

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068408.D
 Acq On : 3 Sep 2021 15:38
 Operator : JC/MD
 Sample : VN0903WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Manual Integrations
 APPROVED

MMDadoda

9/7/2021 4:39:16 PM

Quant Time: Sep 04 03:11:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	113874	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	583729	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.746	117	525248	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	213112	31.567	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.233%	
60) 4-Bromofluorobenzene	12.733	95	230154	30.942	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.133%	
63) Toluene-d8	10.443	98	715471	30.588	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.967%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.078	85	105925	18.371	ug/l	99
3) Chloromethane	2.309	50	95571	18.320	ug/l	99
4) Vinyl Chloride	2.448	62	143555	18.467	ug/l	96
5) Bromomethane	2.850	94	145889	20.467	ug/l	94
6) Chloroethane	3.019	64	105302m	18.988	ug/l	
7) Trichlorofluoromethane	3.379	101	192195	18.076	ug/l	98
8) Diethyl Ether	3.832	74	63442	18.784	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.221	101	108428	17.936	ug/l	82
10) 1,1-Dichloroethene	4.191	96	98735	17.383	ug/l	# 78
11) Methyl Iodide	4.433	142	149332	16.342	ug/l	85
12) Methyl Acetate	4.859	43	107156	18.744	ug/l	# 81
13) Acrolein	4.049	56	42633	83.201	ug/l	97
14) Acrylonitrile	5.554	53	216313	93.308	ug/l	100
15) Acetone	4.288	58	62290	91.418	ug/l	72
16) Carbon Disulfide	4.537	76	257819	17.370	ug/l	98
17) Allyl chloride	4.851	41	127456	18.319	ug/l	91
18) Methylene Chloride	5.103	84	116582	18.753	ug/l	# 82
19) trans-1,2-Dichloroethene	5.602	96	110890	17.514	ug/l	# 75
20) Diisopropyl ether	6.498	45	286615	18.849	ug/l	# 93
21) 1,1-Dichloroethane	6.393	63	185580	18.455	ug/l	94
22) cis-1,2-Dichloroethene	7.326	96	129515	17.604	ug/l	# 80
23) tert-Butyl Alcohol	5.366	59	104369	122.657	ug/l	# 100
24) Methyl tert-Butyl Ether	5.615	73	343128	18.593	ug/l	# 88
25) Chloroform	7.820	83	212775	18.015	ug/l	99
26) Cyclohexane	8.099	56	158902	18.039	ug/l	# 79
29) 1,1-Dichloropropene	8.225	75	151186	18.054	ug/l	91
30) 2-Butanone	7.335	43	284930	95.100	ug/l	# 88
31) 2,2-Dichloropropane	7.329	77	169350	17.758	ug/l	92
32) 1,1,1-Trichloroethane	8.018	97	198088	18.010	ug/l	92
33) Carbon Tetrachloride	8.209	117	177612	17.478	ug/l	98
34) Benzene	8.461	78	451655	18.247	ug/l	# 94
35) Methacrylonitrile	7.638	41	59104	20.193	ug/l	84
36) 1,2-Dichloroethane	8.531	62	157025	18.946	ug/l	# 93
37) Trichloroethene	9.217	130	141573	17.893	ug/l	# 73
38) Methylcyclohexane	9.461	83	192028	17.664	ug/l	86
39) 1,2-Dichloropropane	9.491	63	105909	18.048	ug/l	99
40) Dibromomethane	9.579	93	87451	18.832	ug/l	76
41) Bromodichloromethane	9.764	83	165531	18.450	ug/l	# 99
42) Vinyl Acetate	6.433	43	1072596	94.655	ug/l	# 91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068408.D
 Acq On : 3 Sep 2021 15:38
 Operator : JC/MD
 Sample : VN0903WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Manual Integrations
 APPROVED

