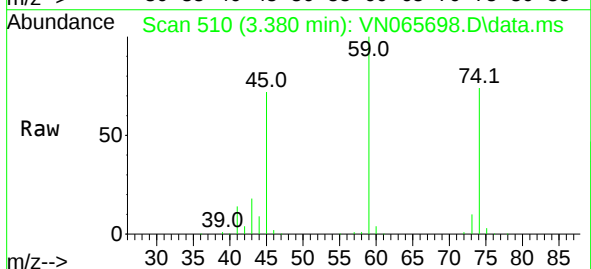
Manual Integrations
APPROVED

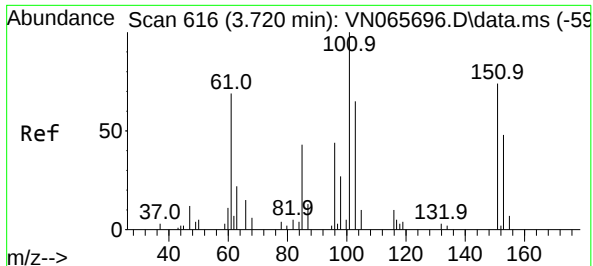
MMDadoda
2/4/2021 10:33:15 AM



#8
Diethyl Ether
Concen: 118.25 ug/l
RT: 3.380 min Scan# 510
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 74 Resp: 131451
Ion Ratio Lower Upper
74 100
45 96.5 18.5 166.9





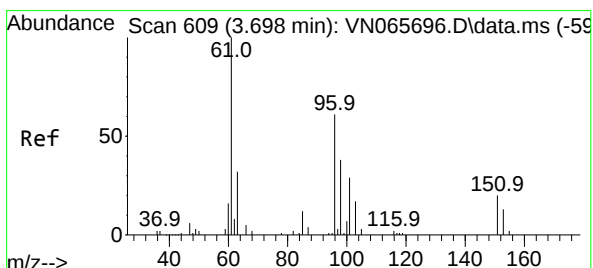
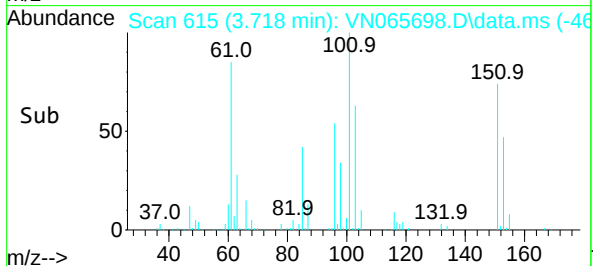
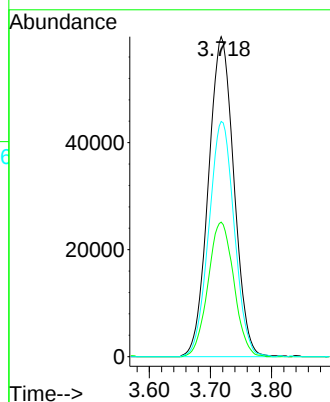
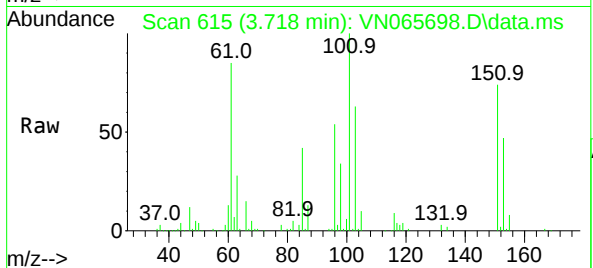
#9
1,1,2-Trichlorotrifluoroethane
Concen: 108.37 ug/l
RT: 3.718 min Scan# 615
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:101 Resp: 173289
Ion Ratio Lower Upper
101 100
85 42.6 0.0 80.6
151 73.4 0.0 169.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

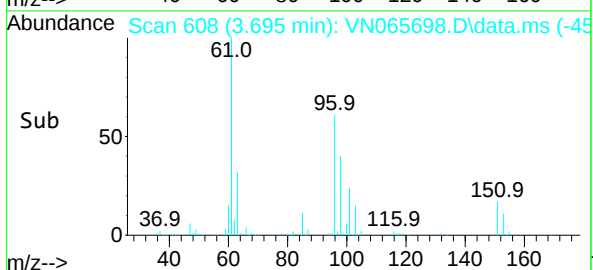
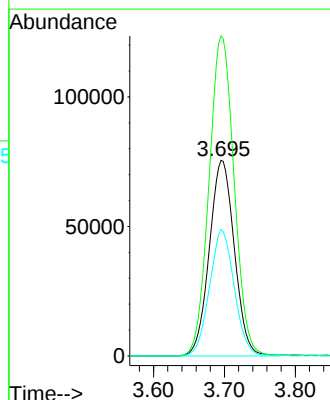
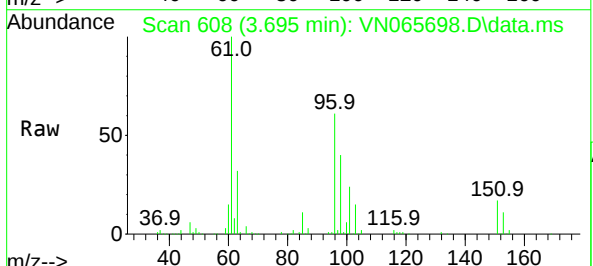
Manual Integrations
APPROVED

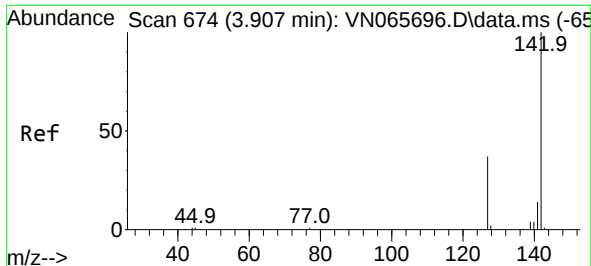
MMDadoda
2/4/2021 10:33:15 AM



#10
1,1-Dichloroethene
Concen: 112.17 ug/l
RT: 3.695 min Scan# 608
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

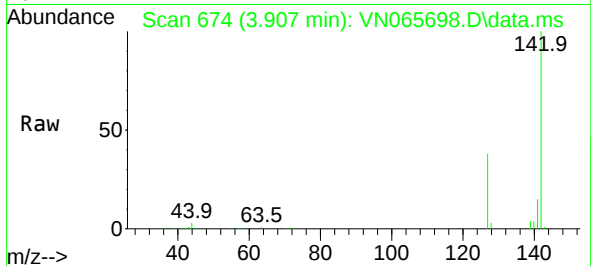
Tgt Ion: 96 Resp: 185417
Ion Ratio Lower Upper
96 100
61 163.5 119.9 179.9
98 64.7 51.2 76.8





#11
Methyl Iodide
Concen: 104.24 ug/l
RT: 3.907 min Scan# 674
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

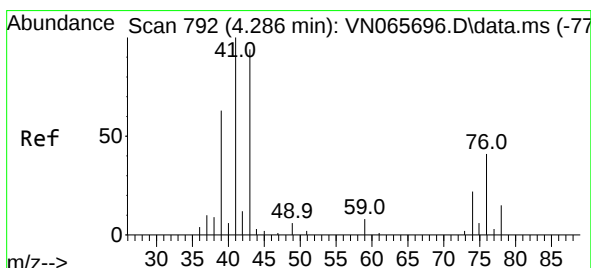
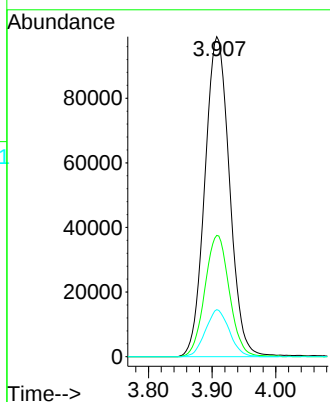
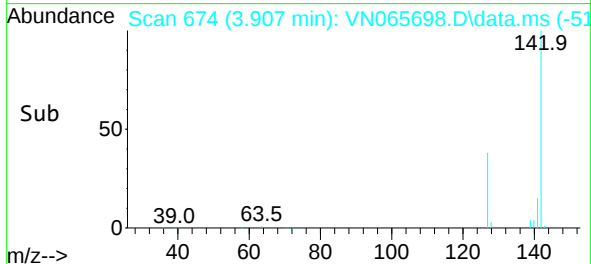
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



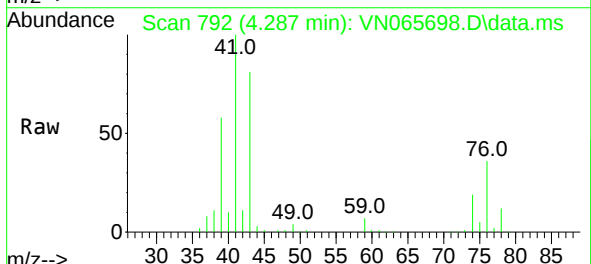
Tgt Ion:142 Resp: 266410
Ion Ratio Lower Upper
142 100
127 37.9 19.1 57.5
141 14.7 7.0 20.9

Manual Integrations
APPROVED

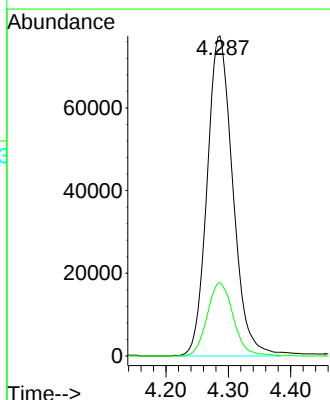
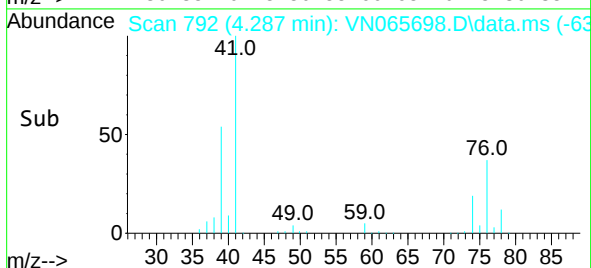
MMDadoda
2/4/2021 10:33:15 AM

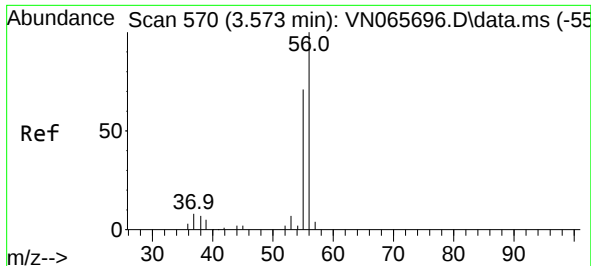


#12
Methyl Acetate
Concen: 131.57 ug/l
RT: 4.287 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

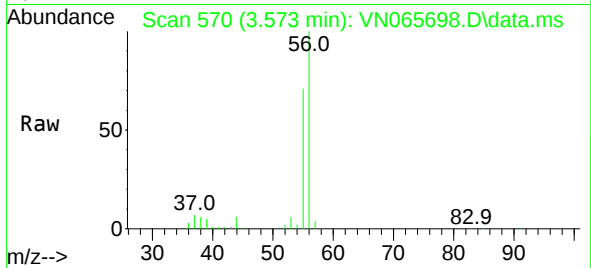


Tgt Ion: 43 Resp: 221514
Ion Ratio Lower Upper
43 100
74 23.1 19.9 29.9

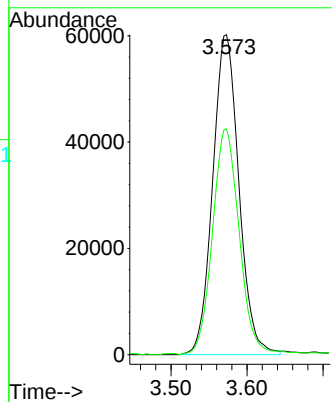
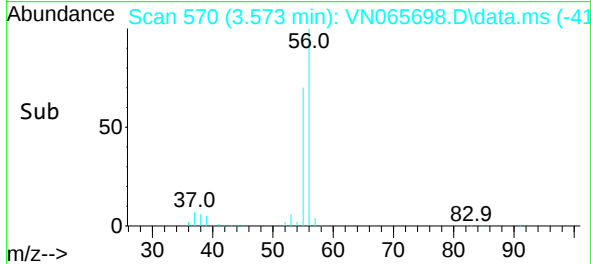




#13
Acrolein
Concen: 517.32 ug/l
RT: 3.573 min Scan# 570
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03



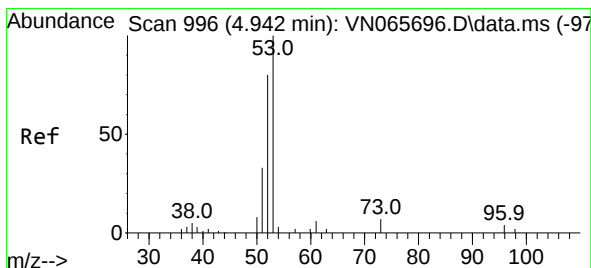
Tgt Ion: 56 Resp: 144039
Ion Ratio Lower Upper
56 100
55 71.7 57.7 86.5



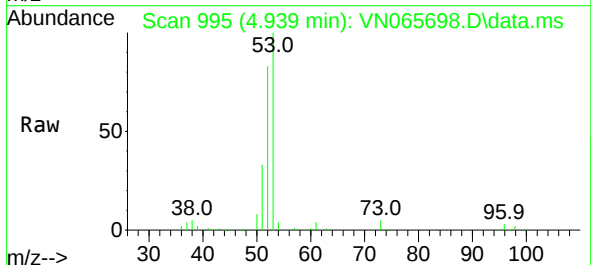
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

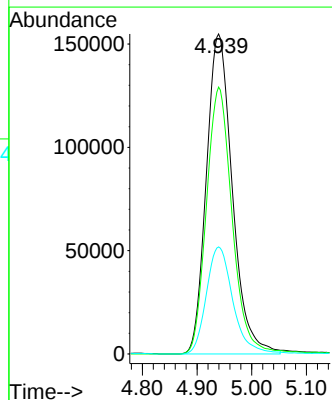
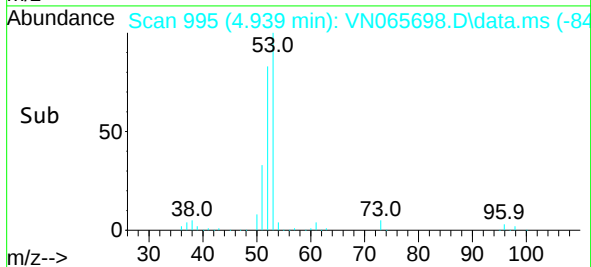
MMDadoda
2/4/2021 10:33:15 AM

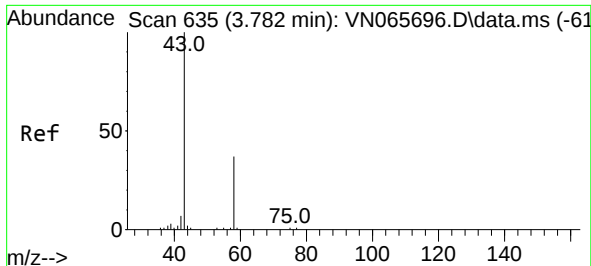


#14
Acrylonitrile
Concen: 672.09 ug/l
RT: 4.939 min Scan# 995
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03



Tgt Ion: 53 Resp: 510698
Ion Ratio Lower Upper
53 100
52 82.1 40.7 122.1
51 34.2 18.3 54.8





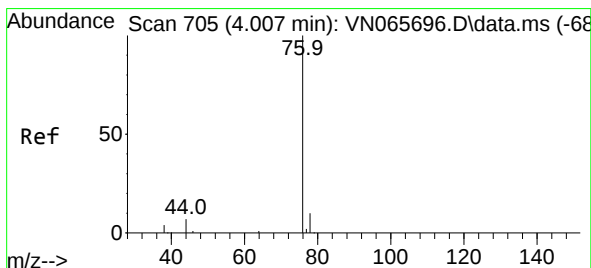
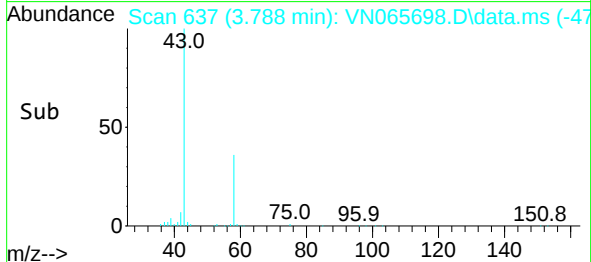
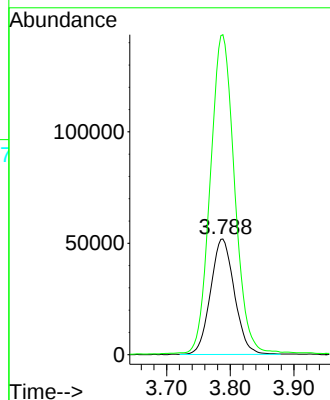
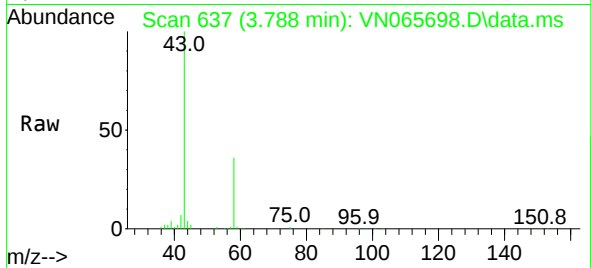
#15
Acetone
Concen: 562.62 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.007 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 58 Resp: 135086
Ion Ratio Lower Upper
58 100
43 275.6 203.4 305.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

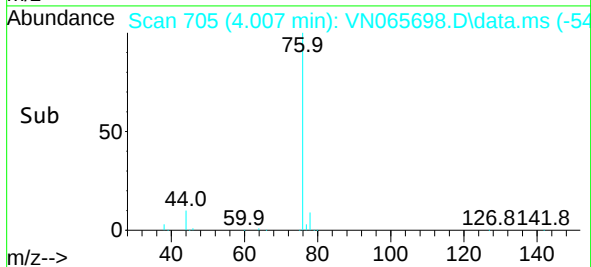
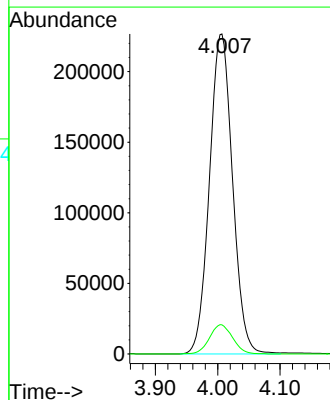
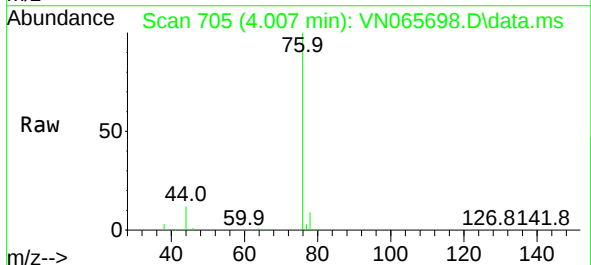
Manual Integrations
APPROVED

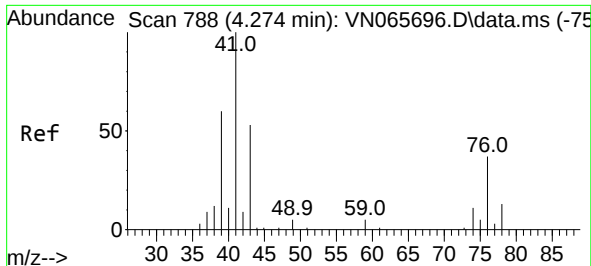
MMDadoda
2/4/2021 10:33:15 AM



#16
Carbon Disulfide
Concen: 137.37 ug/l
RT: 4.007 min Scan# 705
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 76 Resp: 583239
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17

Allyl chloride

Concen: 145.66 ug/l

RT: 4.274 min Scan# 788

Delta R.T. 0.000 min

Lab File: VN065698.D

Acq: 3 Feb 2021 14:03

Tgt Ion: 41 Resp: 362588

Ion Ratio Lower Upper

41 100

39 57.8 33.5 100.5

76 36.8 20.3 60.8

Instrument :

MSVOA_N

ClientSampleId :

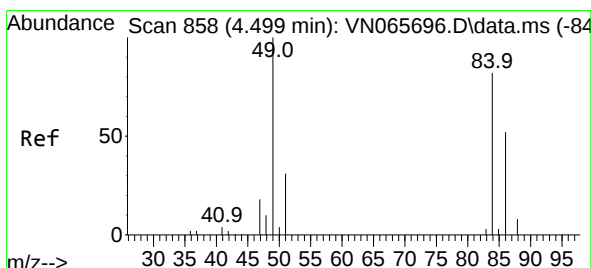
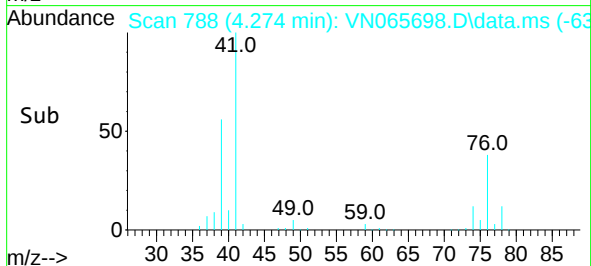
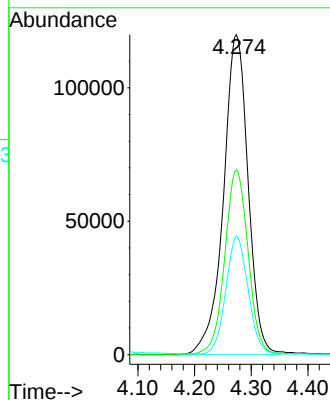
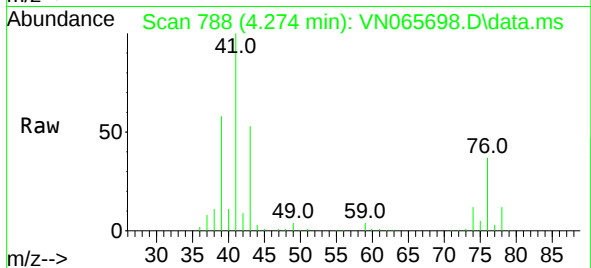
VSTDIC100

Manual Integrations

APPROVED

MMDadoda

2/4/2021 10:33:15 AM



#18

Methylene Chloride

Concen: 119.26 ug/l

RT: 4.502 min Scan# 859

Delta R.T. 0.003 min

Lab File: VN065698.D

Acq: 3 Feb 2021 14:03

Tgt Ion: 84 Resp: 216731

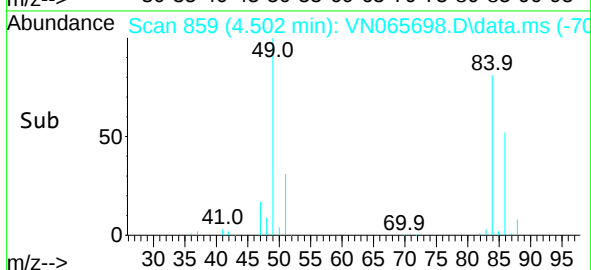
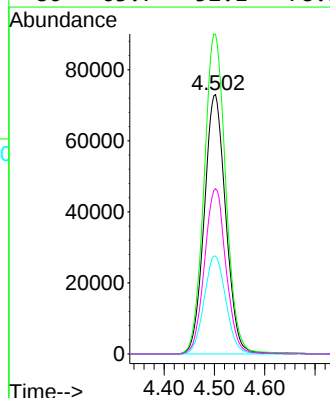
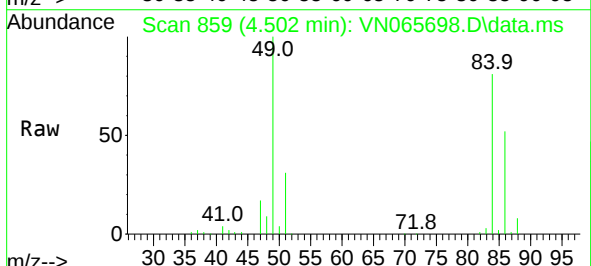
Ion Ratio Lower Upper

