

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067731.D
 Acq On : 13 Jul 2021 21:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:42:47 AM

Quant Time: Jul 14 01:22:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	70565	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	416501	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	390349	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.442	65	179961	31.567	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.233%
60) 4-Bromofluorobenzene	12.733	95	184809	29.153	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.167%
63) Toluene-d8	10.443	98	552274	30.761	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.533%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	69836	19.366	ug/l	98
3) Chloromethane	2.303	50	90161	20.017	ug/l	99
4) Vinyl Chloride	2.443	62	139359	19.888	ug/l	95
5) Bromomethane	2.866	94	112406	19.266	ug/l	99
6) Chloroethane	3.025	64	104917	20.106	ug/l	99
7) Trichlorofluoromethane	3.373	101	263647	20.277	ug/l	99
8) Diethyl Ether	3.824	74	44243	18.293	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.207	101	69110	18.699	ug/l	98
10) 1,1-Dichloroethene	4.175	96	66507	19.429	ug/l	99
11) Methyl Iodide	4.419	142	81198	17.942	ug/l	99
12) Methyl Acetate	4.859	43	91253	19.531	ug/l	98
13) Acrolein	4.038	56	45013	91.979	ug/l #	43
14) Acrylonitrile	5.559	53	195877	95.345	ug/l	99
15) Acetone	4.293	58	47225	92.731	ug/l	99
16) Carbon Disulfide	4.527	76	166007	18.365	ug/l	99
17) Allyl chloride	4.843	41	112535	18.684	ug/l	99
18) Methylene Chloride	5.095	84	85398	18.028	ug/l	96
19) trans-1,2-Dichloroethene	5.594	96	75812	18.574	ug/l	94
20) Diisopropyl ether	6.501	45	266922	18.716	ug/l	96
21) 1,1-Dichloroethane	6.385	63	150851	19.227	ug/l	100
22) cis-1,2-Dichloroethene	7.324	96	94790	18.821	ug/l	94
23) tert-Butyl Alcohol	5.388	59	69704	92.047	ug/l #	100
24) Methyl tert-Butyl Ether	5.624	73	265590	18.792	ug/l	100
25) Chloroform	7.820	83	163739	18.755	ug/l	99
26) Cyclohexane	8.094	56	127618	18.668	ug/l #	99
29) 1,1-Dichloropropene	8.222	75	117350	17.957	ug/l	99
30) 2-Butanone	7.343	43	271803	89.817	ug/l	99
31) 2,2-Dichloropropane	7.329	77	114641	15.725	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	145729	18.160	ug/l	99
33) Carbon Tetrachloride	8.209	117	119630	17.459	ug/l	99
34) Benzene	8.461	78	356467	18.249	ug/l	99
35) Methacrylonitrile	7.638	41	57504	18.485	ug/l	99
36) 1,2-Dichloroethane	8.531	62	134575	18.507	ug/l	99
37) Trichloroethene	9.217	130	92737	18.274	ug/l	98
38) Methylcyclohexane	9.461	83	127131	17.565	ug/l	98
39) 1,2-Dichloropropane	9.494	63	90045	18.076	ug/l	99
40) Dibromomethane	9.579	93	65720	18.347	ug/l	98
41) Bromodichloromethane	9.764	83	126392	17.975	ug/l	97
42) Vinyl Acetate	6.436	43	994113	82.574	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067731.D
 Acq On : 13 Jul 2021 21:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:42:47 AM

Quant Time: Jul 14 01:22:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	112536	18.394	ug/l	99
44) Isopropyl Acetate	8.563	43	202249	18.207	ug/l	98
45) 1,4-Dioxane	9.571	88	28792	342.267	ug/l	99
46) Methyl methacrylate	9.563	41	86020	17.938	ug/l	98
47) n-amyl Acetate	12.390	43	154887	16.986	ug/l	100
48) t-1,3-Dichloropropene	10.722	75	126663	16.715	ug/l	96
49) cis-1,3-Dichloropropene	10.191	75	138240	17.186	ug/l	99
50) 1,1,2-Trichloroethane	10.899	97	92352	18.066	ug/l	97
51) Ethyl methacrylate	10.762	69	137848	17.341	ug/l	99
52) 1,3-Dichloropropane	11.049	76	152558	18.049	ug/l	97
53) Dibromochloromethane	11.240	129	90314	16.878	ug/l	96
54) 1,2-Dibromoethane	11.350	107	93265	17.687	ug/l	99
55) 2-Chloroethyl vinyl ether	10.043	63	112780	73.354	ug/l	99
56) Bromoform	12.460	173	57056	15.219	ug/l #	98
58) 4-Methyl-2-Pentanone	10.333	43	625752	93.358	ug/l	99
59) 2-Hexanone	11.089	43	432414	92.012	ug/l	100
61) Tetrachloroethene	10.979	164	87998	18.352	ug/l	98
62) Toluene	10.507	91	417354	18.178	ug/l	99
64) Chlorobenzene	11.773	112	249479	18.143	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.843	131	90504	17.864	ug/l	99
66) Ethyl Benzene	11.848	91	457581	18.010	ug/l	98
67) m/p-Xylenes	11.956	106	349212	36.036	ug/l	98
68) o-Xylene	12.283	106	172064	17.987	ug/l	100
69) Styrene	12.296	104	278985	17.636	ug/l	100
70) Isopropylbenzene	12.581	105	439502	17.803	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.830	83	129462	18.471	ug/l	99
72) 1,2,3-Trichloropropane	12.884	75	103774m	17.810	ug/l	
73) Bromobenzene	12.865	156	96838	17.067	ug/l	99
74) n-propylbenzene	12.924	91	502214	17.754	ug/l	98
75) 2-Chlorotoluene	13.010	91	306168	18.033	ug/l	98
76) 1,3,5-Trimethylbenzene	13.061	105	369859	18.198	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	29269	14.884	ug/l	95
78) 4-Chlorotoluene	13.109	91	308467	18.223	ug/l	99
79) tert-butylbenzene	13.326	119	308214	17.662	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	360381m	17.856	ug/l	
81) sec-Butylbenzene	13.503	105	432110	17.850	ug/l	100
82) p-Isopropyltoluene	13.618	119	347628	17.254	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	181045	17.086	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	177672	17.214	ug/l	100
85) n-Butylbenzene	13.946	91	284500	17.020	ug/l	100
86) Hexachloroethane	14.214	117	55188	16.465	ug/l	98
87) 1,2-Dichlorobenzene	13.991	146	172905	17.092	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	22272	17.761	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	75026	16.266	ug/l	99
90) Hexachlorobutadiene	15.372	225	36105	16.285	ug/l	95
91) Naphthalene	15.509	128	221850	16.930	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	73260	16.578	ug/l	97

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

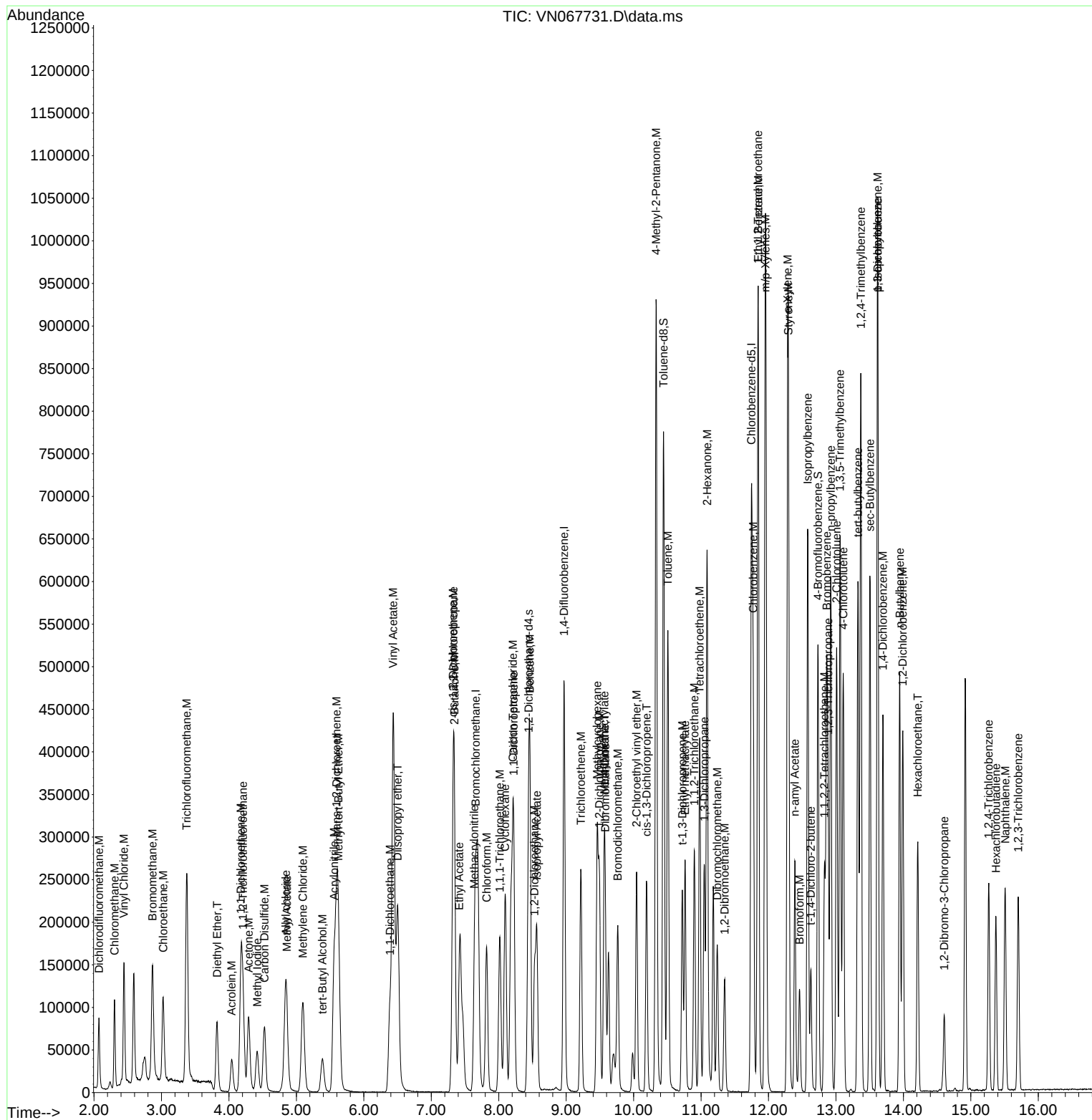
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067731.D
 Acq On : 13 Jul 2021 21:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

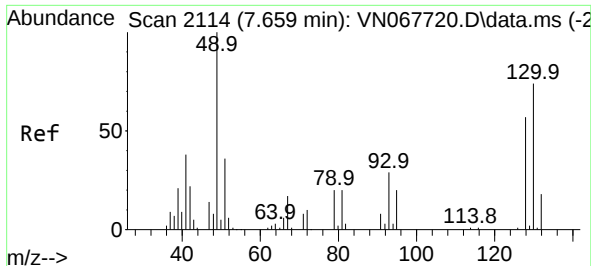
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:42:47 AM

Quant Time: Jul 14 01:22:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration





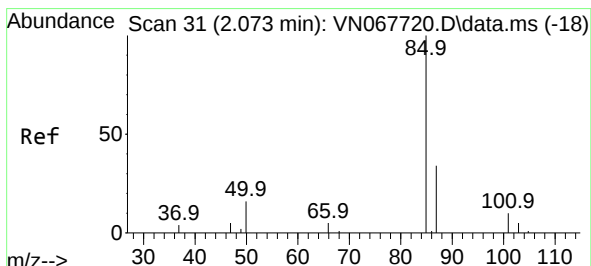
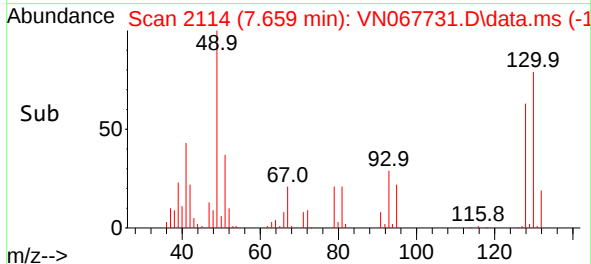
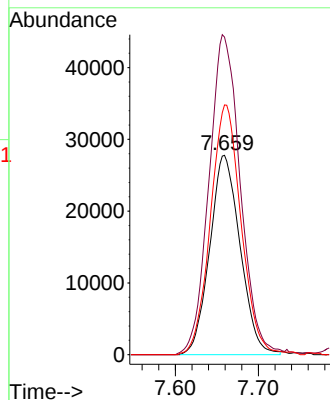
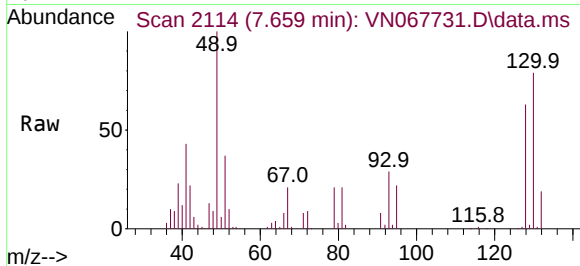
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion:128 Resp: 70565
Ion Ratio Lower Upper
128 100
49 165.4 0.0 433.0
130 126.5 0.0 323.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

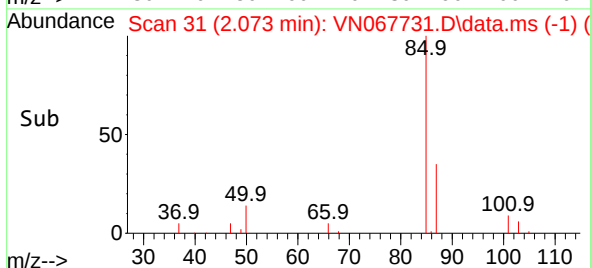
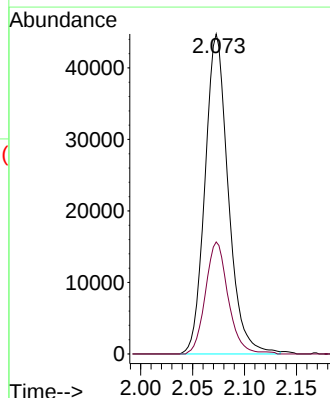
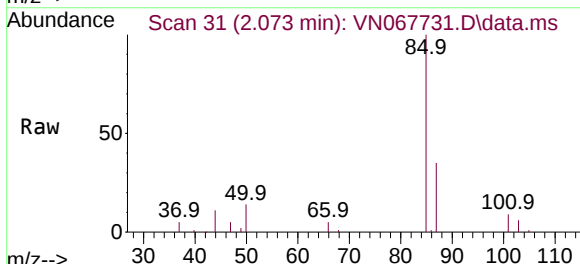
Manual Integrations
APPROVED

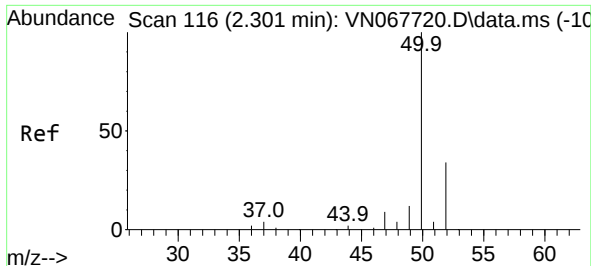
MMDadoda
7/16/2021 10:42:47 AM



#2
Dichlorodifluoromethane
Concen: 19.366 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 85 Resp: 69836
Ion Ratio Lower Upper
85 100
87 35.0 17.0 50.9





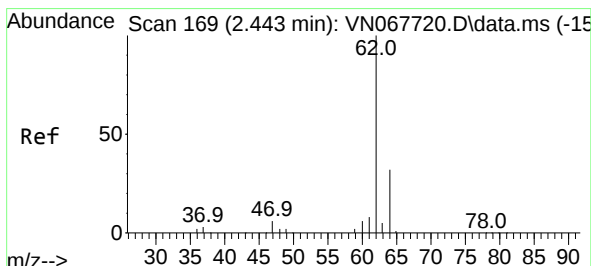
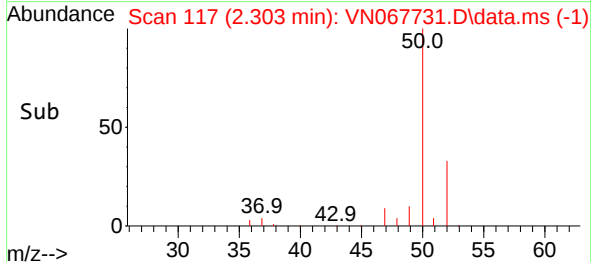
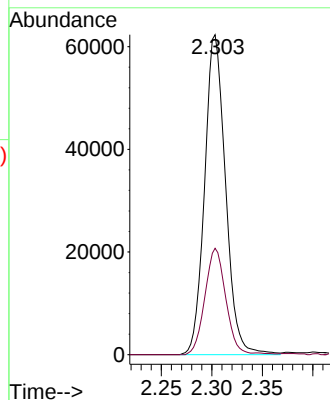
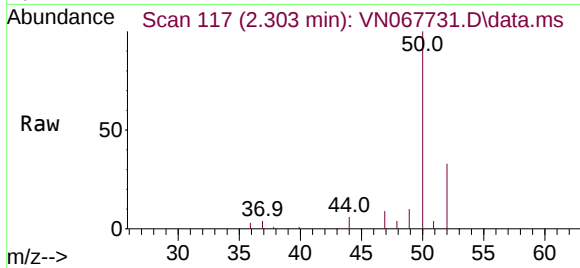
#3
Chloromethane
Concen: 20.017 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 50 Resp: 90161
Ion Ratio Lower Upper
50 100
52 33.2 27.2 40.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

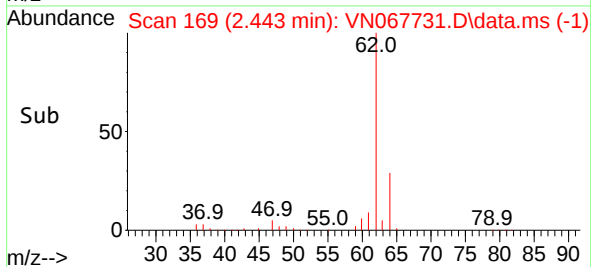
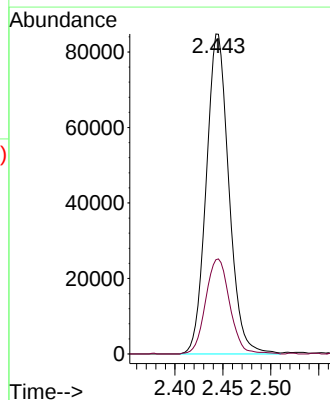
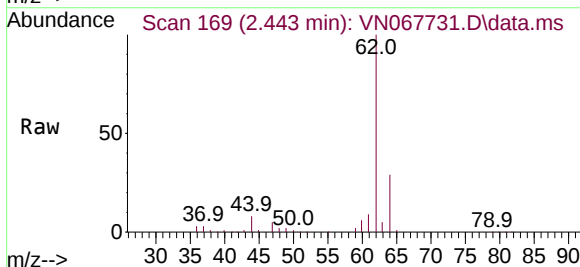
Manual Integrations
APPROVED

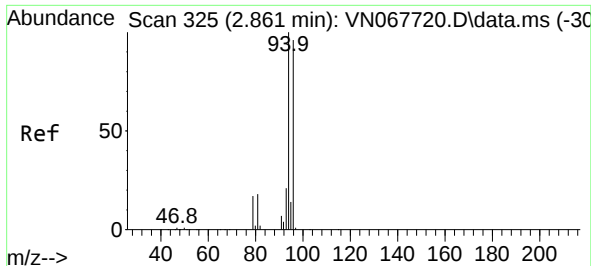
MMDadoda
7/16/2021 10:42:47 AM



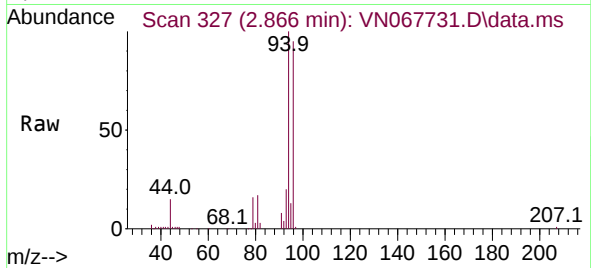
#4
Vinyl Chloride
Concen: 19.888 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 62 Resp: 139359
Ion Ratio Lower Upper
62 100
64 29.4 25.9 38.9

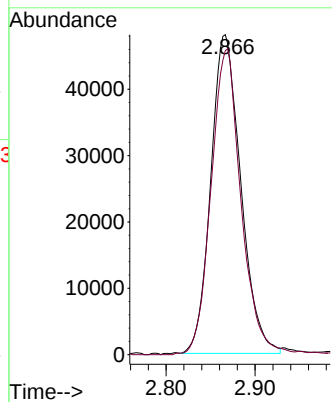




#5
Bromomethane
Concen: 19.266 ug/l
RT: 2.866 min Scan# 327
Delta R.T. 0.005 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



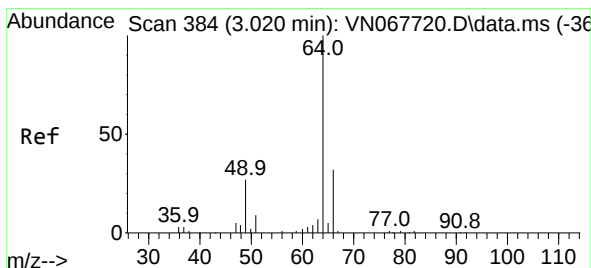
Tgt Ion: 94 Resp: 112406
Ion Ratio Lower Upper
94 100
96 94.9 76.9 115.3



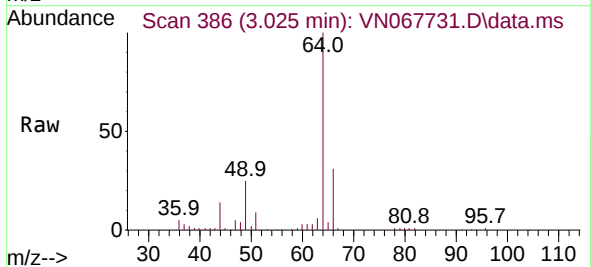
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

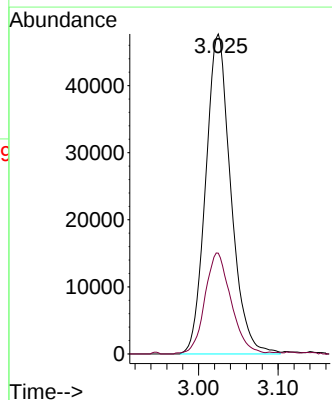
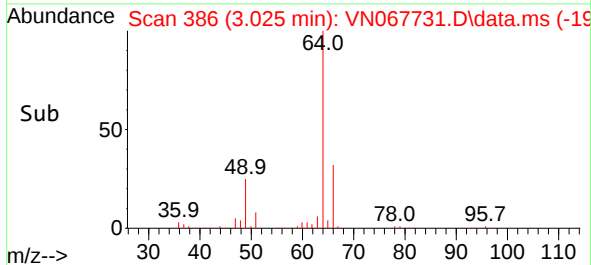
MMDadoda
7/16/2021 10:42:47 AM

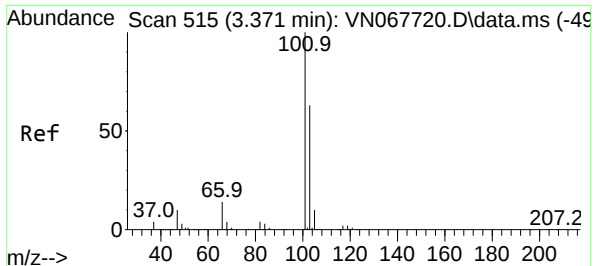


#6
Chloroethane
Concen: 20.106 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.005 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



Tgt Ion: 64 Resp: 104917
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.0





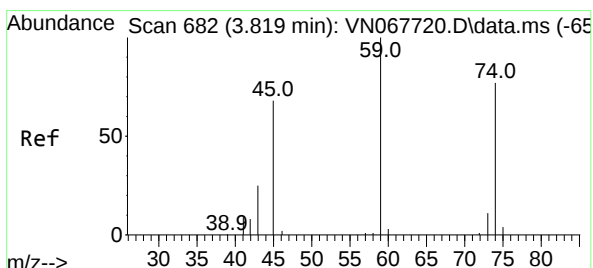
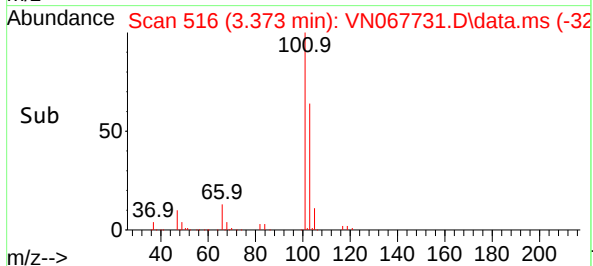
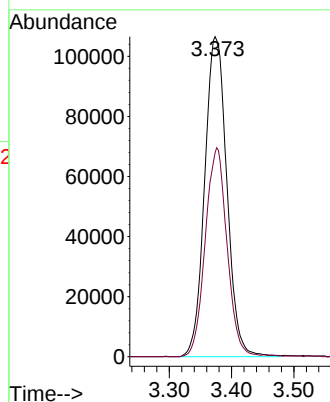
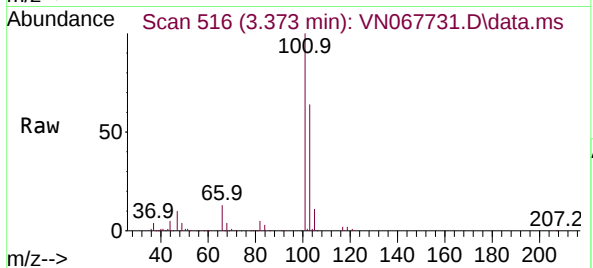
#7
Trichlorofluoromethane
Concen: 20.277 ug/l
RT: 3.373 min Scan# 516
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 263647
Ion Ratio Lower Upper
101 100
103 63.7 50.3 75.5

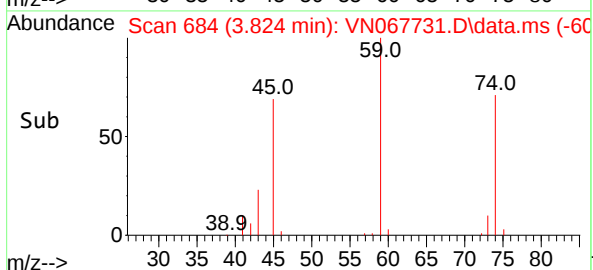
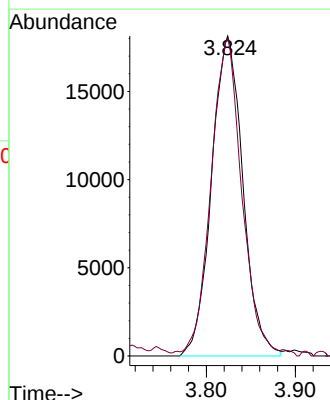
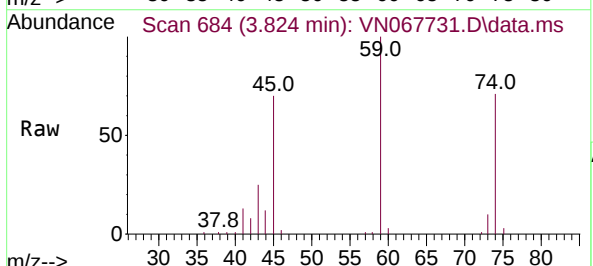
Manual Integrations
APPROVED