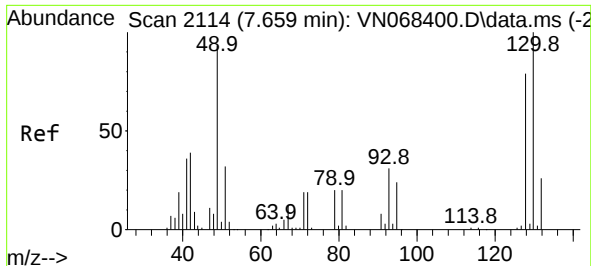
MMDadoda

9/7/2021 4:39:16 PM

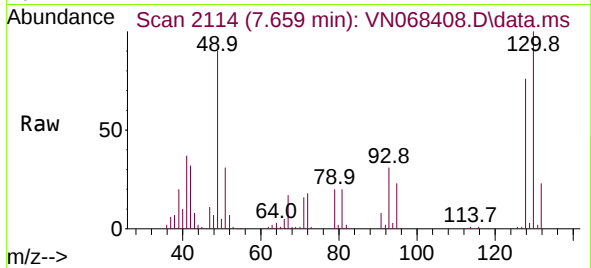
Quant Time: Sep 04 03:11:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	116106	19.488	ug/l #	71
44) Isopropyl Acetate	8.560	43	205329	18.970	ug/l	91
45) 1,4-Dioxane	9.571	88	39566	408.943	ug/l	86
46) Methyl methacrylate	9.561	41	84267	18.414	ug/l	82
47) n-amyl Acetate	12.387	43	136473	18.429	ug/l #	90
48) t-1,3-Dichloropropene	10.719	75	162302	18.382	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	176401	18.114	ug/l #	85
50) 1,1,2-Trichloroethane	10.902	97	121533	18.552	ug/l	96
51) Ethyl methacrylate	10.762	69	154480	18.341	ug/l	84
52) 1,3-Dichloropropane	11.046	76	188304	19.038	ug/l	100
53) Dibromochloromethane	11.239	129	141401	17.911	ug/l	98
54) 1,2-Dibromoethane	11.347	107	127680	18.647	ug/l	99
55) 2-Chloroethyl vinyl ether	10.041	63	62371	101.929	ug/l #	93
56) Bromoform	12.460	173	105735	17.502	ug/l #	99
58) 4-Methyl-2-Pentanone	10.330	43	599691	98.115	ug/l #	89
59) 2-Hexanone	11.087	43	412106	97.156	ug/l	89
61) Tetrachloroethene	10.979	164	142506	17.548	ug/l	91
62) Toluene	10.507	91	531079	18.427	ug/l	99
64) Chlorobenzene	11.773	112	340947	18.350	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.843	131	135485	18.212	ug/l	99
66) Ethyl Benzene	11.846	91	562578	18.135	ug/l	93
67) m/p-Xylenes	11.956	106	463597	36.446	ug/l	78
68) o-Xylene	12.283	106	223760	18.161	ug/l	78
69) Styrene	12.296	104	349818	17.984	ug/l #	90
70) Isopropylbenzene	12.580	105	577827	18.209	ug/l	94
71) 1,1,2,2-Tetrachloroethane	12.830	83	156981	19.343	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	131874m	19.822	ug/l	
73) Bromobenzene	12.862	156	156736	17.847	ug/l	52
74) n-propylbenzene	12.924	91	625808	18.257	ug/l	89
75) 2-Chlorotoluene	13.010	91	375712	18.469	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.061	105	481309	18.332	ug/l	91
77) t-1,4-Dichloro-2-butene	12.629	75	36375	18.034	ug/l	85
78) 4-Chlorotoluene	13.106	91	369091	18.505	ug/l	82
79) tert-butylbenzene	13.326	119	435851	18.158	ug/l	81
80) 1,2,4-Trimethylbenzene	13.369	105	468796m	18.383	ug/l	
81) sec-Butylbenzene	13.503	105	579193	17.975	ug/l	90
82) p-Isopropyltoluene	13.618	119	492234	17.751	ug/l	89
83) 1,3-Dichlorobenzene	13.618	146	277624	17.902	ug/l	91
84) 1,4-Dichlorobenzene	13.696	146	267798	17.911	ug/l	92
85) n-Butylbenzene	13.946	91	350762	16.965	ug/l	94
86) Hexachloroethane	14.211	117	80006	17.056	ug/l	73
87) 1,2-Dichlorobenzene	13.991	146	266112	18.052	ug/l	91
88) 1,2-Dibromo-3-Chloropr...	14.603	75	26363	18.769	ug/l #	33
89) 1,2,4-Trichlorobenzene	15.265	180	124165	15.681	ug/l	96
90) Hexachlorobutadiene	15.372	225	80910	17.387	ug/l	94
91) Naphthalene	15.509	128	263389	15.736	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	117596	15.614	ug/l	95

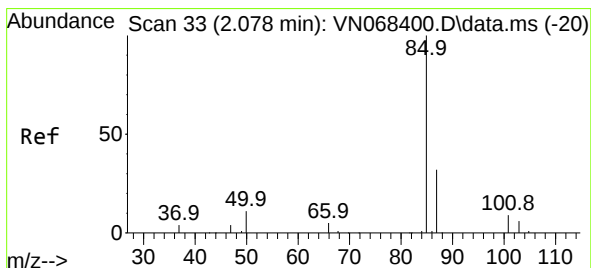
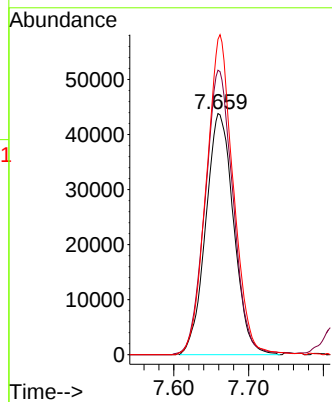
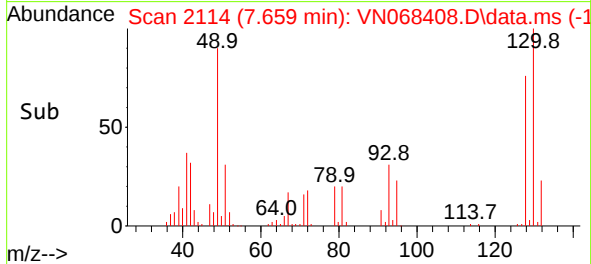
(#) = qualifier out of range (m) = manual integration (+) = signals summed



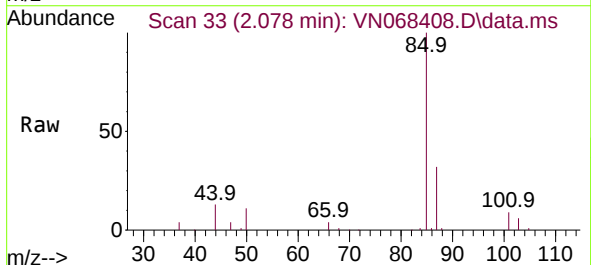
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



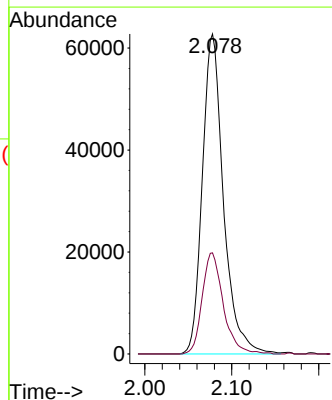
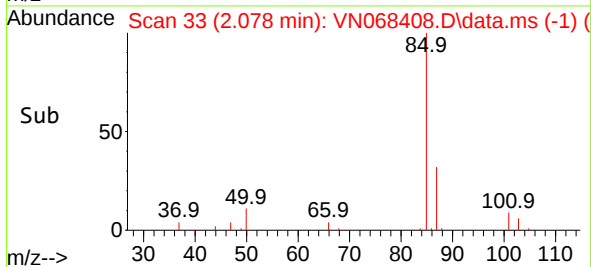
Tgt Ion:128 Resp: 113874
Ion Ratio Lower Upper
128 100
49 117.9 0.0 517.5
130 128.0 0.0 325.8