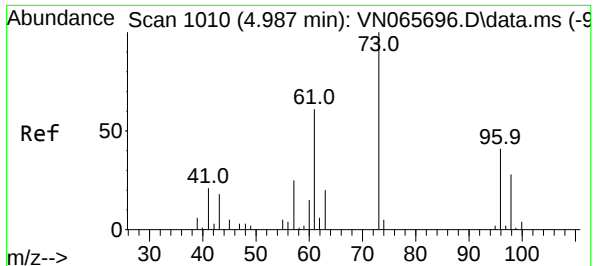
84 100

49 123.2 91.3 136.9

51 37.7 28.8 43.2

86 63.7 52.1 78.1





#19

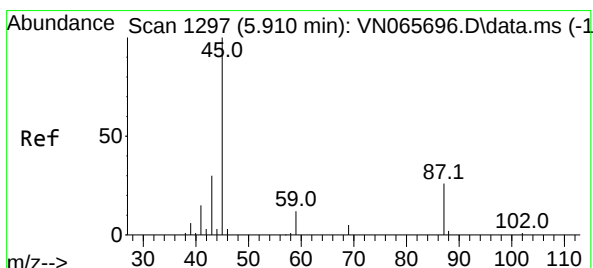
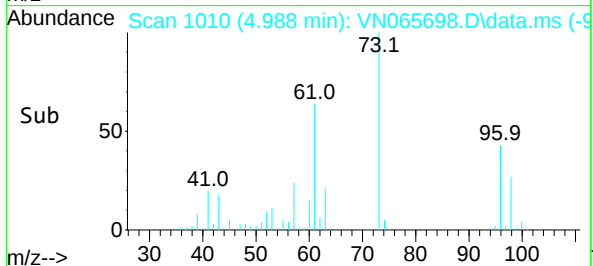
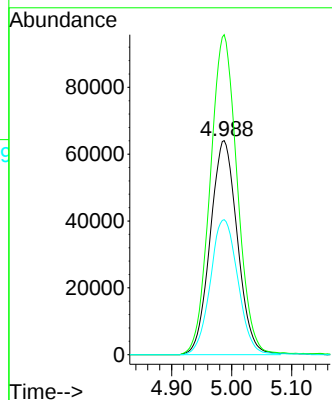
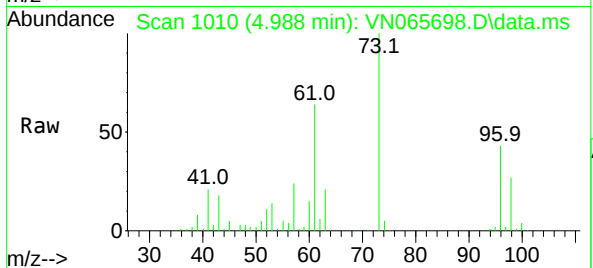
trans-1,2-Dichloroethene
Concen: 119.55 ug/l
RT: 4.988 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 96 Resp: 201405
Ion Ratio Lower Upper
96 100
61 149.4 106.2 159.2
98 63.1 52.4 78.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

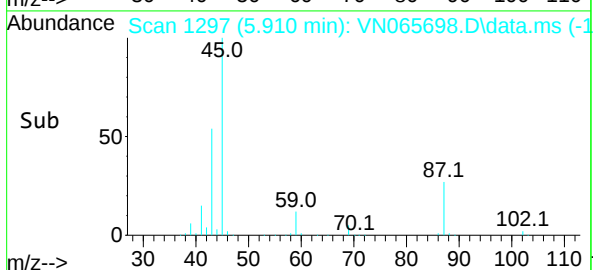
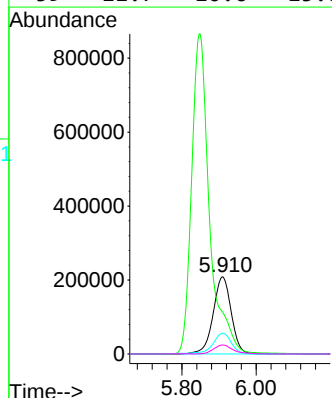
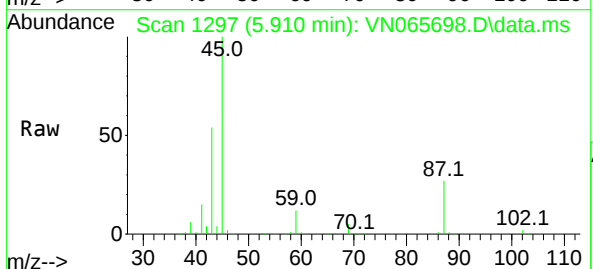
MMDadoda
2/4/2021 10:33:15 AM

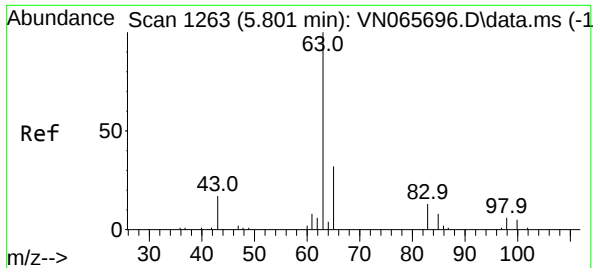


#20

Diisopropyl ether
Concen: 136.38 ug/l
RT: 5.910 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 45 Resp: 705999
Ion Ratio Lower Upper
45 100
43 52.8 50.4 75.6
87 27.1 24.5 36.7
59 11.7 10.6 15.8





#21

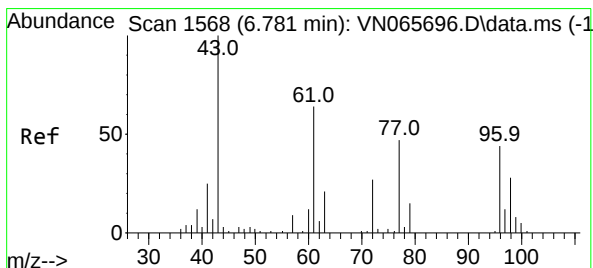
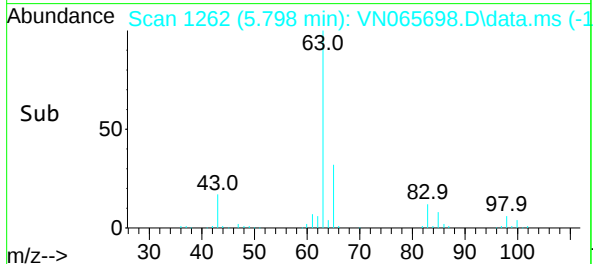
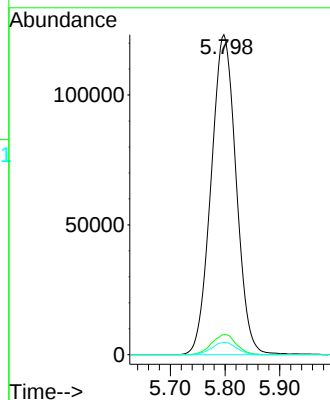
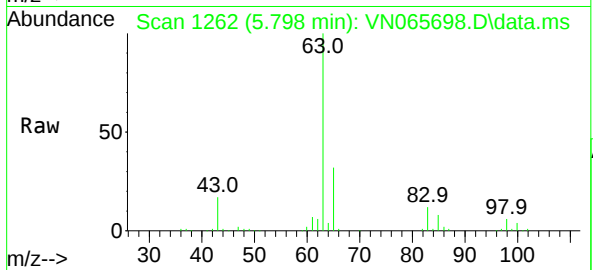
1,1-Dichloroethane
Concen: 129.13 ug/l
RT: 5.798 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 63 Resp: 391380
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.9
100 3.8 2.3 6.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

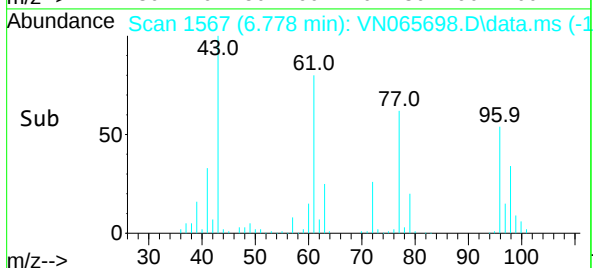
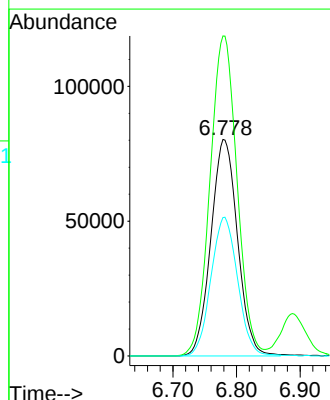
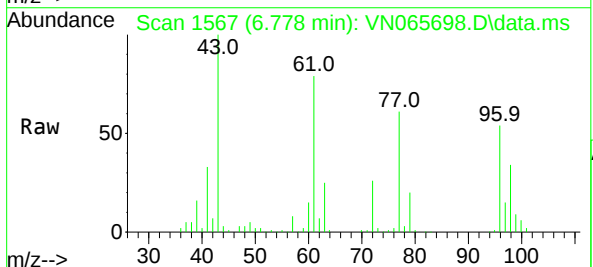
MMDadoda
2/4/2021 10:33:15 AM

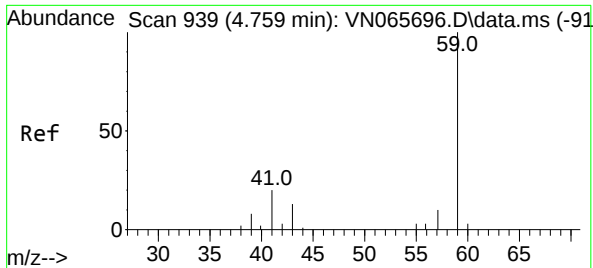


#22

cis-1,2-Dichloroethene
Concen: 119.35 ug/l
RT: 6.778 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 96 Resp: 233844
Ion Ratio Lower Upper
96 100
61 149.6 112.5 168.7
98 64.2 52.2 78.2





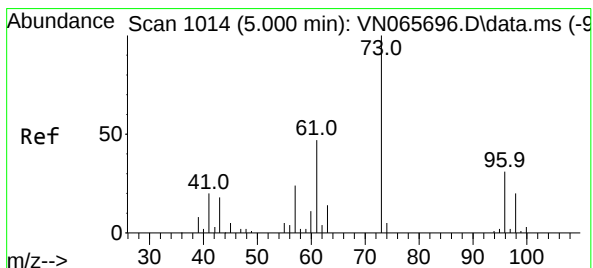
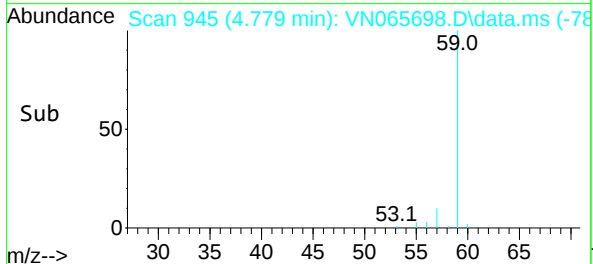
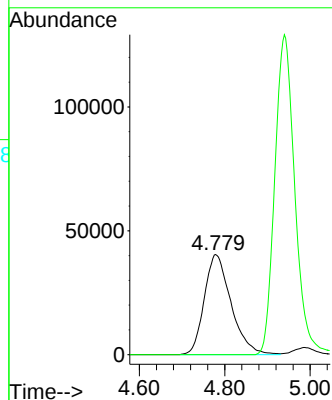
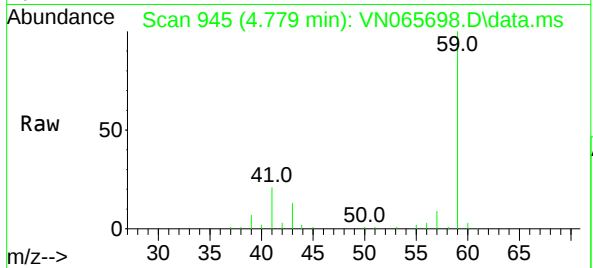
#23
tert-Butyl Alcohol
Concen: 719.76 ug/l
RT: 4.779 min Scan# 945
Delta R.T. 0.020 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 59 Resp: 176640
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

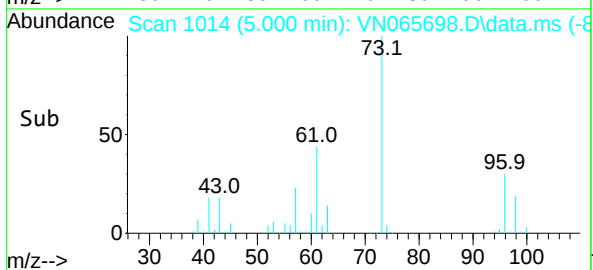
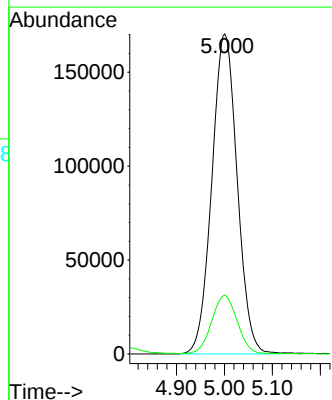
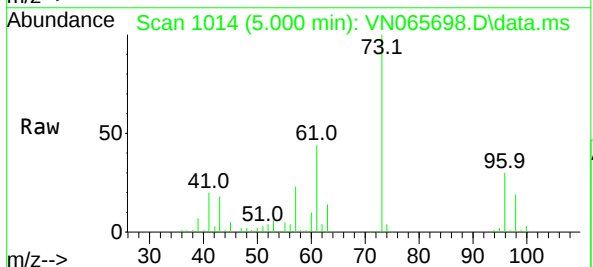
Manual Integrations
APPROVED

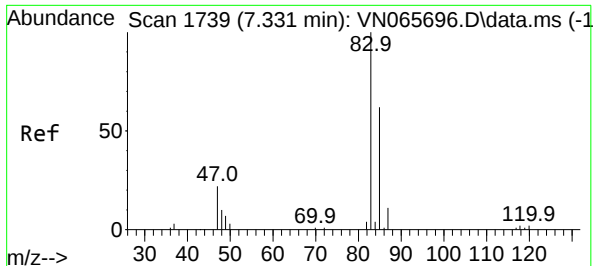
MMDadoda
2/4/2021 10:33:15 AM



#24
Methyl tert-Butyl Ether
Concen: 125.73 ug/l
RT: 5.000 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 73 Resp: 625408
Ion Ratio Lower Upper
73 100
43 18.3 15.4 23.2





#25

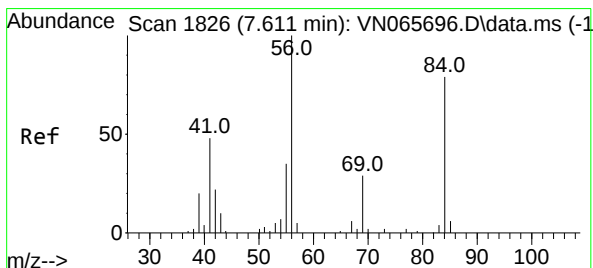
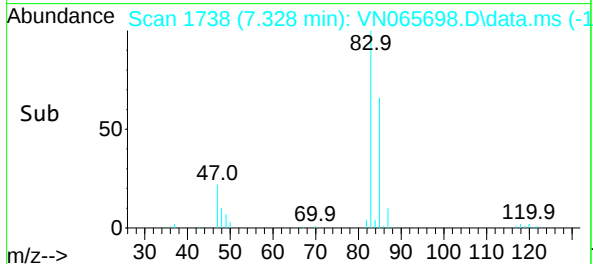
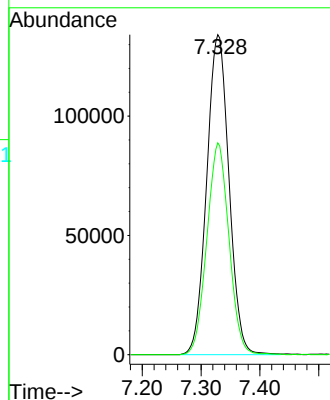
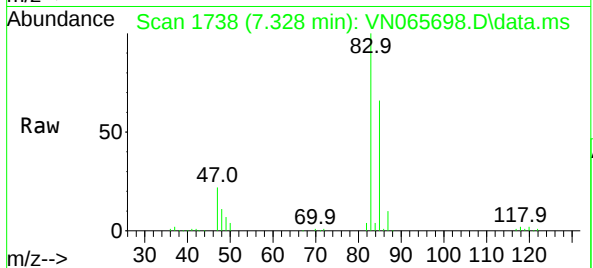
Chloroform
Concen: 115.61 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 83 Resp: 353139
Ion Ratio Lower Upper
83 100
85 66.2 53.0 79.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

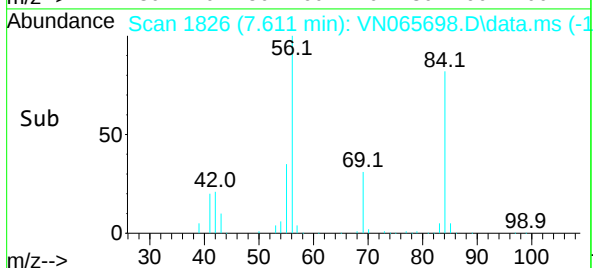
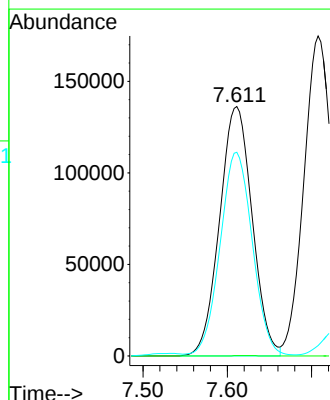
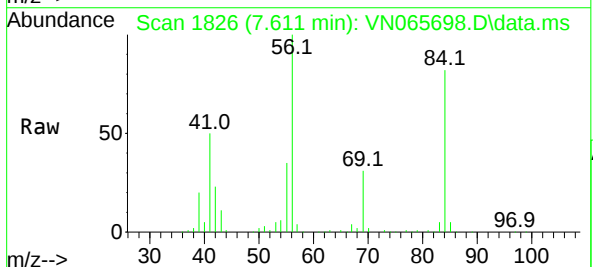
MMDadoda
2/4/2021 10:33:15 AM

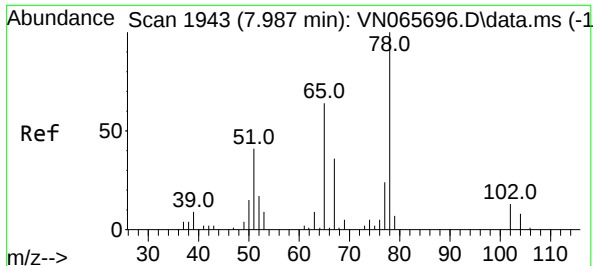


#26

Cyclohexane
Concen: 139.69 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 56 Resp: 366559
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 79.8 72.8 109.2





#27

1,2-Dichloroethane-d4

Concen: 32.54 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065698.D

Acq: 3 Feb 2021 14:03

Tgt Ion: 65 Resp: 62007

Ion Ratio Lower Upper

65 100

67 56.6 42.8 64.2

Instrument :

MSVOA_N

ClientSampleId :

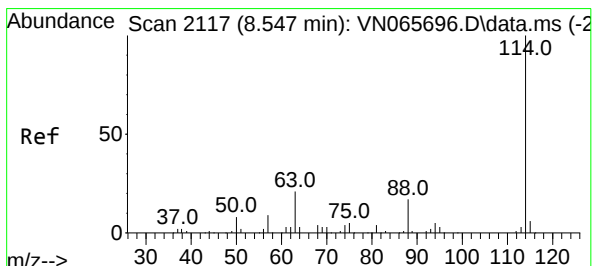
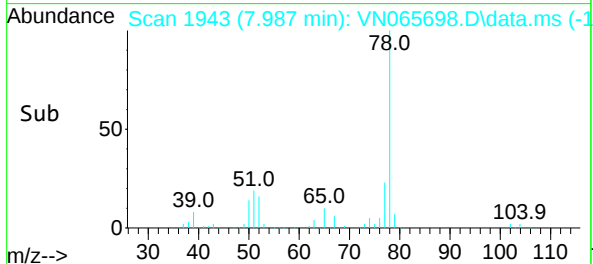
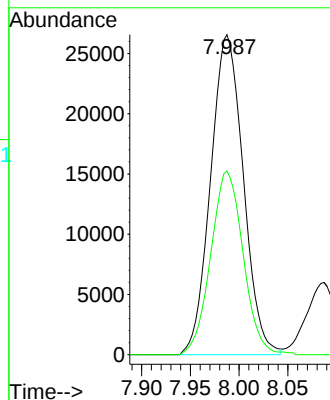
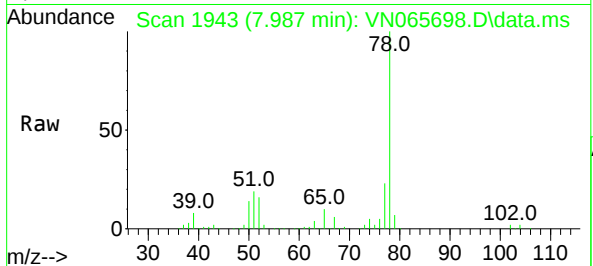
VSTDIC100

Manual Integrations

APPROVED

MMDadoda

2/4/2021 10:33:15 AM



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.547 min Scan# 2117

Delta R.T. 0.000 min

Lab File: VN065698.D

Acq: 3 Feb 2021 14:03

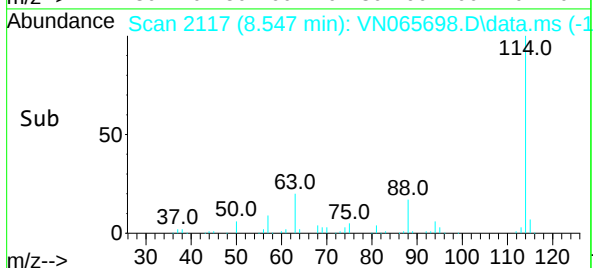
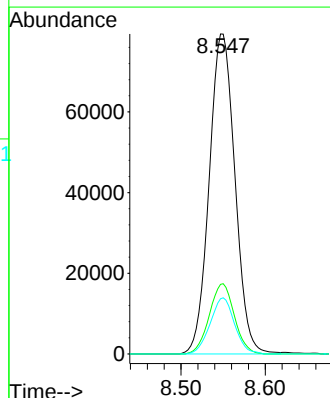
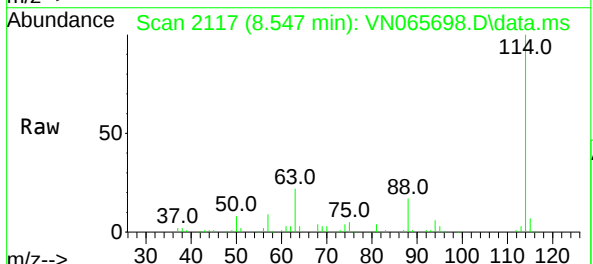
Tgt Ion: 114 Resp: 168293