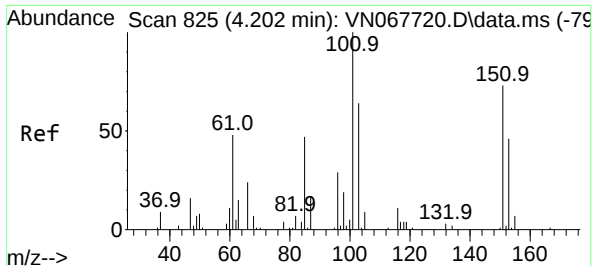
MMDadoda
7/16/2021 10:42:47 AM



#8
Diethyl Ether
Concen: 18.293 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.005 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 74 Resp: 44243
Ion Ratio Lower Upper
74 100
45 96.3 17.5 157.1





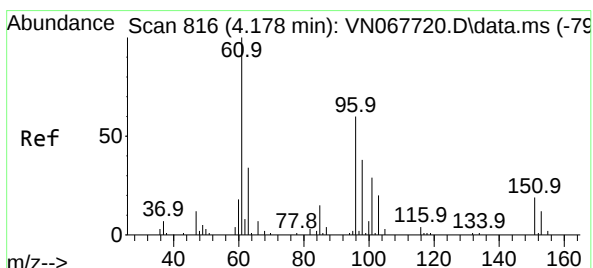
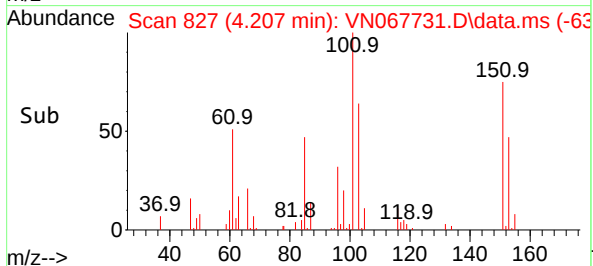
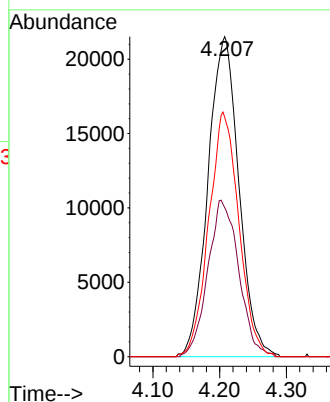
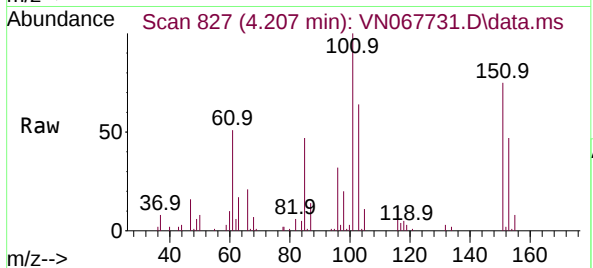
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.699 ug/l
RT: 4.207 min Scan# 827
Delta R.T. 0.005 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion:101 Resp: 69110
Ion Ratio Lower Upper
101 100
85 49.0 0.0 98.0
151 74.4 0.0 143.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

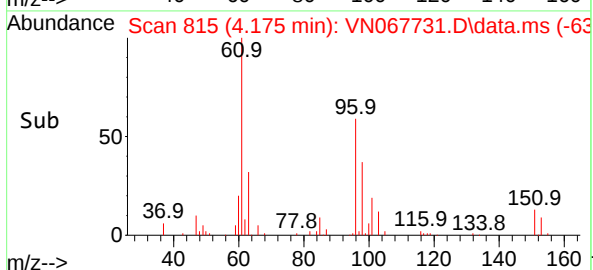
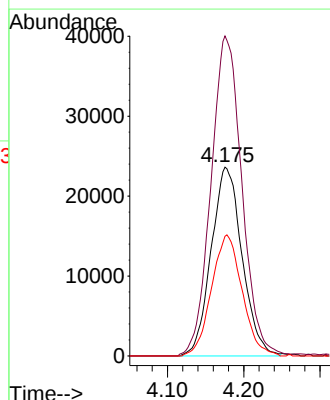
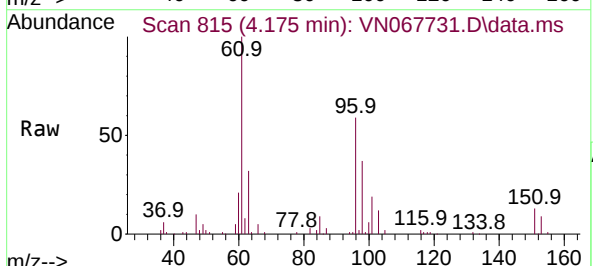
Manual Integrations
APPROVED

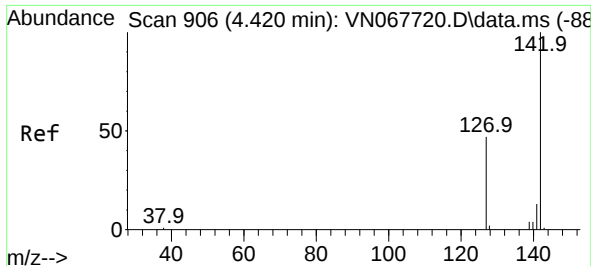
MMDadoda
7/16/2021 10:42:47 AM



#10
1,1-Dichloroethene
Concen: 19.429 ug/l
RT: 4.175 min Scan# 815
Delta R.T. -0.003 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

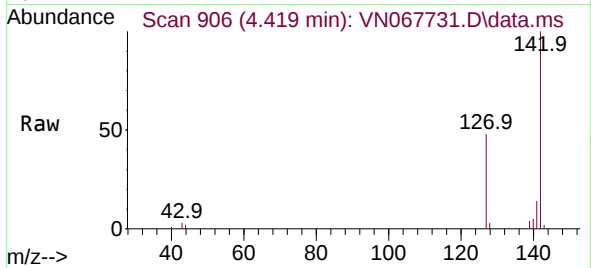
Tgt Ion: 96 Resp: 66507
Ion Ratio Lower Upper
96 100
61 168.5 133.9 200.9
98 63.4 50.5 75.7





#11
Methyl Iodide
Concen: 17.942 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

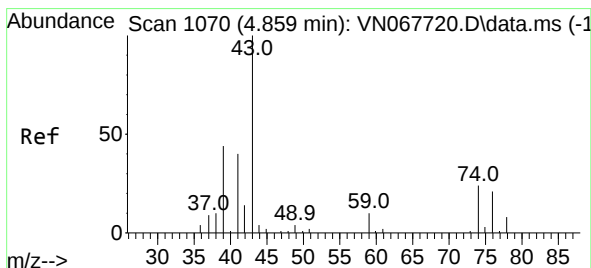
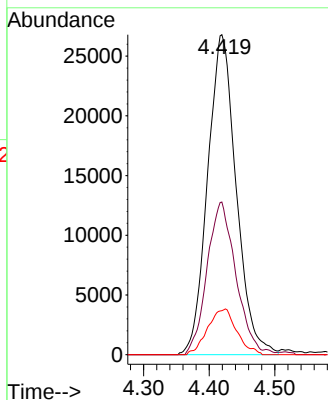
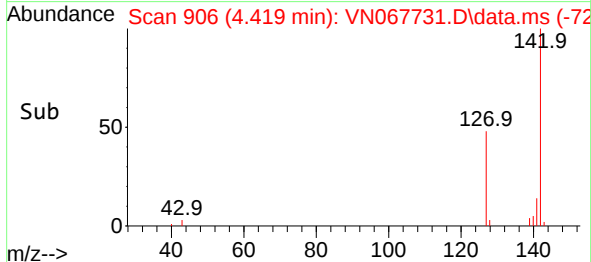
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



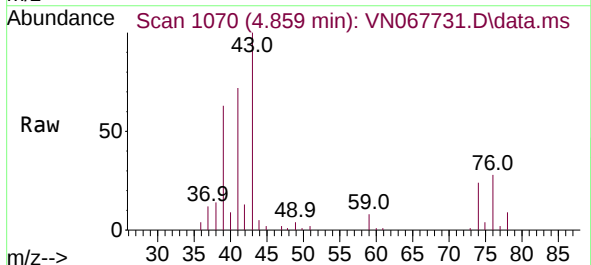
Tgt Ion:142 Resp: 81198
Ion Ratio Lower Upper
142 100
127 47.6 23.4 70.2
141 13.8 6.7 20.0

Manual Integrations
APPROVED

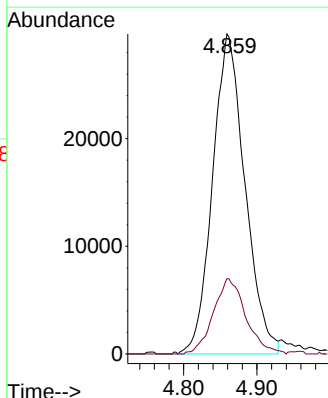
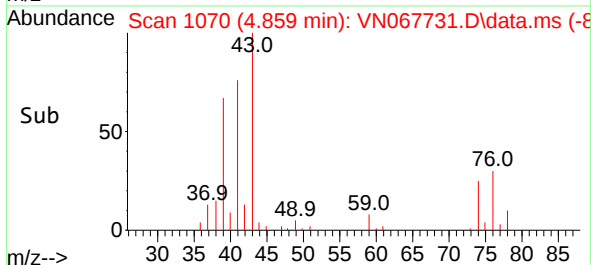
MMDadoda
7/16/2021 10:42:47 AM

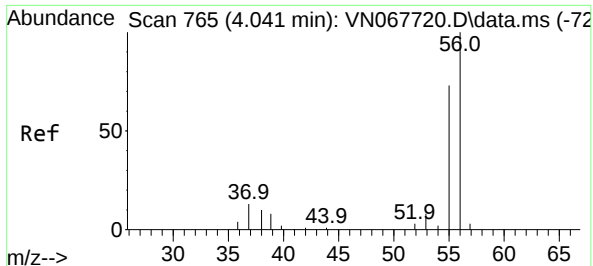


#12
Methyl Acetate
Concen: 19.531 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



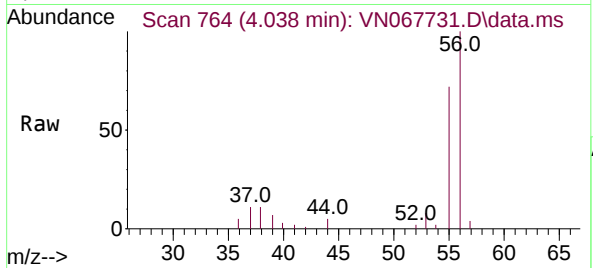
Tgt Ion: 43 Resp: 91253
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.6





#13
Acrolein
Concen: 91.979 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

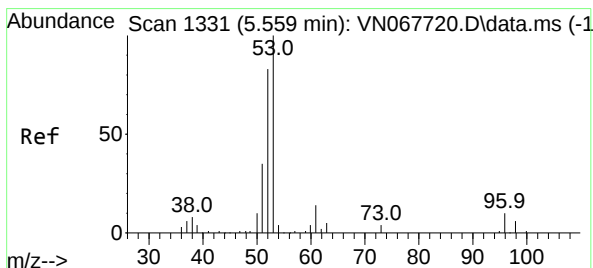
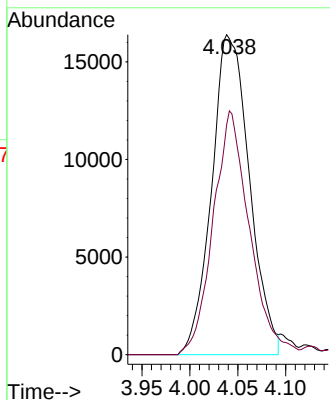
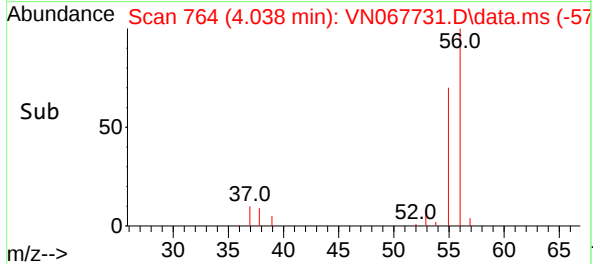
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



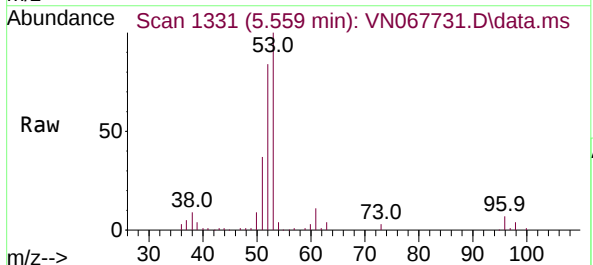
Tgt Ion: 56 Resp: 45013
Ion Ratio Lower Upper
56 100
55 73.0 0.2 0.2#

Manual Integrations
APPROVED

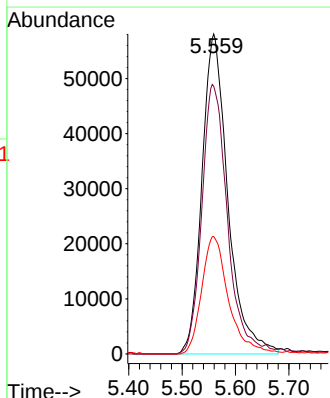
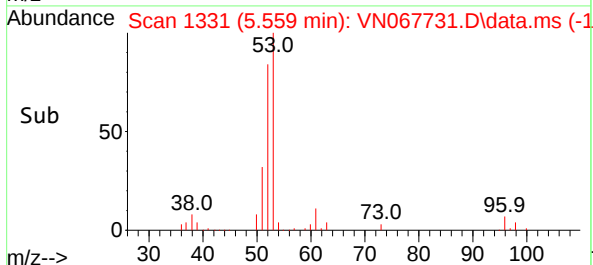
MMDadoda
7/16/2021 10:42:47 AM

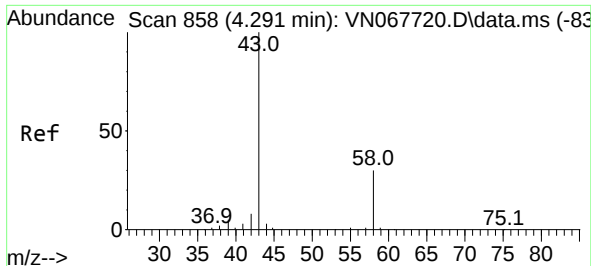


#14
Acrylonitrile
Concen: 95.345 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



Tgt Ion: 53 Resp: 195877
Ion Ratio Lower Upper
53 100
52 82.5 41.3 123.7
51 37.8 18.4 55.0





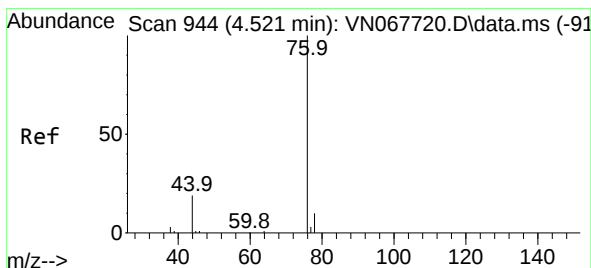
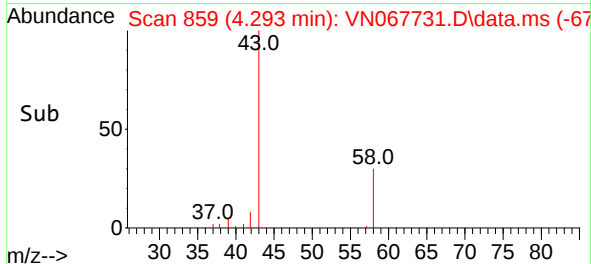
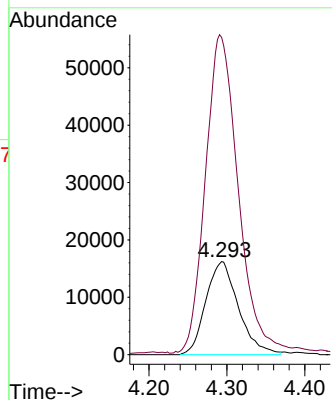
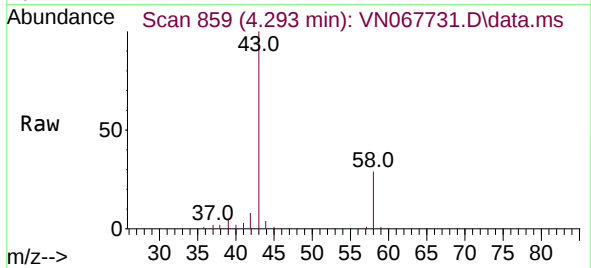
#15
Acetone
Concen: 92.731 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 47225
Ion Ratio Lower Upper
58 100
43 337.1 268.2 402.4

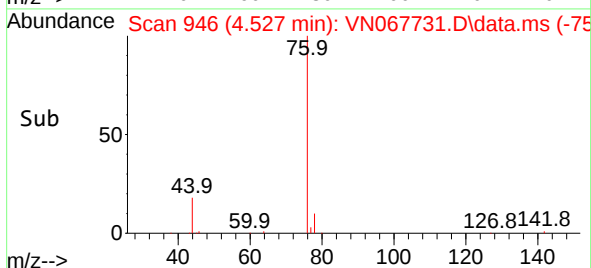
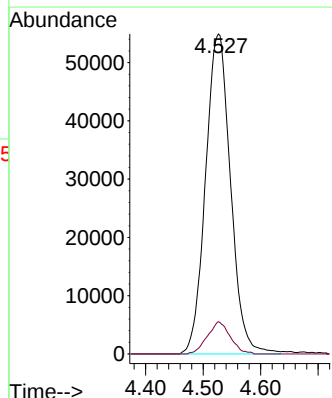
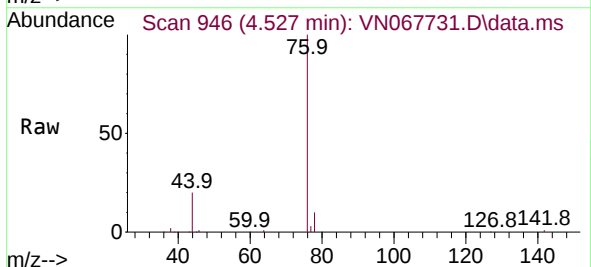
Manual Integrations
APPROVED

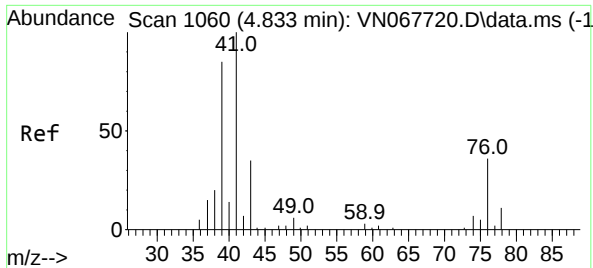
MMDadoda
7/16/2021 10:42:47 AM



#16
Carbon Disulfide
Concen: 18.365 ug/l
RT: 4.527 min Scan# 946
Delta R.T. 0.005 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

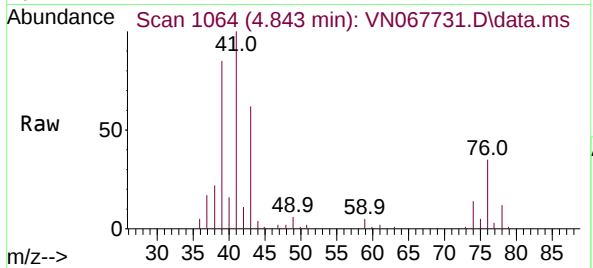
Tgt Ion: 76 Resp: 166007
Ion Ratio Lower Upper
76 100
78 10.1 7.9 11.9





#17
Allyl chloride
Concen: 18.684 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.011 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

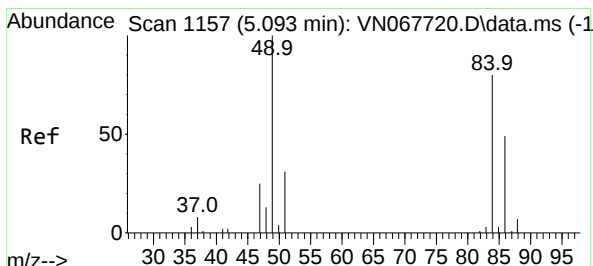
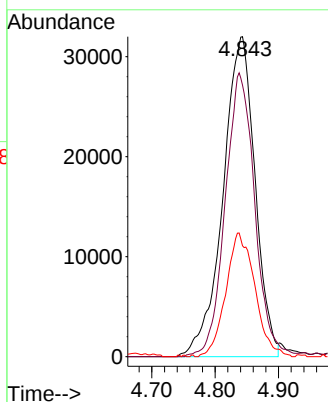
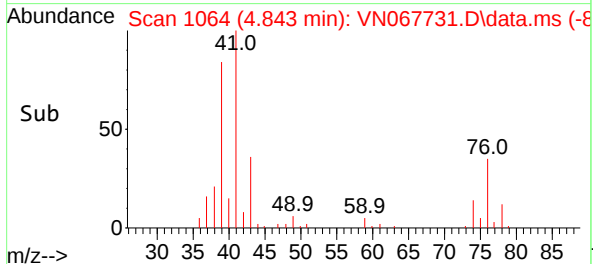
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



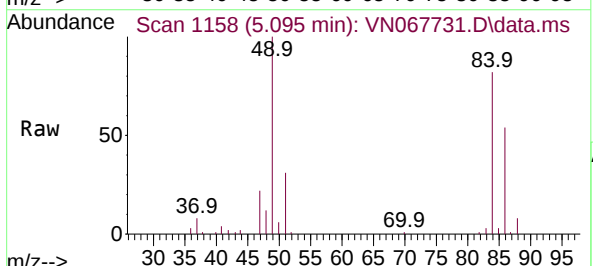
Tgt Ion:	41	Resp:	112535
Ion	Ratio	Lower	Upper
41	100		
39	84.8	42.4	127.3
76	34.2	17.9	53.8

Manual Integrations
APPROVED

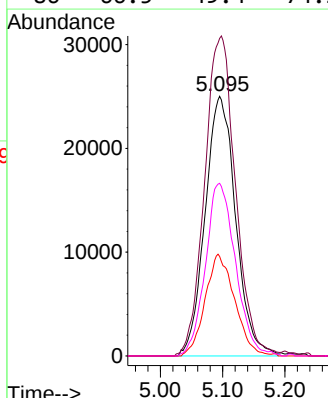
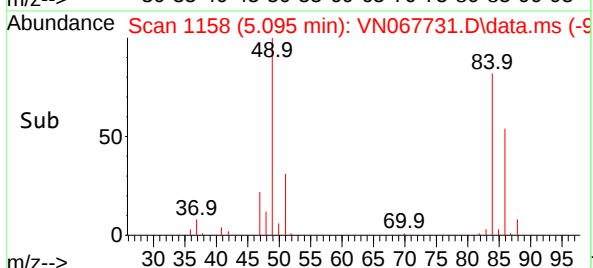
MMDadoda
7/16/2021 10:42:47 AM

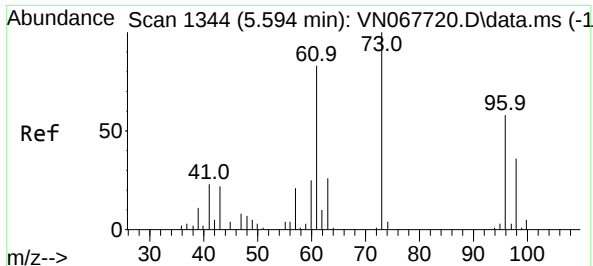


#18
Methylene Chloride
Concen: 18.028 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



Tgt Ion:	84	Resp:	85398
Ion	Ratio	Lower	Upper
84	100		
49	121.4	100.5	150.7
51	38.3	30.7	46.1
86	66.5	49.4	74.2





#19

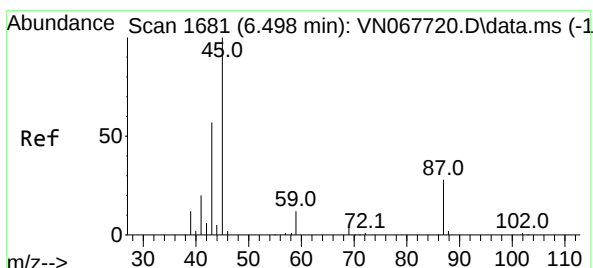
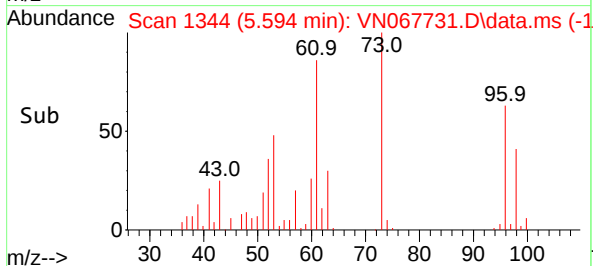
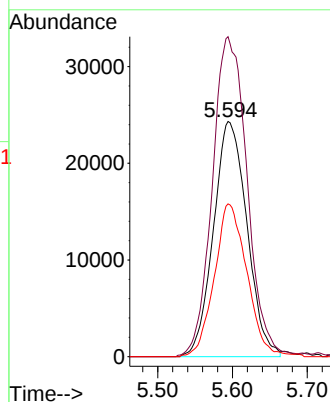
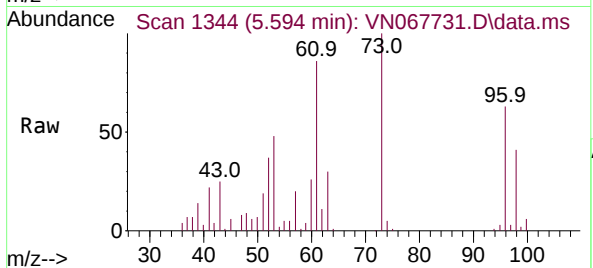
trans-1,2-Dichloroethene
Concen: 18.574 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion:	96	Resp:	75812
Ion	Ratio	Lower	Upper
96	100		
61	135.4	114.3	171.5
98	65.0	49.3	73.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

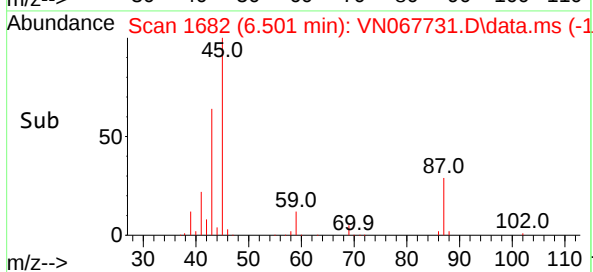
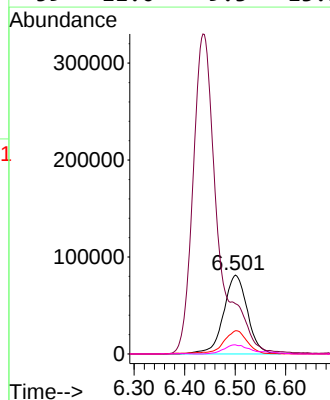
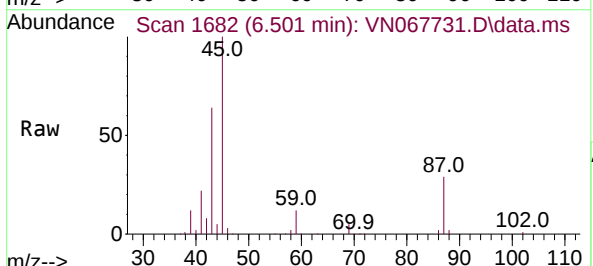
MMDadoda
7/16/2021 10:42:47 AM