#2
Dichlorodifluoromethane
Concen: 18.371 ug/l
RT: 2.078 min Scan# 33
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion: 85 Resp: 105925
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0

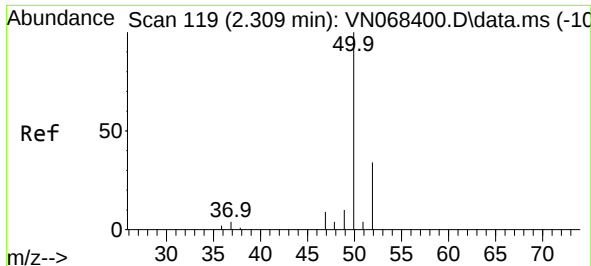


Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

MMDadoda

9/7/2021 4:39:16 PM



#3
Chloromethane
Concen: 18.320 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

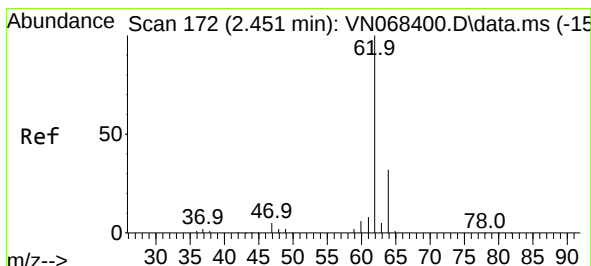
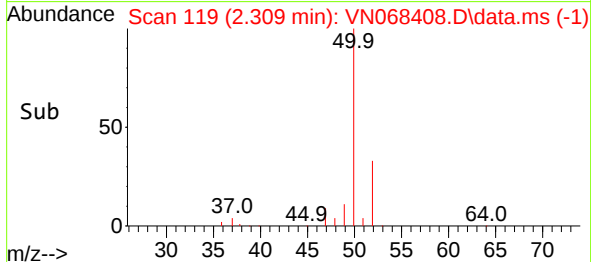
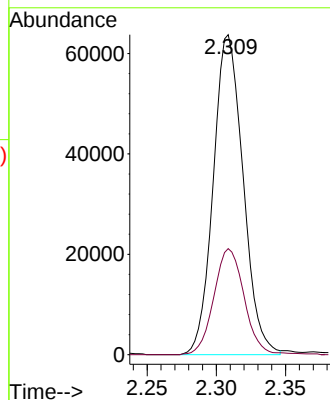
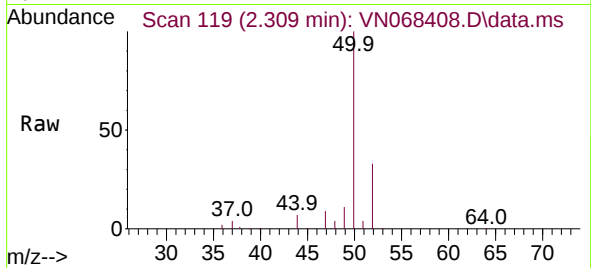
Tgt Ion: 50 Resp: 95571
Ion Ratio Lower Upper
50 100
52 33.1 26.0 39.0

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

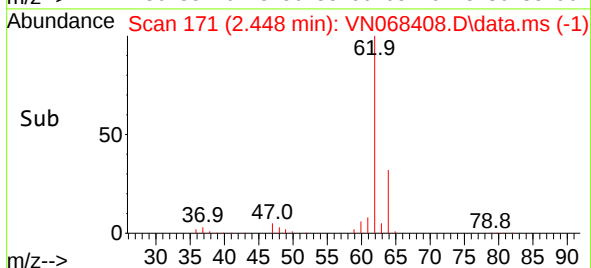
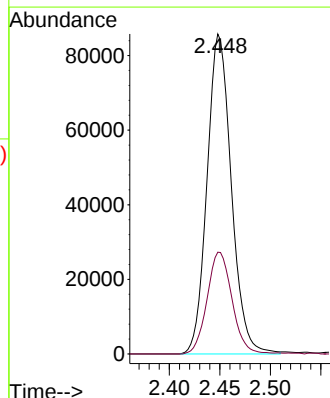
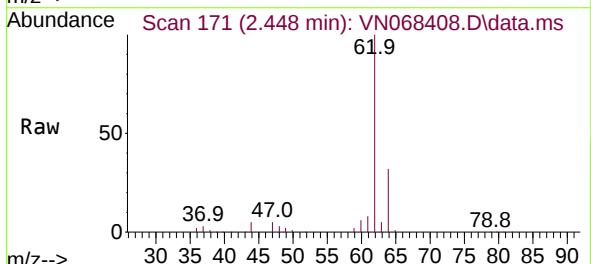
MMDadoda

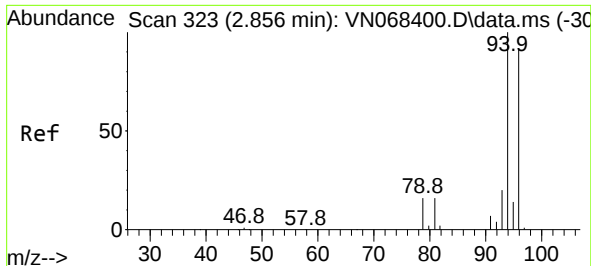
9/7/2021 4:39:16 PM



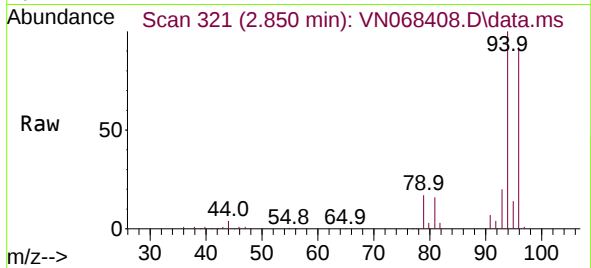
#4
Vinyl Chloride
Concen: 18.467 ug/l
RT: 2.448 min Scan# 171
Delta R.T. -0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 62 Resp: 143555
Ion Ratio Lower Upper
62 100
64 31.8 23.7 35.5