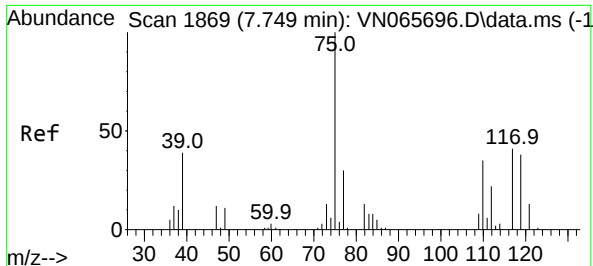
Ion Ratio Lower Upper

114 100

63 21.3 14.7 22.1

88 16.6 11.7 17.5





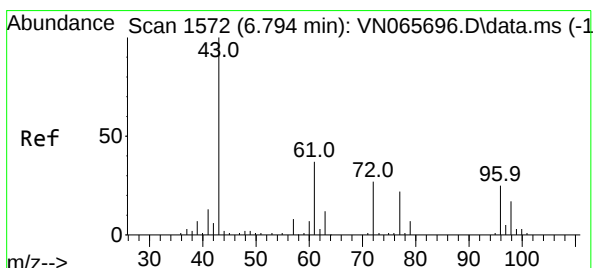
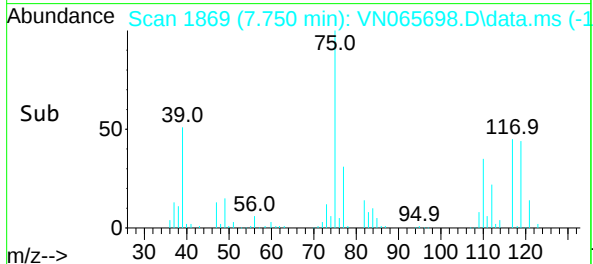
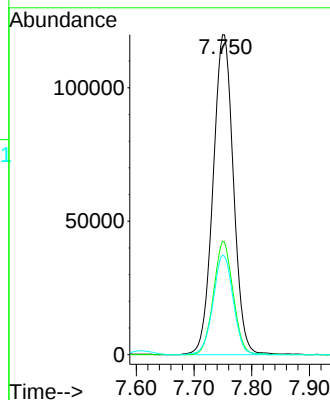
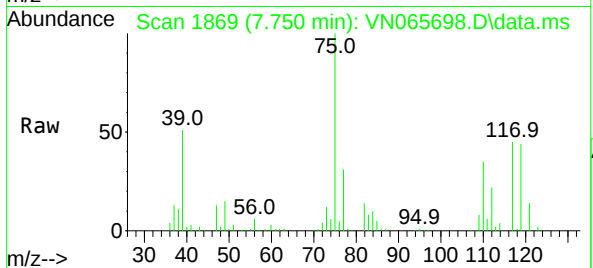
#29
1,1-Dichloropropene
Concen: 120.48 ug/l
RT: 7.750 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 75 Resp: 293783
Ion Ratio Lower Upper
75 100
110 33.9 0.0 74.2
77 30.7 0.0 61.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

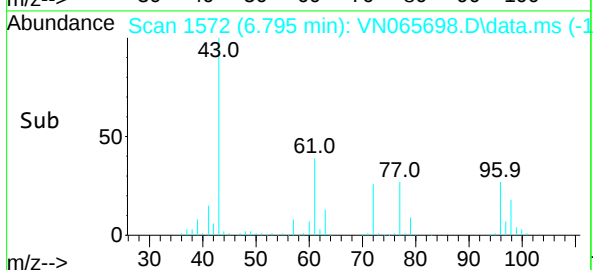
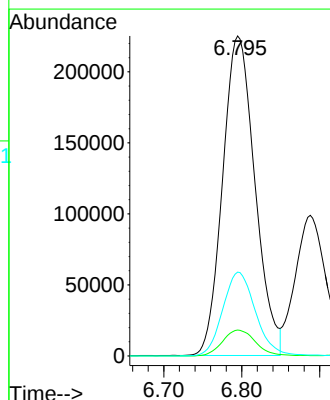
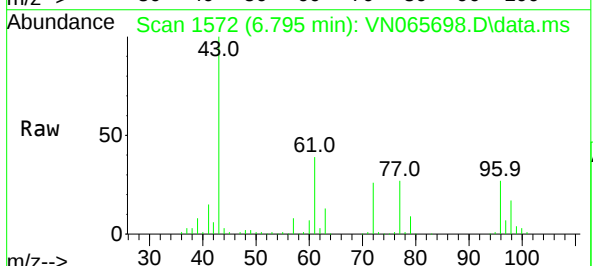
Manual Integrations
APPROVED

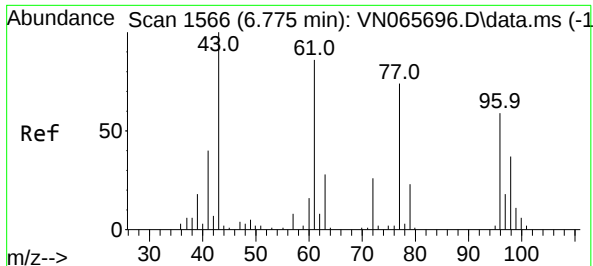
MMDadoda
2/4/2021 10:33:15 AM



#30
2-Butanone
Concen: 644.42 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 43 Resp: 648466
Ion Ratio Lower Upper
43 100
57 8.3 7.0 10.4
72 26.8 23.6 35.4





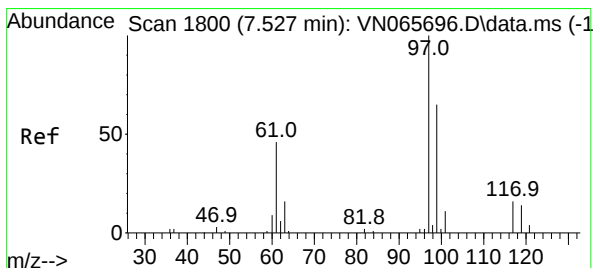
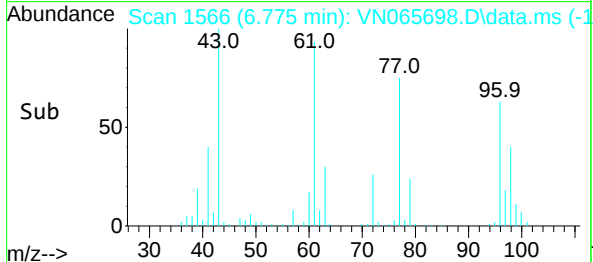
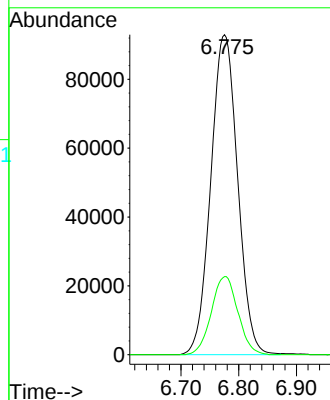
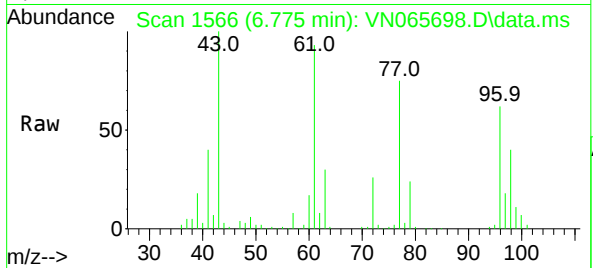
#31
2,2-Dichloropropane
Concen: 118.86 ug/l
RT: 6.775 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 77 Resp: 300218
Ion Ratio Lower Upper
77 100
97 24.2 19.0 28.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

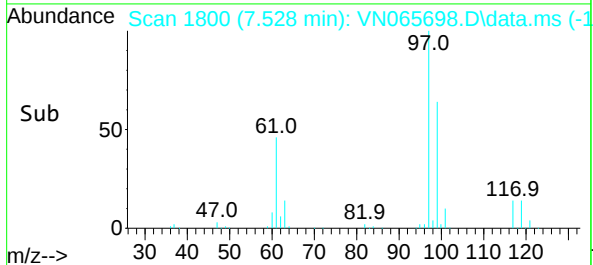
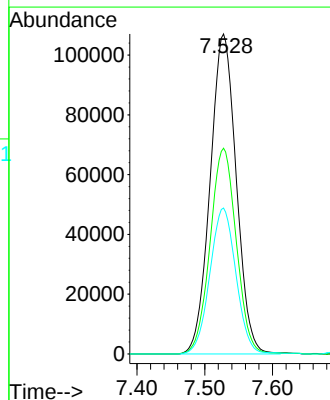
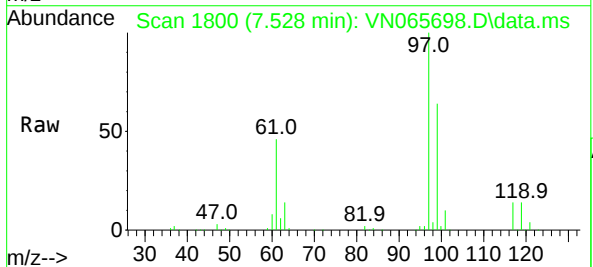
Manual Integrations
APPROVED

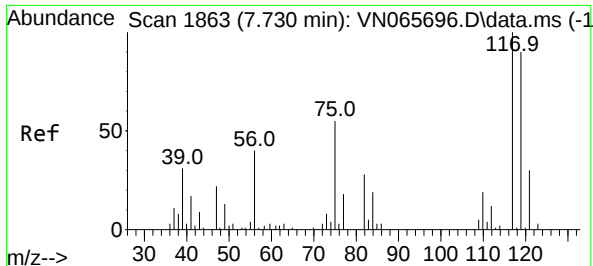
MMDadoda
2/4/2021 10:33:15 AM



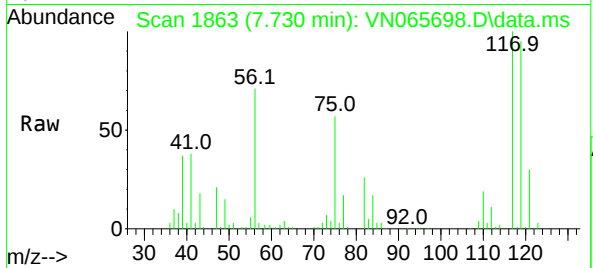
#32
1,1,1-Trichloroethane
Concen: 106.85 ug/l
RT: 7.528 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 97 Resp: 286584
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 45.5 34.7 52.1

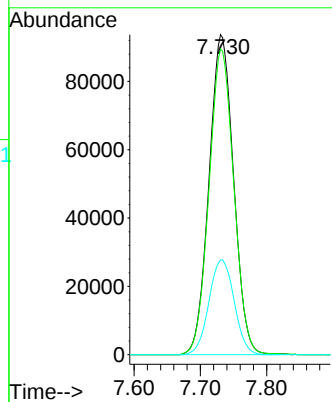
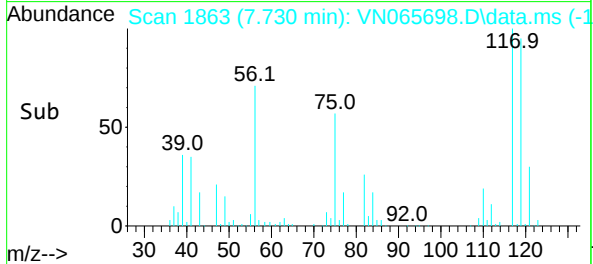




#33
Carbon Tetrachloride
Concen: 102.80 ug/l
RT: 7.730 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03



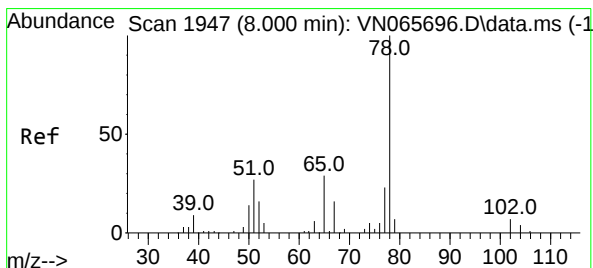
Tgt Ion:117 Resp: 240974
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.4
121 29.6 24.8 37.2



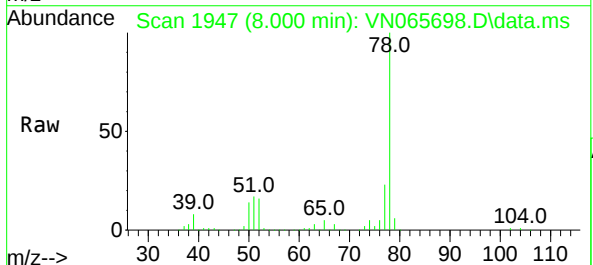
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

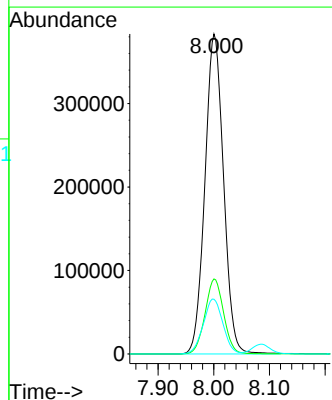
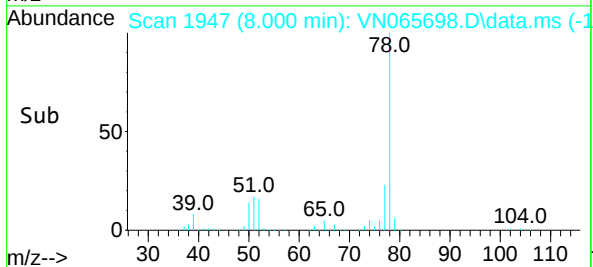
MMDadoda
2/4/2021 10:33:15 AM

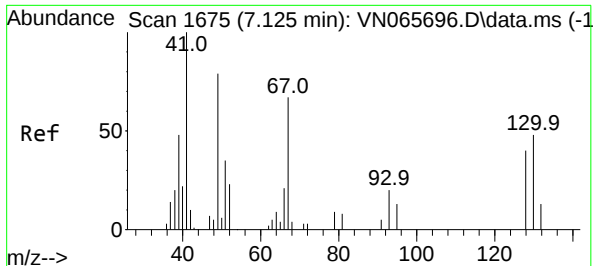


#34
Benzene
Concen: 118.99 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03



Tgt Ion: 78 Resp: 891769
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6
51 17.1 22.1 33.1#





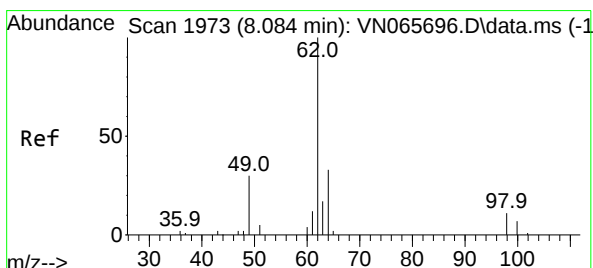
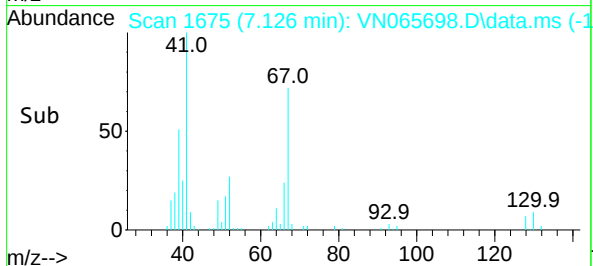
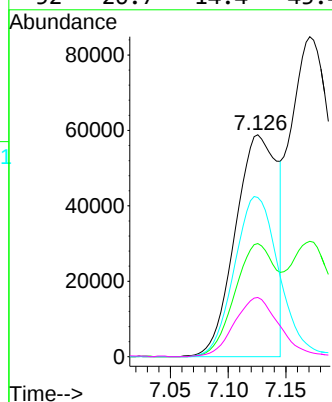
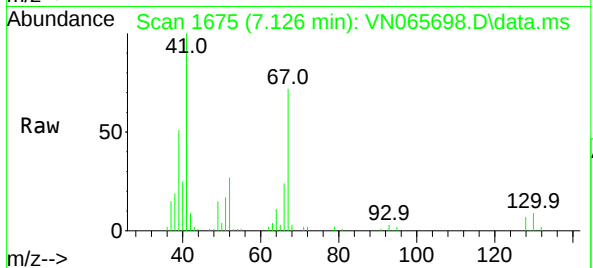
#35
Methacrylonitrile
Concen: 146.69 ug/l
RT: 7.126 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:	41	Resp:	148529
Ion	Ratio	Lower	Upper
41	100		
39	51.0	26.8	80.3
67	71.7	38.0	113.9
52	26.7	14.4	43.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

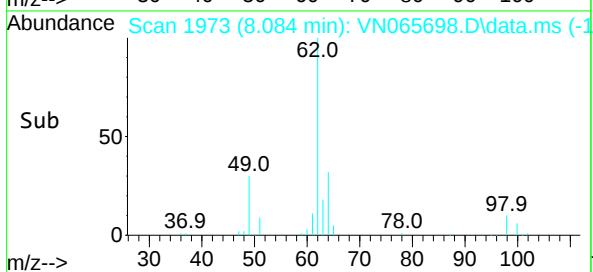
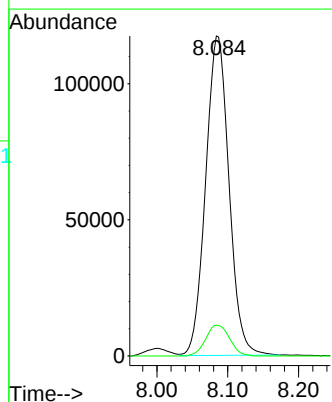
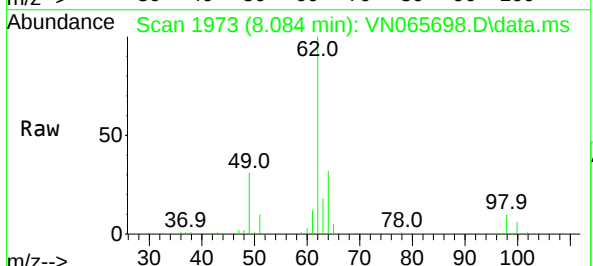
Manual Integrations
APPROVED

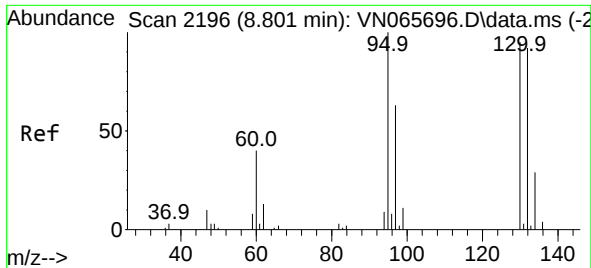
MMDadoda
2/4/2021 10:33:15 AM



#36
1,2-Dichloroethane
Concen: 111.08 ug/l
RT: 8.084 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:	62	Resp:	268739
Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.4	11.2





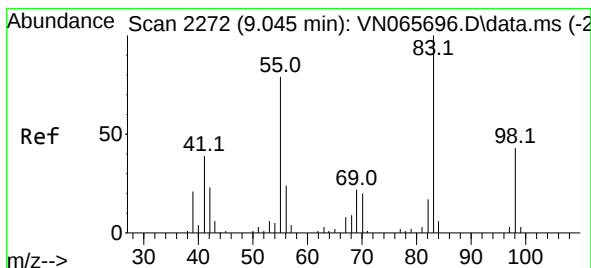
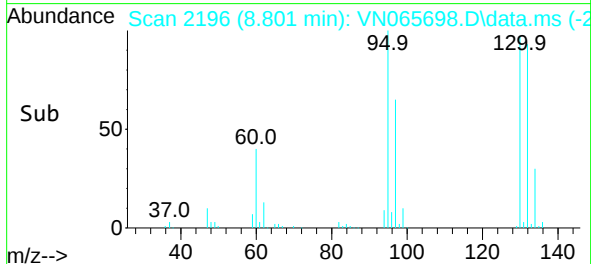
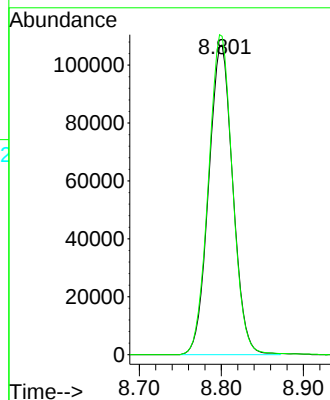
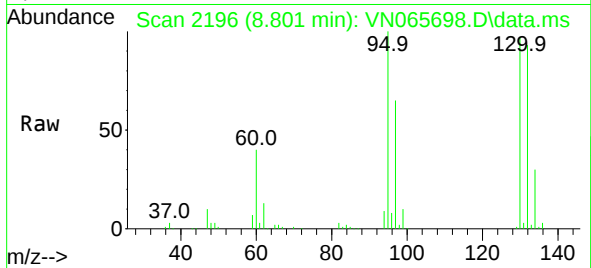
#37
Trichloroethene
Concen: 101.78 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:130 Resp: 219140
Ion Ratio Lower Upper
130 100
95 102.8 74.0 111.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

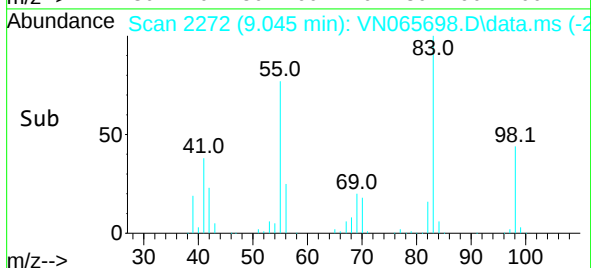
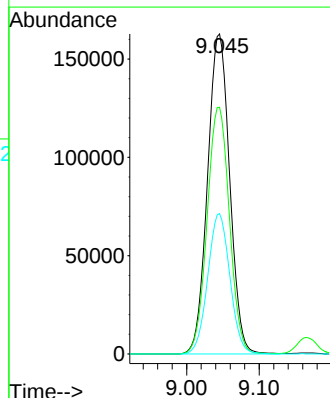
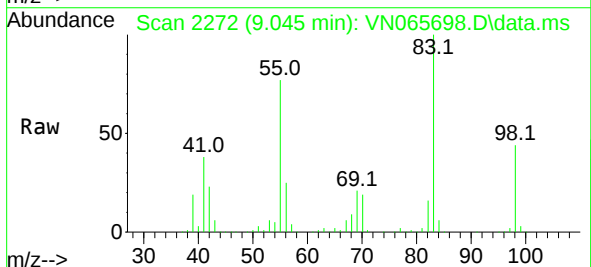
Manual Integrations
APPROVED

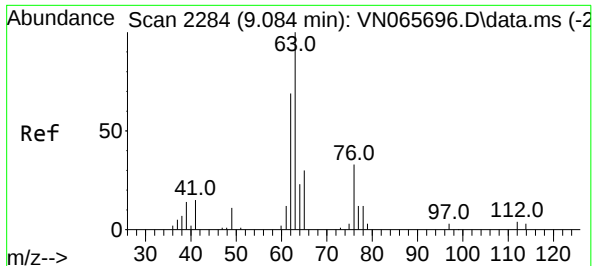
MMDadoda
2/4/2021 10:33:15 AM



#38
Methylcyclohexane
Concen: 121.20 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 83 Resp: 345400
Ion Ratio Lower Upper
83 100
55 77.7 37.2 111.6
98 43.9 23.8 71.4





#39

1,2-Dichloropropane

Concen: 125.11 ug/l

RT: 9.081 min Scan# 2283

Delta R.T. -0.003 min

Lab File: VN065698.D

Acq: 3 Feb 2021 14:03

Tgt Ion: 63 Resp: 245348

Ion Ratio Lower Upper

63 100

65 30.3 24.1 36.1

Instrument :

MSVOA_N

ClientSampleId :

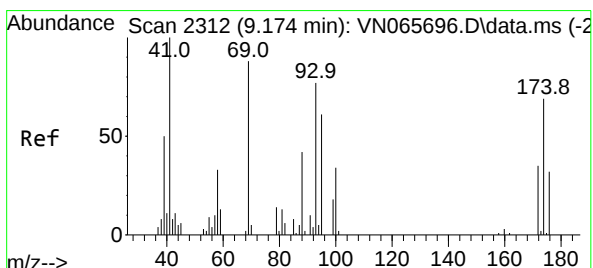
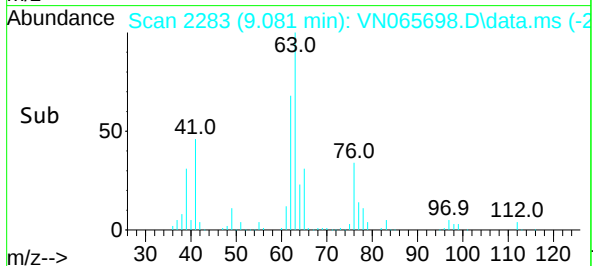
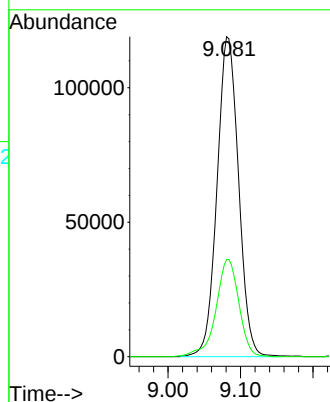
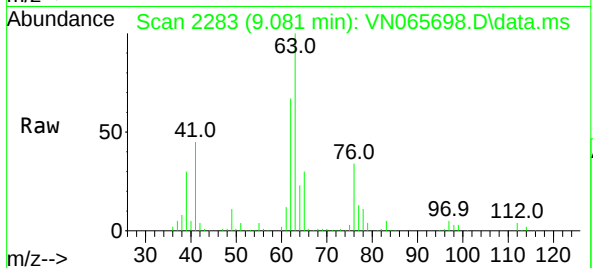
VSTDIC100