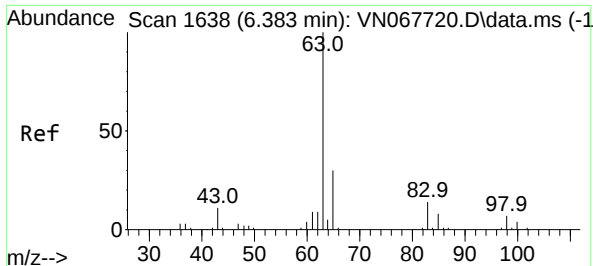


#20

Diisopropyl ether
Concen: 18.716 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion:	45	Resp:	266922
Ion	Ratio	Lower	Upper
45	100		
43	61.0	51.8	77.6
87	29.2	22.5	33.7
59	11.0	9.3	13.9





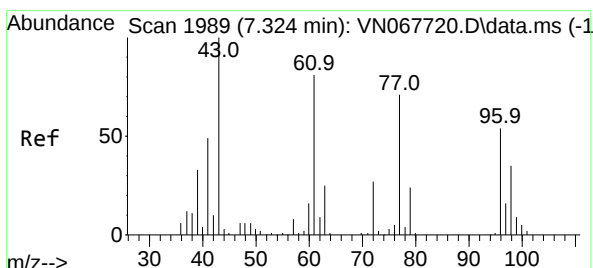
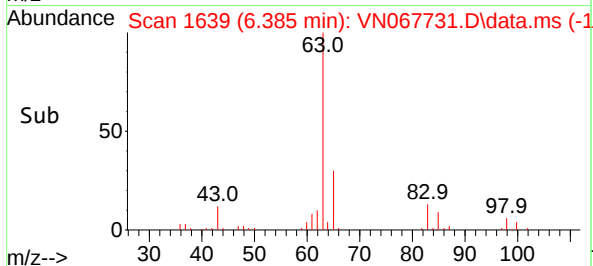
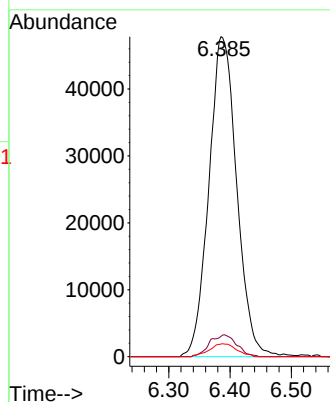
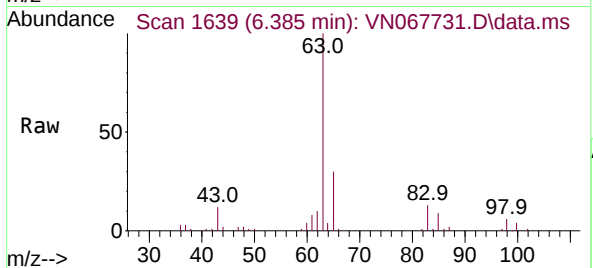
#21
1,1-Dichloroethane
Concen: 19.227 ug/l
RT: 6.385 min Scan# 1639
Delta R.T. 0.003 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 63 Resp: 150851
Ion Ratio Lower Upper
63 100
98 6.4 3.3 9.8
100 4.0 2.0 5.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

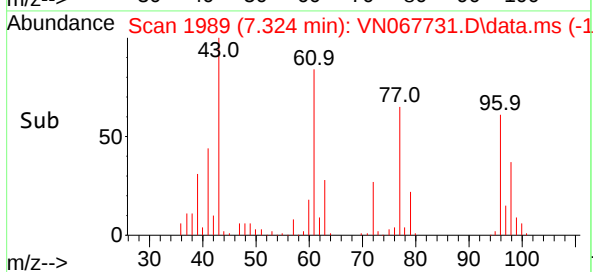
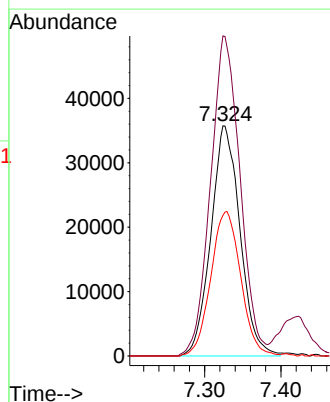
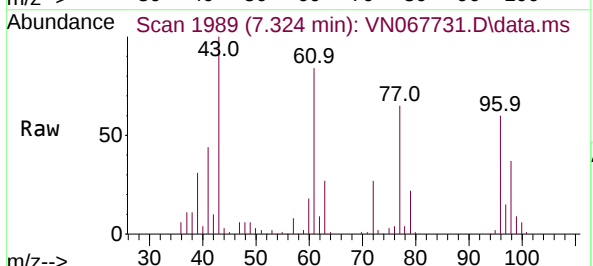
Manual Integrations
APPROVED

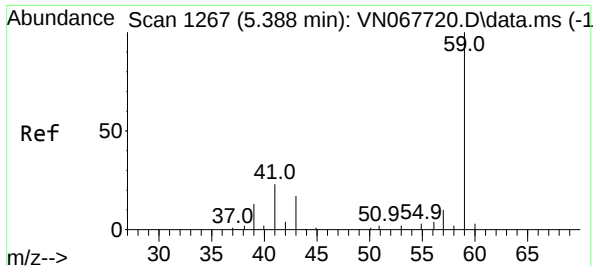
MMDadoda
7/16/2021 10:42:47 AM



#22
cis-1,2-Dichloroethene
Concen: 18.821 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 96 Resp: 94790
Ion Ratio Lower Upper
96 100
61 141.0 121.2 181.8
98 64.4 51.8 77.8





#23

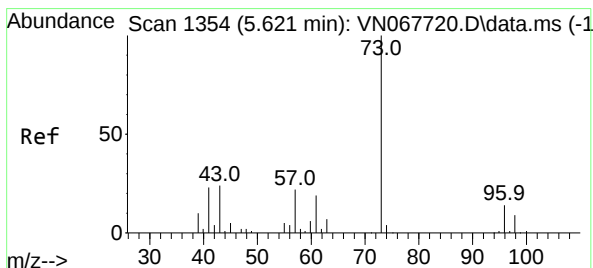
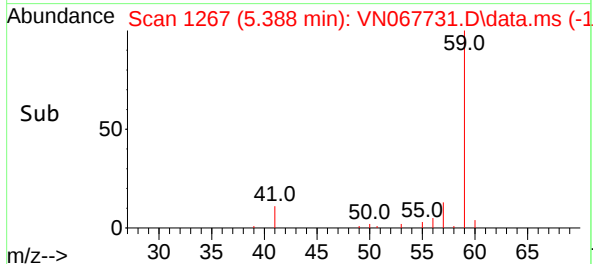
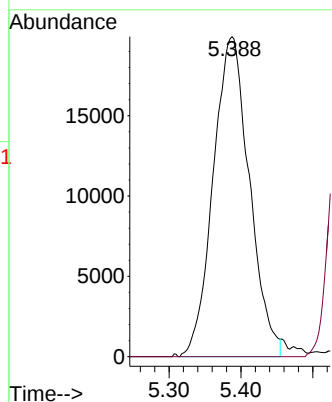
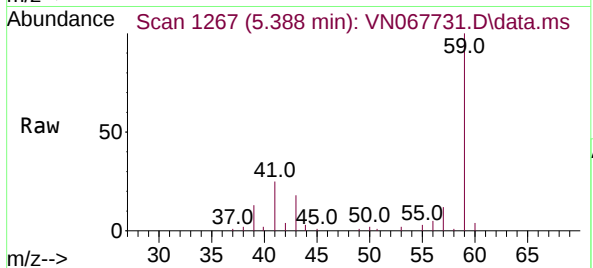
tert-Butyl Alcohol
Concen: 92.047 ug/l
RT: 5.388 min Scan# 1267
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 59 Resp: 69704
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

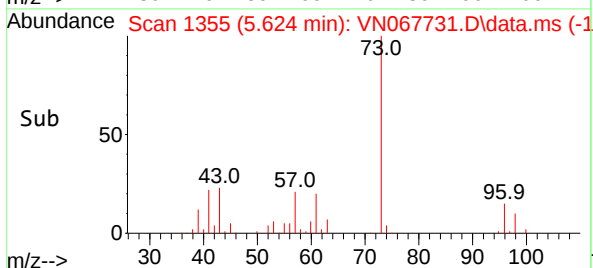
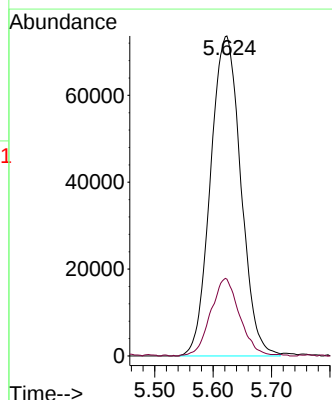
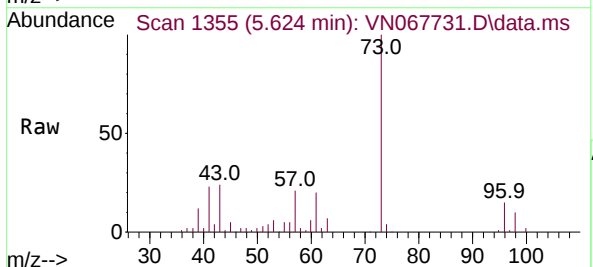
MMDadoda
7/16/2021 10:42:47 AM

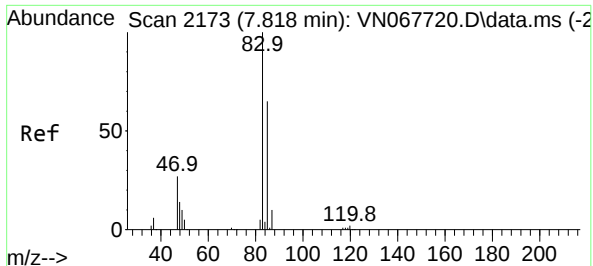


#24

Methyl tert-Butyl Ether
Concen: 18.792 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 73 Resp: 265590
Ion Ratio Lower Upper
73 100
43 23.1 18.6 27.8





#25

Chloroform

Concen: 18.755 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.003 min

Lab File: VN067731.D

Acq: 13 Jul 2021 21:52

Tgt Ion: 83 Resp: 163739

Ion Ratio Lower Upper

83 100

85 64.5 52.3 78.5

Instrument :

MSVOA_N

ClientSampleId :

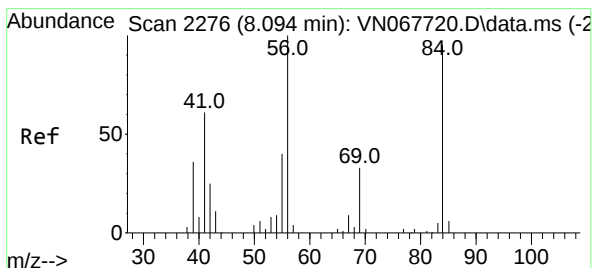
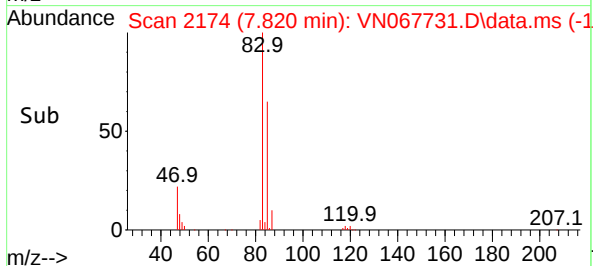
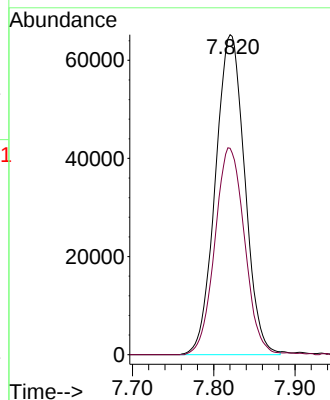
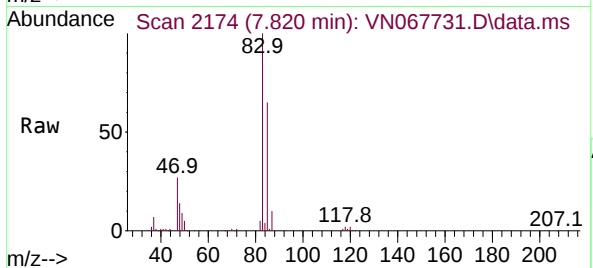
VSTDCCC020EC

Manual Integrations

APPROVED

MMDadoda

7/16/2021 10:42:47 AM



#26

Cyclohexane

Concen: 18.668 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.000 min

Lab File: VN067731.D

Acq: 13 Jul 2021 21:52

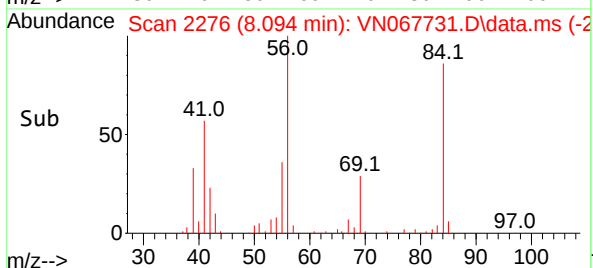
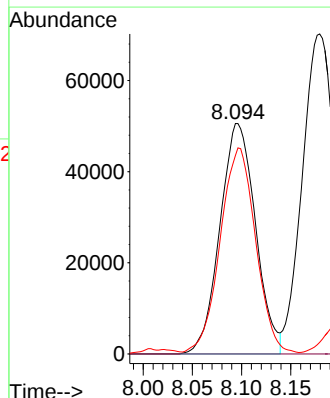
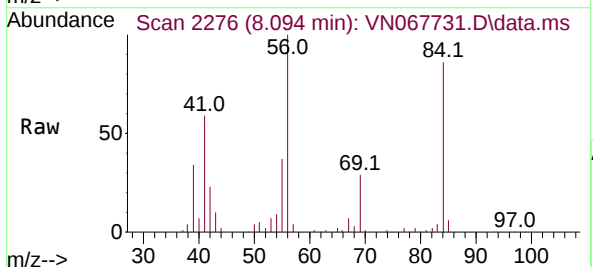
Tgt Ion: 56 Resp: 127618

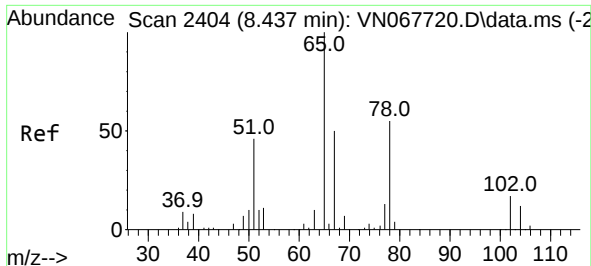
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.9 71.4 107.0





#27

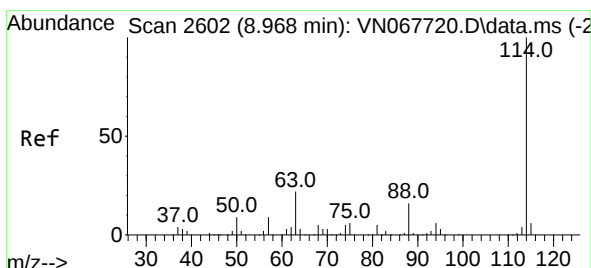
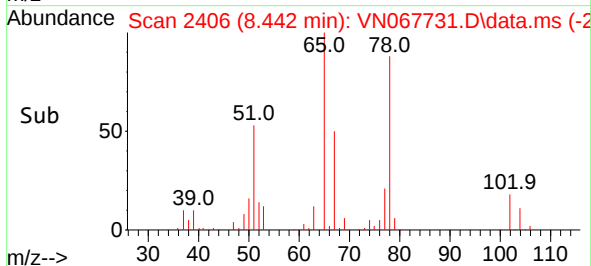
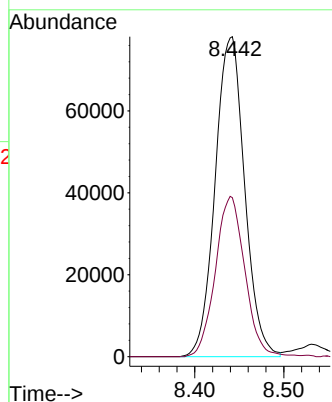
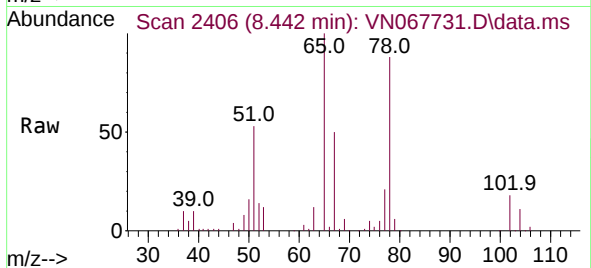
1,2-Dichloroethane-d4
Concen: 31.567 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.005 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 65 Resp: 179961
Ion Ratio Lower Upper
65 100
67 49.9 40.6 60.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

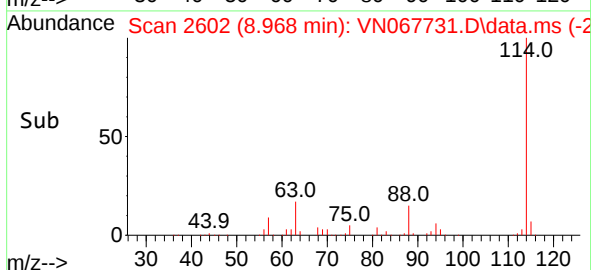
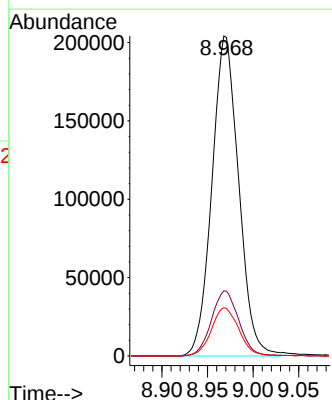
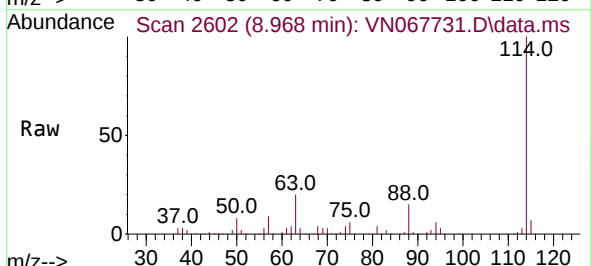
MMDadoda
7/16/2021 10:42:47 AM

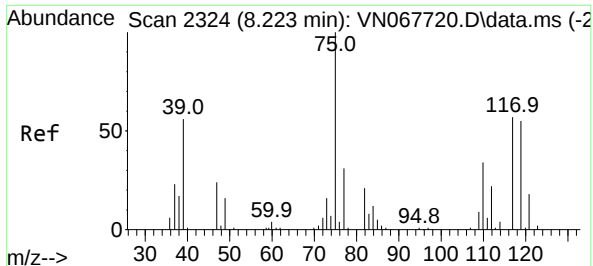


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 114 Resp: 416501
Ion Ratio Lower Upper
114 100
63 20.8 17.2 25.8
88 15.4 12.4 18.6





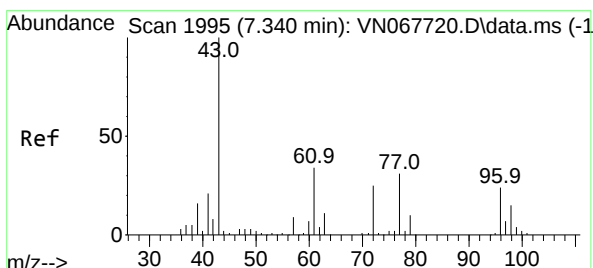
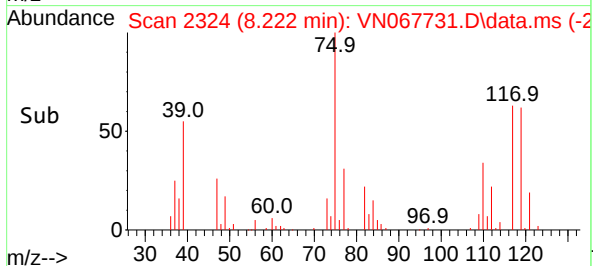
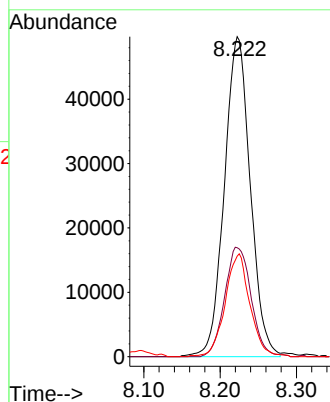
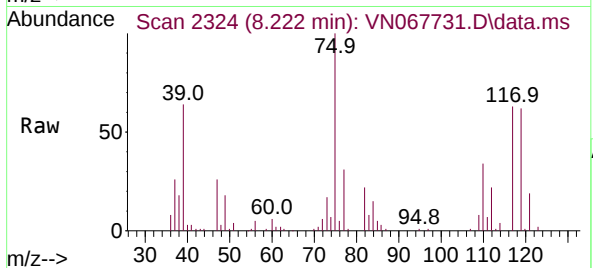
#29
1,1-Dichloropropene
Concen: 17.957 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 75 Resp: 117350
Ion Ratio Lower Upper
75 100
110 34.7 0.0 69.2
77 30.7 0.0 60.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

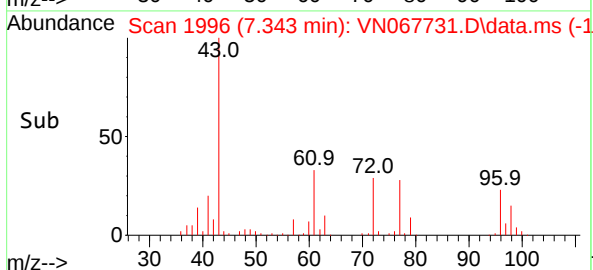
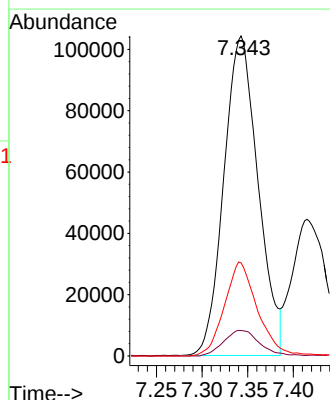
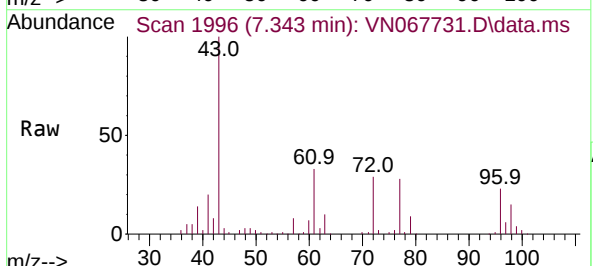
Manual Integrations
APPROVED

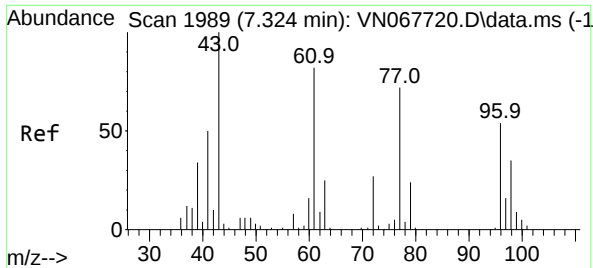
MMDadoda
7/16/2021 10:42:47 AM



#30
2-Butanone
Concen: 89.817 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 43 Resp: 271803
Ion Ratio Lower Upper
43 100
57 8.3 6.6 9.8
72 28.1 21.8 32.6





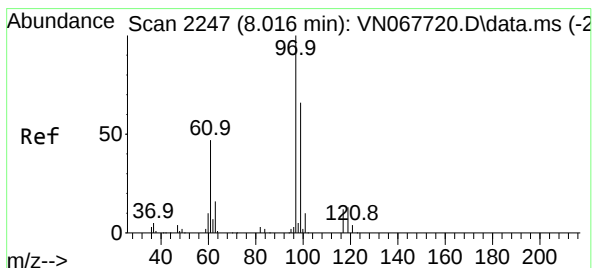
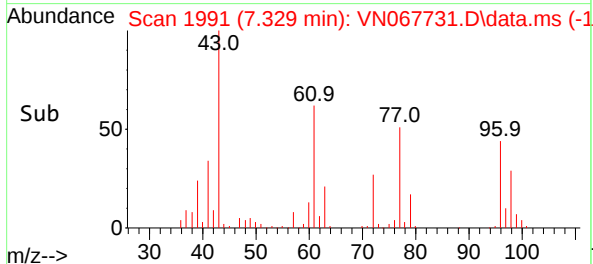
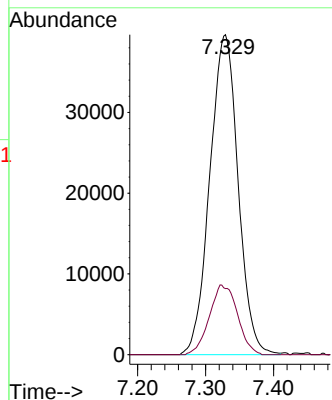
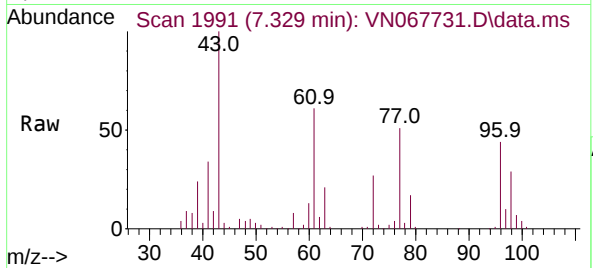
#31
2,2-Dichloropropane
Concen: 15.725 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.005 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 77 Resp: 114641
Ion Ratio Lower Upper
77 100
97 21.7 17.8 26.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

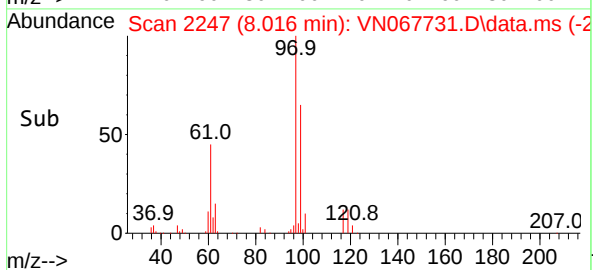
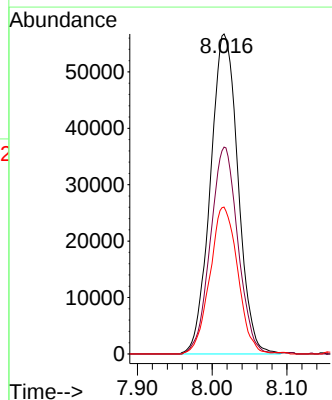
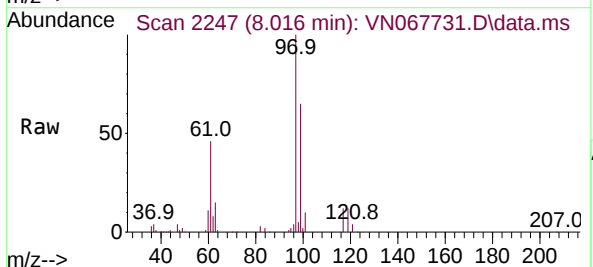
Manual Integrations
APPROVED