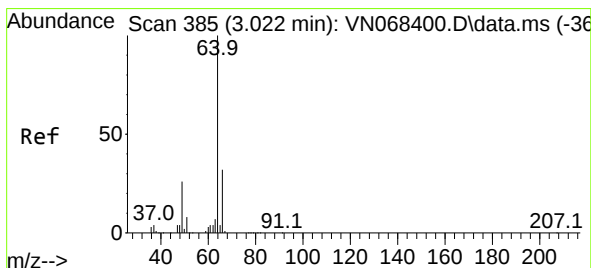
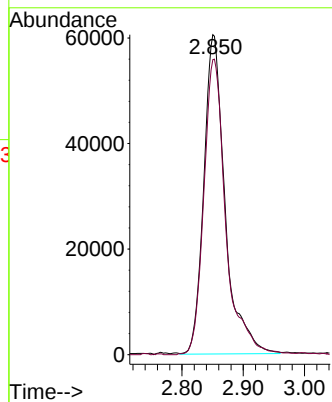
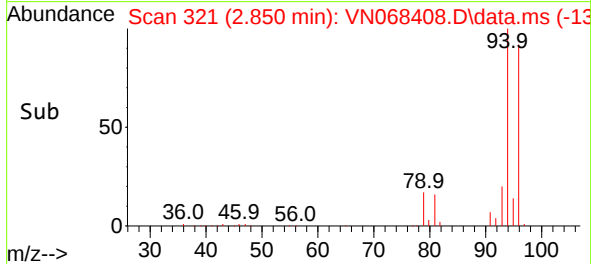




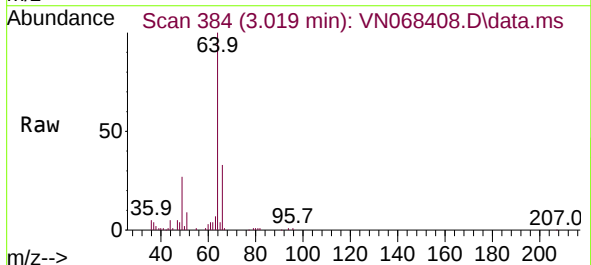
#5
Bromomethane
Concen: 20.467 ug/l
RT: 2.850 min Scan# 321
Delta R.T. -0.005 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



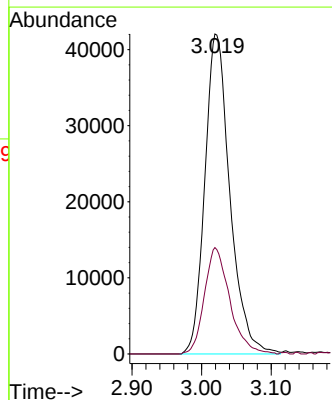
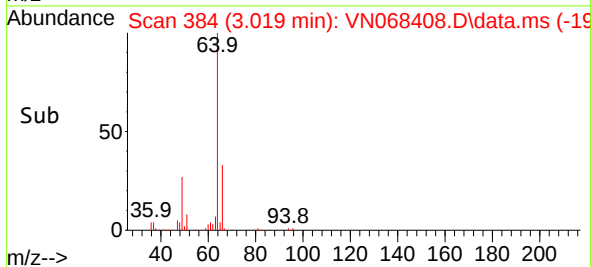
Tgt Ion: 94 Resp: 145889
Ion Ratio Lower Upper
94 100
96 92.3 69.4 104.2



#6
Chloroethane
Concen: 18.988 ug/l m
RT: 3.019 min Scan# 384
Delta R.T. -0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion: 64 Resp: 105302
Ion Ratio Lower Upper
64 100
66 33.3 21.5 32.3#

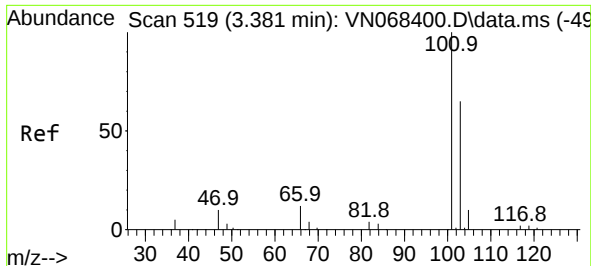


Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

MMDadoda

9/7/2021 4:39:16 PM



#7
 Trichlorofluoromethane
 Concen: 18.076 ug/l
 RT: 3.379 min Scan# 518
 Delta R.T. -0.003 min
 Lab File: VN068408.D
 Acq: 3 Sep 2021 15:38