Manual Integrations

APPROVED

MMDadoda

2/4/2021 10:33:15 AM



#40

Dibromomethane

Concen: 109.19 ug/l

RT: 9.174 min Scan# 2312

Delta R.T. 0.000 min

Lab File: VN065698.D

Acq: 3 Feb 2021 14:03

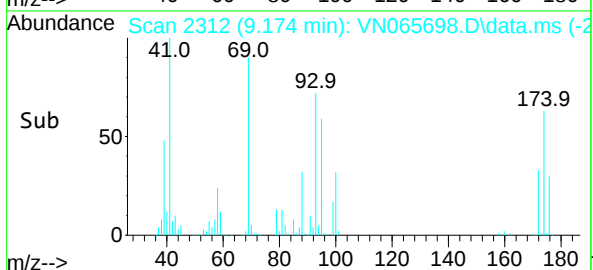
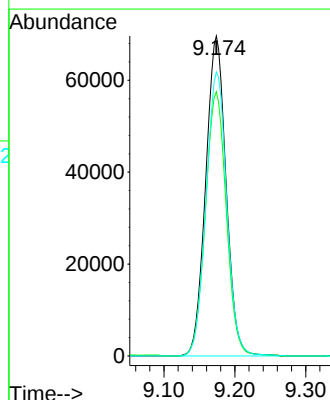
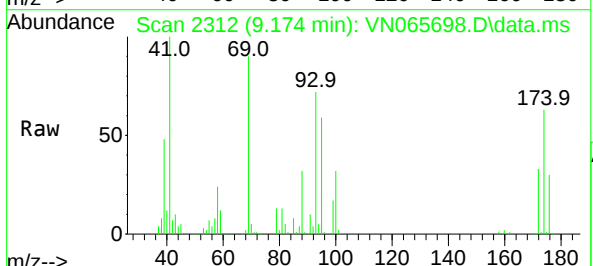
Tgt Ion: 93 Resp: 139139

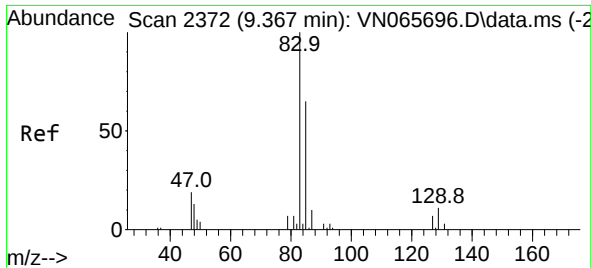
Ion Ratio Lower Upper

93 100

95 84.4 0.0 168.6

174 90.4 0.0 246.4





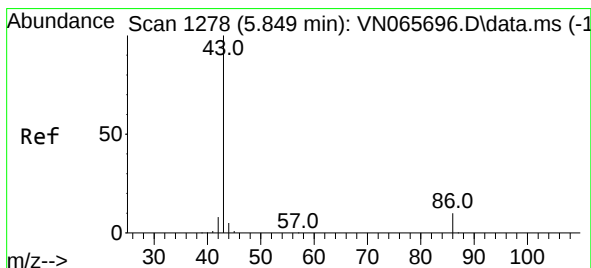
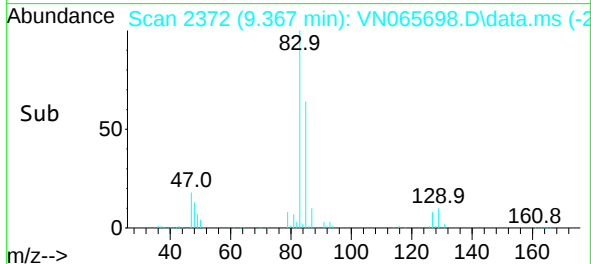
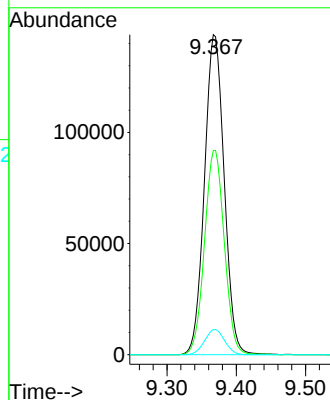
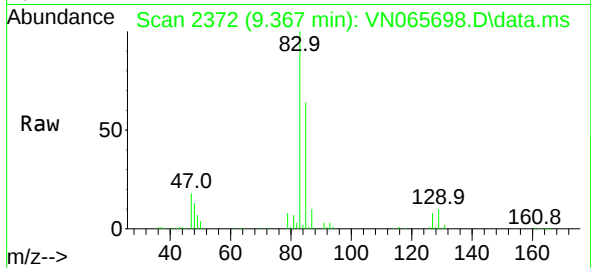
#41
Bromodichloromethane
Concen: 114.26 ug/l
RT: 9.367 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 83 Resp: 284480
Ion Ratio Lower Upper
83 100
85 63.8 50.7 76.1
127 7.8 7.5 11.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

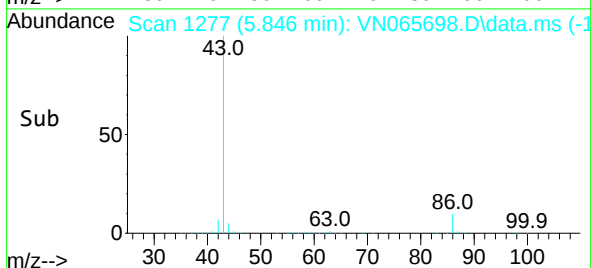
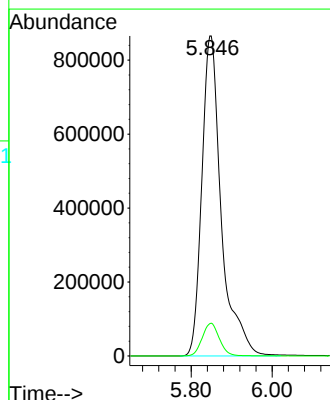
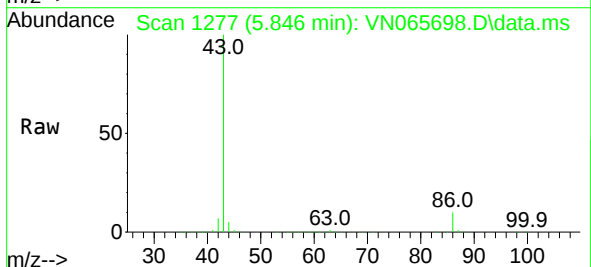
Manual Integrations
APPROVED

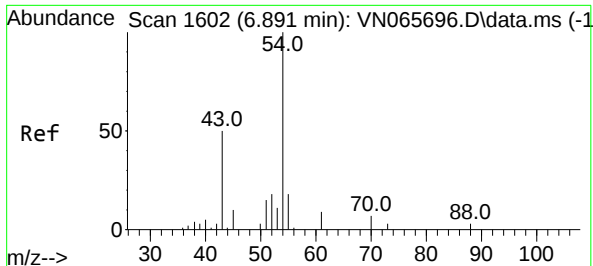
MMDadoda
2/4/2021 10:33:15 AM



#42
Vinyl Acetate
Concen: 663.60 ug/l
RT: 5.846 min Scan# 1277
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 43 Resp: 2889272
Ion Ratio Lower Upper
43 100
86 9.0 7.9 11.9





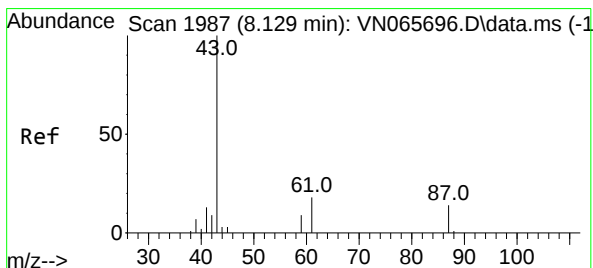
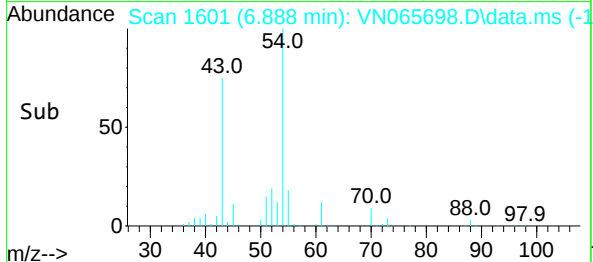
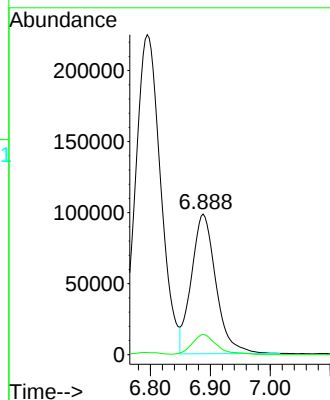
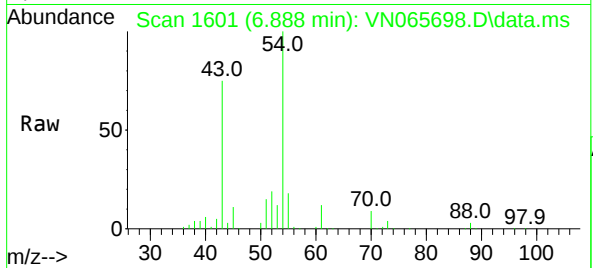
#43
Ethyl Acetate
Concen: 131.10 ug/l
RT: 6.888 min Scan# 1601
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 43 Resp: 279468
Ion Ratio Lower Upper
43 100
45 14.9 12.9 19.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

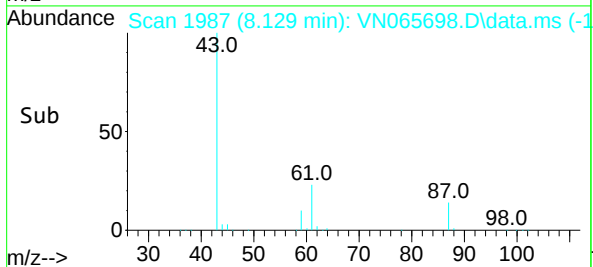
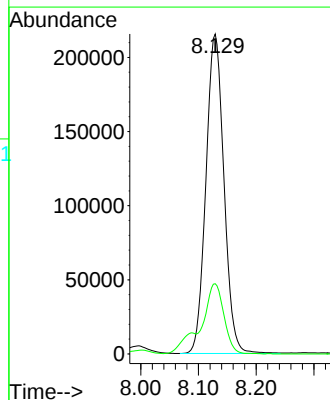
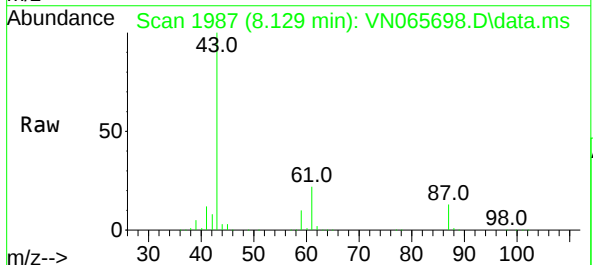
Manual Integrations
APPROVED

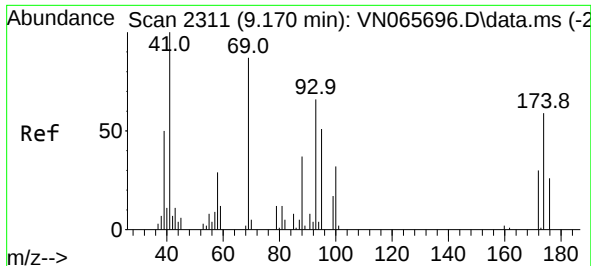
MMDadoda
2/4/2021 10:33:15 AM



#44
Isopropyl Acetate
Concen: 130.77 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 43 Resp: 467259
Ion Ratio Lower Upper
43 100
61 22.3 16.8 25.2





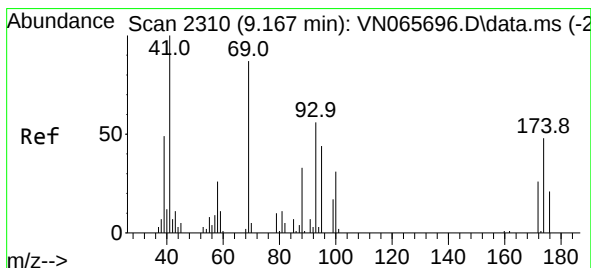
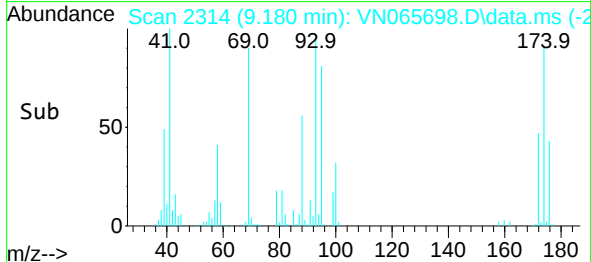
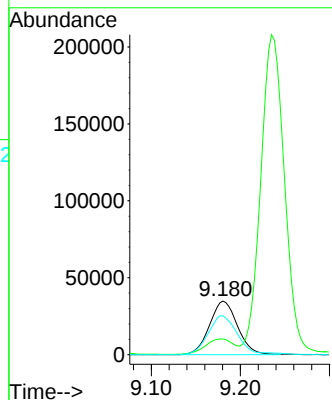
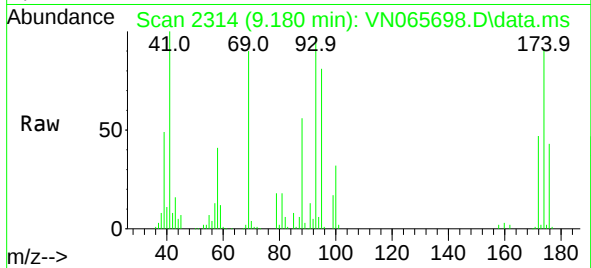
#45
1,4-Dioxane
Concen: 2854.76 ug/l
RT: 9.180 min Scan# 2314
Delta R.T. 0.010 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 88 Resp: 76128
Ion Ratio Lower Upper
88 100
43 29.7 28.3 42.5
58 74.6 53.8 80.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

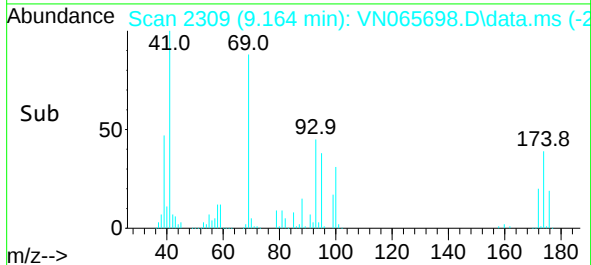
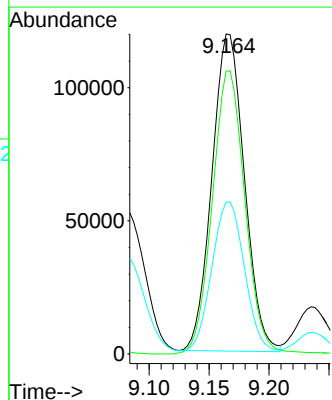
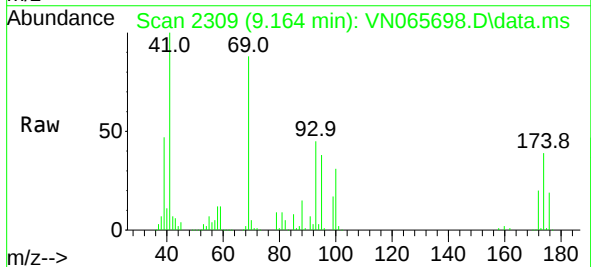
Manual Integrations
APPROVED

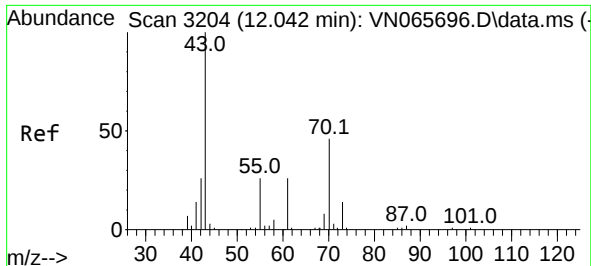
MMDadoda
2/4/2021 10:33:15 AM



#46
Methyl methacrylate
Concen: 128.16 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 41 Resp: 224409
Ion Ratio Lower Upper
41 100
69 89.0 46.3 138.8
39 47.0 26.8 80.3





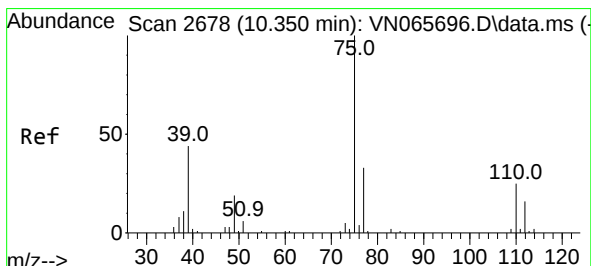
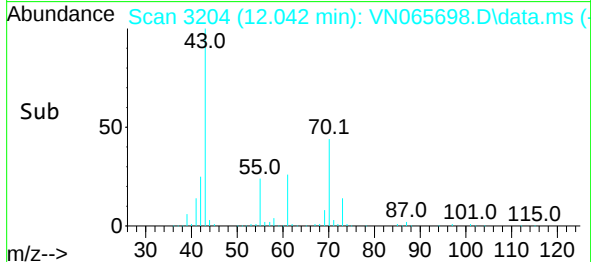
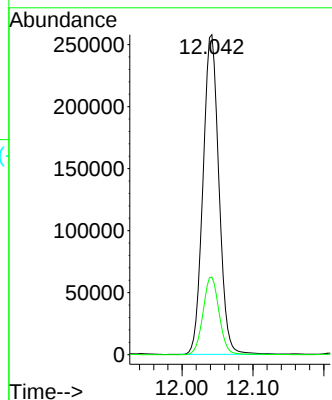
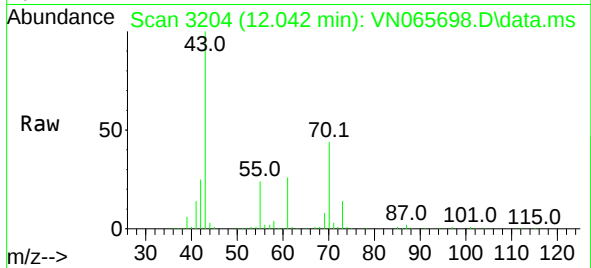
#47
n-amy1 Acetate
Concen: 131.31 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 43 Resp: 402413
Ion Ratio Lower Upper
43 100
55 24.5 21.3 31.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

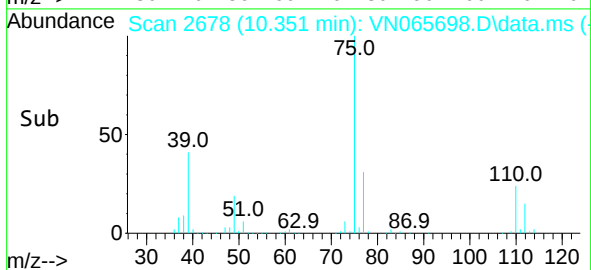
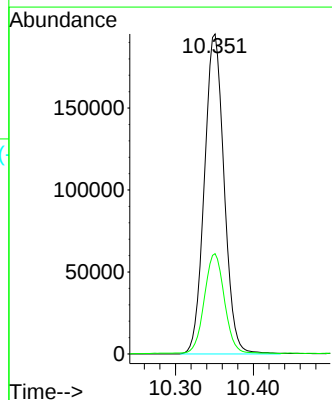
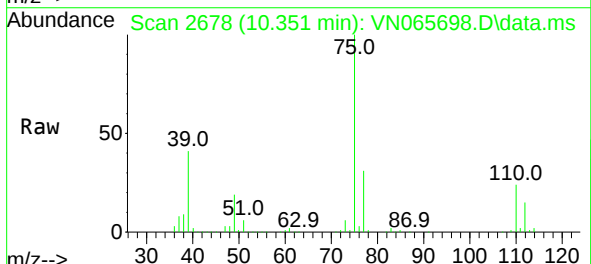
Manual Integrations
APPROVED

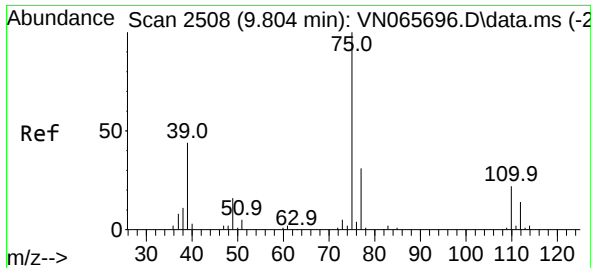
MMDadoda
2/4/2021 10:33:15 AM



#48
t-1,3-Dichloropropene
Concen: 122.06 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 75 Resp: 342941
Ion Ratio Lower Upper
75 100
77 31.2 26.5 39.7





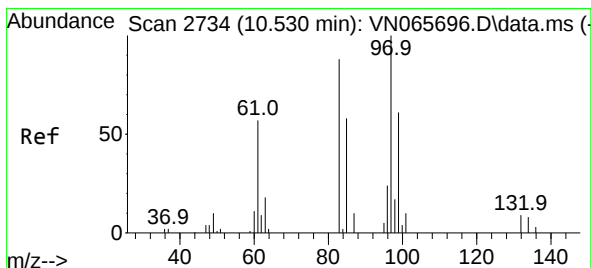
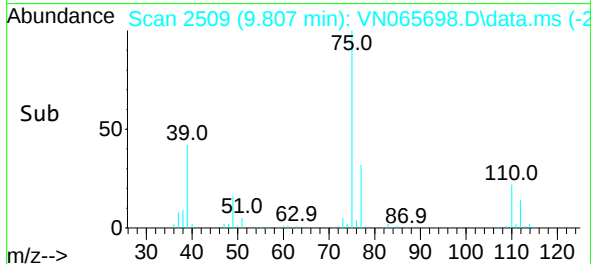
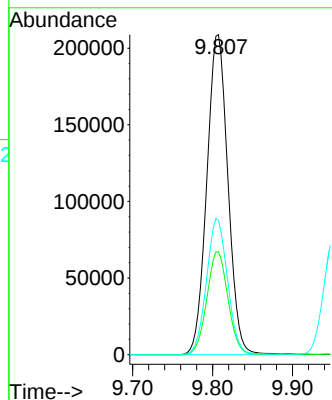
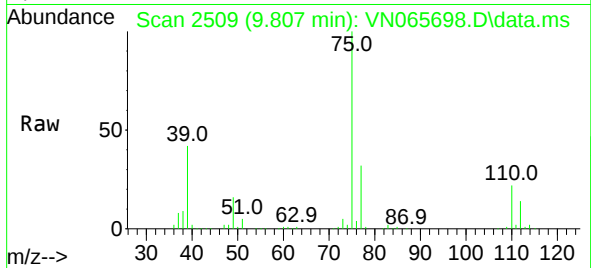
#49
 cis-1,3-Dichloropropene
 Concen: 124.05 ug/l
 RT: 9.807 min Scan# 2509
 Delta R.T. 0.003 min
 Lab File: VN065698.D
 Acq: 3 Feb 2021 14:03

Tgt Ion: 75 Resp: 383548
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.8 37.2
 39 42.0 34.4 51.6