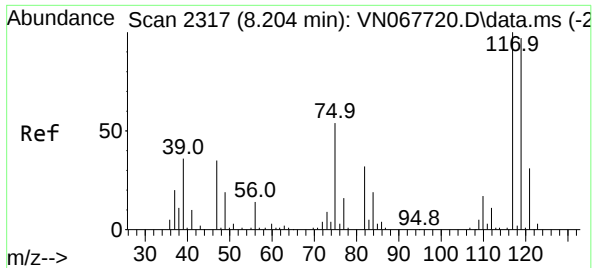
MMDadoda
7/16/2021 10:42:47 AM



#32
1,1,1-Trichloroethane
Concen: 18.160 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

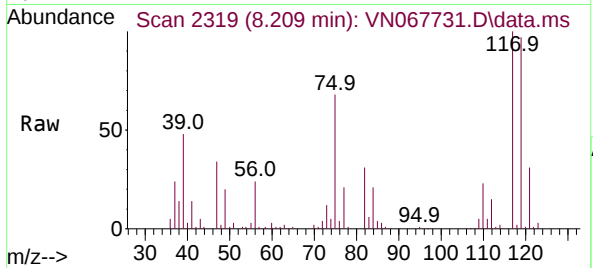
Tgt Ion: 97 Resp: 145729
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 46.3 37.6 56.4





#33
Carbon Tetrachloride
Concen: 17.459 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.005 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

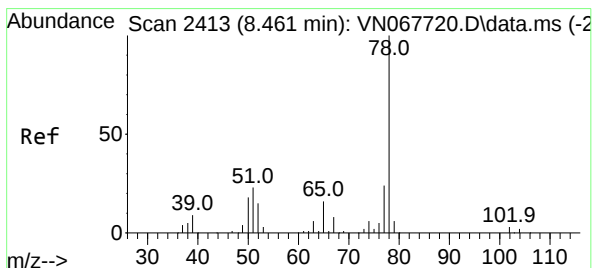
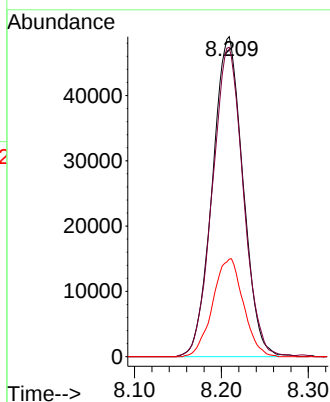
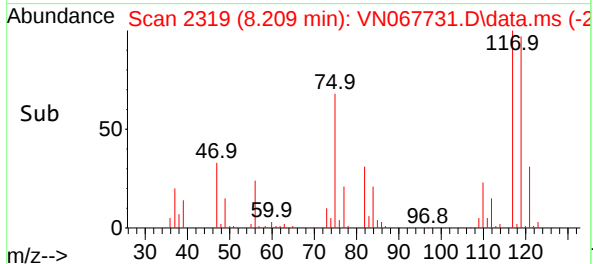
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



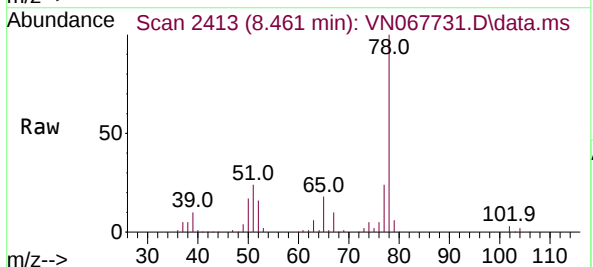
Tgt Ion:117 Resp: 119630
Ion Ratio Lower Upper
117 100
119 96.3 77.6 116.4
121 30.5 24.6 36.8

Manual Integrations
APPROVED

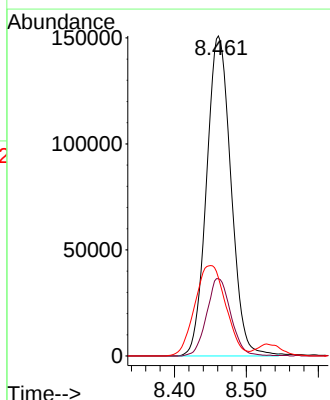
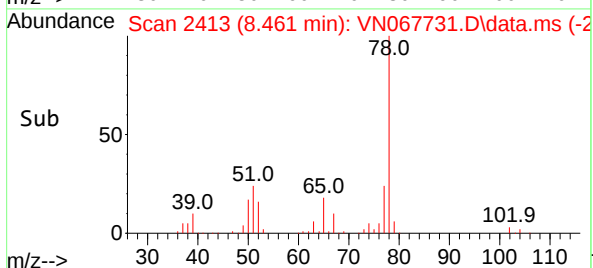
MMDadoda
7/16/2021 10:42:47 AM

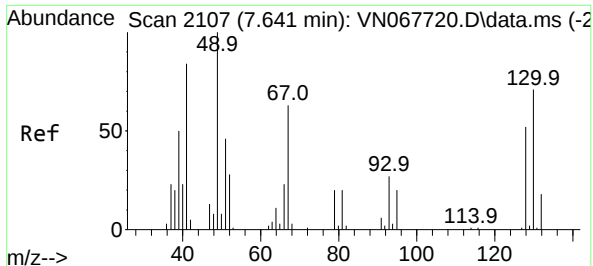


#34
Benzene
Concen: 18.249 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



Tgt Ion: 78 Resp: 356467
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7
51 23.2 18.2 27.4





#35

Methacrylonitrile

Concen: 18.485 ug/l

RT: 7.638 min Scan# 2106

Delta R.T. -0.003 min

Lab File: VN067731.D

Acq: 13 Jul 2021 21:52

Tgt Ion: 41 Resp: 57504

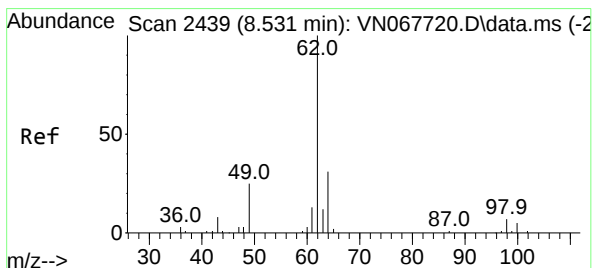
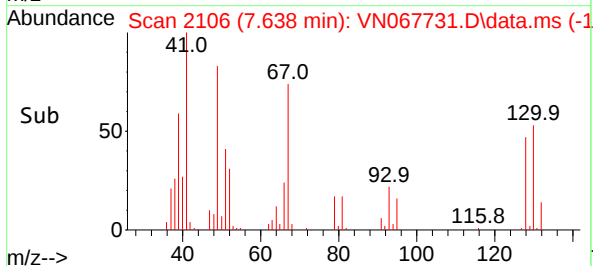
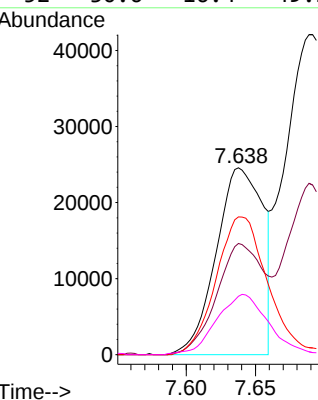
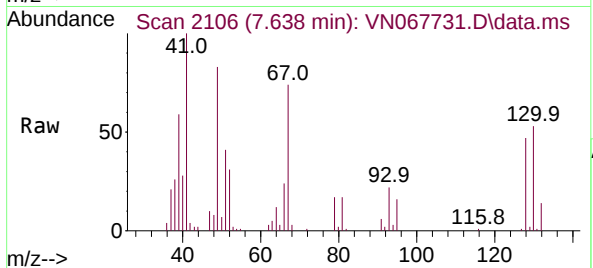
Ion Ratio Lower Upper

41 100

39 59.4 29.6 88.9

67 73.7 37.4 112.2

52 30.6 16.4 49.2



#36

1,2-Dichloroethane

Concen: 18.507 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VN067731.D

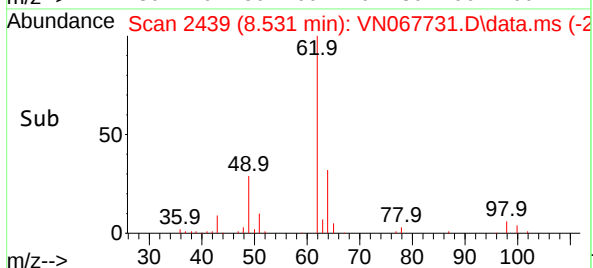
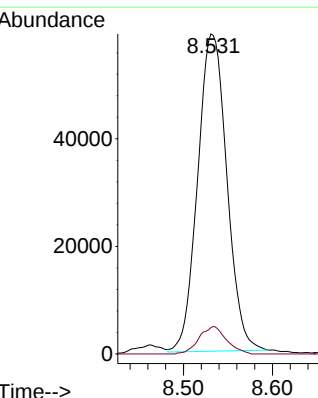
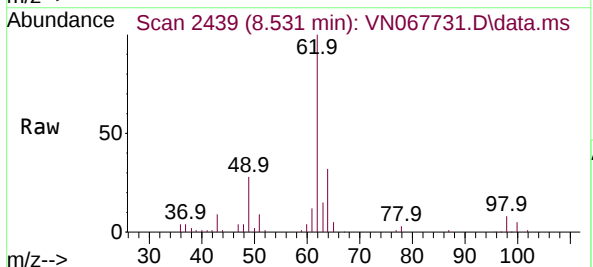
Acq: 13 Jul 2021 21:52

Tgt Ion: 62 Resp: 134575

Ion Ratio Lower Upper

62 100

98 8.1 6.2 9.2



Instrument :

MSVOA_N

ClientSampleId :

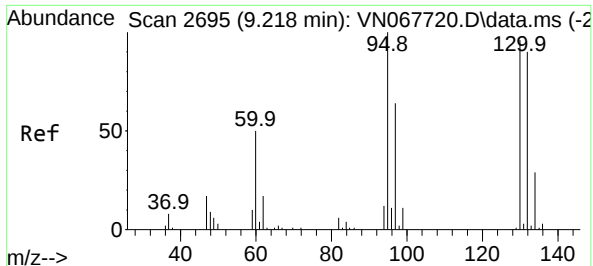
VSTDCCC020EC

Manual Integrations

APPROVED

MMDadoda

7/16/2021 10:42:47 AM



#37

Trichloroethene

Concen: 18.274 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.000 min

Lab File: VN067731.D

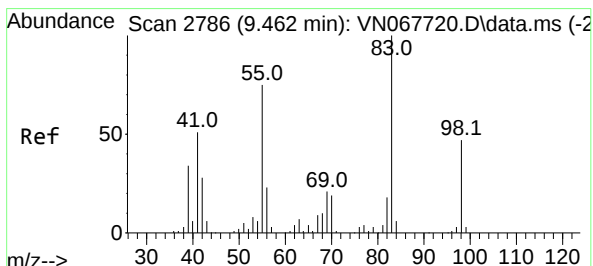
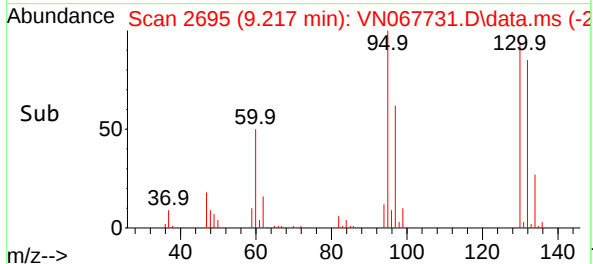
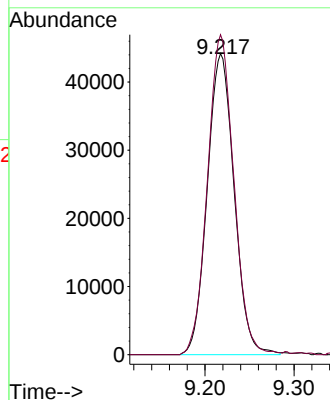
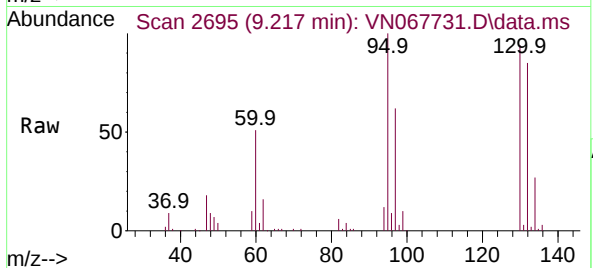
Acq: 13 Jul 2021 21:52

Tgt Ion:130 Resp: 92737

Ion Ratio Lower Upper

130 100

95 106.3 83.2 124.8



#38

Methylcyclohexane

Concen: 17.565 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. -0.000 min

Lab File: VN067731.D

Acq: 13 Jul 2021 21:52

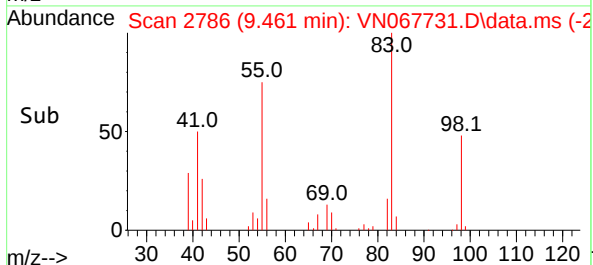
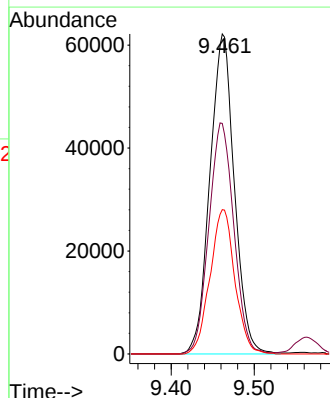
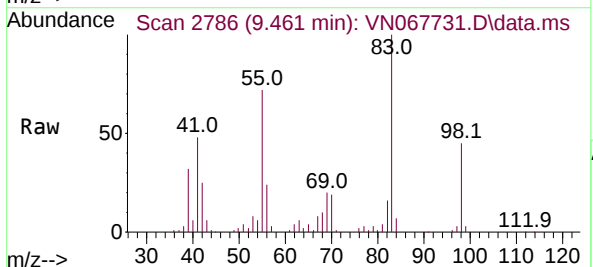
Tgt Ion: 83 Resp: 127131

Ion Ratio Lower Upper

83 100

55 73.7 37.4 112.2

98 45.8 23.5 70.6



Instrument :

MSVOA_N

ClientSampleId :

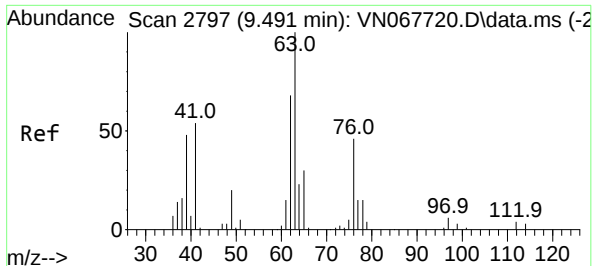
VSTDCCC020EC

Manual Integrations

APPROVED

MMDadoda

7/16/2021 10:42:47 AM



#39

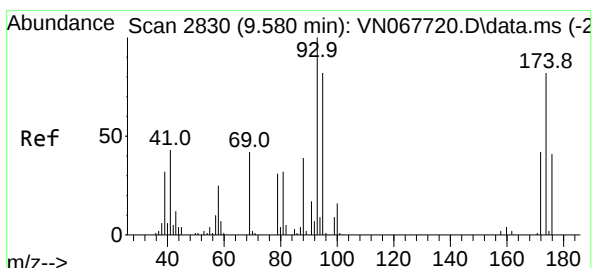
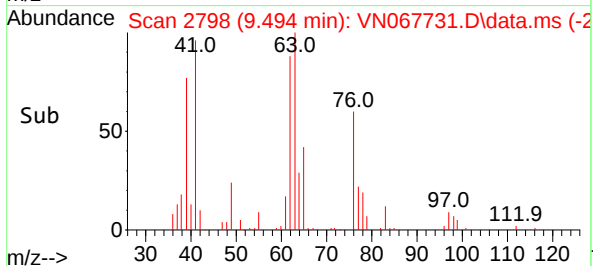
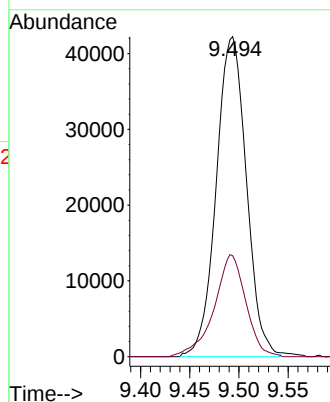
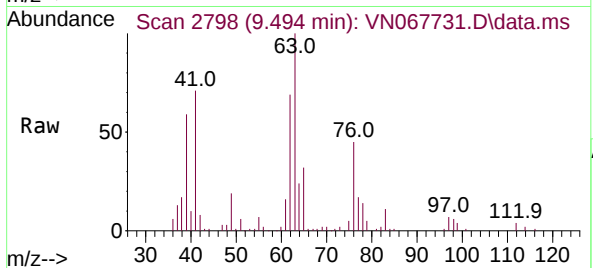
1,2-Dichloropropane
Concen: 18.076 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 90045
Ion Ratio Lower Upper
63 100
65 31.2 24.3 36.5

Manual Integrations
APPROVED

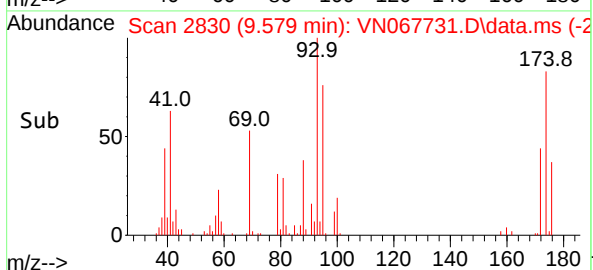
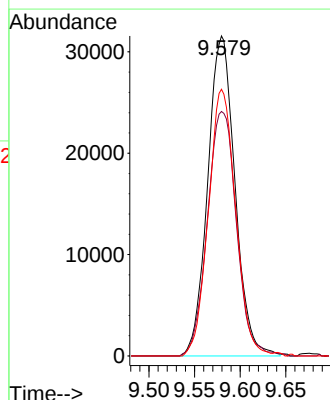
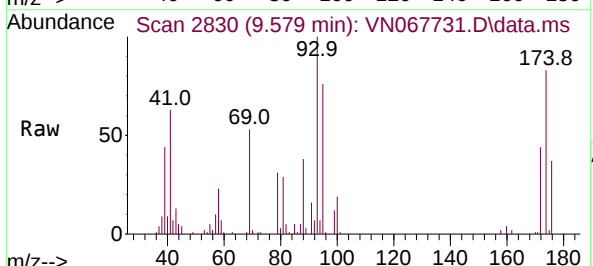
MMDadoda
7/16/2021 10:42:47 AM

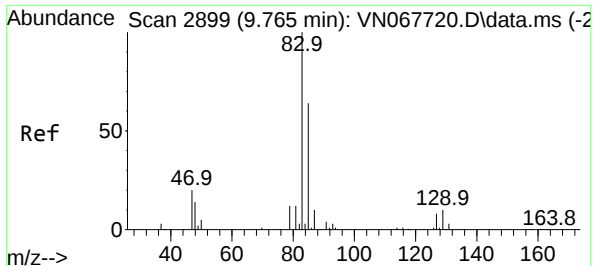


#40

Dibromomethane
Concen: 18.347 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

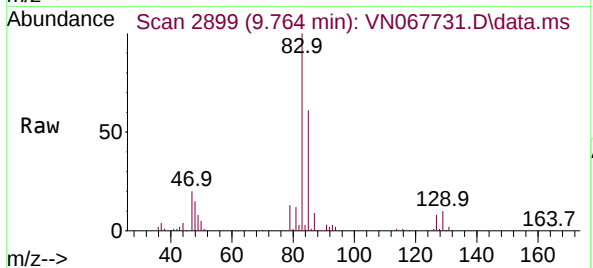
Tgt Ion: 93 Resp: 65720
Ion Ratio Lower Upper
93 100
95 81.3 0.0 165.4
174 83.1 0.0 163.0





#41
Bromodichloromethane
Concen: 17.975 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

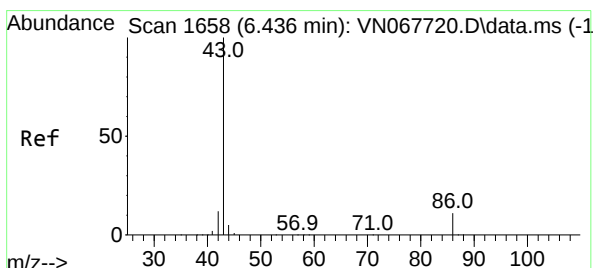
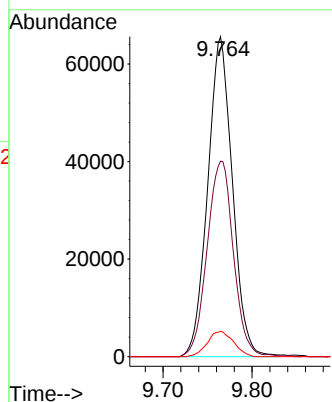
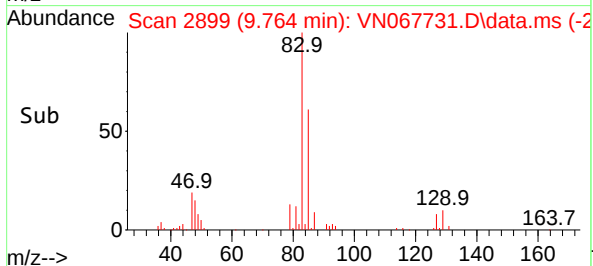
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



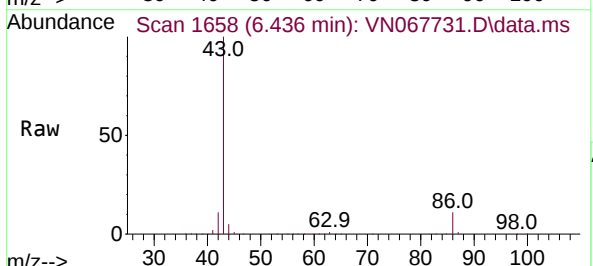
Tgt Ion: 83 Resp: 126392
Ion Ratio Lower Upper
83 100
85 61.1 51.3 76.9
127 7.9 6.6 10.0

Manual Integrations
APPROVED

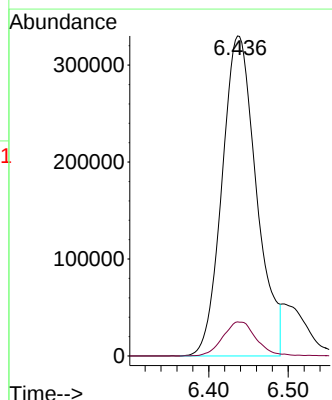
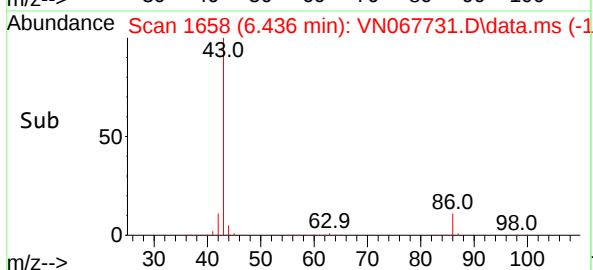
MMDadoda
7/16/2021 10:42:47 AM

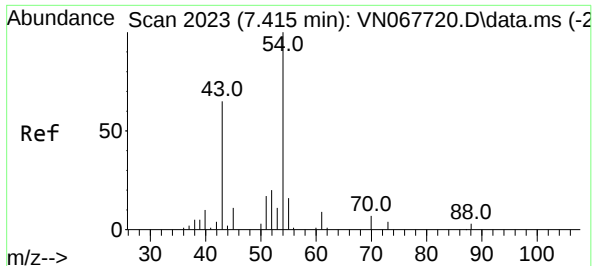


#42
Vinyl Acetate
Concen: 82.574 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



Tgt Ion: 43 Resp: 994113
Ion Ratio Lower Upper
43 100
86 10.2 8.2 12.2





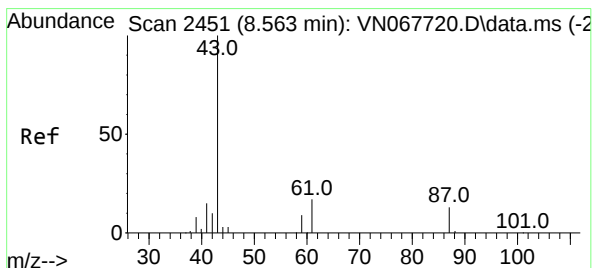
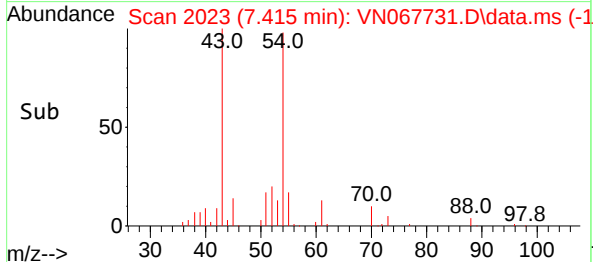
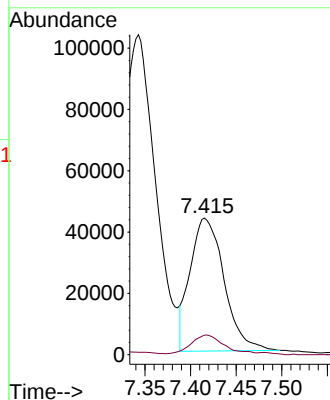
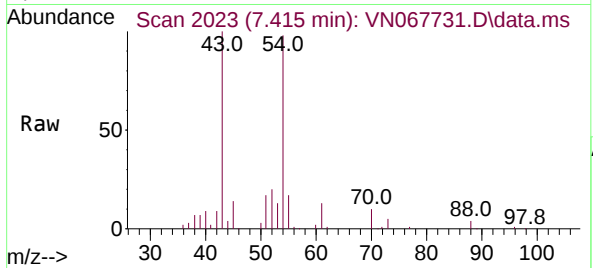
#43
Ethyl Acetate
Concen: 18.394 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 43 Resp: 112536
Ion Ratio Lower Upper
43 100
45 12.5 10.5 15.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