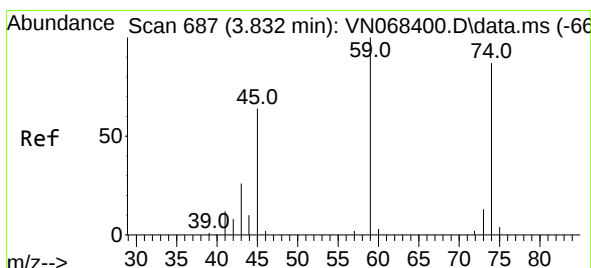
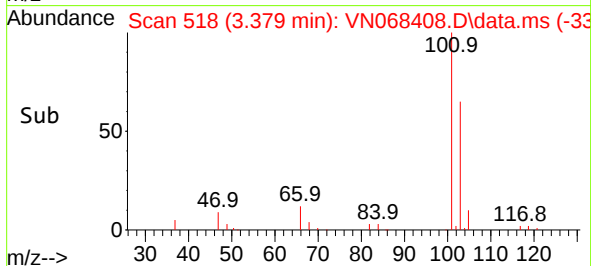
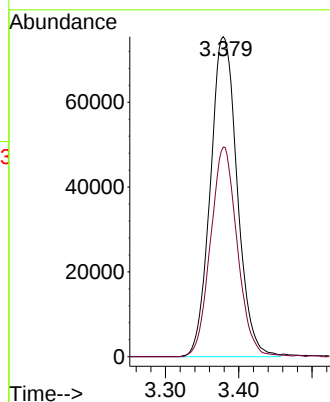
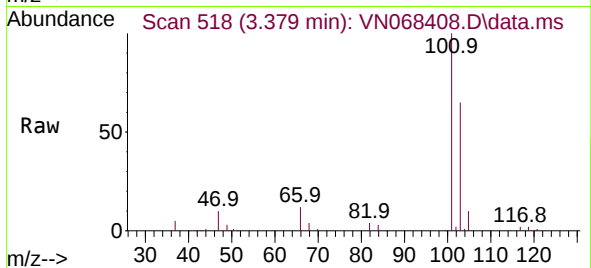
Tgt Ion:101 Resp: 192195
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.7 80.5

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Manual Integrations
 APPROVED

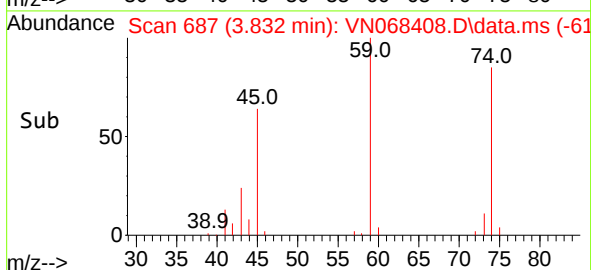
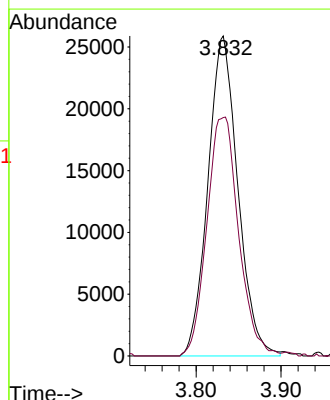
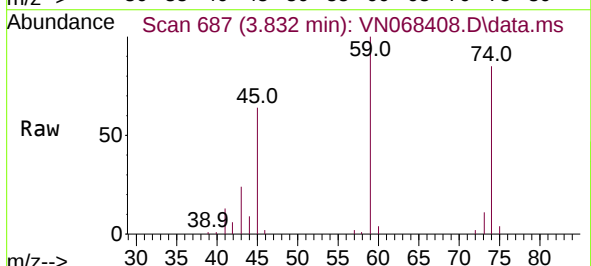
MMDadoda

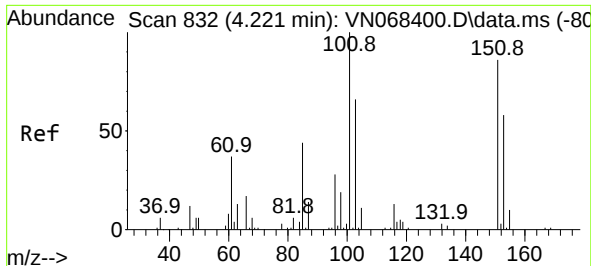
9/7/2021 4:39:16 PM



#8
 Diethyl Ether
 Concen: 18.784 ug/l
 RT: 3.832 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VN068408.D
 Acq: 3 Sep 2021 15:38

Tgt Ion: 74 Resp: 63442
 Ion Ratio Lower Upper
 74 100
 45 78.7 20.3 182.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.936 ug/l
RT: 4.221 min Scan# 832
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

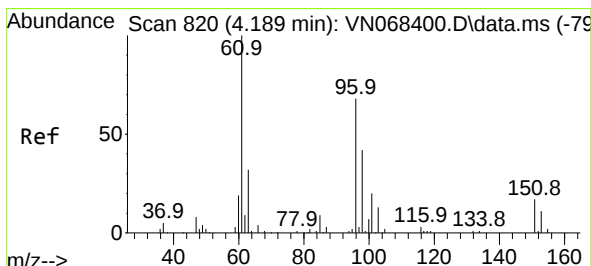
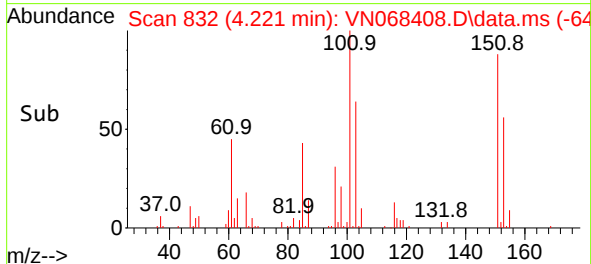
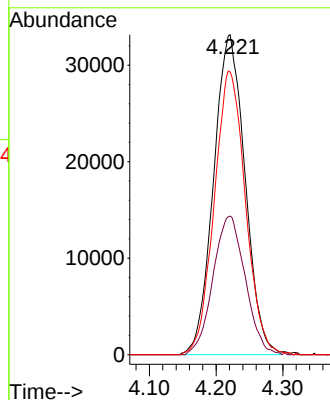
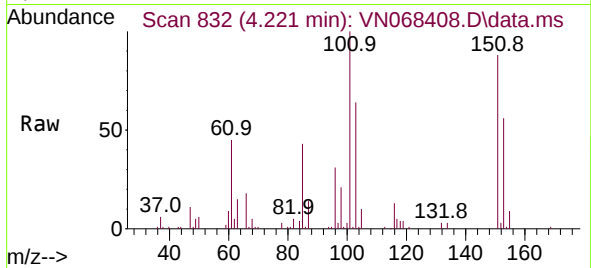
Tgt Ion: 101 Resp: 108428
Ion Ratio Lower Upper
101 100
85 44.3 0.0 97.8
151 88.0 0.0 135.0