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

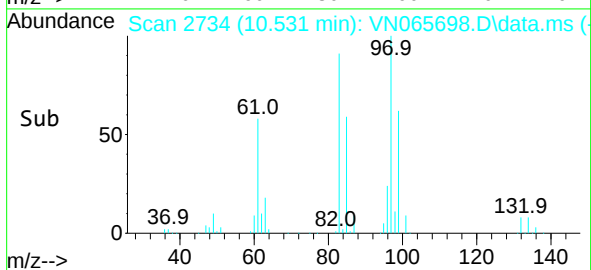
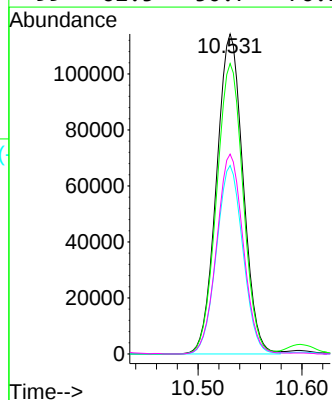
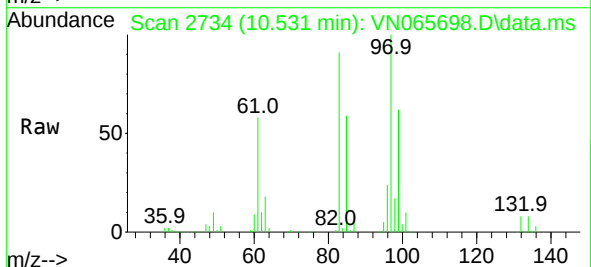
Manual Integrations
 APPROVED

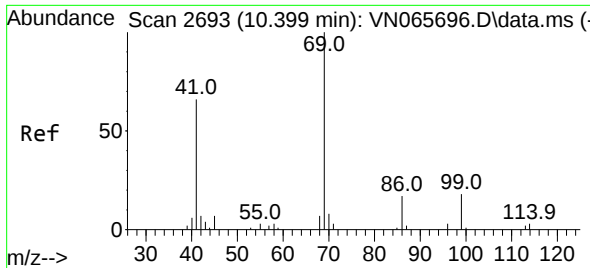
MMDadoda
 2/4/2021 10:33:15 AM



#50
 1,1,2-Trichloroethane
 Concen: 108.96 ug/l
 RT: 10.531 min Scan# 2734
 Delta R.T. 0.000 min
 Lab File: VN065698.D
 Acq: 3 Feb 2021 14:03

Tgt Ion: 97 Resp: 202878
 Ion Ratio Lower Upper
 97 100
 83 90.8 68.4 102.6
 85 58.9 42.8 64.2
 99 62.5 50.7 76.1





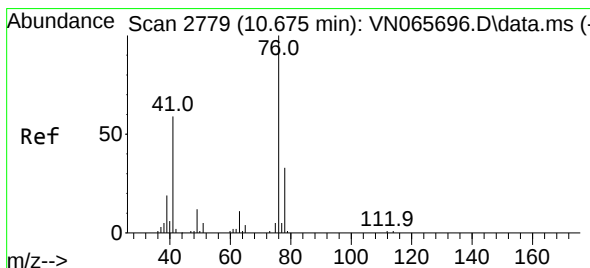
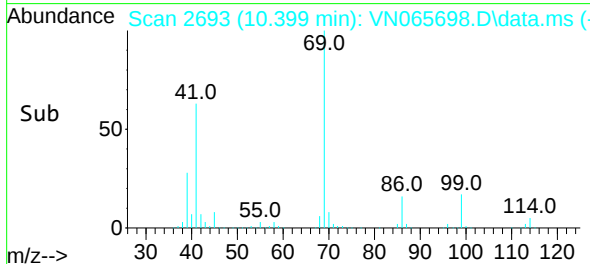
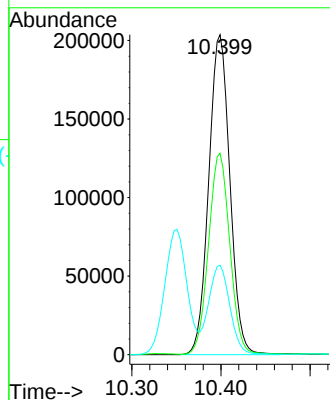
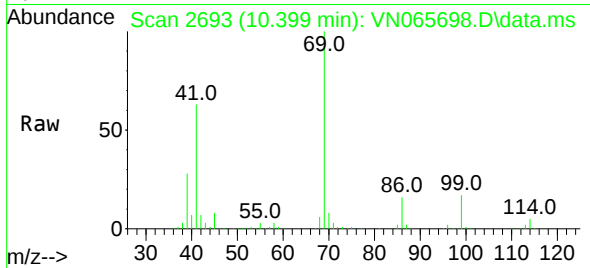
#51
Ethyl methacrylate
Concen: 124.97 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 69 Resp: 335861
Ion Ratio Lower Upper
69 100
41 62.8 31.9 95.7
39 27.8 15.6 46.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

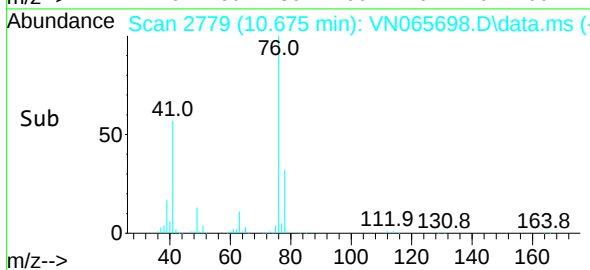
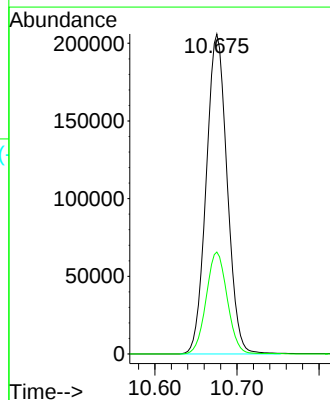
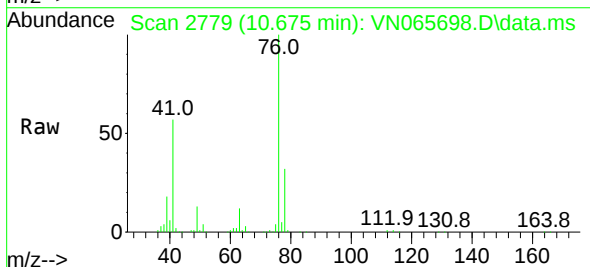
Manual Integrations
APPROVED

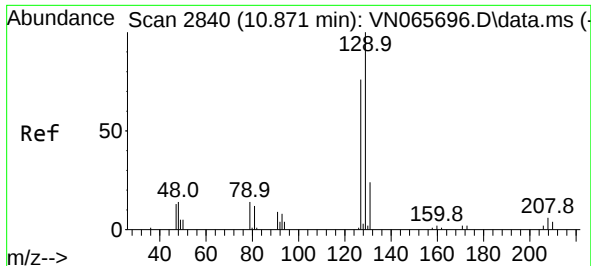
MMDadoda
2/4/2021 10:33:15 AM



#52
1,3-Dichloropropane
Concen: 116.25 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 76 Resp: 364633
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.2





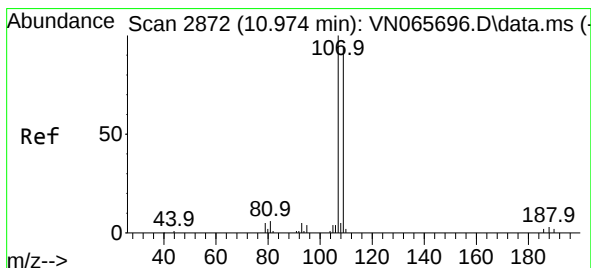
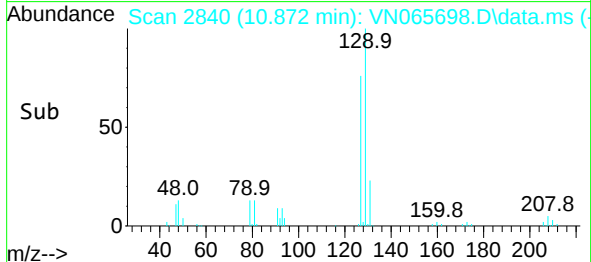
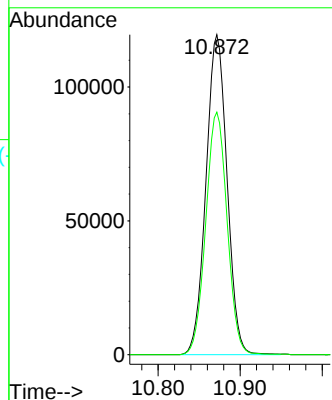
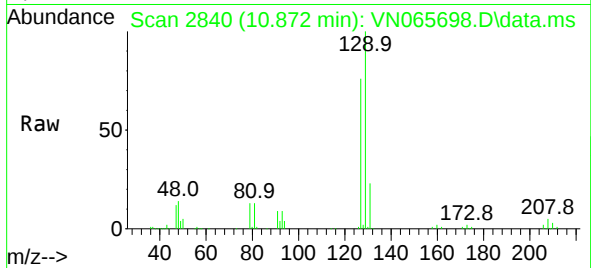
#53
Dibromochloromethane
Concen: 104.64 ug/l
RT: 10.872 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:129 Resp: 213325
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

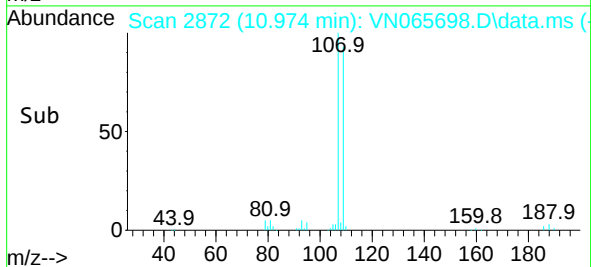
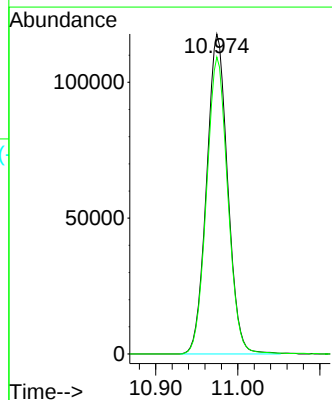
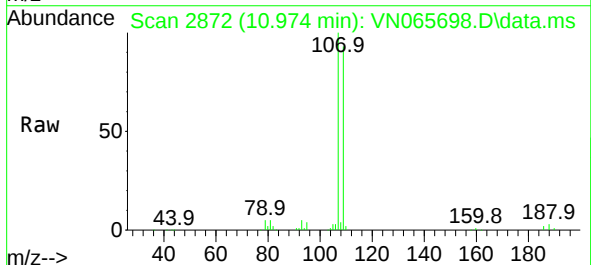
Manual Integrations
APPROVED

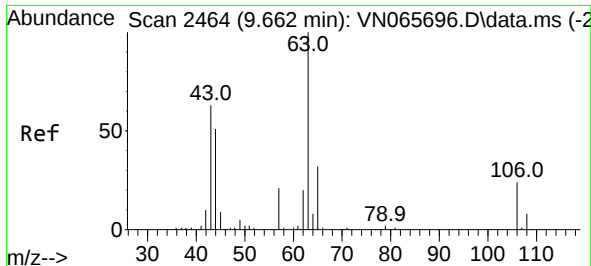
MMDadoda
2/4/2021 10:33:15 AM



#54
1,2-Dibromoethane
Concen: 106.23 ug/l
RT: 10.974 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

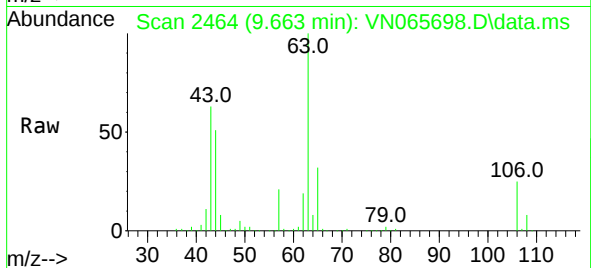
Tgt Ion:107 Resp: 209775
Ion Ratio Lower Upper
107 100
109 93.6 76.6 115.0





#55
2-Chloroethyl vinyl ether
Concen: 628.82 ug/l
RT: 9.663 min Scan# 2464
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

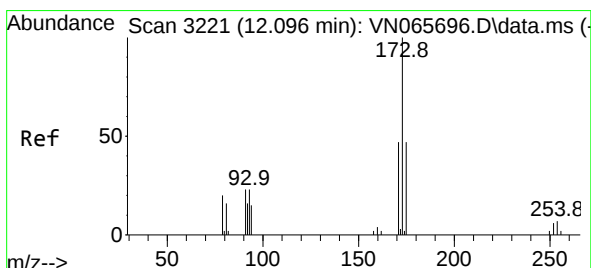
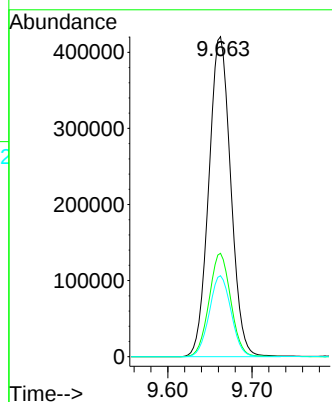
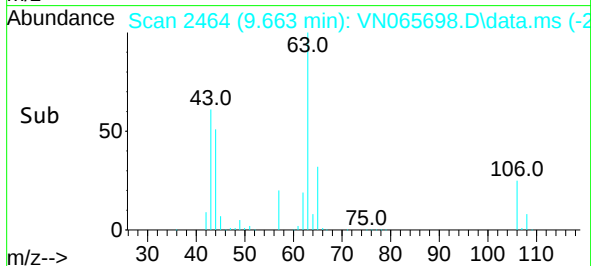
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



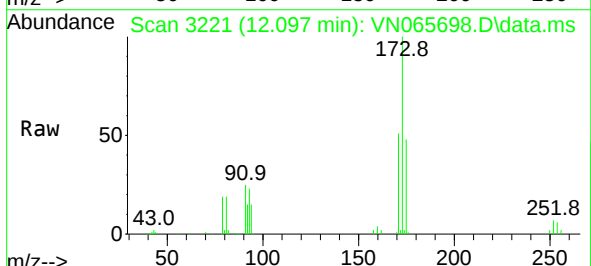
Tgt Ion: 63 Resp: 759754
Ion Ratio Lower Upper
63 100
65 32.0 25.7 38.5
106 25.3 23.1 34.7

Manual Integrations
APPROVED

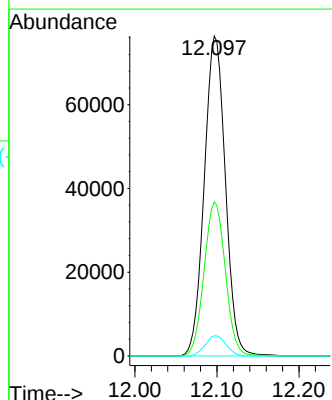
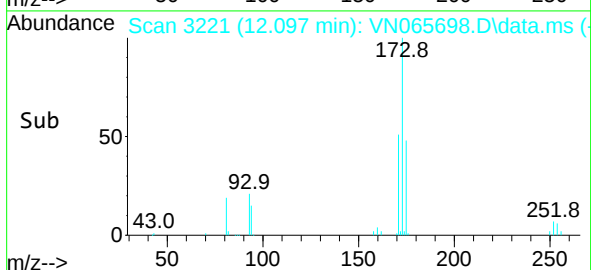
MMDadoda
2/4/2021 10:33:15 AM

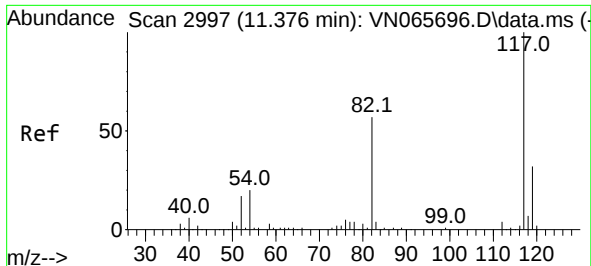


#56
Bromoform
Concen: 88.35 ug/l
RT: 12.097 min Scan# 3221
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03



Tgt Ion: 173 Resp: 136744
Ion Ratio Lower Upper
173 100
175 48.4 38.2 57.4
254 6.2 9.8 14.8#





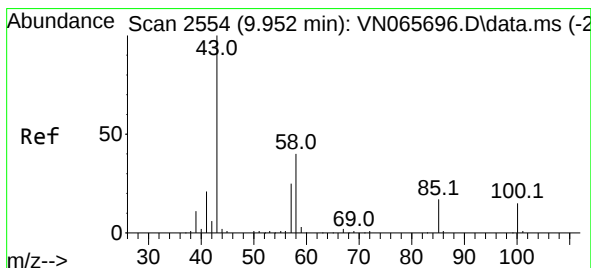
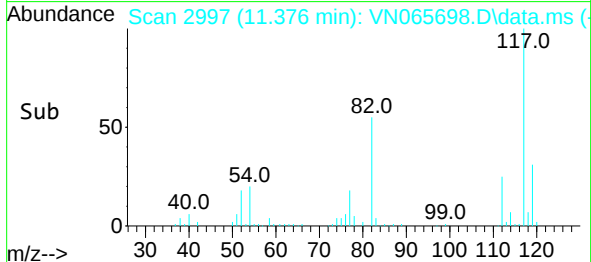
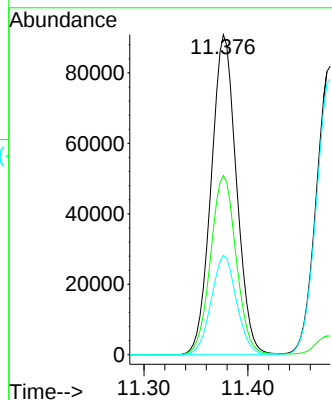
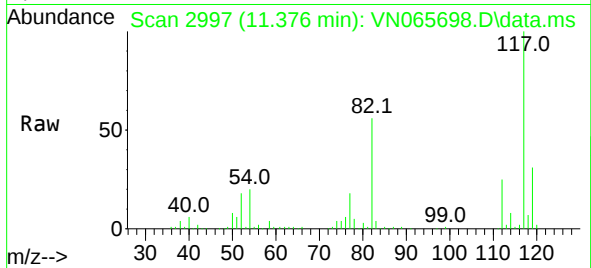
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 117 Resp: 153627
Ion Ratio Lower Upper
117 100
82 56.8 41.3 61.9
119 31.1 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

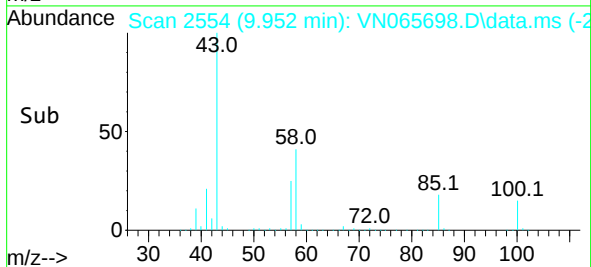
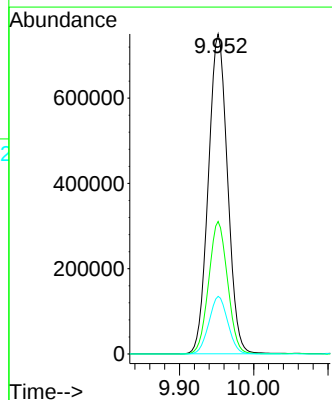
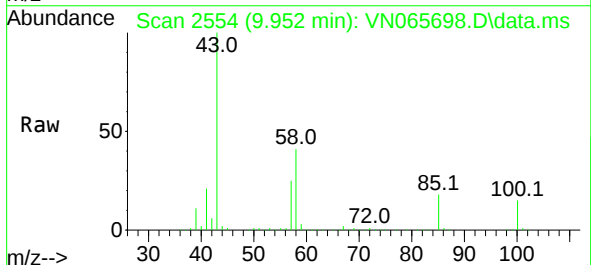
Manual Integrations
APPROVED

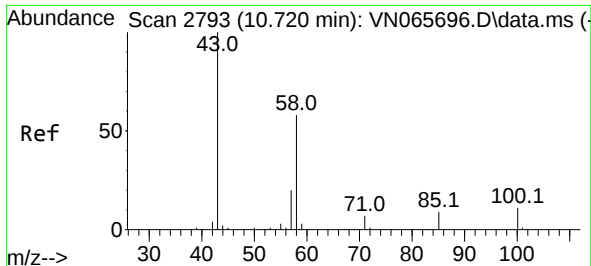
MMDadoda
2/4/2021 10:33:15 AM



#58
4-Methyl-2-Pentanone
Concen: 635.05 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 43 Resp: 1345125
Ion Ratio Lower Upper
43 100
58 40.9 32.7 49.1
85 17.7 16.0 24.0





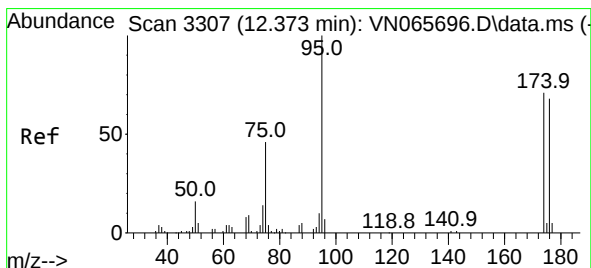
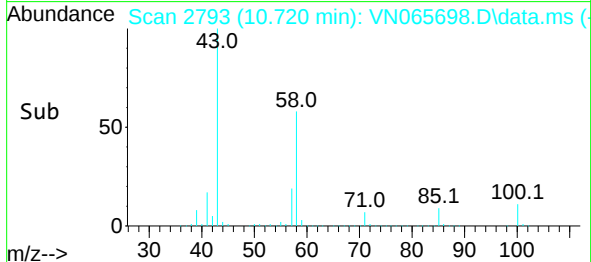
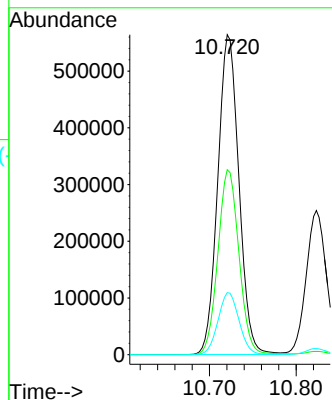
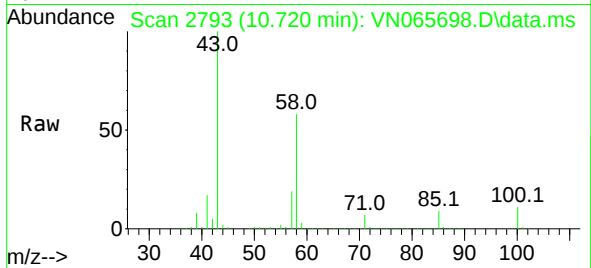
#59
2-Hexanone
Concen: 622.96 ug/l
RT: 10.720 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 43 Resp: 954599
Ion Ratio Lower Upper
43 100
58 57.9 45.4 68.0
57 19.4 15.8 23.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

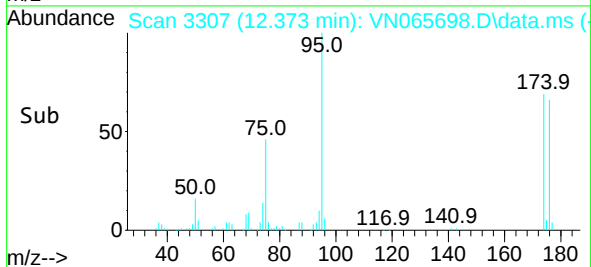
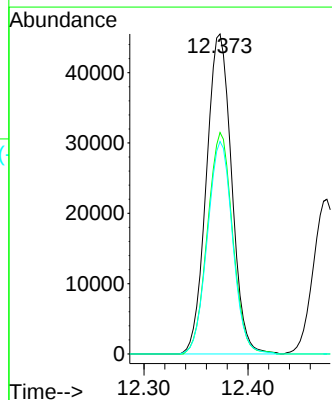
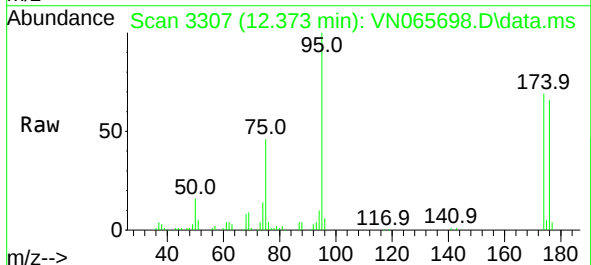
Manual Integrations
APPROVED