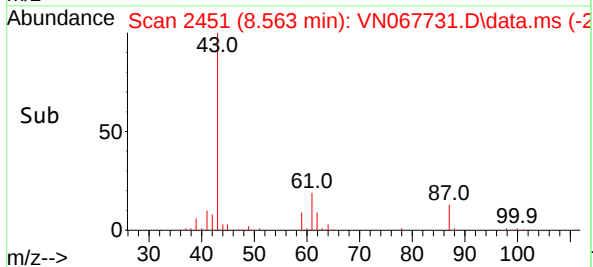
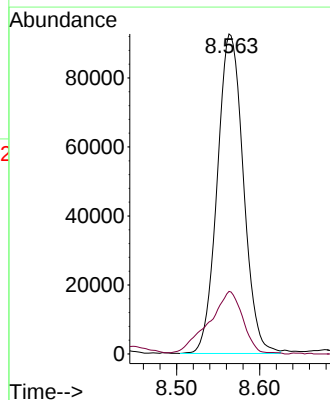
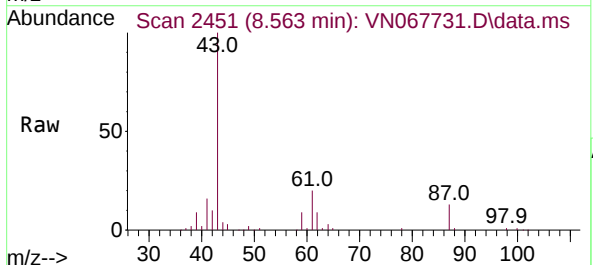
Manual Integrations
APPROVED

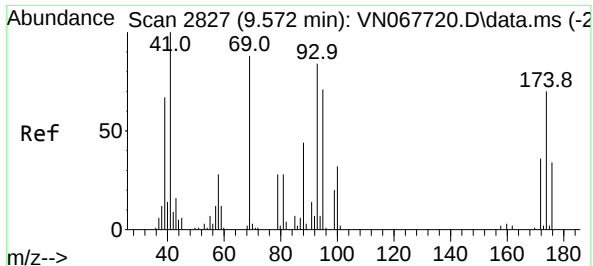
MMDadoda
7/16/2021 10:42:47 AM



#44
Isopropyl Acetate
Concen: 18.207 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 43 Resp: 202249
Ion Ratio Lower Upper
43 100
61 24.6 20.4 30.6





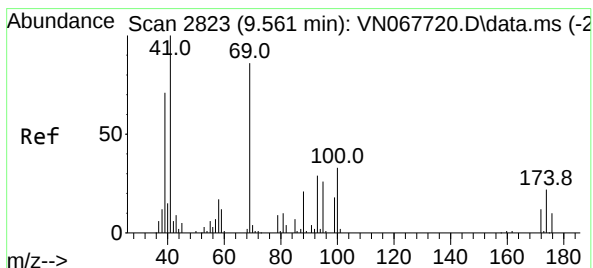
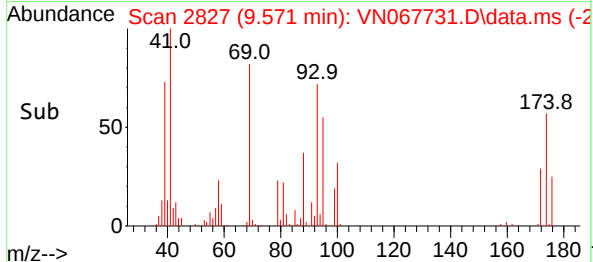
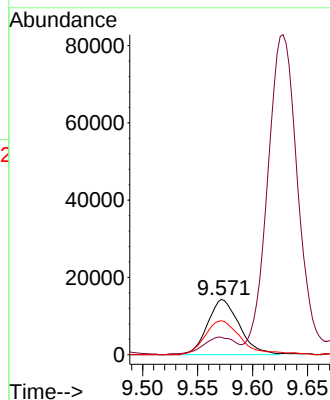
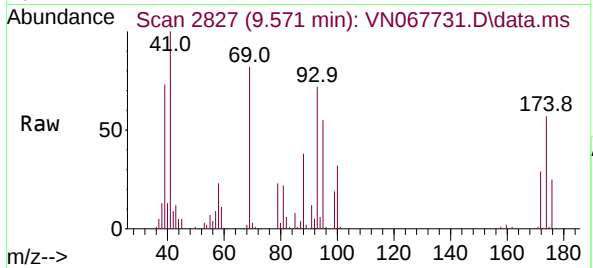
#45
1,4-Dioxane
Concen: 342.267 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 88 Resp: 28792
Ion Ratio Lower Upper
88 100
43 33.1 26.9 40.3
58 66.1 52.2 78.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

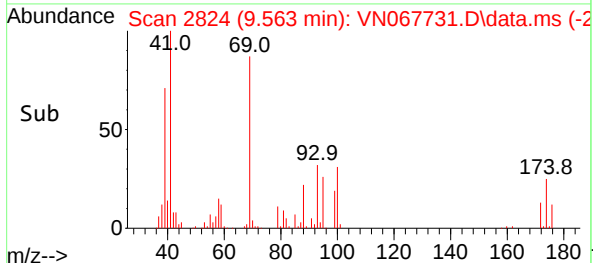
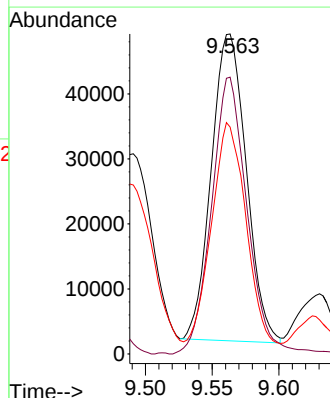
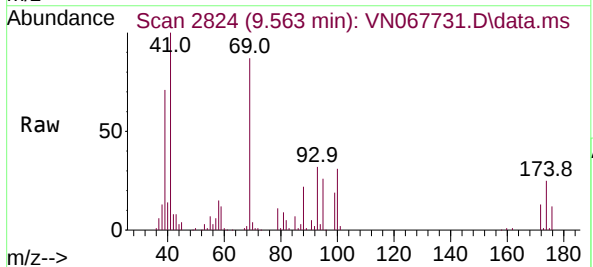
Manual Integrations
APPROVED

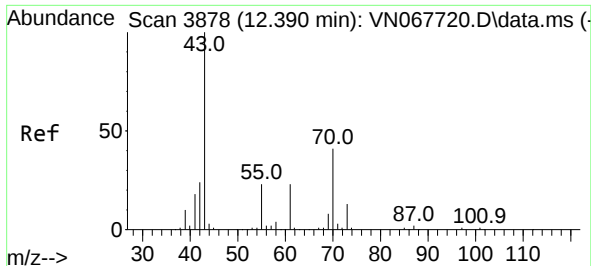
MMDadoda
7/16/2021 10:42:47 AM



#46
Methyl methacrylate
Concen: 17.938 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 41 Resp: 86020
Ion Ratio Lower Upper
41 100
69 89.7 43.0 128.8
39 71.0 35.5 106.7





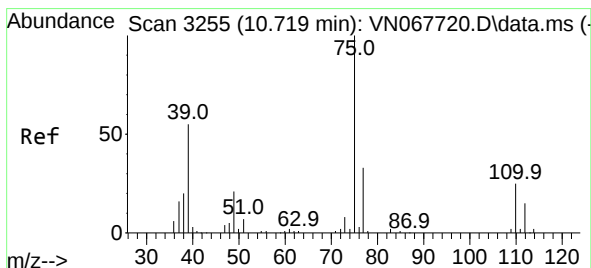
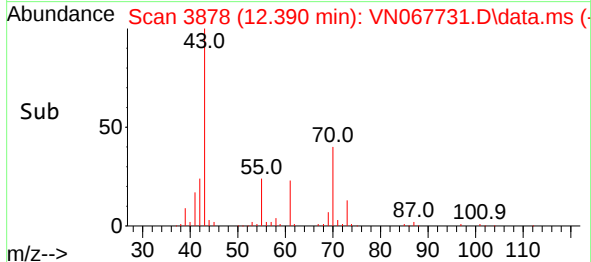
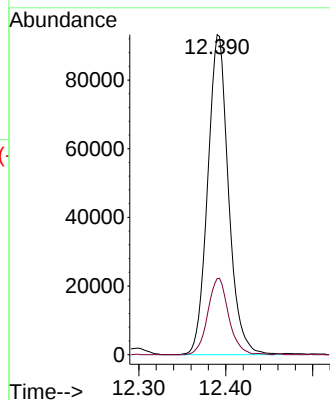
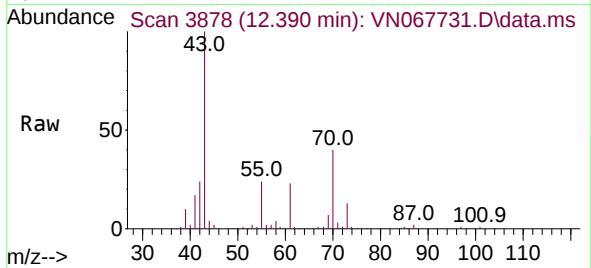
#47
n-amy1 Acetate
Concen: 16.986 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 43 Resp: 154887
Ion Ratio Lower Upper
43 100
55 23.9 19.0 28.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

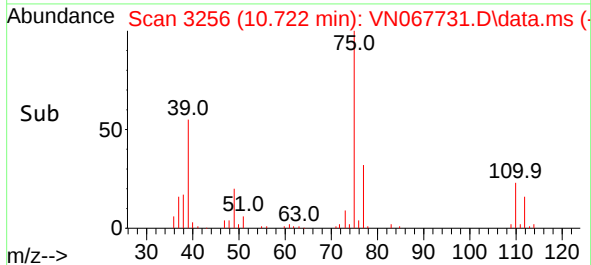
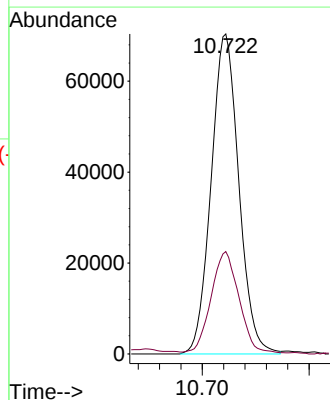
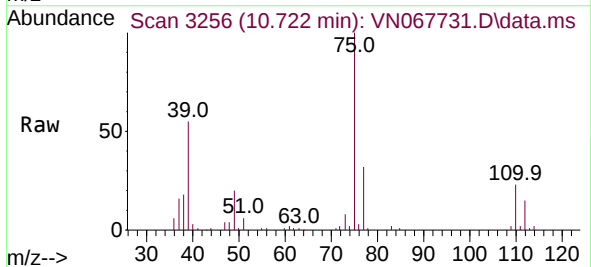
Manual Integrations
APPROVED

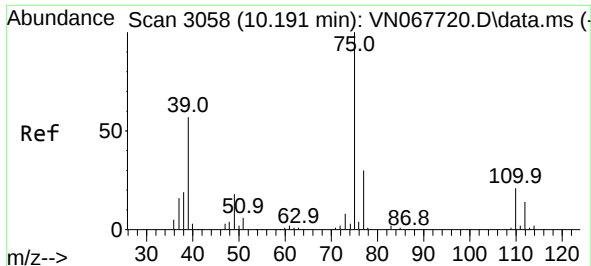
MMDadoda
7/16/2021 10:42:47 AM



#48
t-1,3-Dichloropropene
Concen: 16.715 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 75 Resp: 126663
Ion Ratio Lower Upper
75 100
77 31.6 27.0 40.4





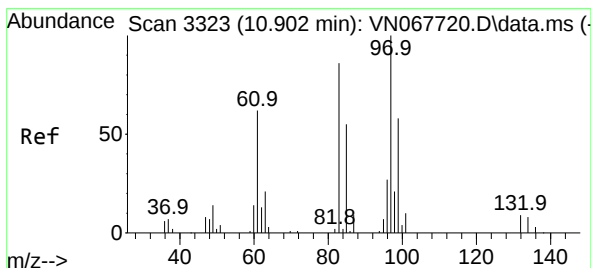
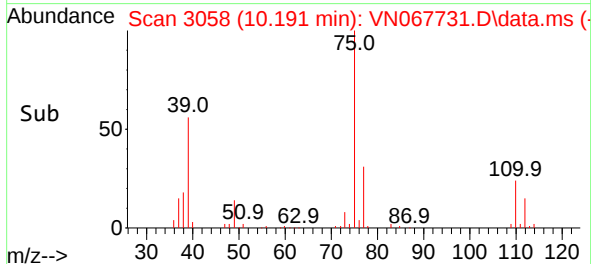
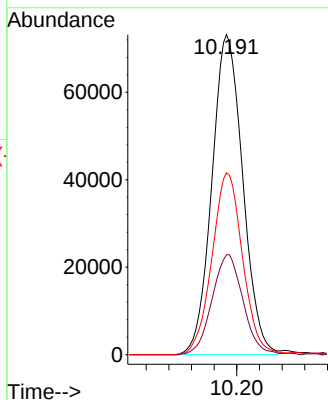
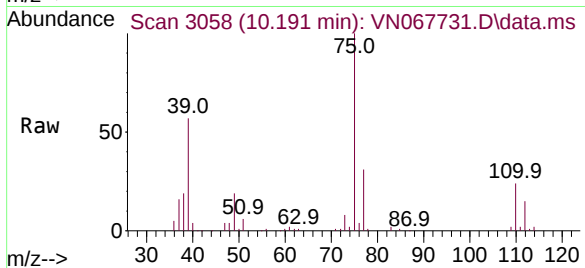
#49
cis-1,3-Dichloropropene
Concen: 17.186 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 75 Resp: 138240
Ion Ratio Lower Upper
75 100
77 31.2 23.8 35.6
39 56.2 45.3 67.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

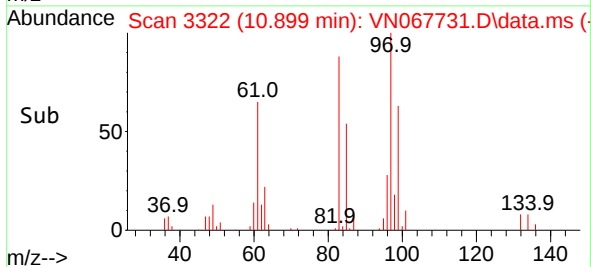
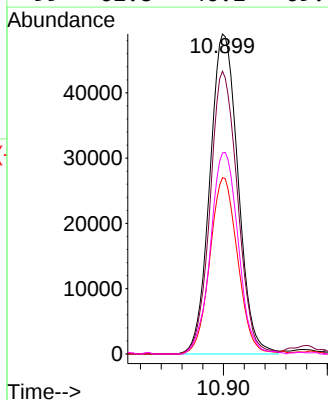
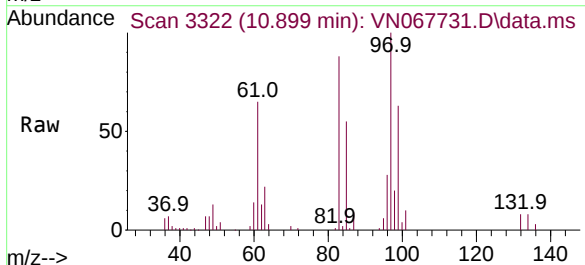
Manual Integrations
APPROVED

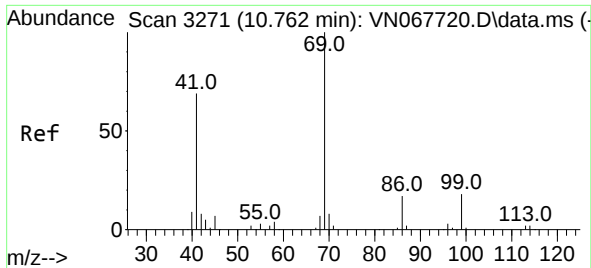
MMDadoda
7/16/2021 10:42:47 AM



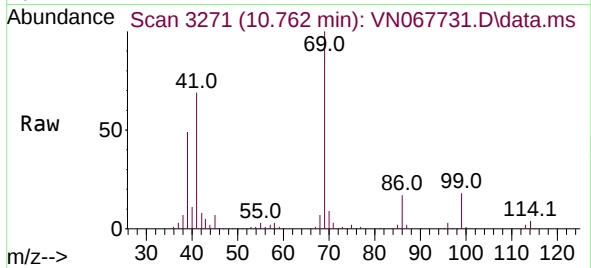
#50
1,1,2-Trichloroethane
Concen: 18.066 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.003 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 97 Resp: 92352
Ion Ratio Lower Upper
97 100
83 88.3 69.0 103.4
85 55.1 43.8 65.8
99 62.8 46.2 69.4

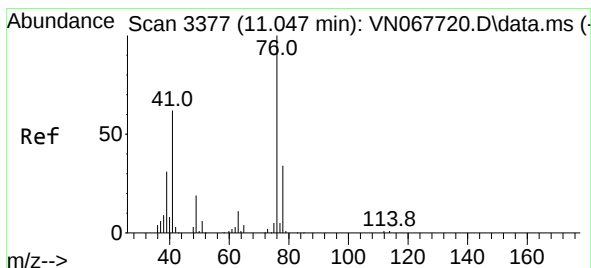
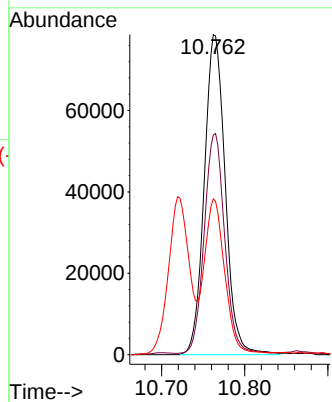
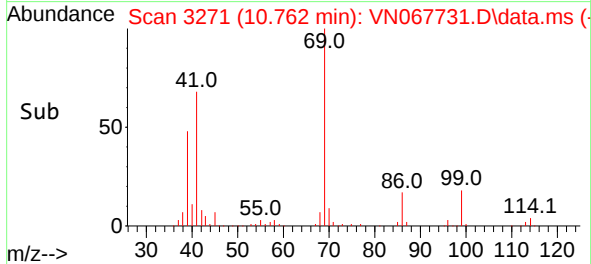




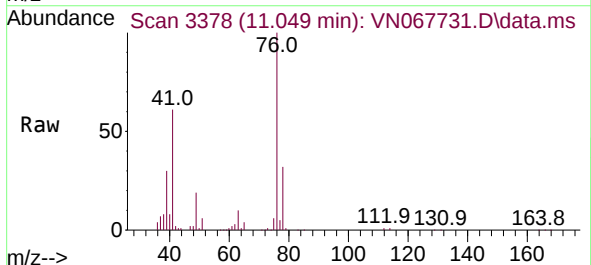
#51
Ethyl methacrylate
Concen: 17.341 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



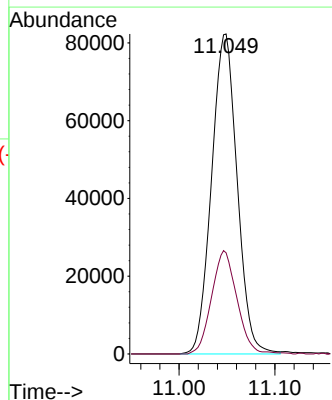
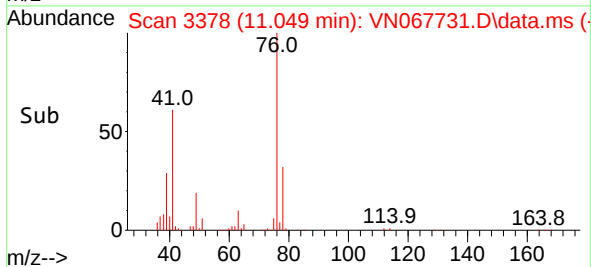
Tgt Ion: 69 Resp: 137848
Ion Ratio Lower Upper
69 100
41 68.2 34.3 102.9
39 48.1 23.7 71.1



#52
1,3-Dichloropropane
Concen: 18.049 ug/l
RT: 11.049 min Scan# 3378
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



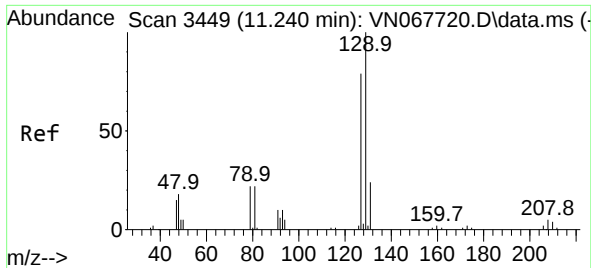
Tgt Ion: 76 Resp: 152558
Ion Ratio Lower Upper
76 100
78 31.6 0.0 67.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

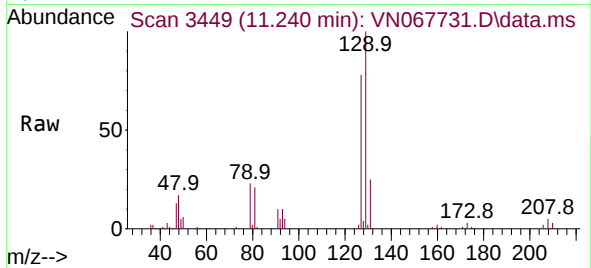
Manual Integrations
APPROVED

MMDadoda
7/16/2021 10:42:47 AM



#53
Dibromochloromethane
Concen: 16.878 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

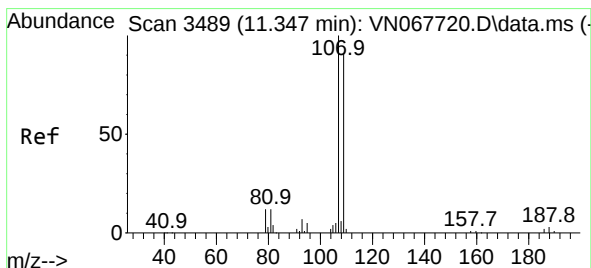
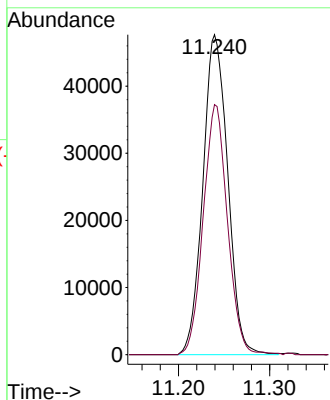
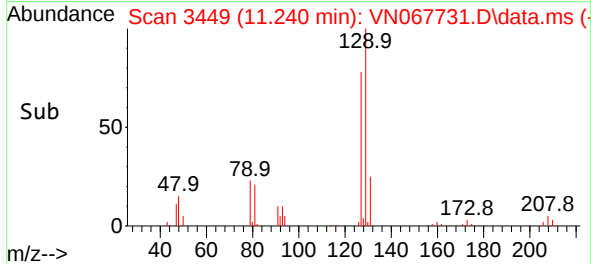
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



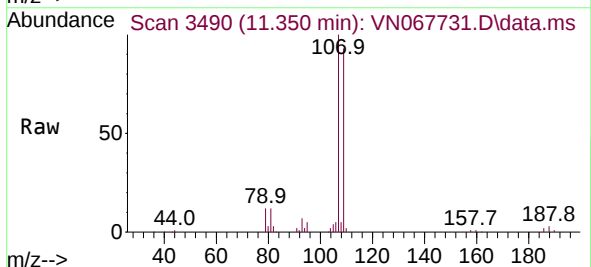
Tgt Ion:129 Resp: 90314
Ion Ratio Lower Upper
129 100
127 75.8 39.6 118.8

Manual Integrations
APPROVED

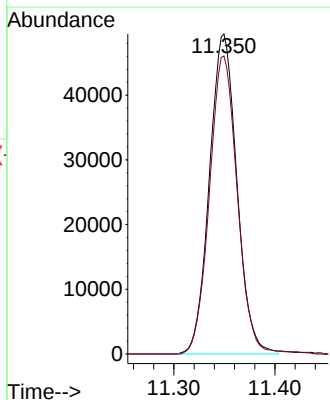
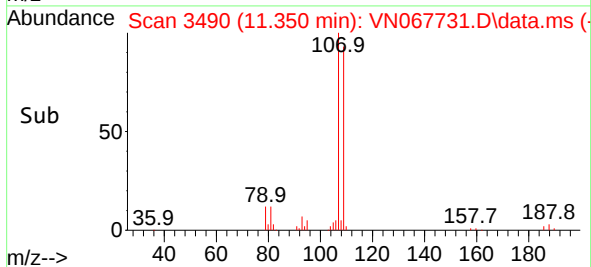
MMDadoda
7/16/2021 10:42:47 AM

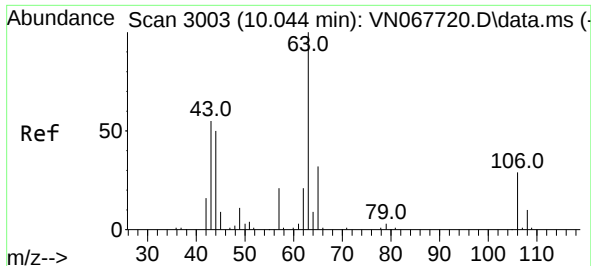


#54
1,2-Dibromoethane
Concen: 17.687 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



Tgt Ion:107 Resp: 93265
Ion Ratio Lower Upper
107 100
109 94.0 74.6 111.8





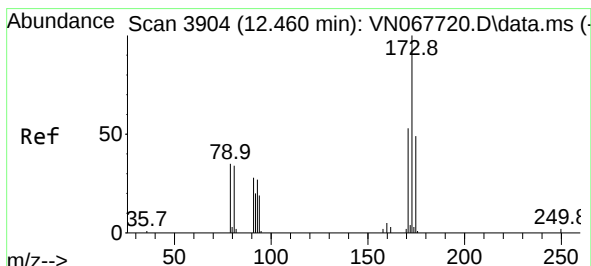
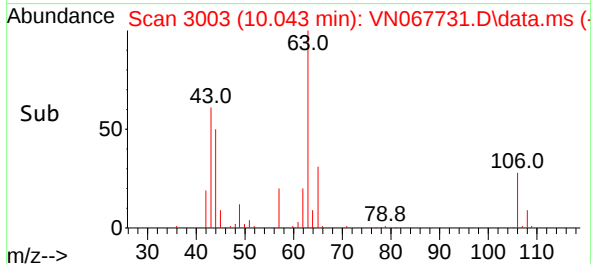
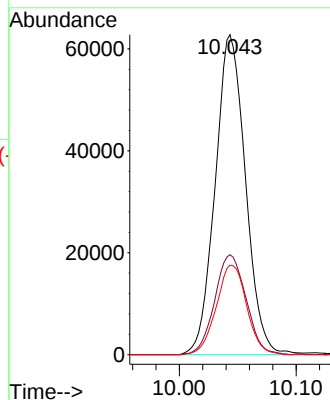
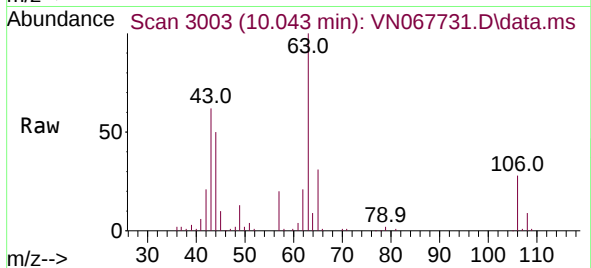
#55
2-Chloroethyl vinyl ether
Concen: 73.354 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 63 Resp: 112780
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3
106 28.2 22.1 33.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