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

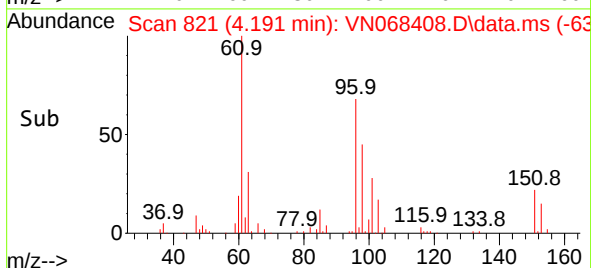
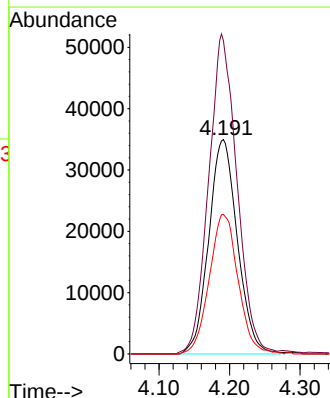
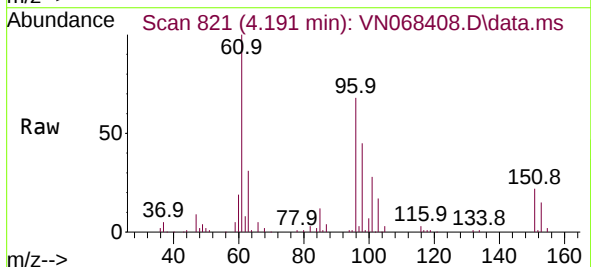
MMDadoda

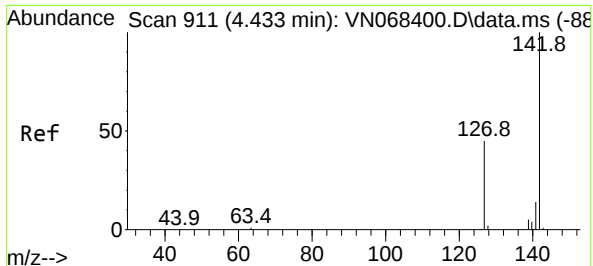
9/7/2021 4:39:16 PM



#10
1,1-Dichloroethene
Concen: 17.383 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

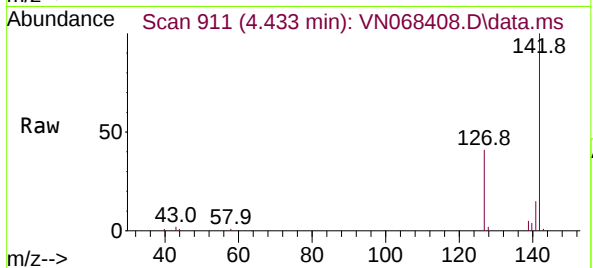
Tgt Ion: 96 Resp: 98735
Ion Ratio Lower Upper
96 100
61 145.1 148.3 222.5#
98 65.0 48.6 73.0





#11
Methyl Iodide
Concen: 16.342 ug/l
RT: 4.433 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

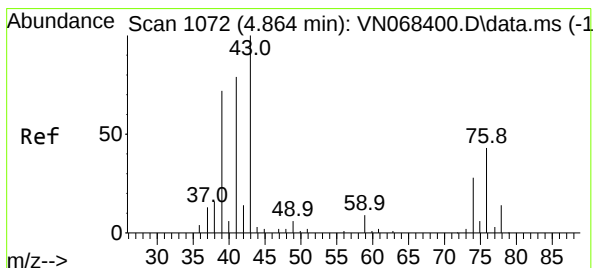
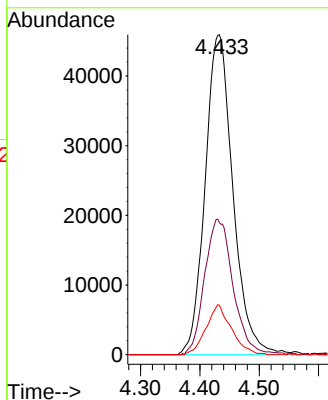
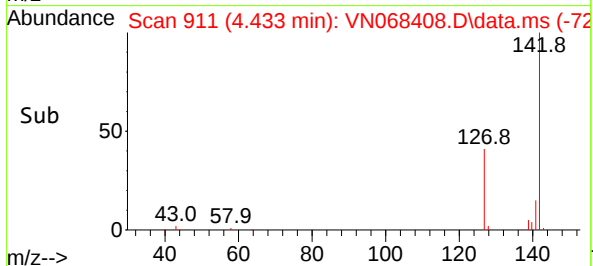


Tgt Ion:142 Resp: 149332
Ion Ratio Lower Upper
142 100
127 41.2 27.2 81.5
141 15.6 6.9 20.7