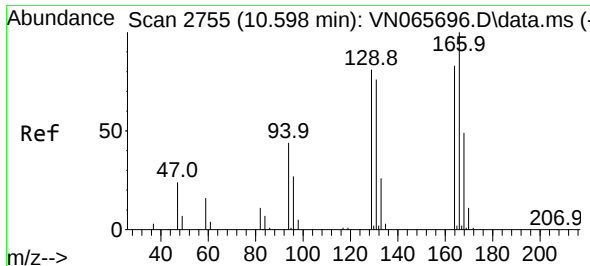
MMDadoda
2/4/2021 10:33:15 AM



#60
4-Bromofluorobenzene
Concen: 32.33 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

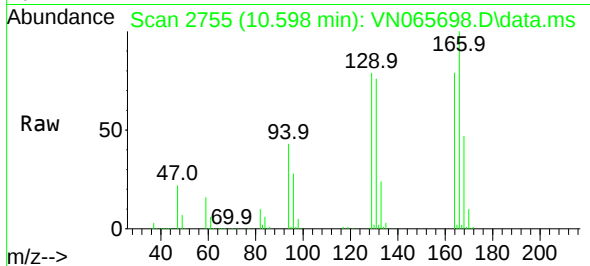
Tgt Ion: 95 Resp: 76766
Ion Ratio Lower Upper
95 100
174 69.0 77.0 115.6#
176 66.3 75.8 113.6#





#61
Tetrachloroethene
Concen: 87.42 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

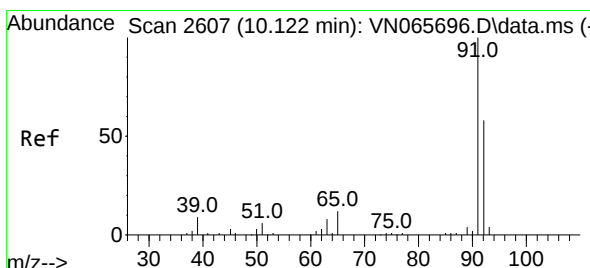
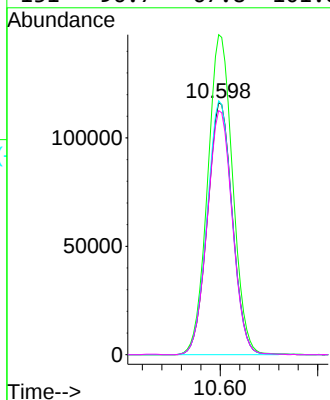
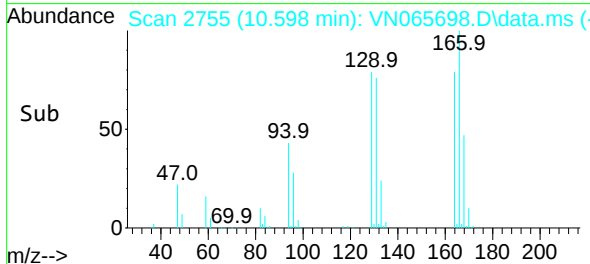
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



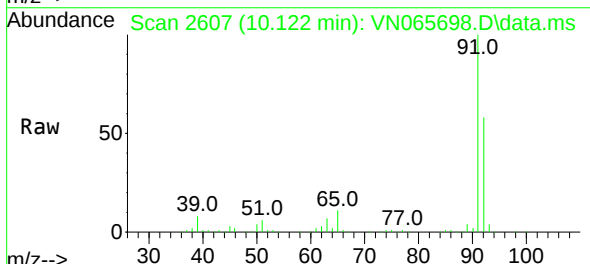
Tgt Ion:164 Resp: 206494
Ion Ratio Lower Upper
164 100
166 126.8 101.2 151.8
129 100.6 69.7 104.5
131 96.7 67.8 101.8

Manual Integrations
APPROVED

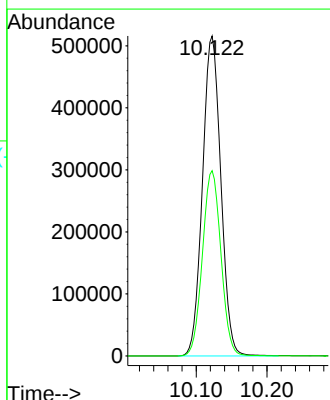
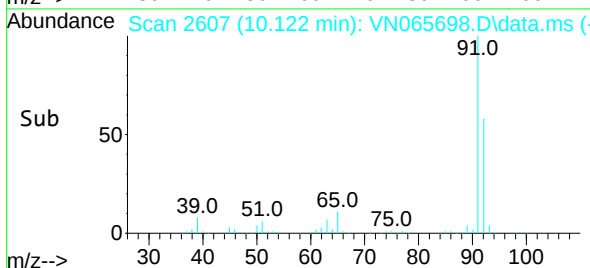
MMDadoda
2/4/2021 10:33:15 AM

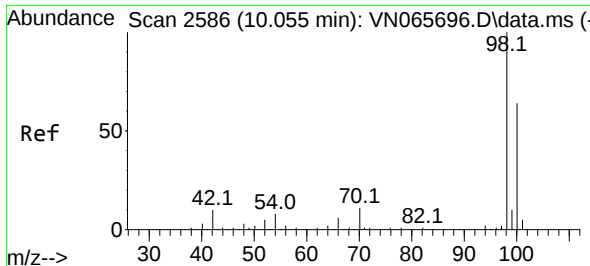


#62
Toluene
Concen: 114.26 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03



Tgt Ion: 91 Resp: 929589
Ion Ratio Lower Upper
91 100
92 58.2 46.2 69.4





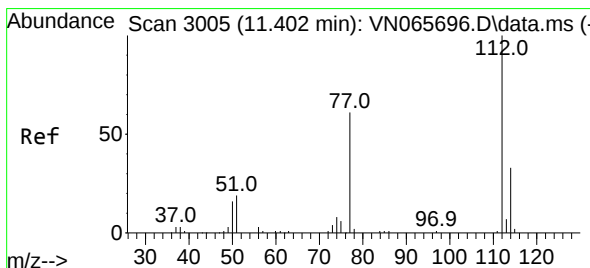
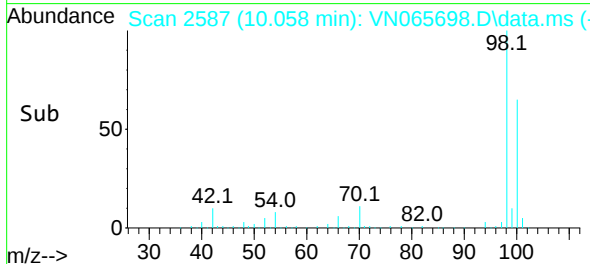
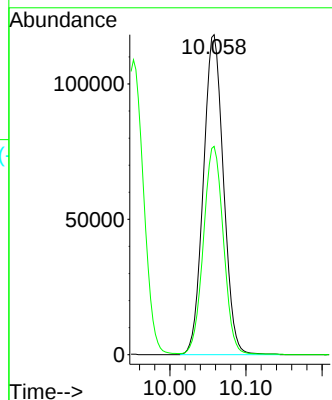
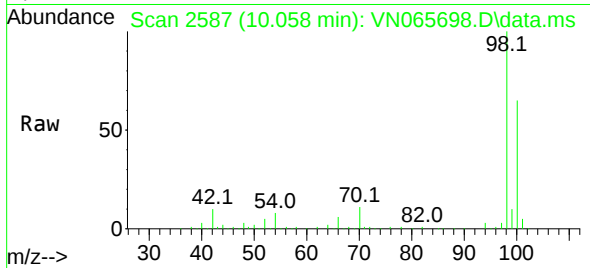
#63
Toluene-d8
Concen: 31.61 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 98 Resp: 216964
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

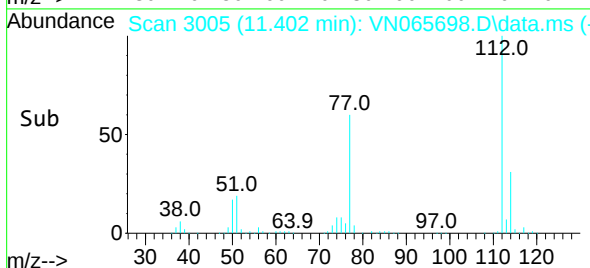
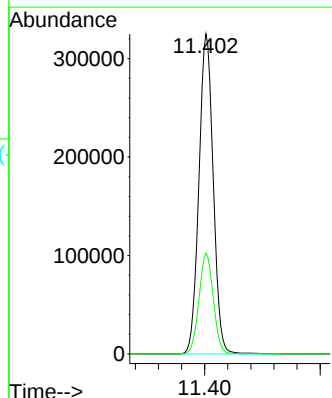
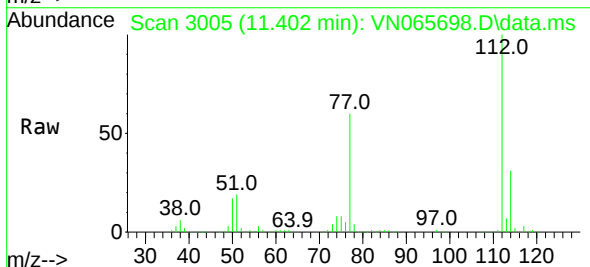
Manual Integrations
APPROVED

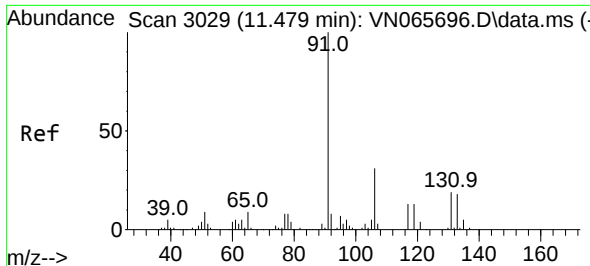
MMDadoda
2/4/2021 10:33:15 AM



#64
Chlorobenzene
Concen: 107.51 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 112 Resp: 558679
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3





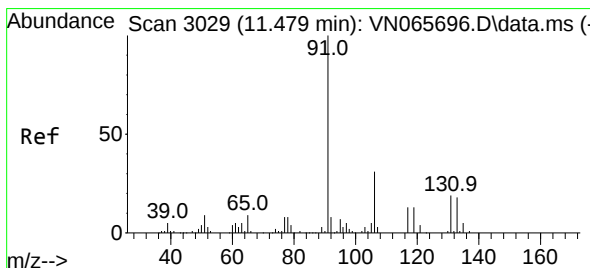
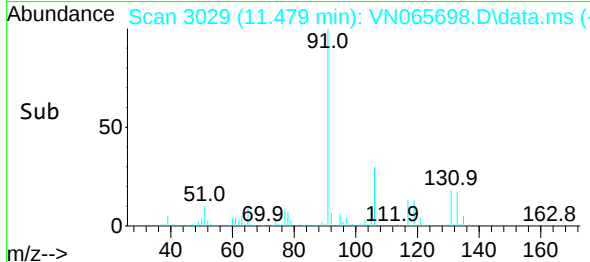
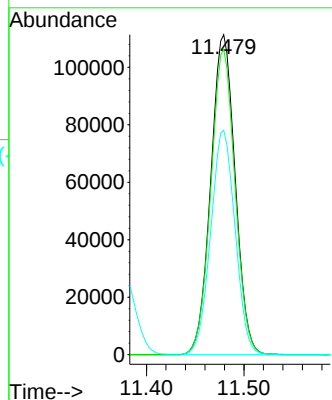
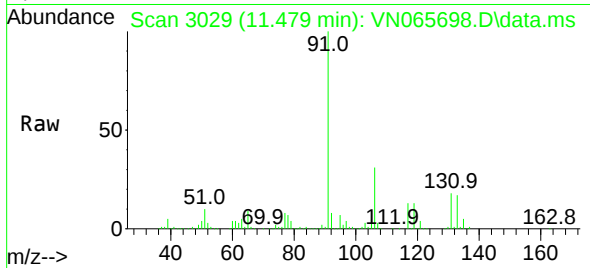
#65
1,1,1,2-Tetrachloroethane
Concen: 100.31 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:131 Resp: 193340
Ion Ratio Lower Upper
131 100
133 94.9 0.0 186.2
119 70.4 0.0 131.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

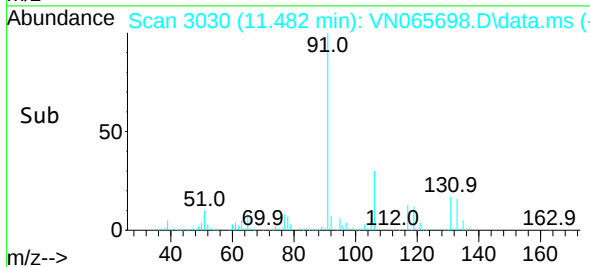
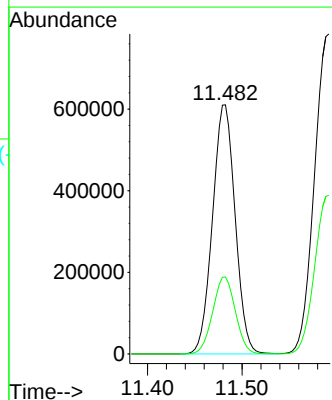
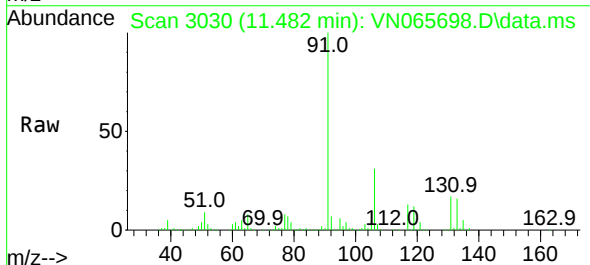
Manual Integrations
APPROVED

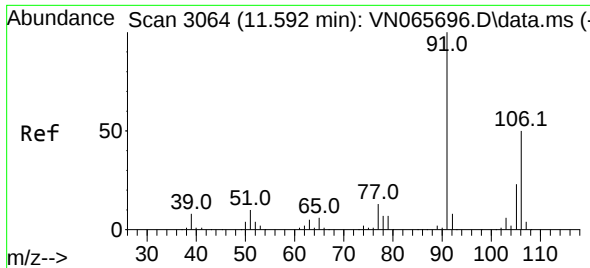
MMDadoda
2/4/2021 10:33:15 AM



#66
Ethyl Benzene
Concen: 114.35 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 91 Resp: 1015762
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3





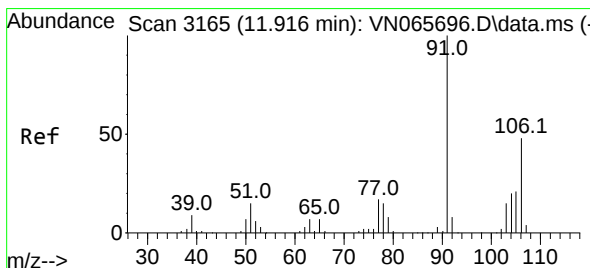
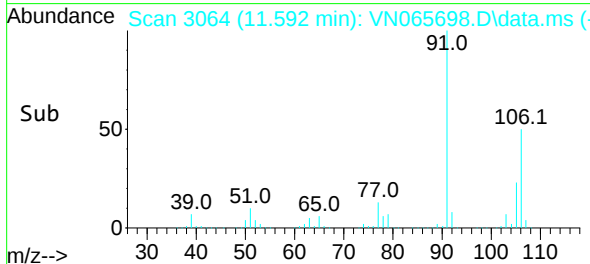
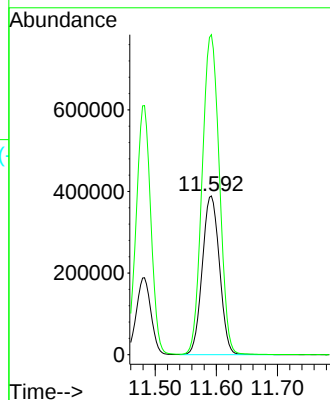
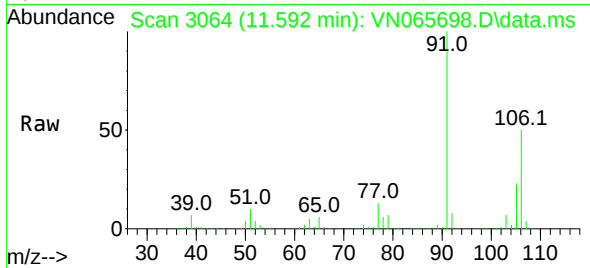
#67
m/p-Xylenes
Concen: 220.33 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:106 Resp: 759025
Ion Ratio Lower Upper
106 100
91 202.7 159.0 238.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

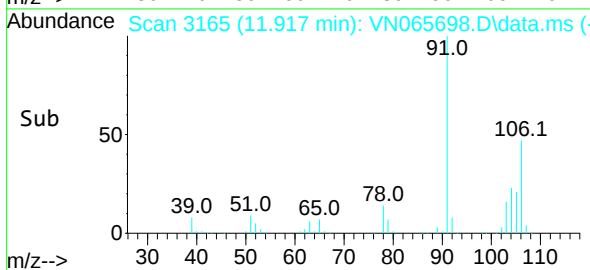
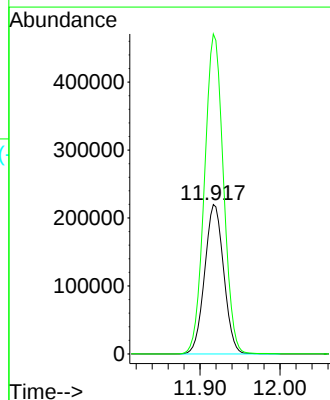
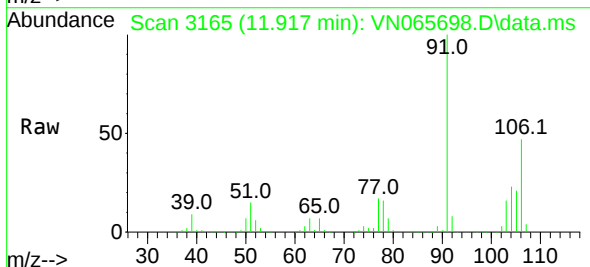
Manual Integrations
APPROVED

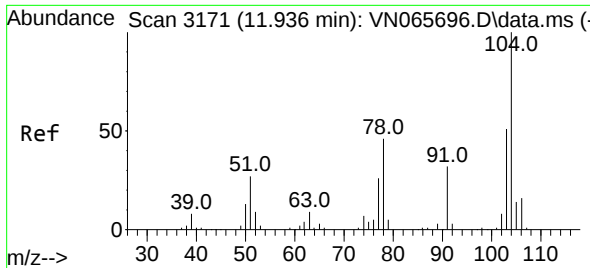
MMDadoda
2/4/2021 10:33:15 AM



#68
o-Xylene
Concen: 109.34 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:106 Resp: 364871
Ion Ratio Lower Upper
106 100
91 213.1 104.7 313.9





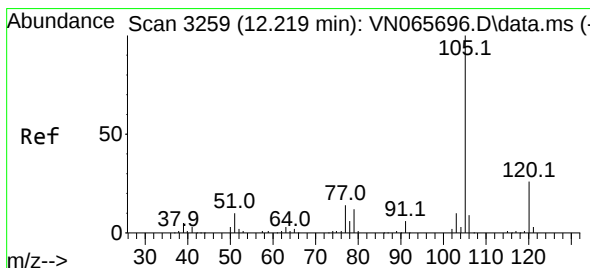
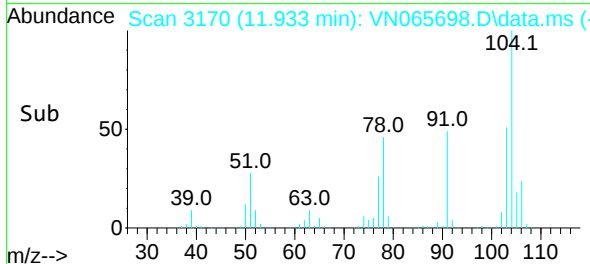
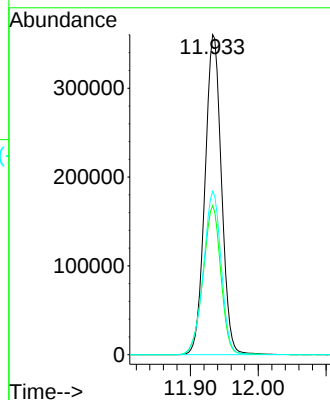
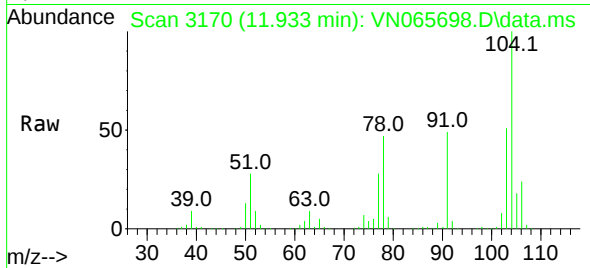
#69
Styrene
Concen: 110.40 ug/l
RT: 11.933 min Scan# 3170
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:104 Resp: 609419
Ion Ratio Lower Upper
104 100
78 50.3 38.0 57.0
103 54.9 44.3 66.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

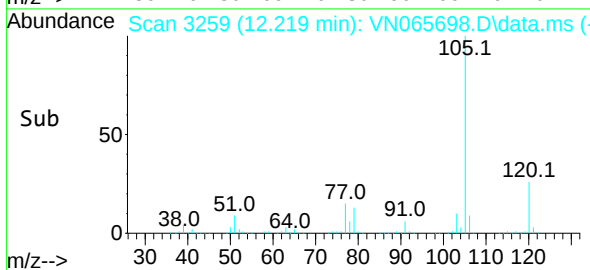
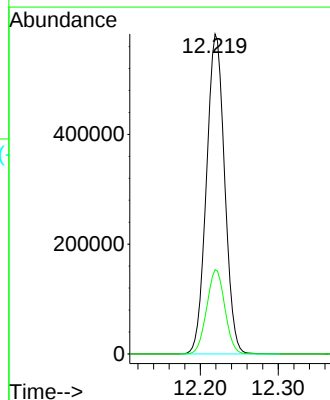
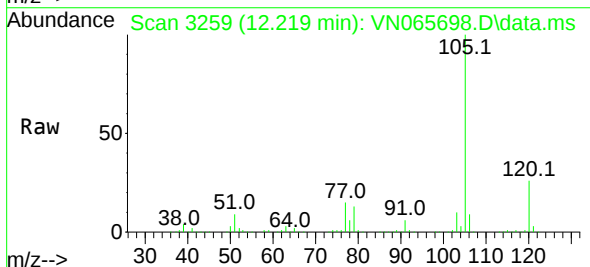
Manual Integrations
APPROVED

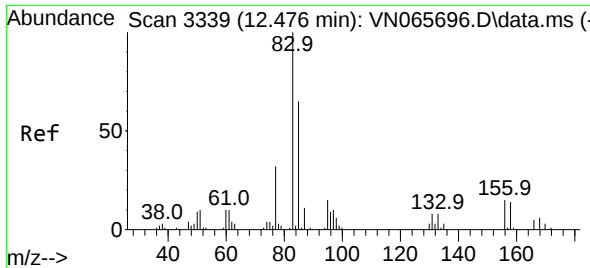
MMDadoda
2/4/2021 10:33:15 AM



#70
Isopropylbenzene
Concen: 108.57 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:105 Resp: 943763
Ion Ratio Lower Upper
105 100
120 26.3 19.3 35.9





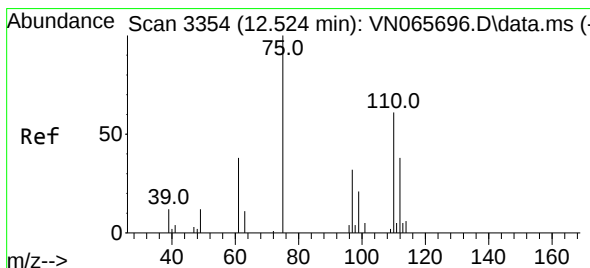
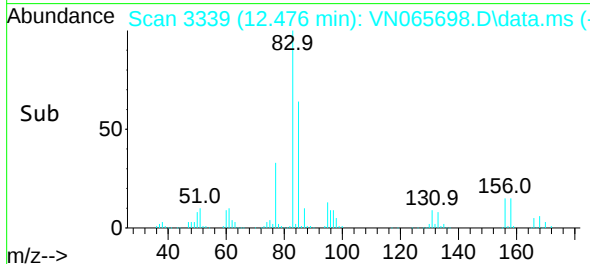
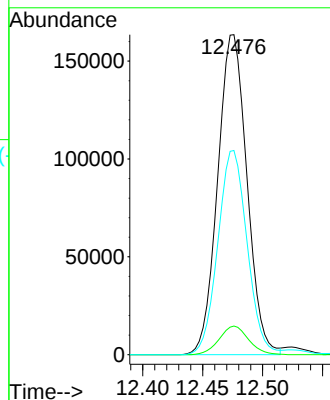
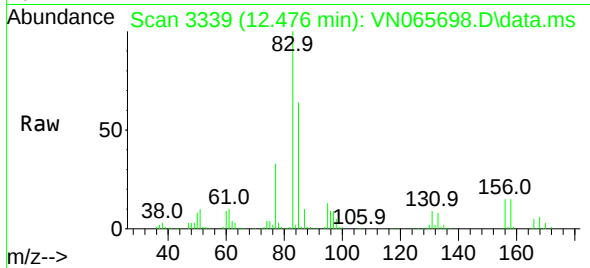
#71
1,1,2,2-Tetrachloroethane
Concen: 111.59 ug/l
RT: 12.476 min Scan# 3339
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 83 Resp: 277697
Ion Ratio Lower Upper
83 100
131 9.0 5.5 16.4
85 63.8 32.1 96.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