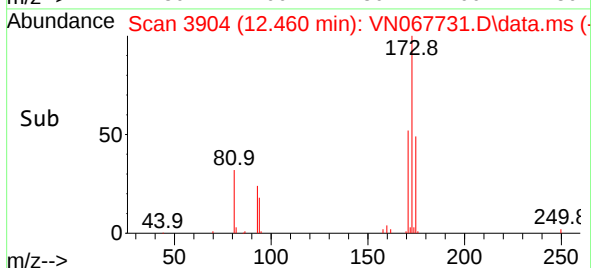
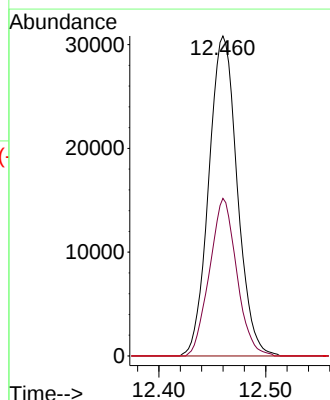
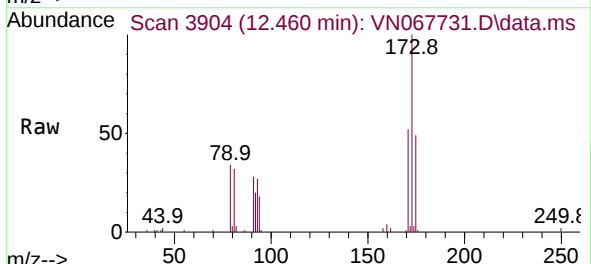
Manual Integrations
APPROVED

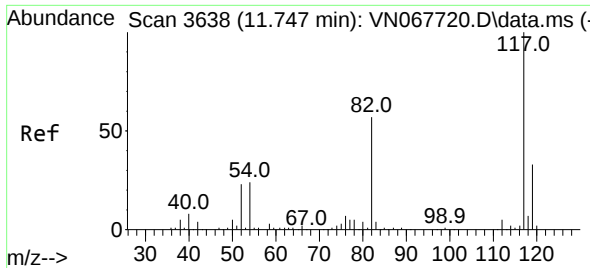
MMDadoda
7/16/2021 10:42:47 AM



#56
Bromoform
Concen: 15.219 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

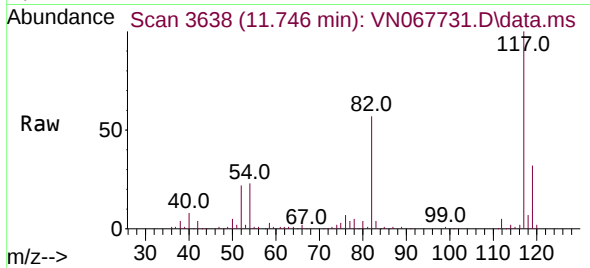
Tgt Ion: 173 Resp: 57056
Ion Ratio Lower Upper
173 100
175 47.1 38.5 57.7
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

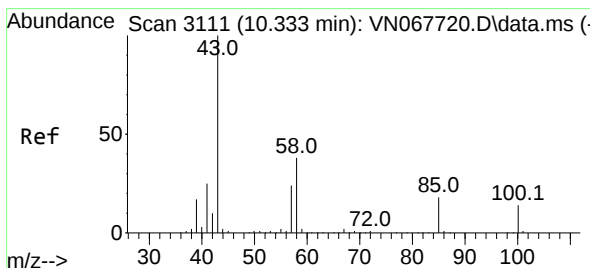
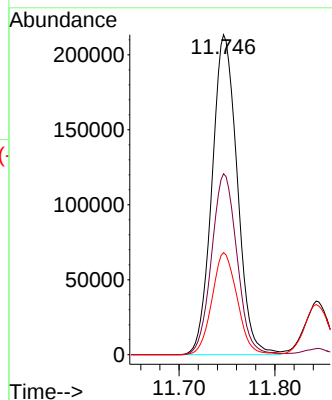
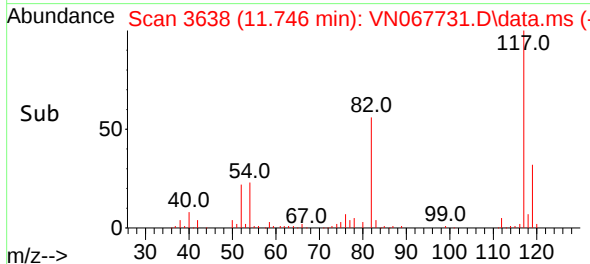
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



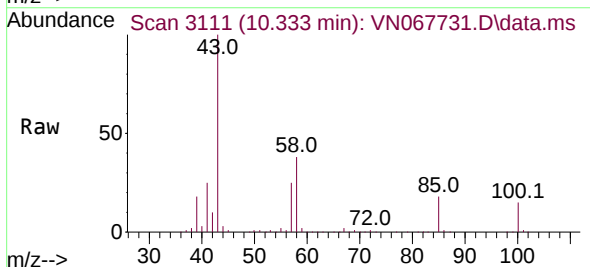
Tgt Ion: 117 Resp: 390349
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 32.0 25.7 38.5

Manual Integrations
APPROVED

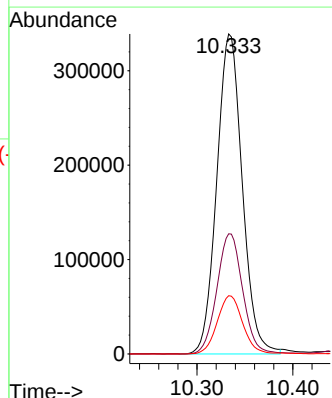
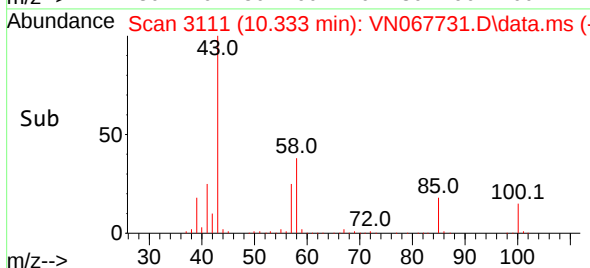
MMDadoda
7/16/2021 10:42:47 AM

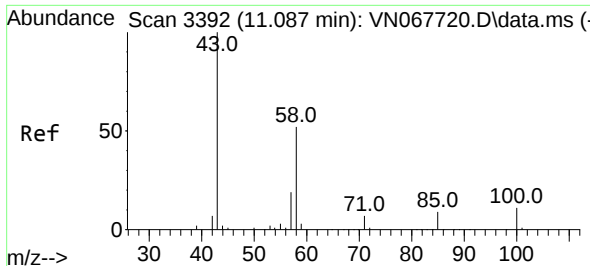


#58
4-Methyl-2-Pentanone
Concen: 93.358 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



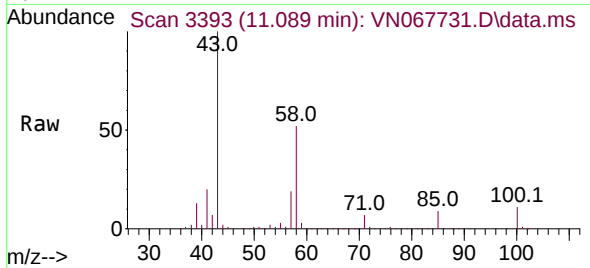
Tgt Ion: 43 Resp: 625752
Ion Ratio Lower Upper
43 100
58 38.1 29.9 44.9
85 18.1 14.1 21.1





#59
2-Hexanone
Concen: 92.012 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

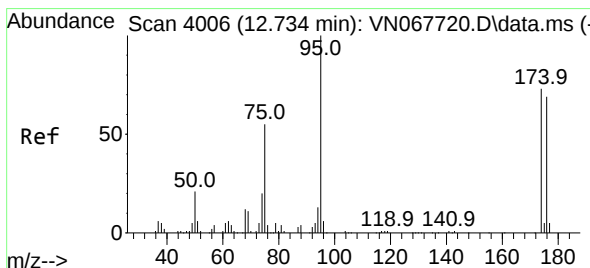
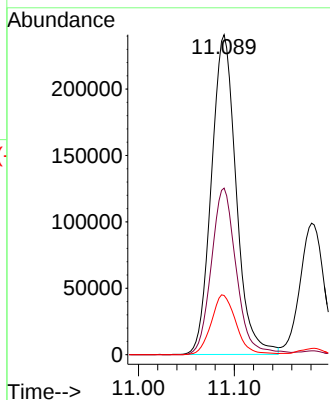
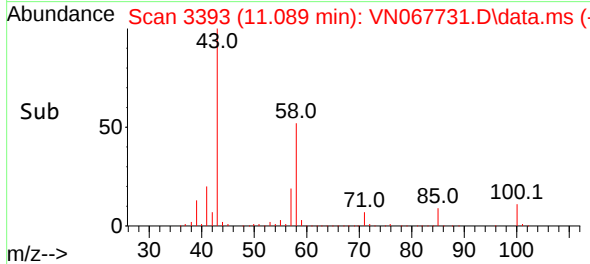
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



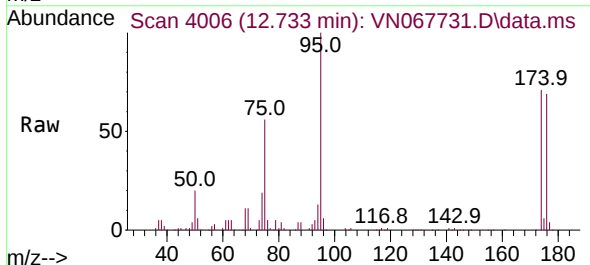
Tgt Ion: 43 Resp: 432414
Ion Ratio Lower Upper
43 100
58 52.3 41.5 62.3
57 18.8 15.1 22.7

Manual Integrations
APPROVED

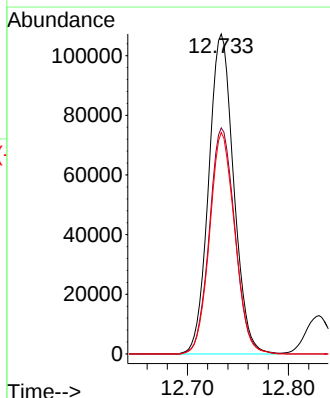
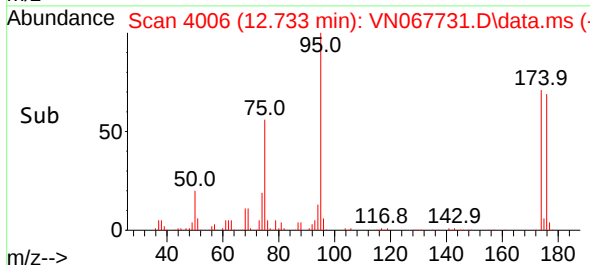
MMDadoda
7/16/2021 10:42:47 AM

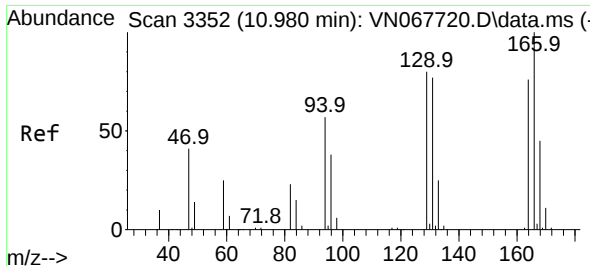


#60
4-Bromofluorobenzene
Concen: 29.153 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



Tgt Ion: 95 Resp: 184809
Ion Ratio Lower Upper
95 100
174 72.0 57.1 85.7
176 69.6 54.6 81.8





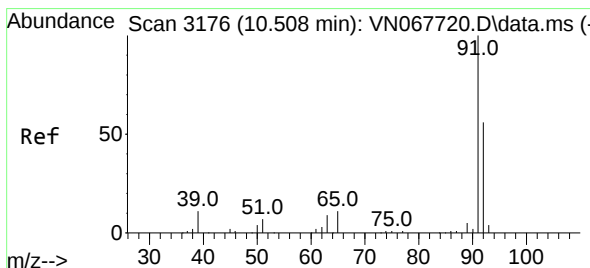
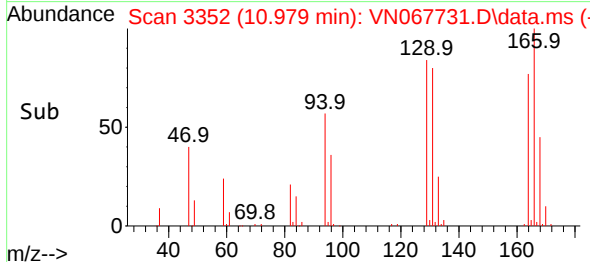
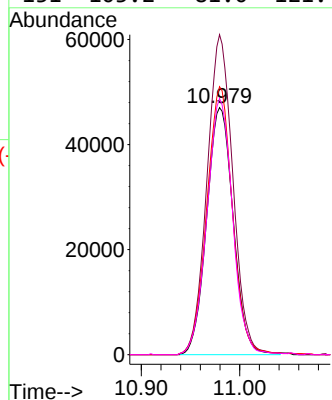
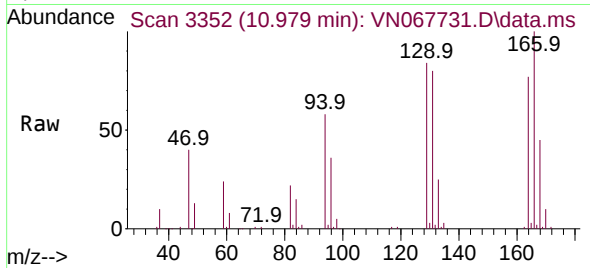
#61
Tetrachloroethene
Concen: 18.352 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion:164	Resp:	87998
Ion	Ratio	Lower Upper
164	100	
166	129.1	105.5 158.3
129	108.0	84.5 126.7
131	103.2	81.0 121.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

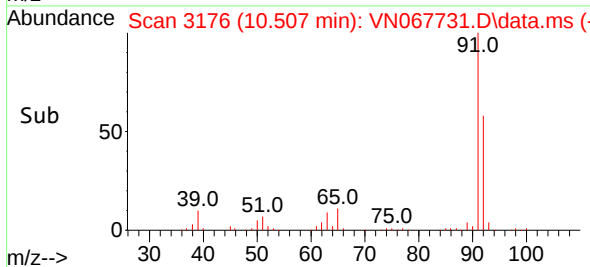
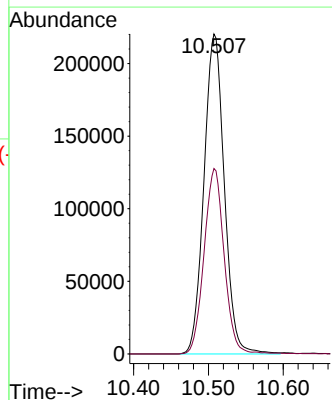
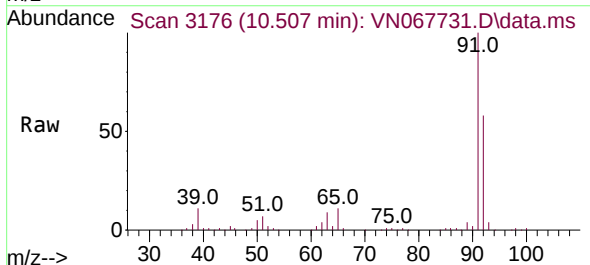
Manual Integrations
APPROVED

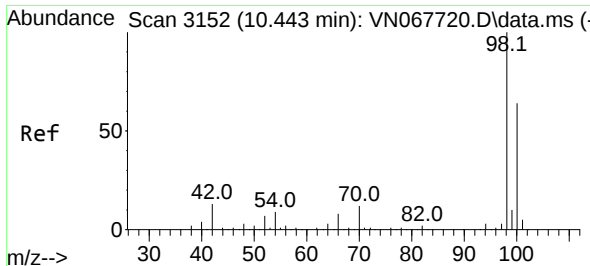
MMDadoda
7/16/2021 10:42:47 AM



#62
Toluene
Concen: 18.178 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 91	Resp:	417354
Ion	Ratio	Lower Upper
91	100	
92	56.9	44.8 67.2





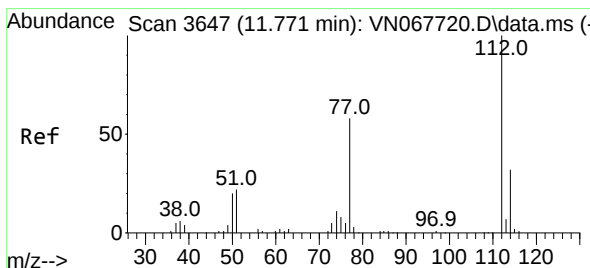
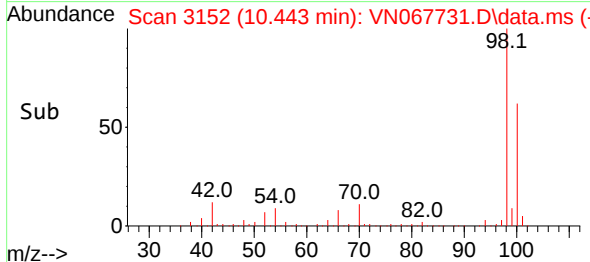
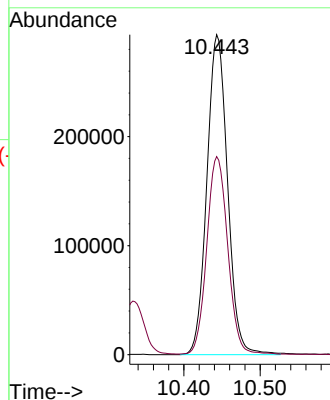
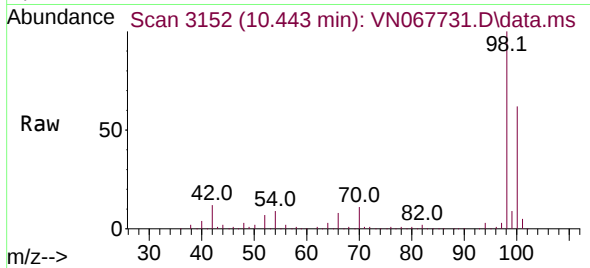
#63
Toluene-d8
Concen: 30.761 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 98 Resp: 552274
Ion Ratio Lower Upper
98 100
100 62.1 51.0 76.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

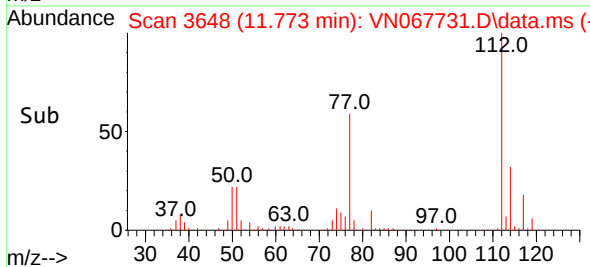
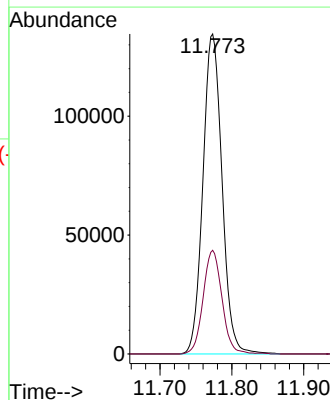
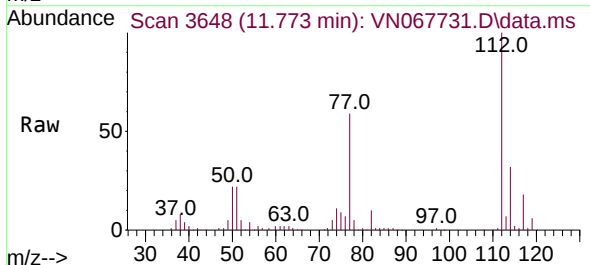
Manual Integrations
APPROVED

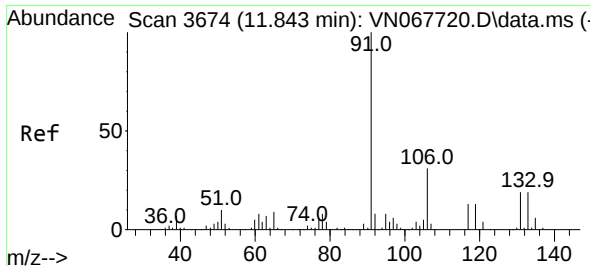
MMDadoda
7/16/2021 10:42:47 AM



#64
Chlorobenzene
Concen: 18.143 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 112 Resp: 249479
Ion Ratio Lower Upper
112 100
114 32.4 25.2 37.8





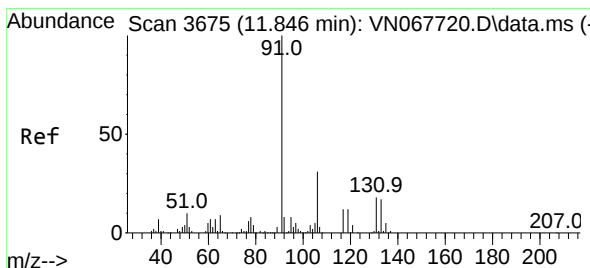
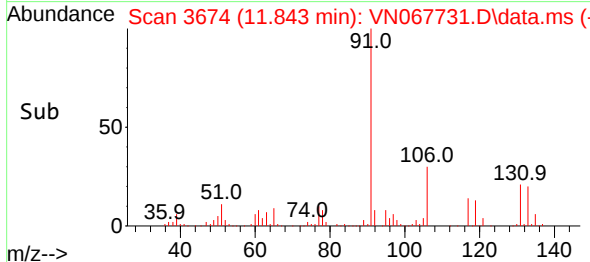
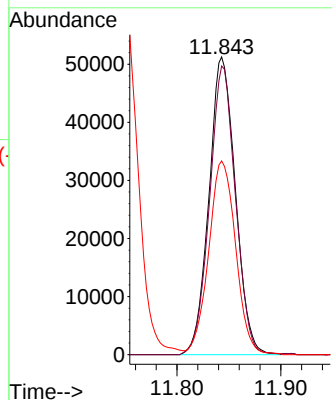
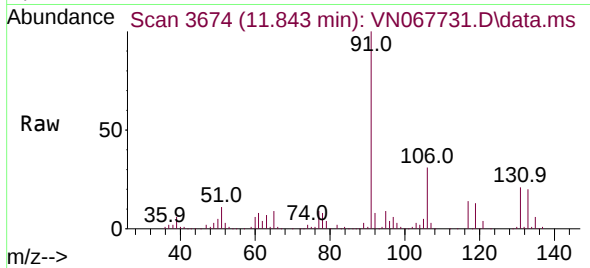
#65
1,1,1,2-Tetrachloroethane
Concen: 17.864 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	0.0	192.6
119	66.6	0.0	133.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

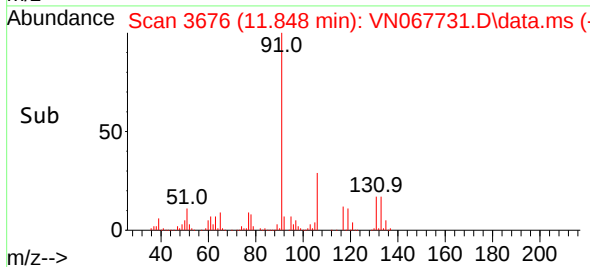
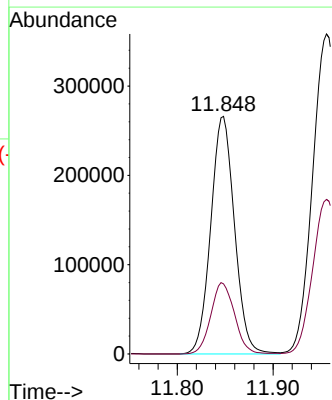
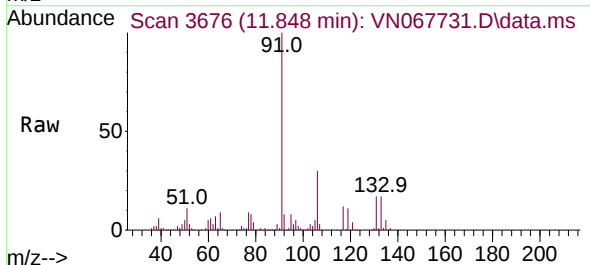
Manual Integrations
APPROVED

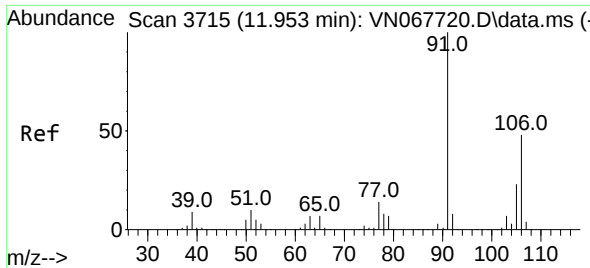
MMDadoda
7/16/2021 10:42:47 AM



#66
Ethyl Benzene
Concen: 18.010 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.6	37.0





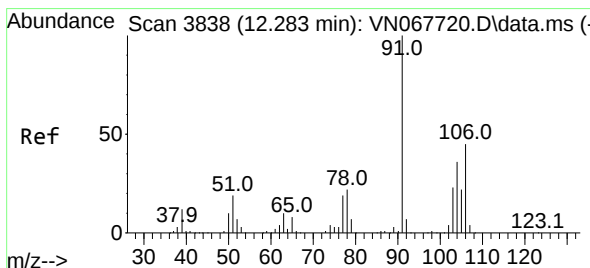
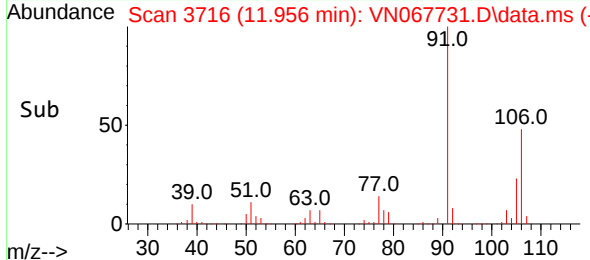
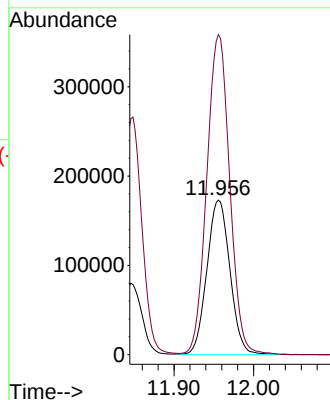
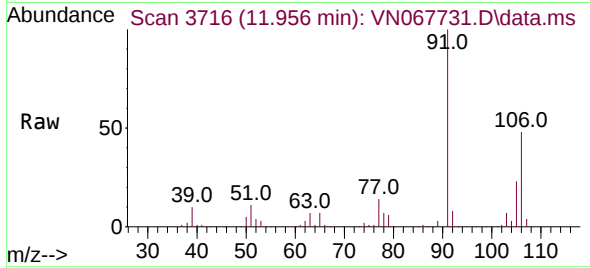
#67
m/p-Xylenes
Concen: 36.036 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion:106 Resp: 349212
Ion Ratio Lower Upper
106 100
91 205.8 166.6 250.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