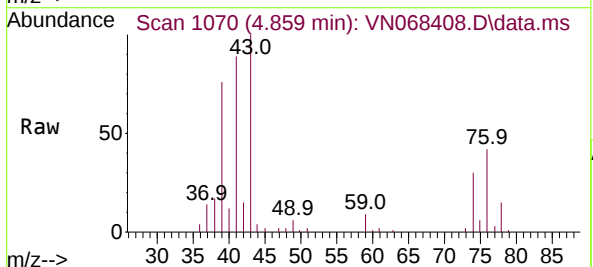
Manual Integrations
APPROVED

MMDadoda

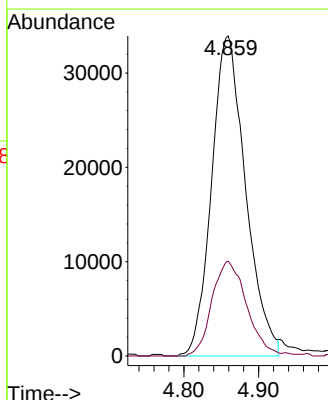
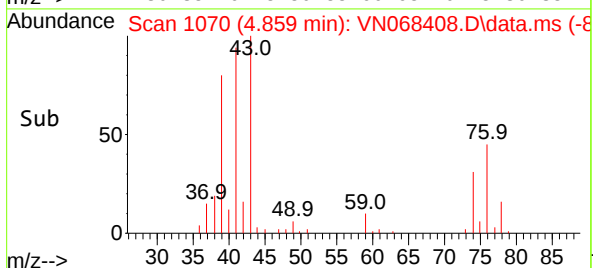
9/7/2021 4:39:16 PM

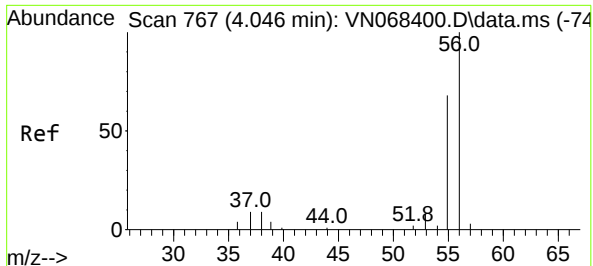


#12
Methyl Acetate
Concen: 18.744 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. -0.005 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



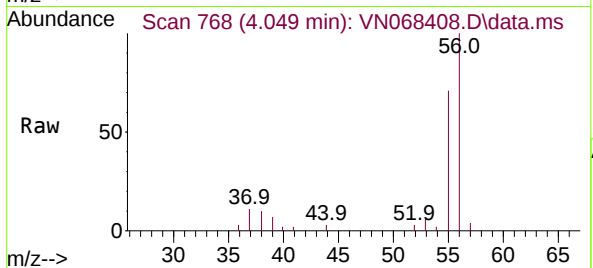
Tgt Ion: 43 Resp: 107156
Ion Ratio Lower Upper
43 100
74 29.8 16.6 25.0#





#13
Acrolein
Concen: 83.201 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

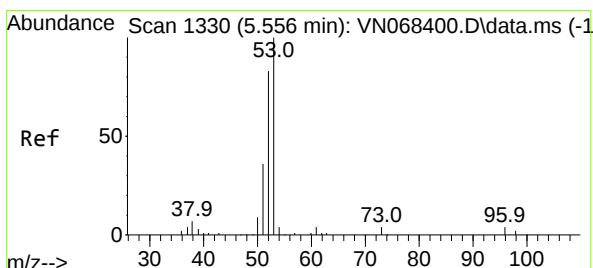
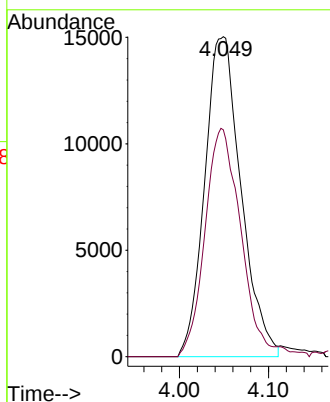
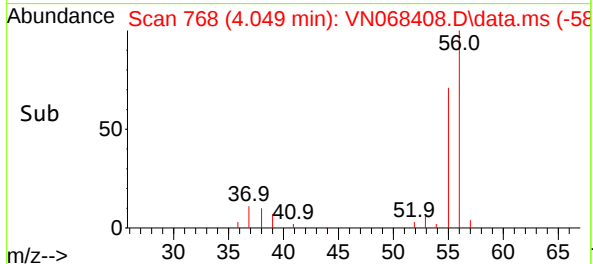


Tgt Ion: 56 Resp: 42633
Ion Ratio Lower Upper
56 100
55 69.4 57.5 86.3

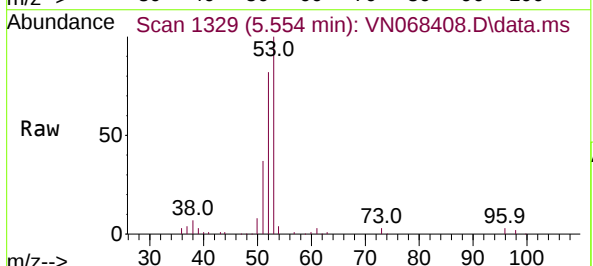
Manual Integrations
APPROVED

MMDadoda

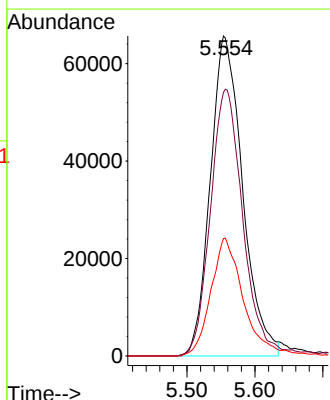
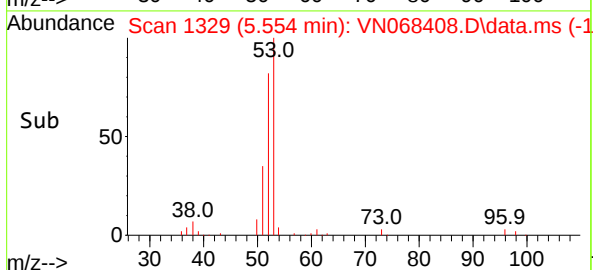
9/7/2021 4:39:16 PM