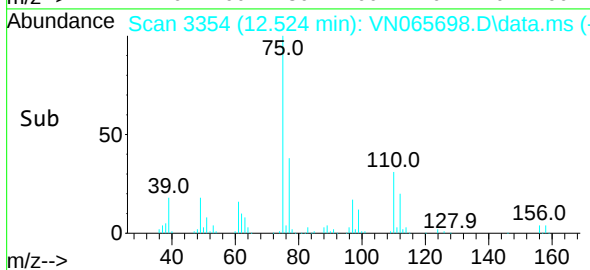
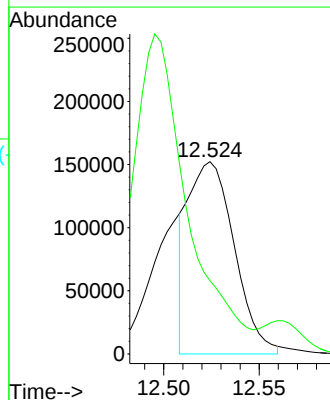
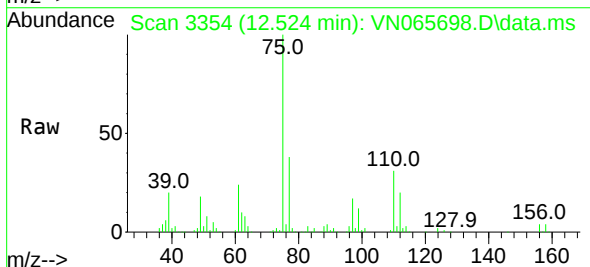
Manual Integrations
APPROVED

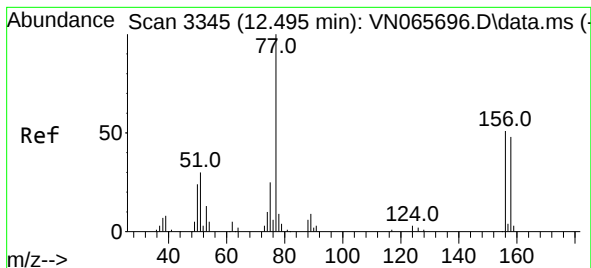
MMDadoda
2/4/2021 10:33:15 AM



#72
1,2,3-Trichloropropane
Concen: 106.64 ug/l m
RT: 12.524 min Scan# 3354
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 75 Resp: 256034
Ion Ratio Lower Upper
75 100
77 198.7 0.0 366.4





#73
Bromobenzene
Concen: 89.57 ug/l
RT: 12.495 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

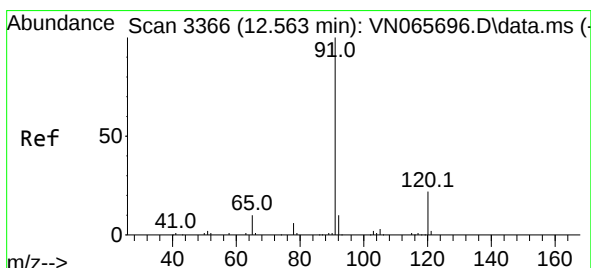
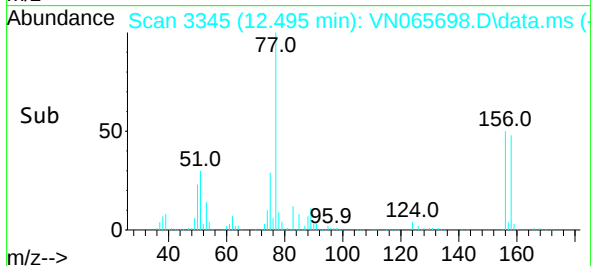
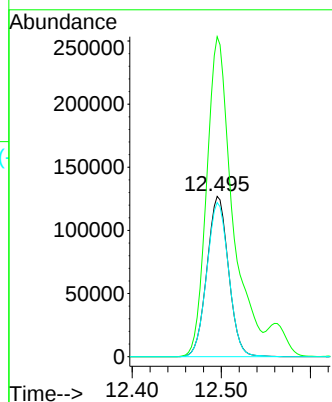
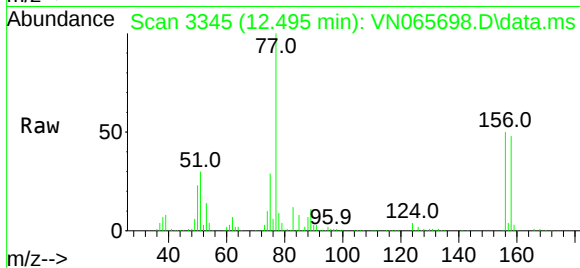
Tgt Ion: 156 Resp: 213573

Ion	Ratio	Lower	Upper
156	100		
77	238.2	0.0	348.8
158	97.7	0.0	194.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

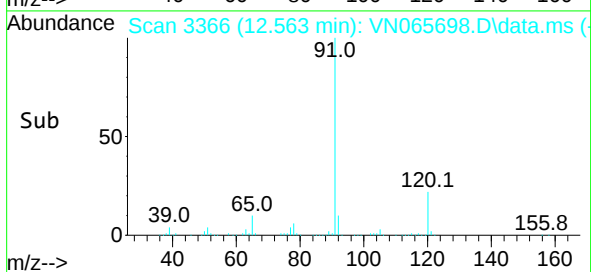
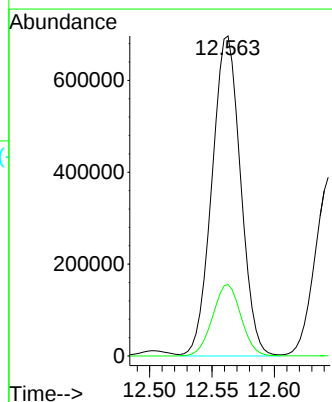
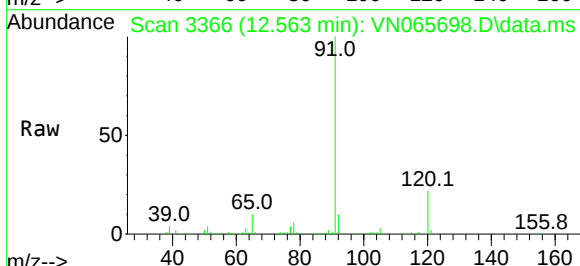
MMDadoda
2/4/2021 10:33:15 AM

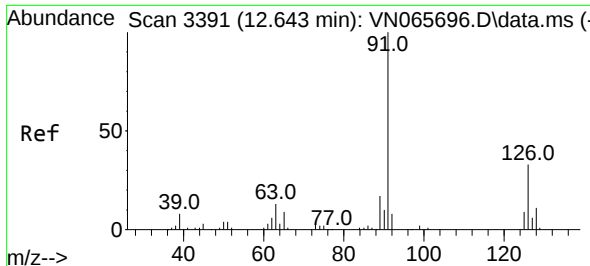


#74
n-propylbenzene
Concen: 114.09 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 91 Resp: 1114425

Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	49.4





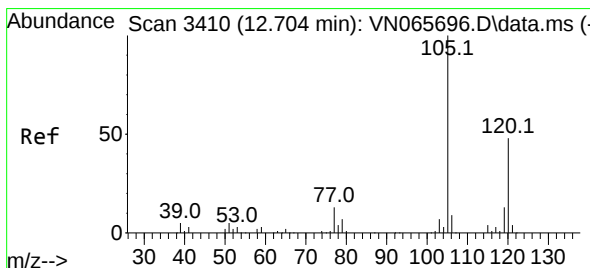
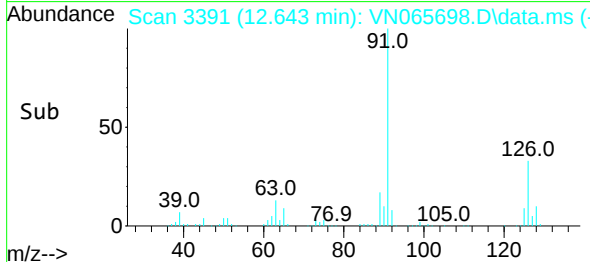
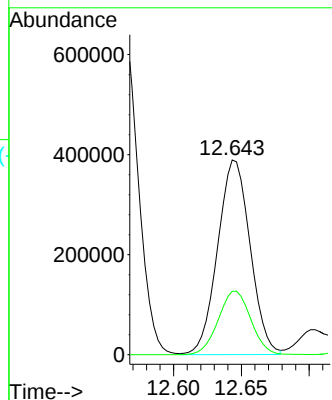
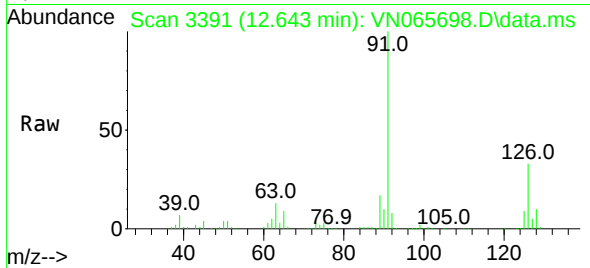
#75
2-Chlorotoluene
Concen: 110.06 ug/l
RT: 12.643 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 91 Resp: 650549
Ion Ratio Lower Upper
91 100
126 32.7 0.0 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

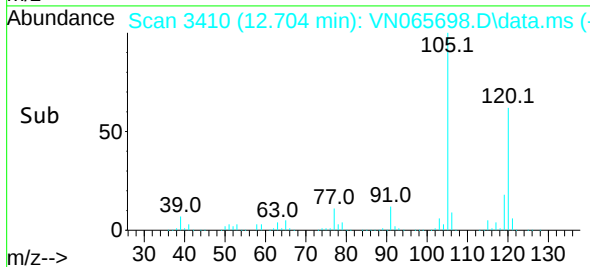
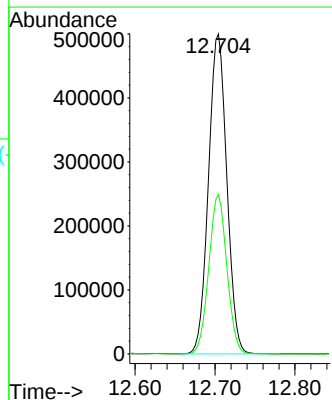
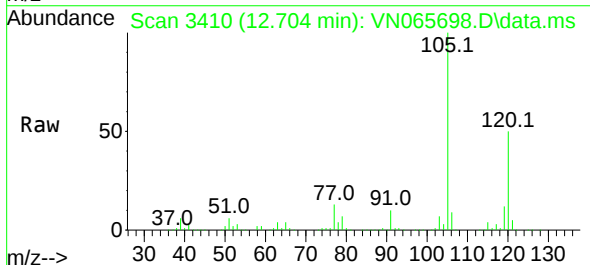
Manual Integrations
APPROVED

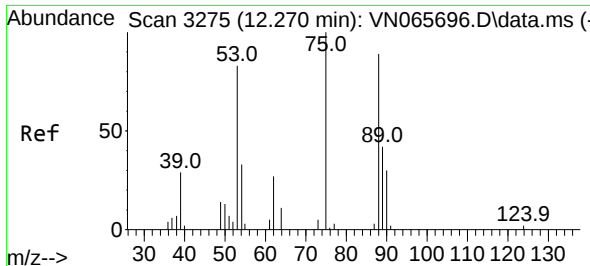
MMDadoda
2/4/2021 10:33:15 AM



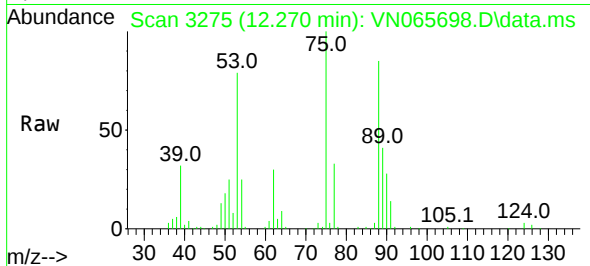
#76
1,3,5-Trimethylbenzene
Concen: 107.46 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 105 Resp: 795605
Ion Ratio Lower Upper
105 100
120 49.2 0.0 101.6

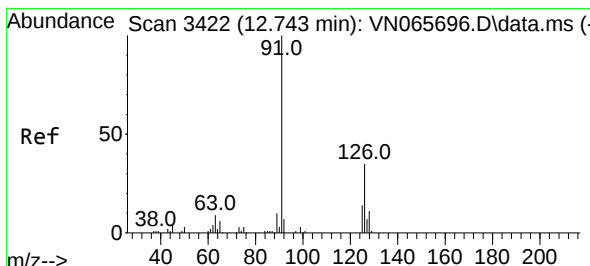
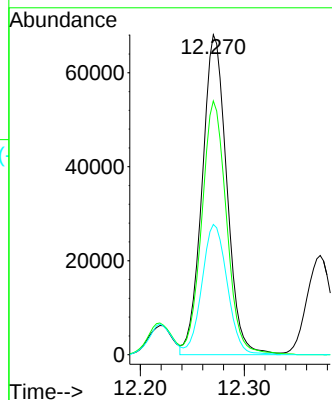
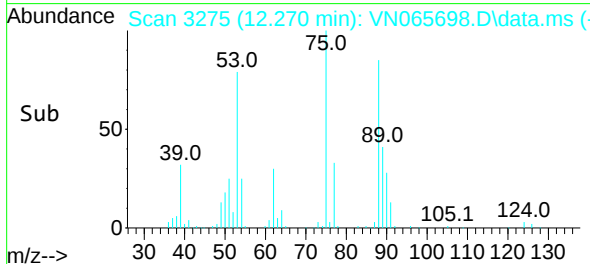




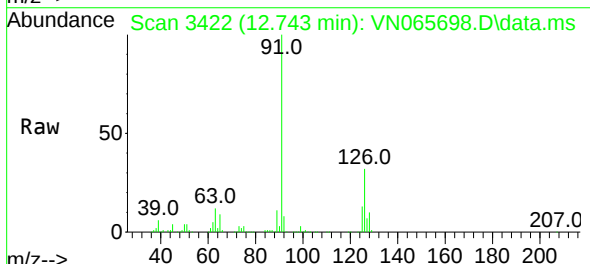
#77
t-1,4-Dichloro-2-butene
Concen: 131.53 ug/l
RT: 12.270 min Scan# 3275
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03



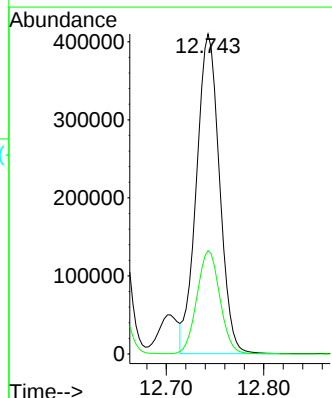
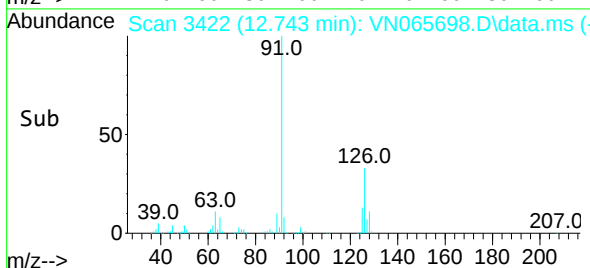
Tgt Ion: 75 Resp: 112294
Ion Ratio Lower Upper
75 100
53 79.3 44.9 134.5
89 40.9 21.3 64.0



#78
4-Chlorotoluene
Concen: 113.26 ug/l
RT: 12.743 min Scan# 3422
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03



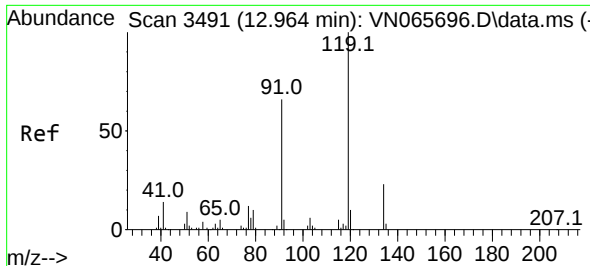
Tgt Ion: 91 Resp: 672540
Ion Ratio Lower Upper
91 100
126 32.1 0.0 71.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

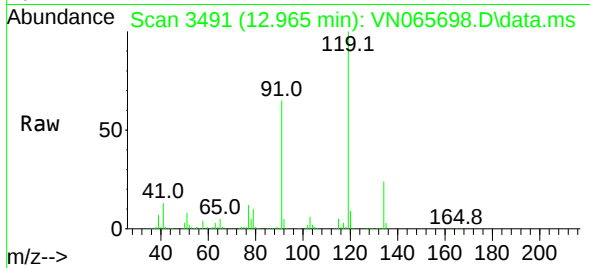
Manual Integrations
APPROVED

MMDadoda
2/4/2021 10:33:15 AM



#79
tert-butylbenzene
Concen: 102.73 ug/l
RT: 12.965 min Scan# 3491
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

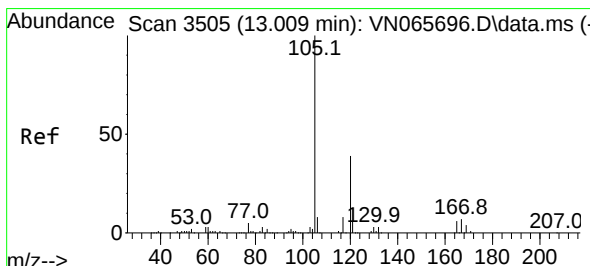
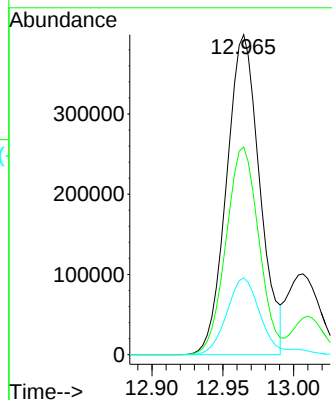
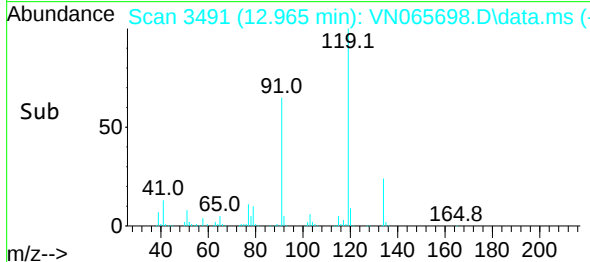
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



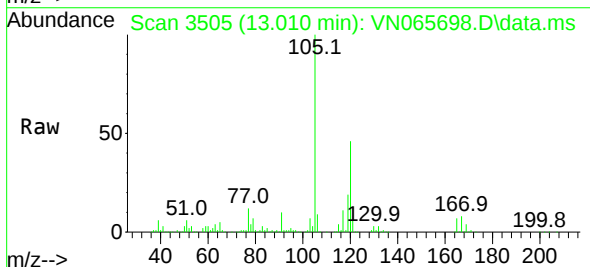
Tgt Ion:119 Resp: 650639
Ion Ratio Lower Upper
119 100
91 64.8 0.0 126.0
134 23.7 0.0 51.2

Manual Integrations
APPROVED

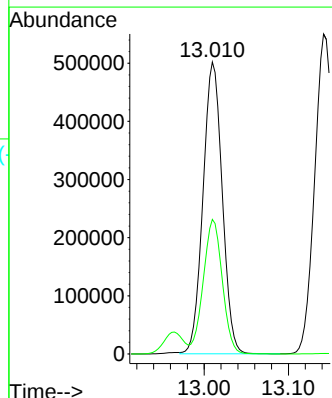
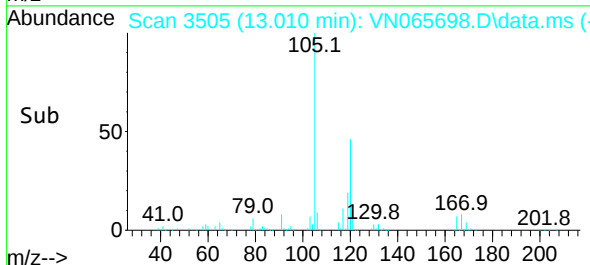
MMDadoda
2/4/2021 10:33:15 AM

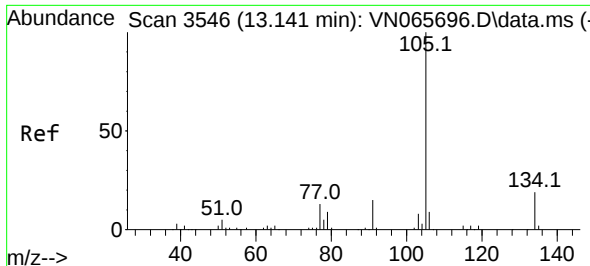


#80
1,2,4-Trimethylbenzene
Concen: 108.19 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03



Tgt Ion:105 Resp: 796921
Ion Ratio Lower Upper
105 100
120 45.8 0.0 93.6





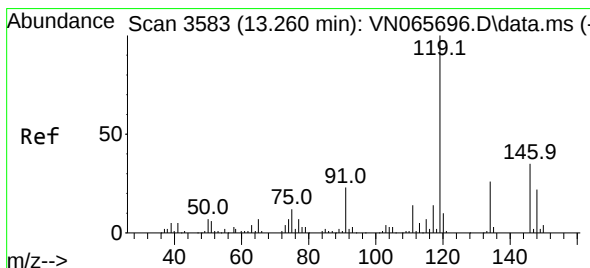
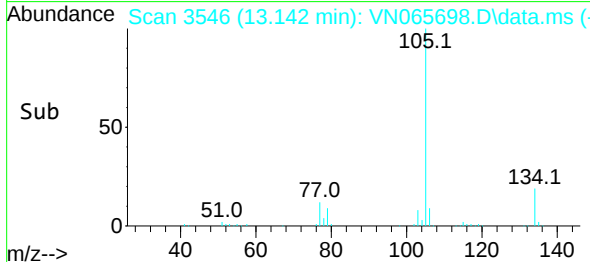
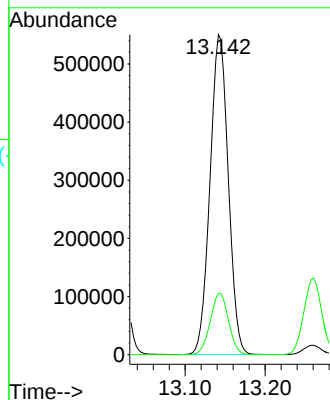
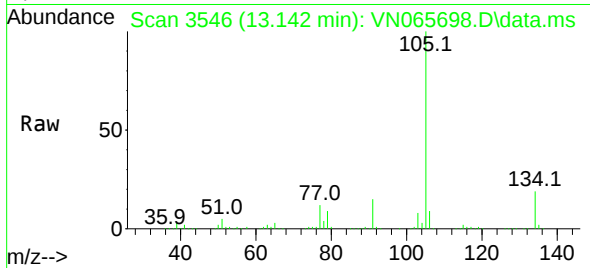
#81
 sec-Butylbenzene
 Concen: 106.14 ug/l
 RT: 13.142 min Scan# 3546
 Delta R.T. 0.000 min
 Lab File: VN065698.D
 Acq: 3 Feb 2021 14:03

Tgt Ion:105 Resp: 873986
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 42.2