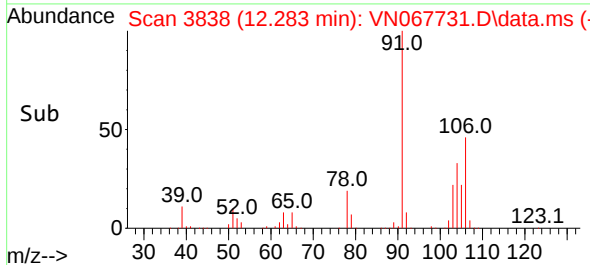
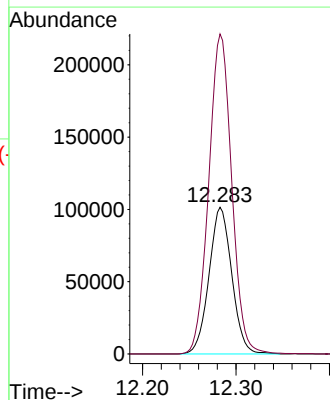
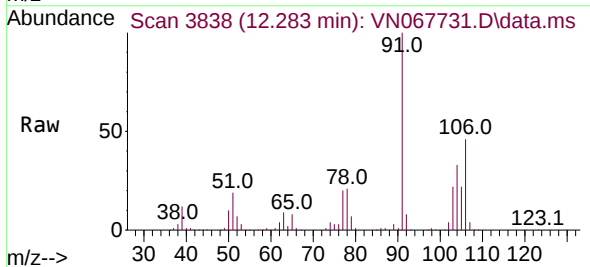
Manual Integrations
APPROVED

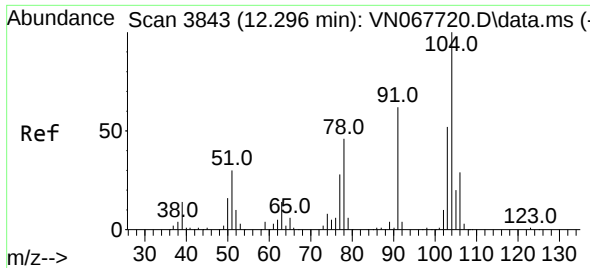
MMDadoda
7/16/2021 10:42:47 AM



#68
o-Xylene
Concen: 17.987 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion:106 Resp: 172064
Ion Ratio Lower Upper
106 100
91 219.9 109.6 328.8





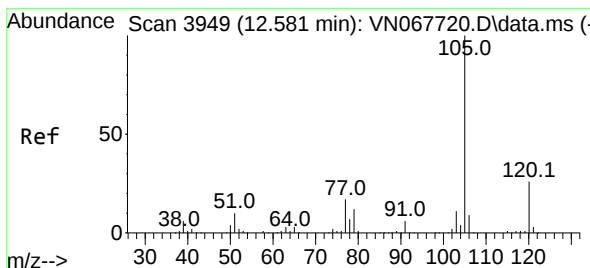
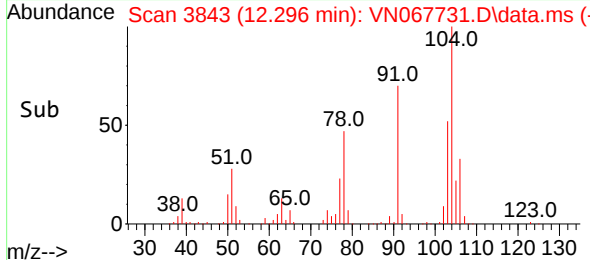
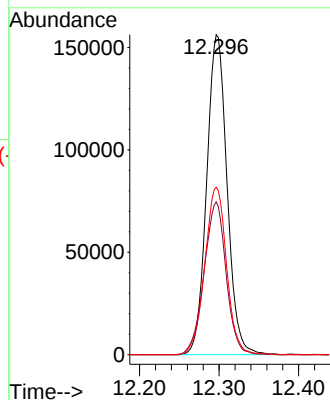
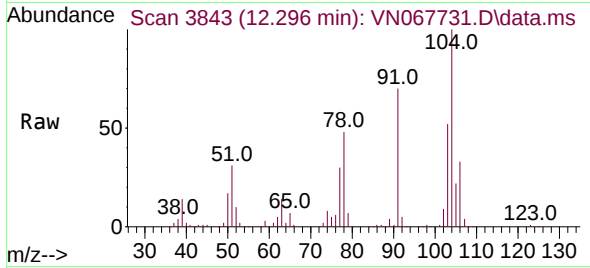
#69
Styrene
Concen: 17.636 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion:104 Resp: 278985
Ion Ratio Lower Upper
104 100
78 51.5 40.8 61.2
103 56.1 44.9 67.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

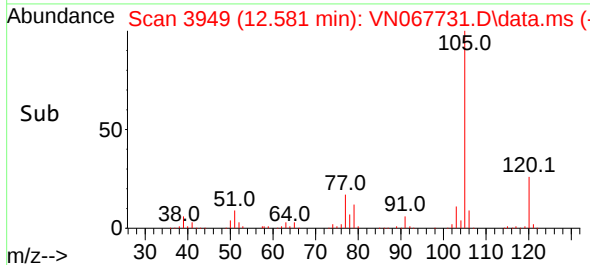
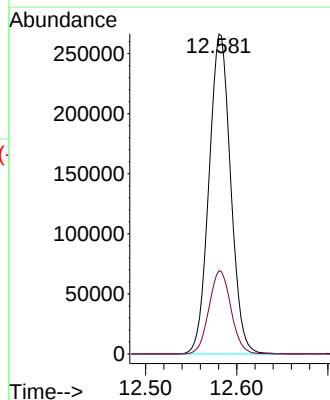
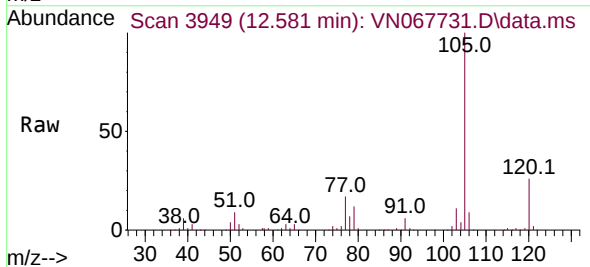
Manual Integrations
APPROVED

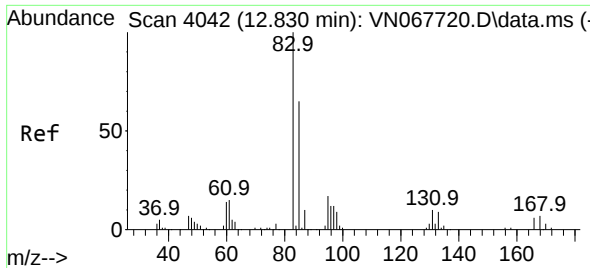
MMDadoda
7/16/2021 10:42:47 AM



#70
Isopropylbenzene
Concen: 17.803 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion:105 Resp: 439502
Ion Ratio Lower Upper
105 100
120 26.4 17.9 33.3





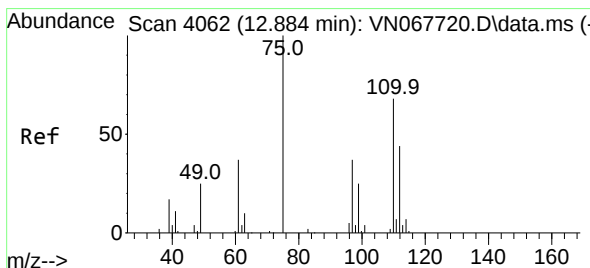
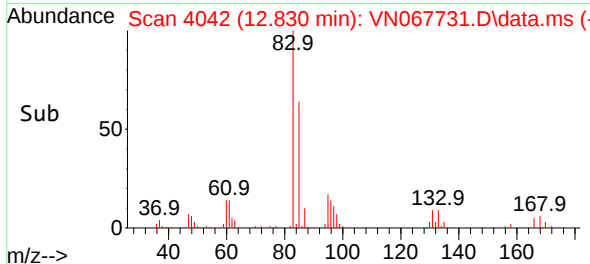
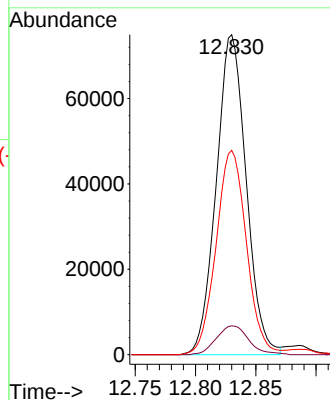
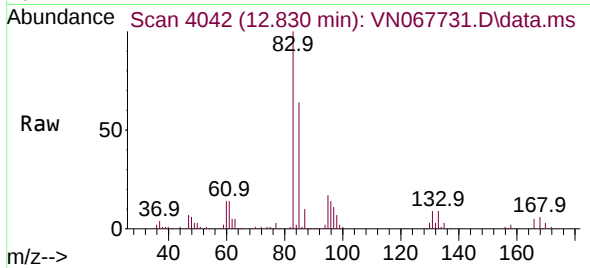
#71
1,1,2,2-Tetrachloroethane
Concen: 18.471 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion: 83 Resp: 129462
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 64.8 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

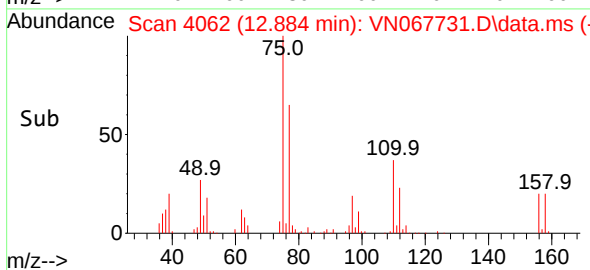
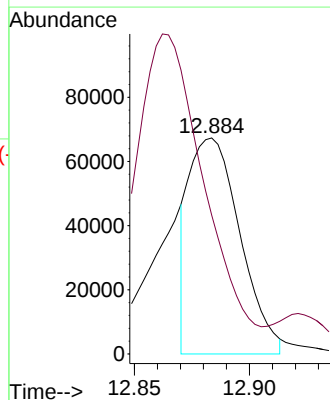
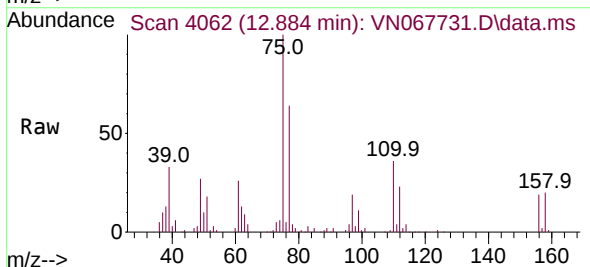
Manual Integrations
APPROVED

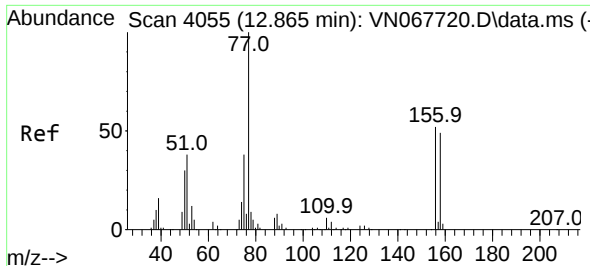
MMDadoda
7/16/2021 10:42:47 AM



#72
1,2,3-Trichloropropane
Concen: 17.810 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

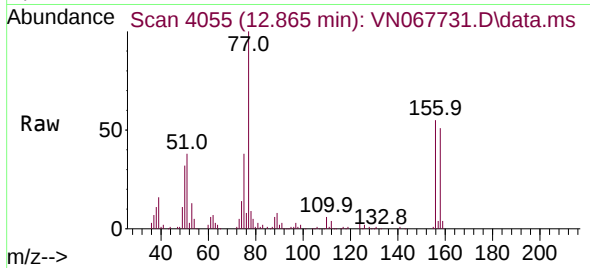
Tgt Ion: 75 Resp: 103774
Ion Ratio Lower Upper
75 100
77 204.3 0.0 365.2





#73
Bromobenzene
Concen: 17.067 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

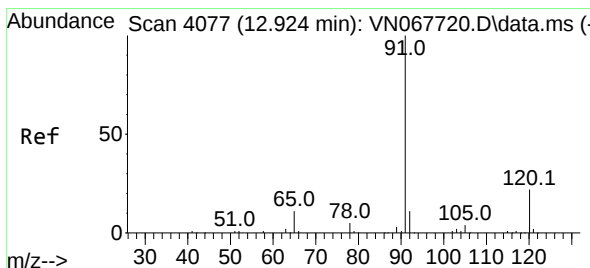
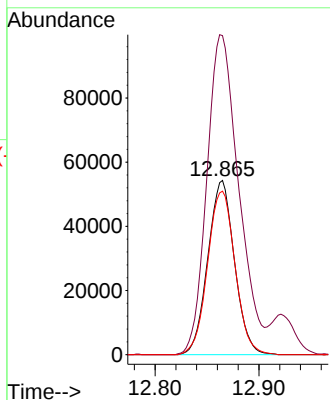
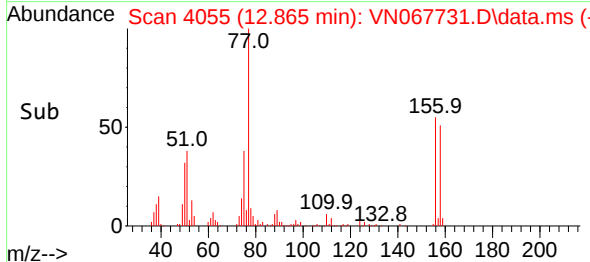
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



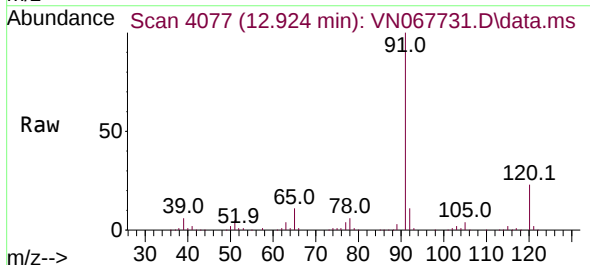
Tgt Ion	Ratio	Lower	Upper
156	100		
77	219.0	0.0	436.4
158	97.0	0.0	191.4

Manual Integrations
APPROVED

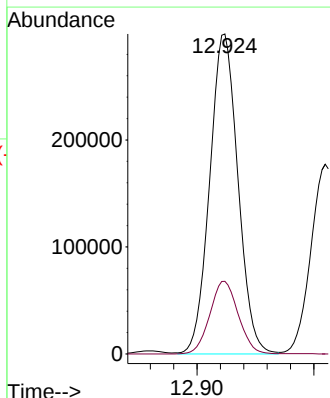
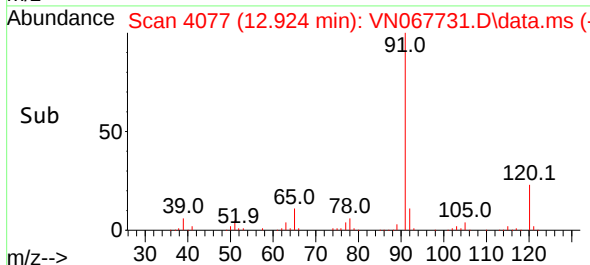
MMDadoda
7/16/2021 10:42:47 AM

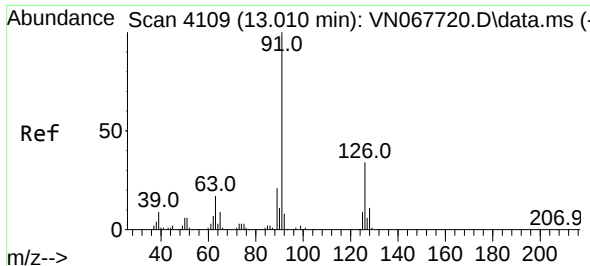


#74
n-propylbenzene
Concen: 17.754 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



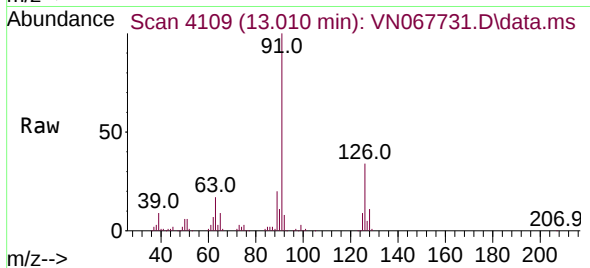
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	0.0	44.2





#75
2-Chlorotoluene
Concen: 18.033 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

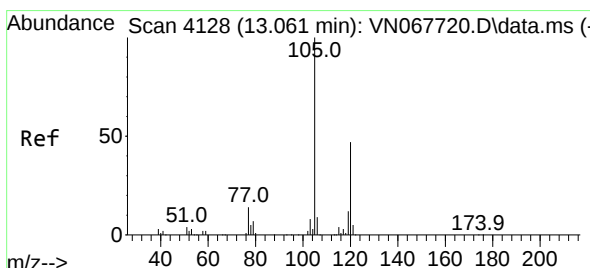
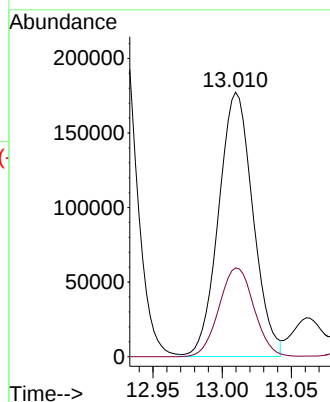
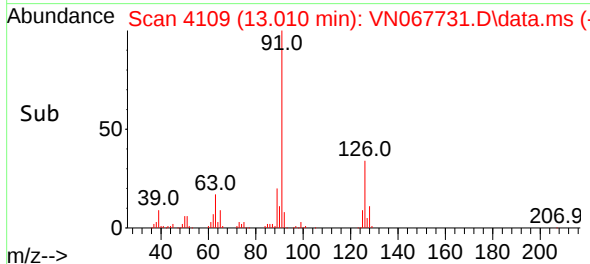
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



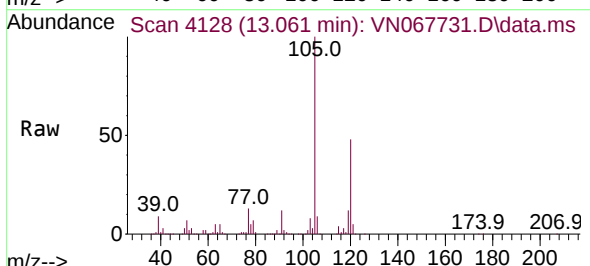
Tgt Ion: 91 Resp: 306168
Ion Ratio Lower Upper
91 100
126 34.2 0.0 66.2

Manual Integrations
APPROVED

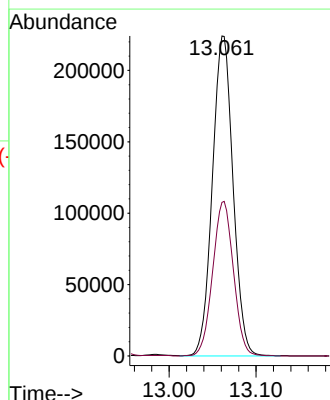
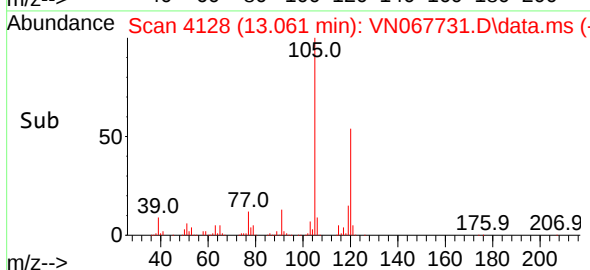
MMDadoda
7/16/2021 10:42:47 AM

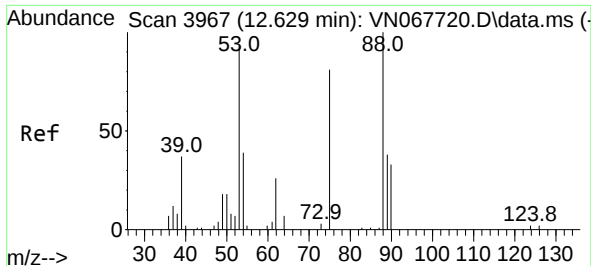


#76
1,3,5-Trimethylbenzene
Concen: 18.198 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



Tgt Ion: 105 Resp: 369859
Ion Ratio Lower Upper
105 100
120 48.5 0.0 96.2





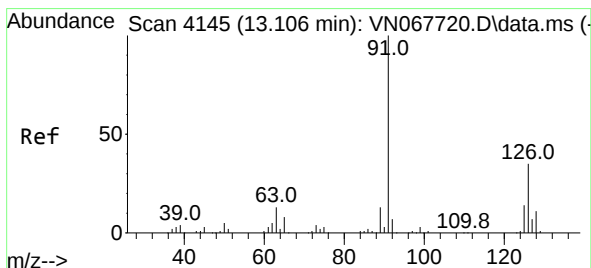
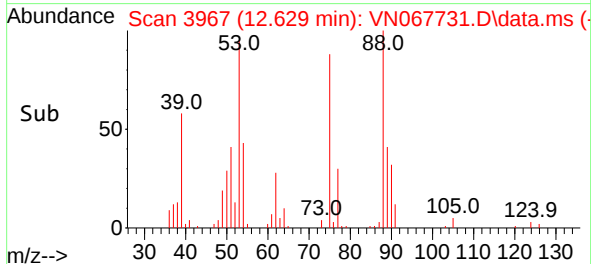
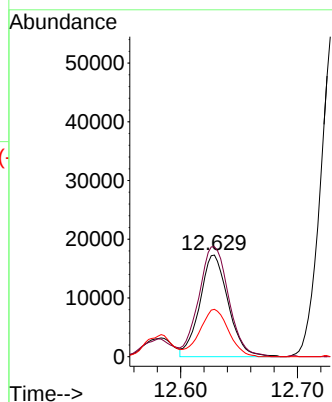
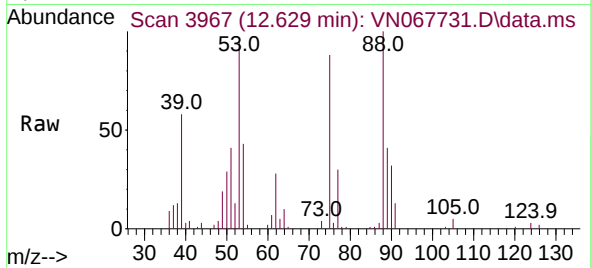
#77
t-1,4-Dichloro-2-butene
Concen: 14.884 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion	Ratio	Lower	Upper
75	100		
53	108.2	57.0	171.0
89	46.7	24.7	74.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

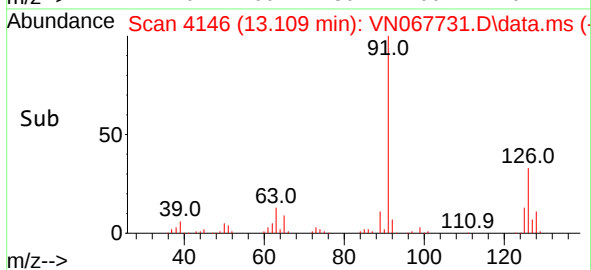
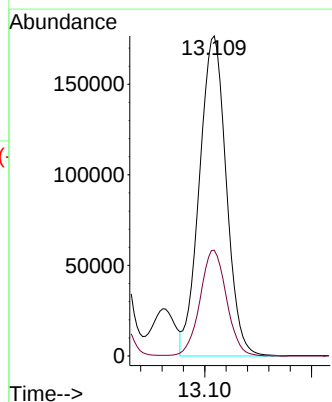
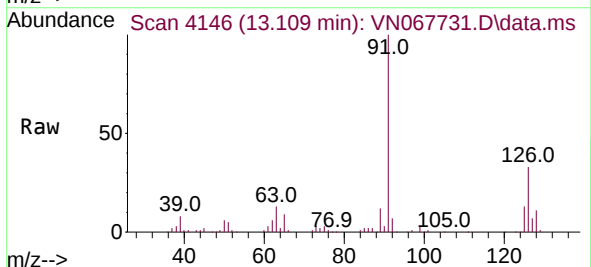
Manual Integrations
APPROVED

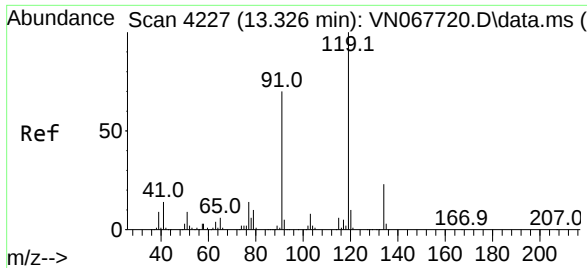
MMDadoda
7/16/2021 10:42:47 AM



#78
4-Chlorotoluene
Concen: 18.223 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

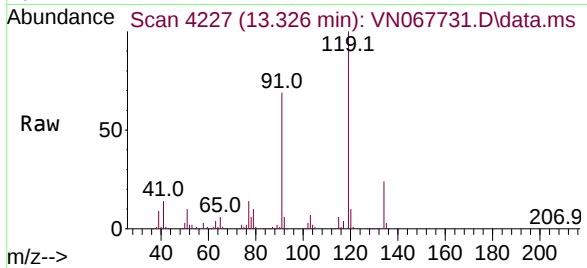
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	66.4





#79
tert-butylbenzene
Concen: 17.662 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

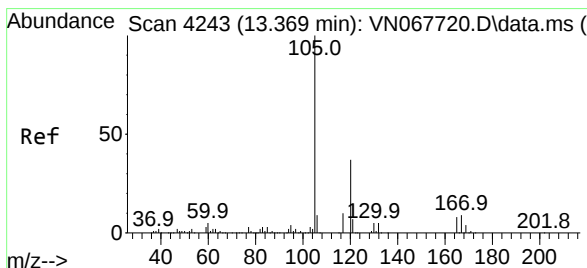
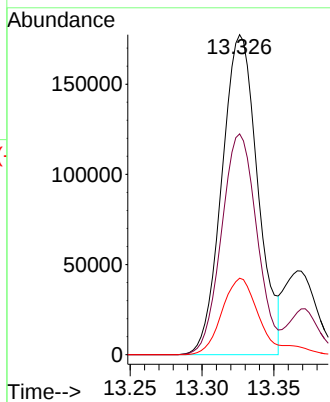
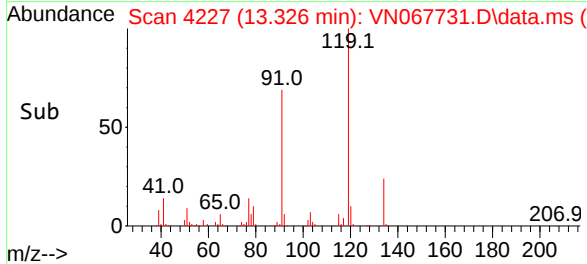
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



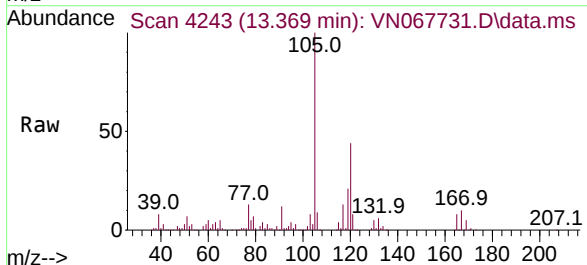
Tgt Ion:119 Resp: 308214
Ion Ratio Lower Upper
119 100
91 68.2 0.0 137.2
134 23.8 0.0 50.2