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

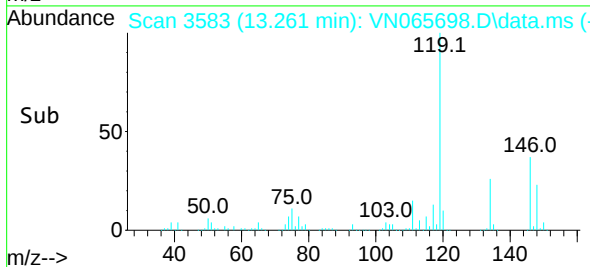
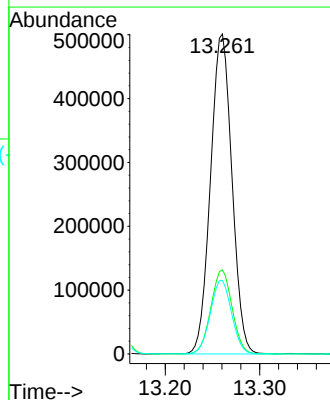
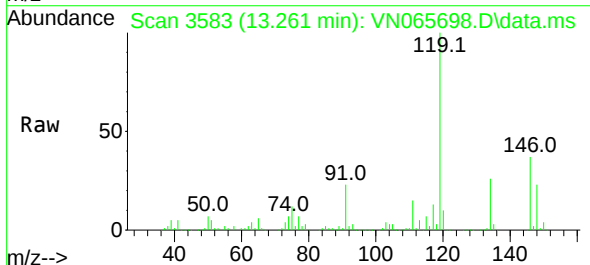
Manual Integrations
 APPROVED

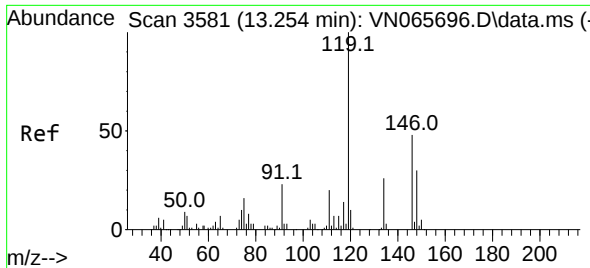
MMDadoda
 2/4/2021 10:33:15 AM



#82
 p-Isopropyltoluene
 Concen: 103.34 ug/l
 RT: 13.261 min Scan# 3583
 Delta R.T. 0.000 min
 Lab File: VN065698.D
 Acq: 3 Feb 2021 14:03

Tgt Ion:119 Resp: 788603
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 54.8
 91 22.9 0.0 44.8





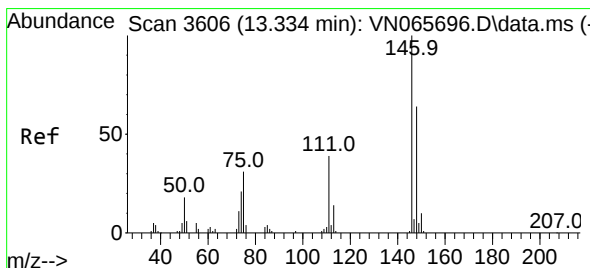
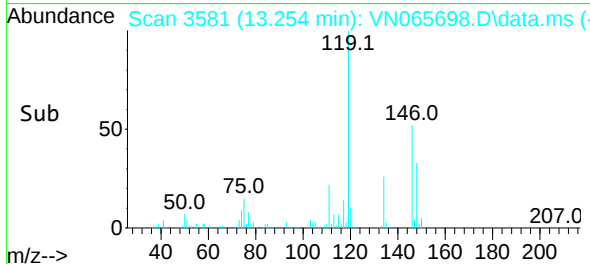
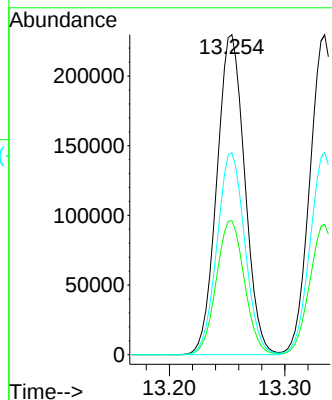
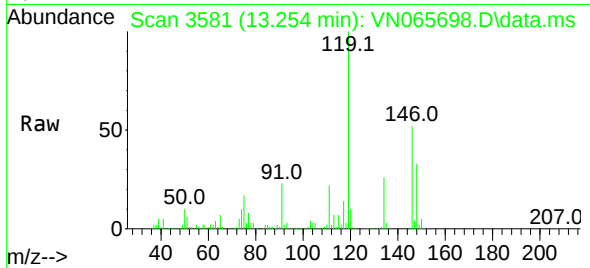
#83
1,3-Dichlorobenzene
Concen: 96.52 ug/l
RT: 13.254 min Scan# 3581
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:146 Resp: 385474
Ion Ratio Lower Upper
146 100
111 42.2 18.6 55.8
148 63.0 32.0 96.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

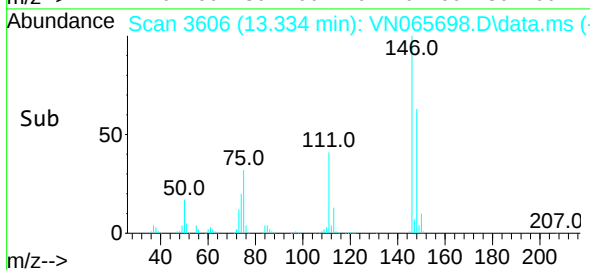
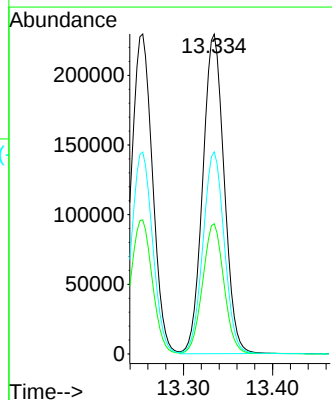
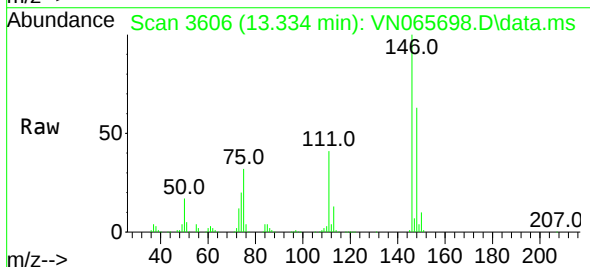
Manual Integrations
APPROVED

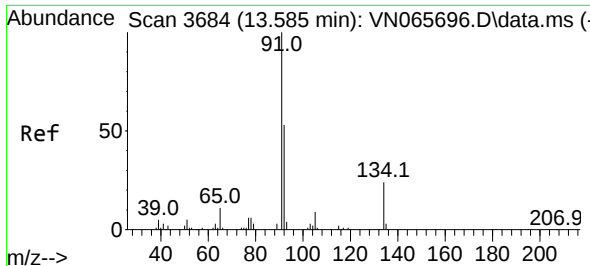
MMDadoda
2/4/2021 10:33:15 AM



#84
1,4-Dichlorobenzene
Concen: 97.81 ug/l
RT: 13.334 min Scan# 3606
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

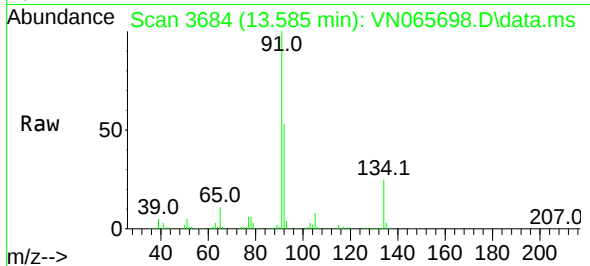
Tgt Ion:146 Resp: 382681
Ion Ratio Lower Upper
146 100
111 40.4 17.9 53.7
148 62.9 31.8 95.4





#85
n-Butylbenzene
Concen: 115.64 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

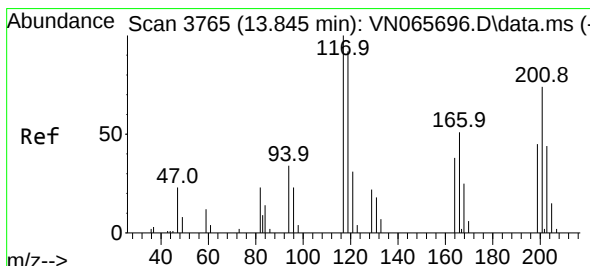
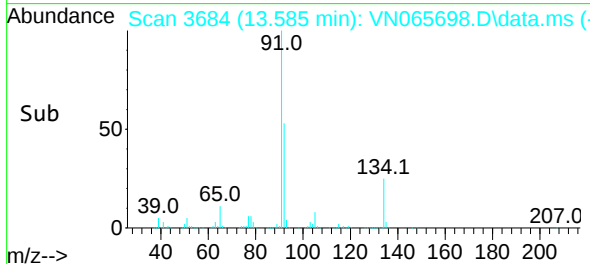
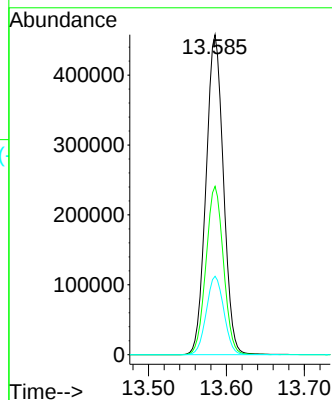
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 710552
Ion Ratio Lower Upper
91 100
92 52.8 0.0 104.8
134 24.7 0.0 55.8

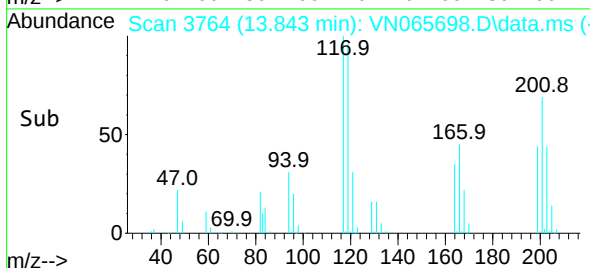
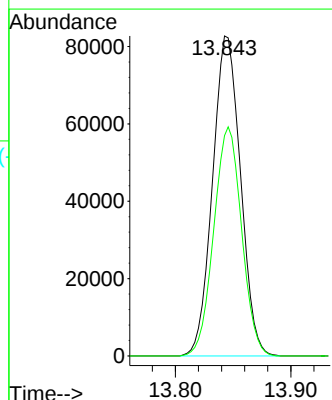
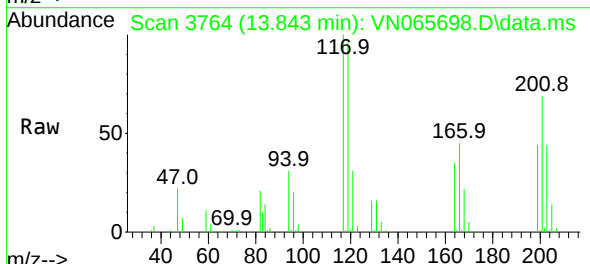
Manual Integrations
APPROVED

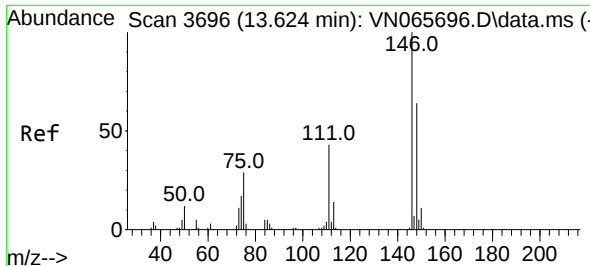
MMDadoda
2/4/2021 10:33:15 AM



#86
Hexachloroethane
Concen: 109.73 ug/l
RT: 13.843 min Scan# 3764
Delta R.T. -0.003 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion: 117 Resp: 139375
Ion Ratio Lower Upper
117 100
201 71.2 48.4 145.3





#87

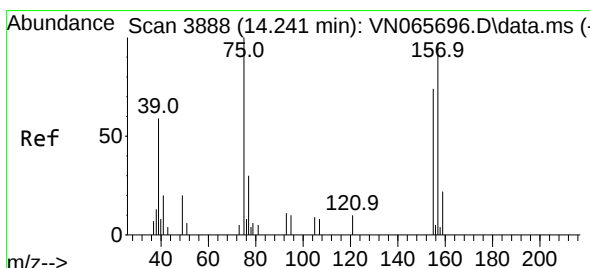
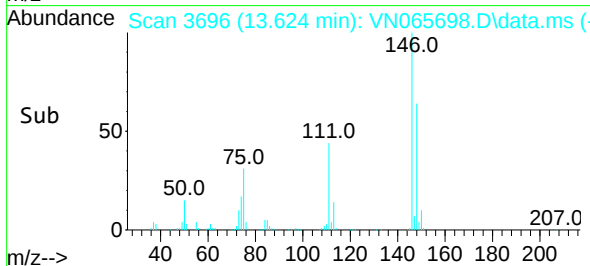
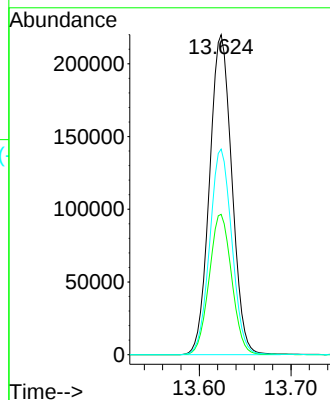
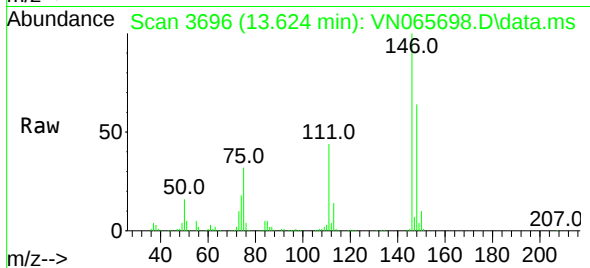
1,2-Dichlorobenzene
Concen: 94.33 ug/l
RT: 13.624 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

Tgt Ion:146 Resp: 372129
Ion Ratio Lower Upper
146 100
111 44.2 18.9 56.9
148 63.9 32.3 96.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

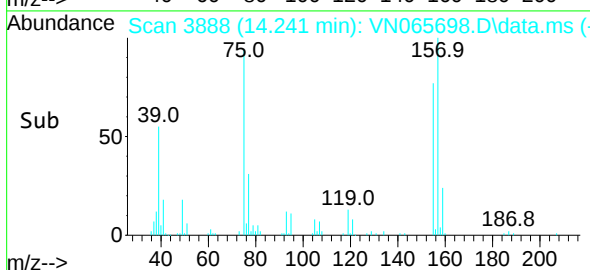
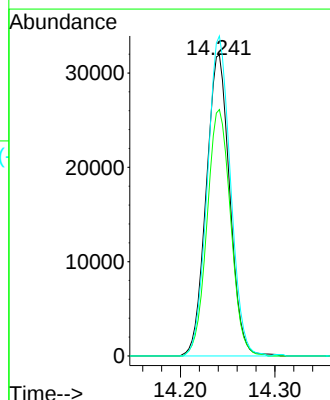
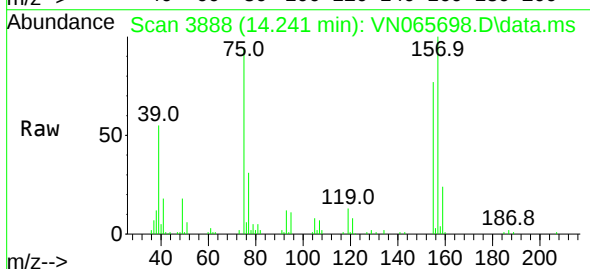
MMDadoda
2/4/2021 10:33:15 AM

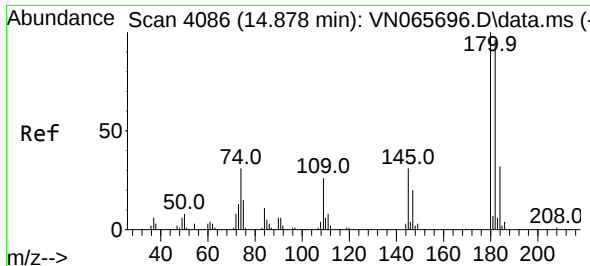


#88

1,2-Dibromo-3-Chloropropane
Concen: 121.00 ug/l
RT: 14.241 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

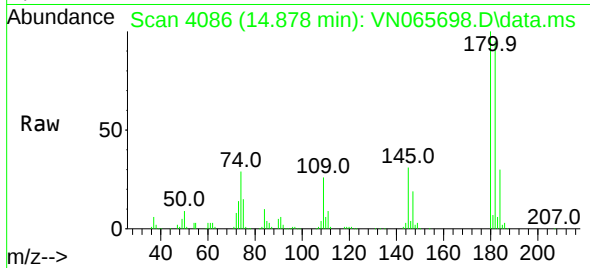
Tgt Ion: 75 Resp: 55179
Ion Ratio Lower Upper
75 100
155 81.8 76.9 115.3
157 104.5 105.8 158.8#





#89
1,2,4-Trichlorobenzene
Concen: 107.33 ug/l
RT: 14.878 min Scan# 4086
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

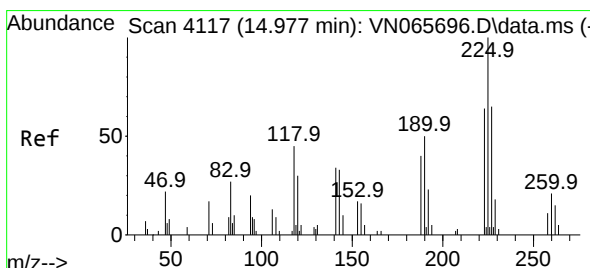
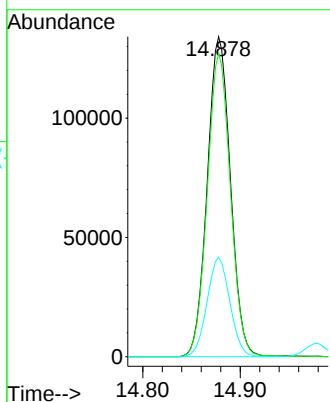
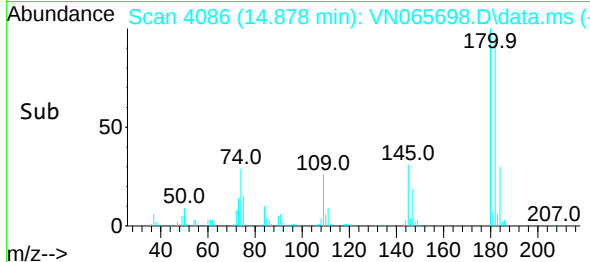
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



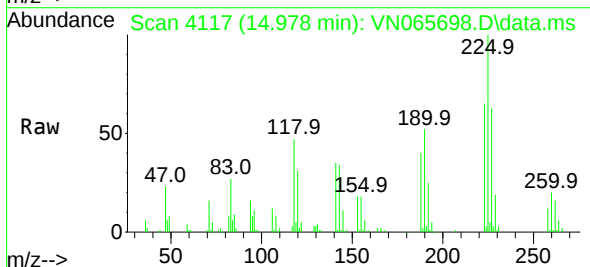
Tgt Ion:180 Resp: 221500
Ion Ratio Lower Upper
180 100
182 94.7 78.5 117.7
145 30.6 23.8 35.6

Manual Integrations
APPROVED

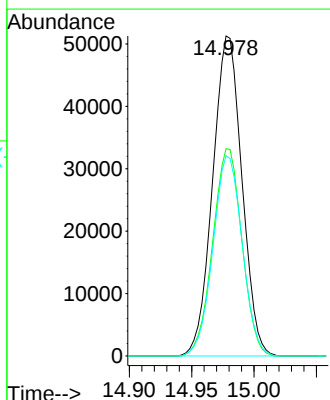
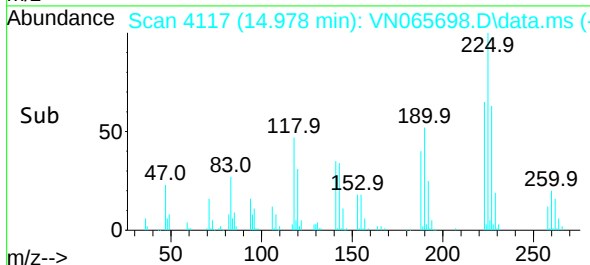
MMDadoda
2/4/2021 10:33:15 AM

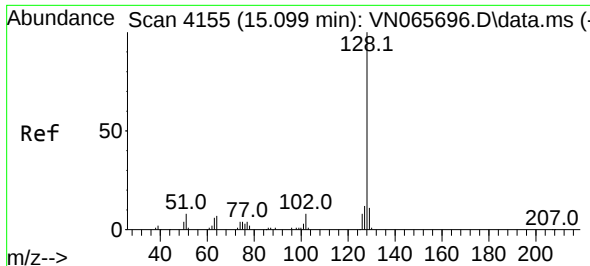


#90
Hexachlorobutadiene
Concen: 63.95 ug/l
RT: 14.978 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03



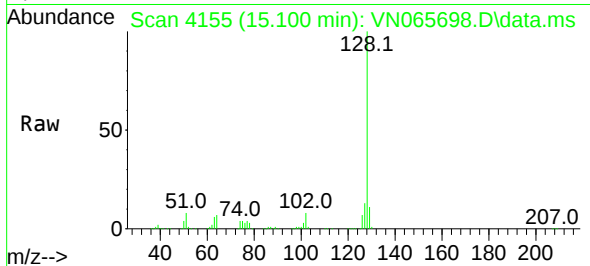
Tgt Ion:225 Resp: 83781
Ion Ratio Lower Upper
225 100
223 64.5 0.0 122.0
227 62.5 0.0 126.4





#91
Naphthalene
Concen: 135.50 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03

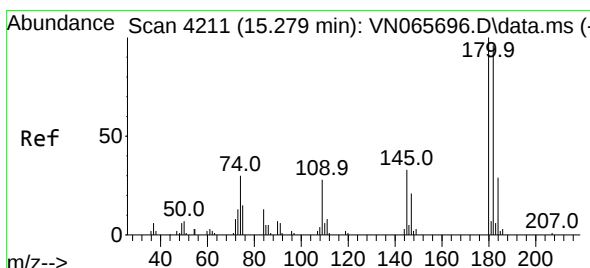
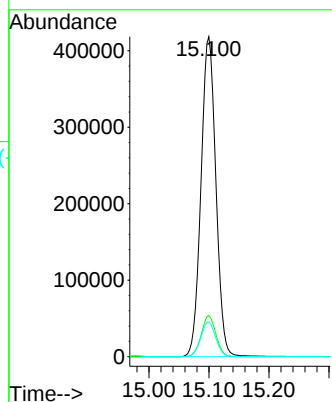
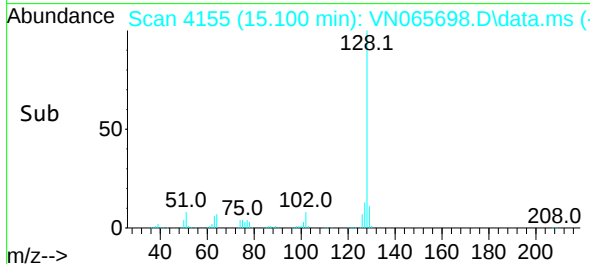
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



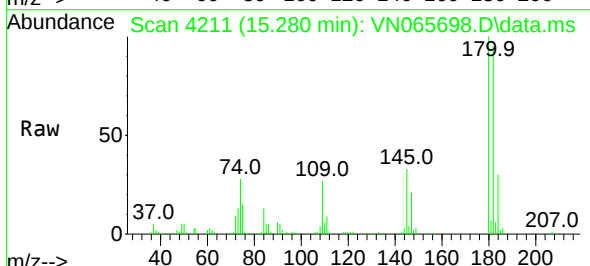
Tgt Ion:128 Resp: 723706
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.6 12.8

Manual Integrations
APPROVED

MMDadoda
2/4/2021 10:33:15 AM



#92
1,2,3-Trichlorobenzene
Concen: 106.33 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN065698.D
Acq: 3 Feb 2021 14:03



Tgt Ion:180 Resp: 216540
Ion Ratio Lower Upper
180 100
182 95.1 0.0 190.4
145 33.4 0.0 57.8