Manual Integrations
APPROVED

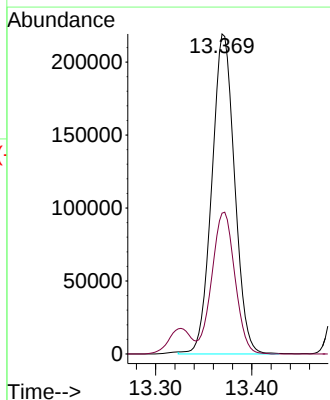
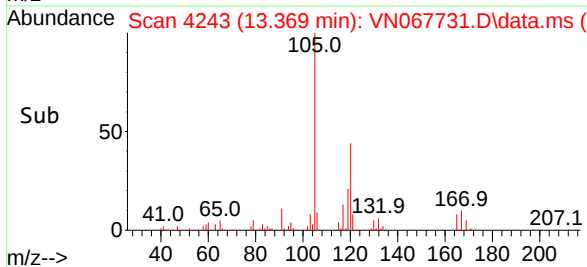
MMDadoda
7/16/2021 10:42:47 AM

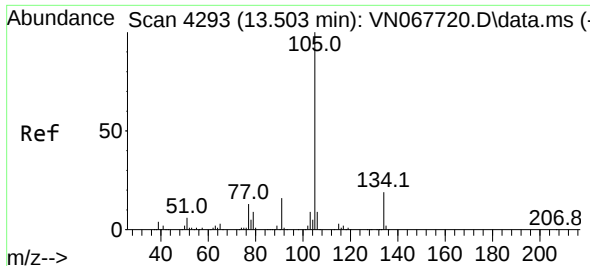


#80
1,2,4-Trimethylbenzene
Concen: 17.856 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



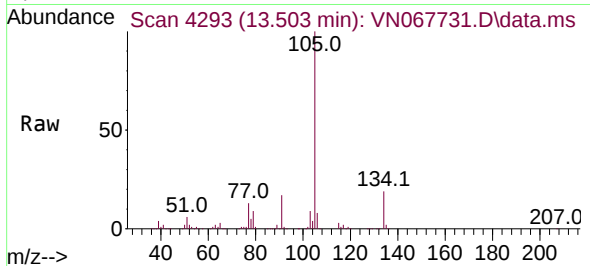
Tgt Ion:105 Resp: 360381
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 17.850 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN067731.D
 Acq: 13 Jul 2021 21:52

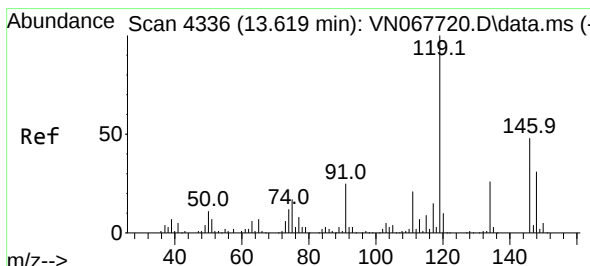
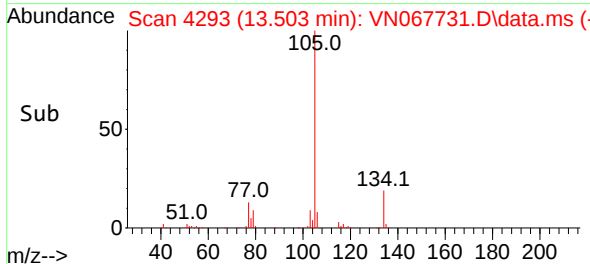
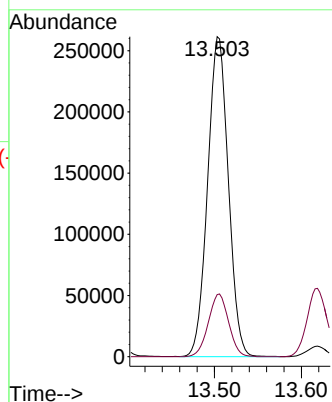
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:105 Resp: 432110
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4

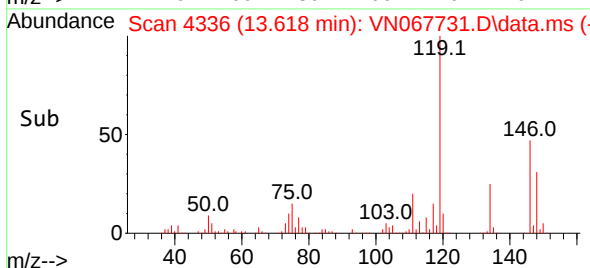
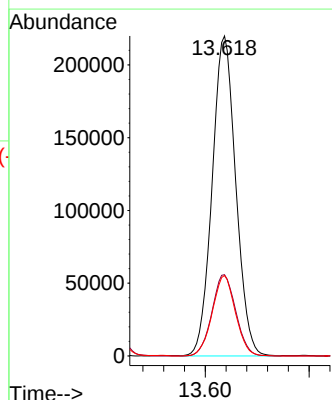
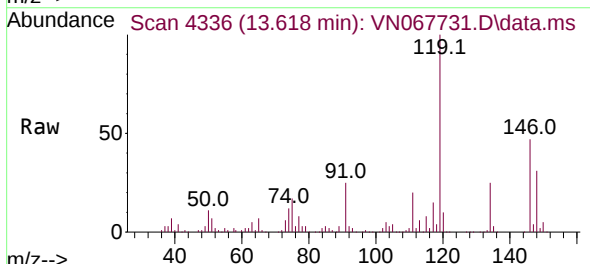
Manual Integrations
 APPROVED

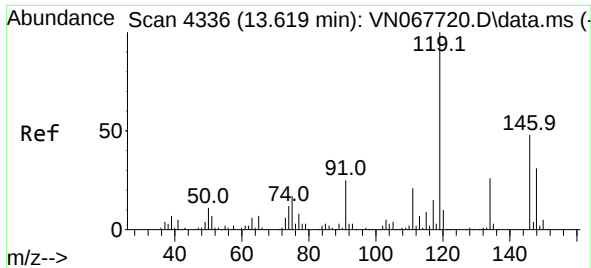
MMDadoda
 7/16/2021 10:42:47 AM



#82
 p-Isopropyltoluene
 Concen: 17.254 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN067731.D
 Acq: 13 Jul 2021 21:52

Tgt Ion:119 Resp: 347628
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.0
 91 24.7 0.0 50.6





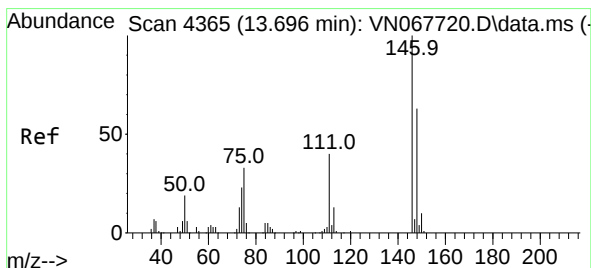
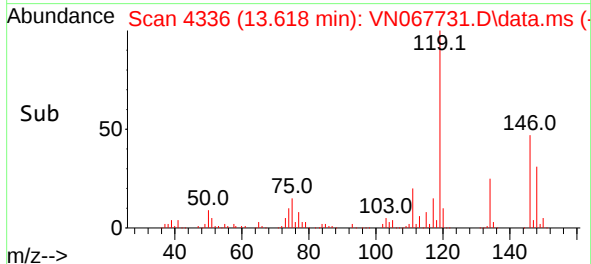
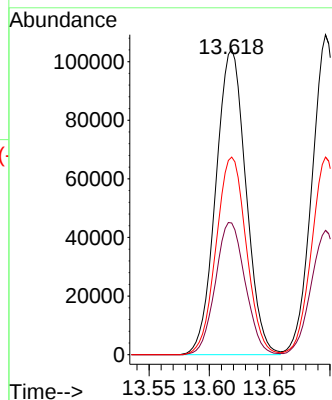
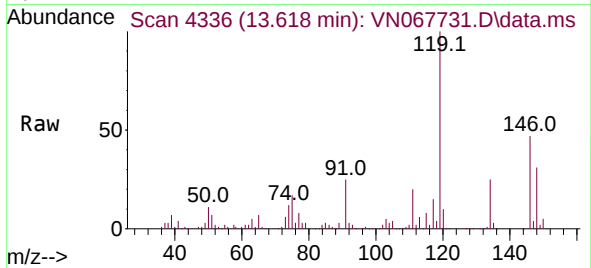
#83
1,3-Dichlorobenzene
Concen: 17.086 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion:146 Resp: 181045
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.1
148 64.9 31.9 95.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

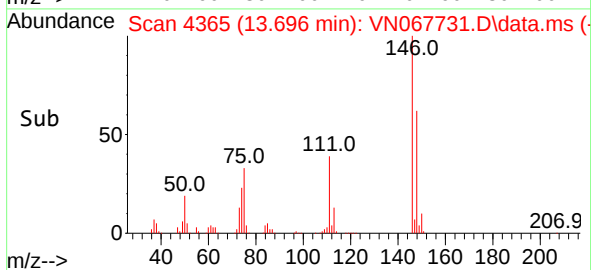
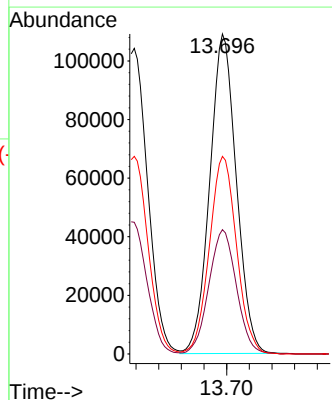
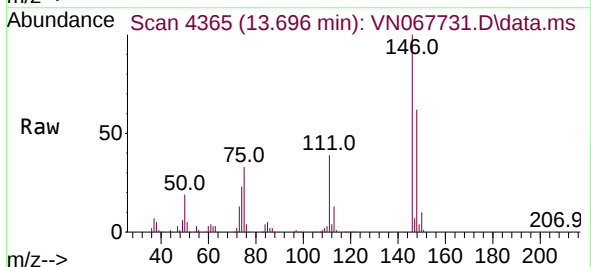
Manual Integrations
APPROVED

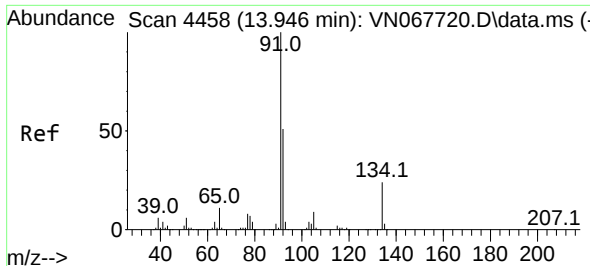
MMDadoda
7/16/2021 10:42:47 AM



#84
1,4-Dichlorobenzene
Concen: 17.214 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

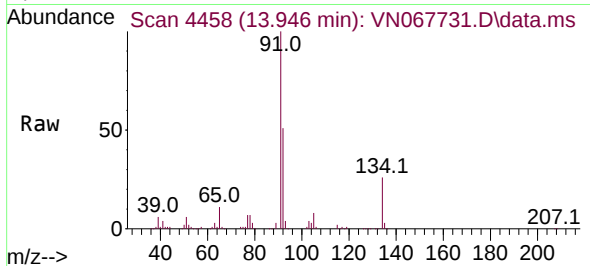
Tgt Ion:146 Resp: 177672
Ion Ratio Lower Upper
146 100
111 40.4 20.0 59.9
148 63.3 31.8 95.3





#85
n-Butylbenzene
Concen: 17.020 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

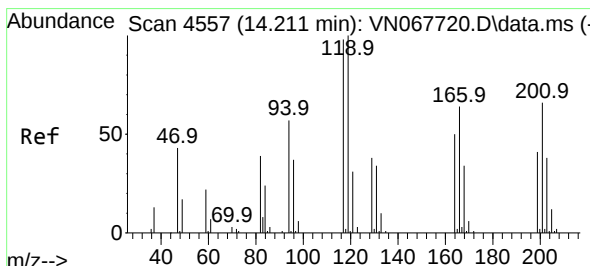
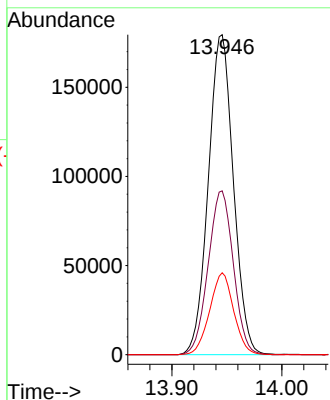
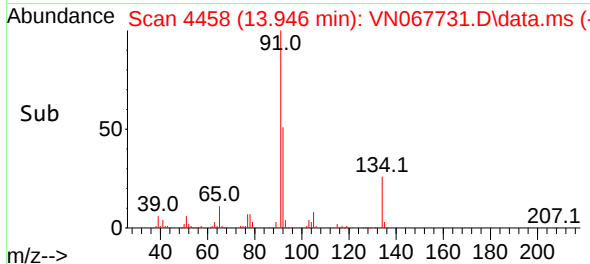
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



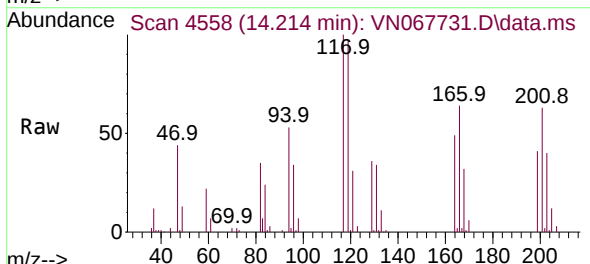
Tgt Ion: 91 Resp: 284500
Ion Ratio Lower Upper
91 100
92 51.3 0.0 102.6
134 24.6 0.0 48.6

Manual Integrations
APPROVED

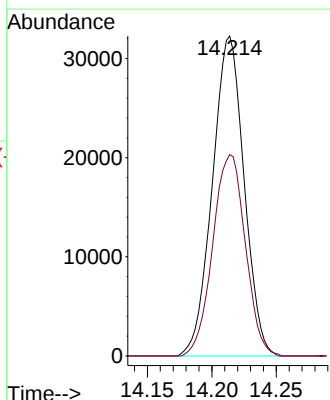
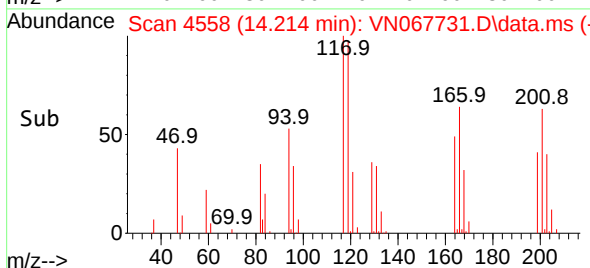
MMDadoda
7/16/2021 10:42:47 AM

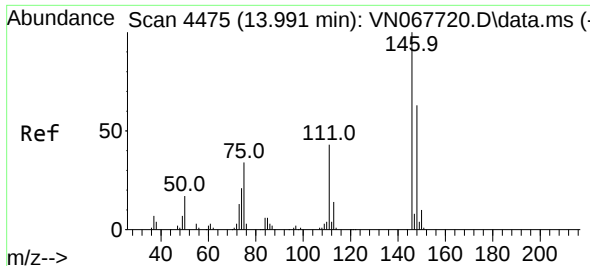


#86
Hexachloroethane
Concen: 16.465 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



Tgt Ion: 117 Resp: 55188
Ion Ratio Lower Upper
117 100
201 64.7 31.8 95.3





#87

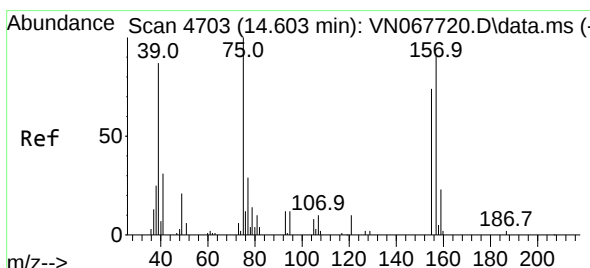
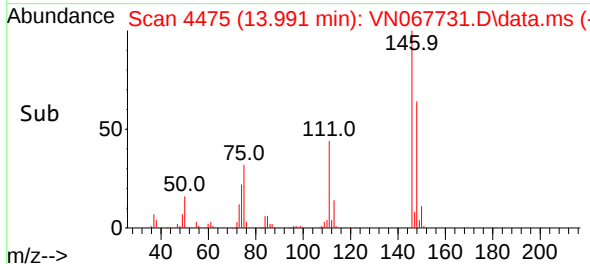
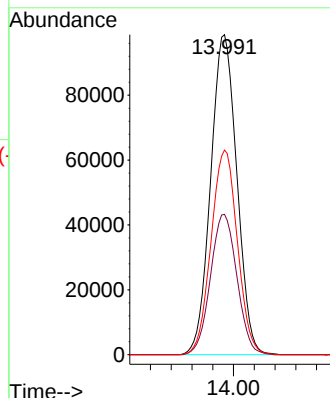
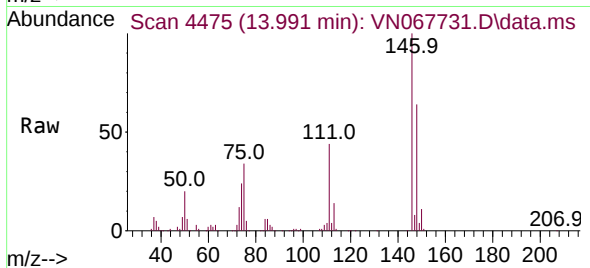
1,2-Dichlorobenzene
Concen: 17.092 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

Tgt Ion:	146	Resp:	172905
Ion Ratio	Lower	Upper	
146	100		
111	44.4	22.0	66.0
148	64.4	31.7	95.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

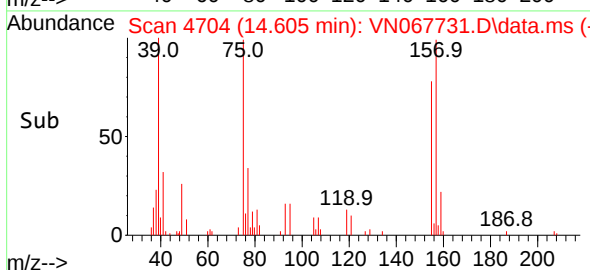
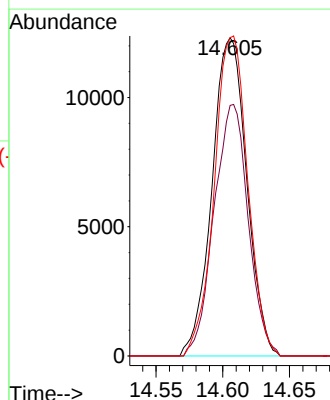
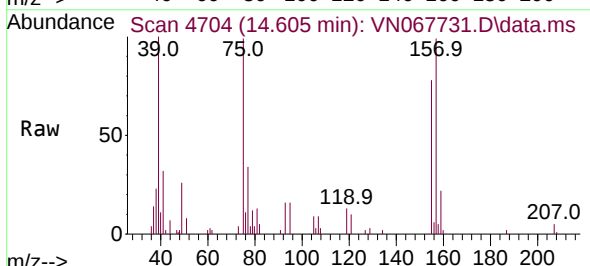
MMDadoda
7/16/2021 10:42:47 AM

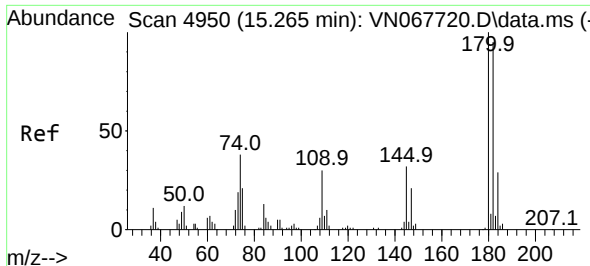


#88

1,2-Dibromo-3-Chloropropane
Concen: 17.761 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

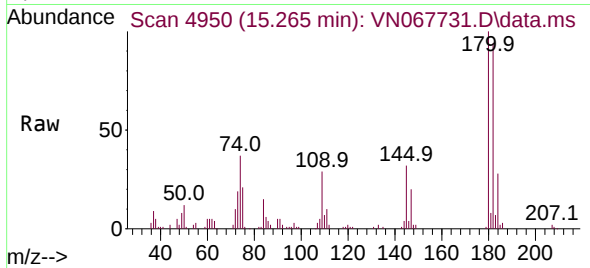
Tgt Ion:	75	Resp:	22272
Ion Ratio	Lower	Upper	
75	100		
155	77.9	59.2	88.8
157	96.8	75.4	113.2





#89
1,2,4-Trichlorobenzene
Concen: 16.266 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

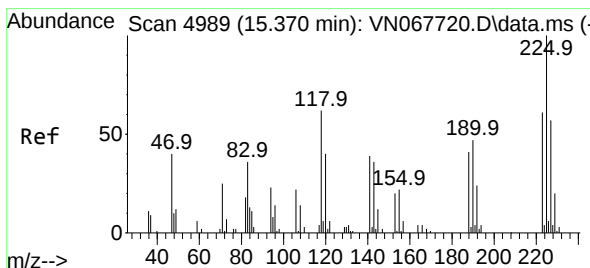
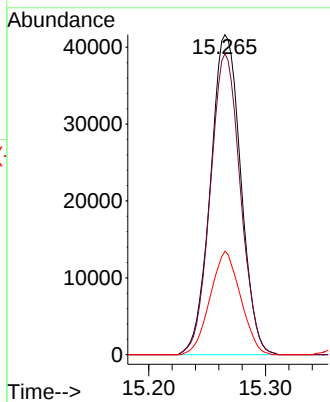
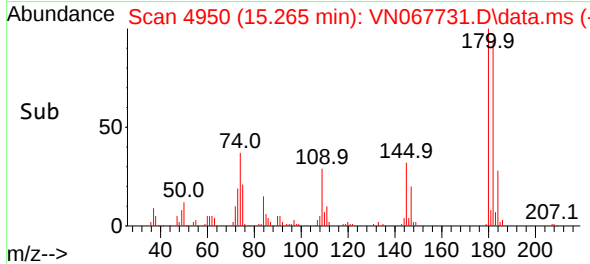
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



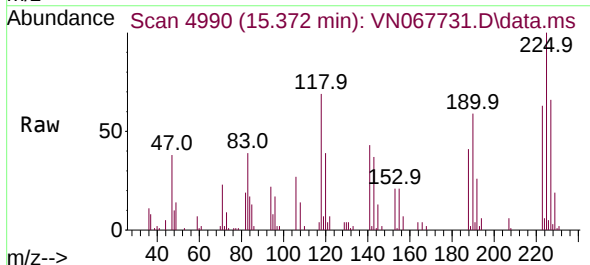
Tgt Ion:180 Resp: 75026
Ion Ratio Lower Upper
180 100
182 93.4 74.5 111.7
145 32.5 25.4 38.0

Manual Integrations
APPROVED

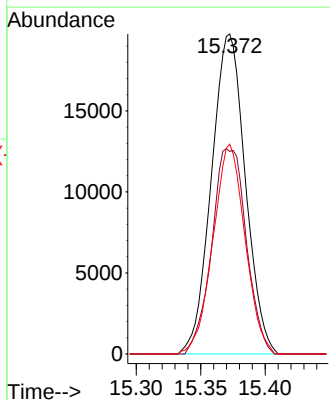
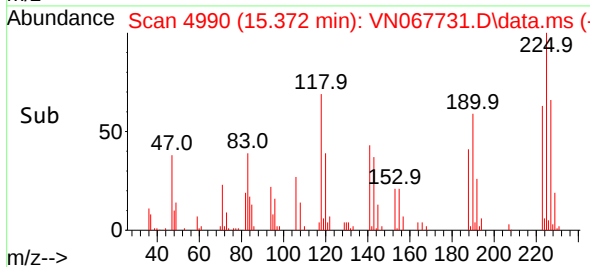
MMDadoda
7/16/2021 10:42:47 AM

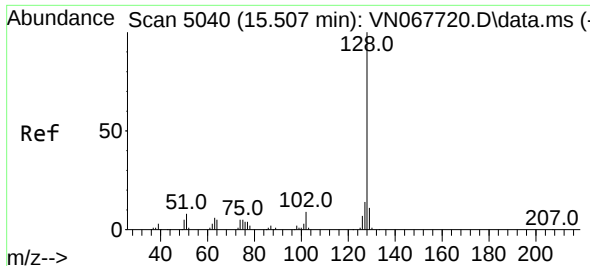


#90
Hexachlorobutadiene
Concen: 16.285 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



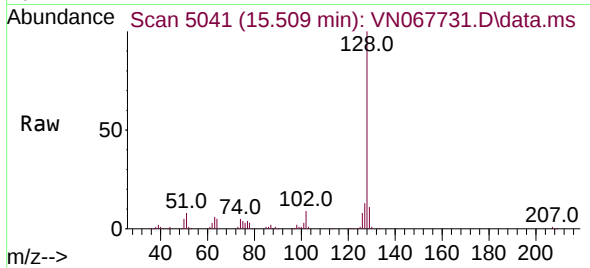
Tgt Ion:225 Resp: 36105
Ion Ratio Lower Upper
225 100
223 65.2 0.0 124.6
227 62.1 0.0 115.6





#91
Naphthalene
Concen: 16.930 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52

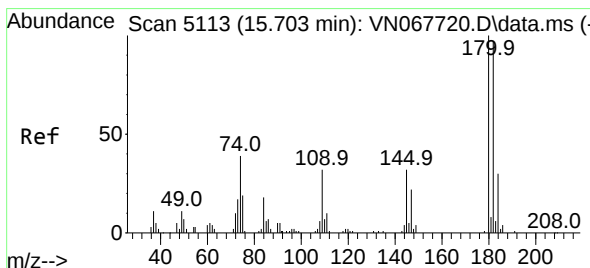
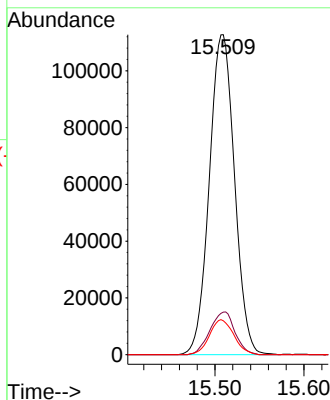
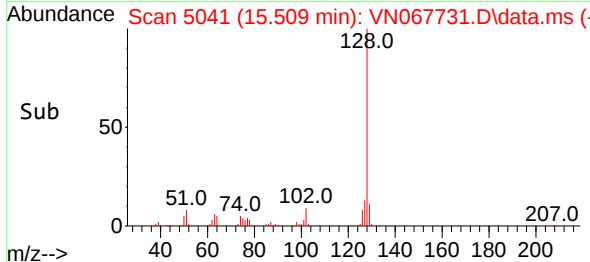
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



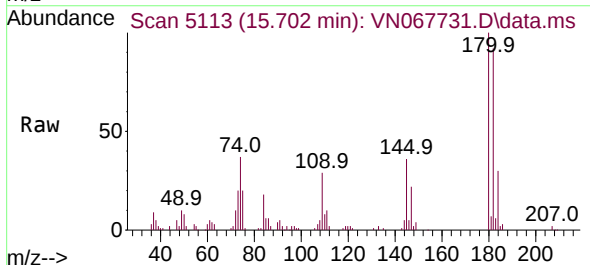
Tgt Ion:128 Resp: 221850
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 10.6 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
7/16/2021 10:42:47 AM



#92
1,2,3-Trichlorobenzene
Concen: 16.578 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN067731.D
Acq: 13 Jul 2021 21:52



Tgt Ion:180 Resp: 73260
Ion Ratio Lower Upper
180 100
182 92.1 0.0 190.8
145 34.9 0.0 68.2