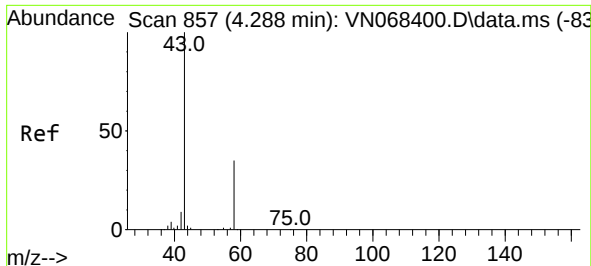


#14
Acrylonitrile
Concen: 93.308 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion: 53 Resp: 216313
Ion Ratio Lower Upper
53 100
52 83.3 41.8 125.4
51 36.5 18.1 54.3





#15
Acetone
Concen: 91.418 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

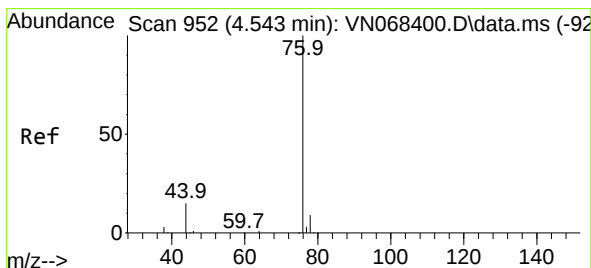
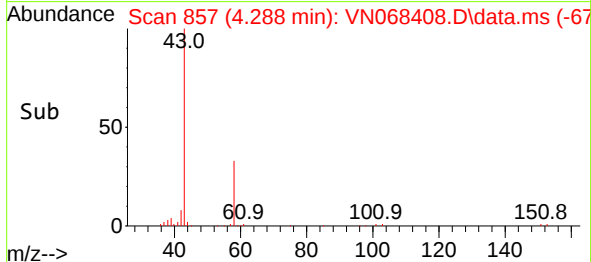
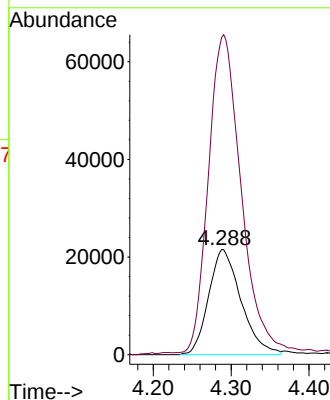
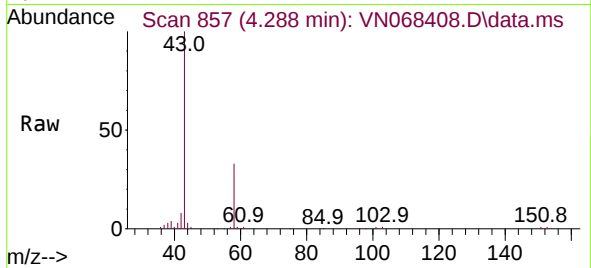
Tgt Ion: 58 Resp: 62290
Ion Ratio Lower Upper
58 100
43 299.9 289.6 434.4

Instrument :
MSVOA_N
ClientSampled :
VN0903WBSD01

Manual Integrations
APPROVED

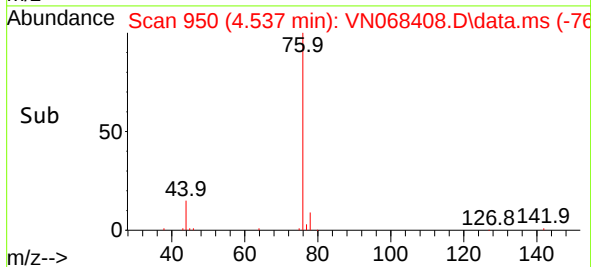
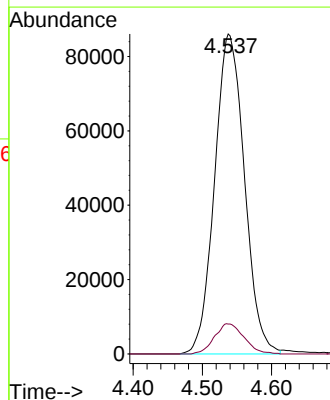
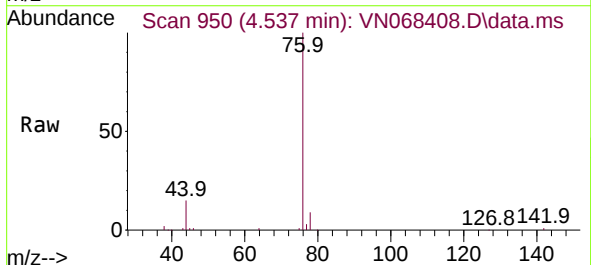
MMDadoda

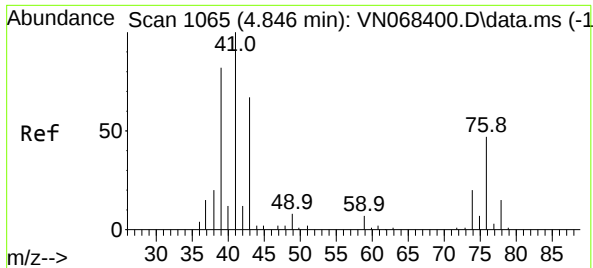
9/7/2021 4:39:16 PM



#16
Carbon Disulfide
Concen: 17.370 ug/l
RT: 4.537 min Scan# 950
Delta R.T. -0.005 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 76 Resp: 257819
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4





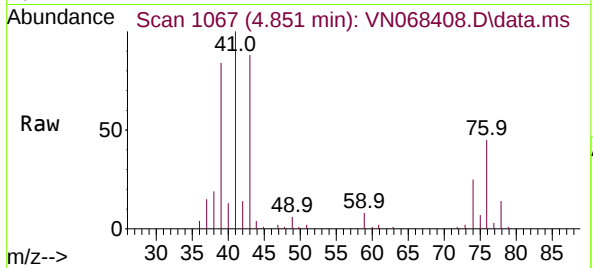
#17
 Allyl chloride
 Concen: 18.319 ug/l
 RT: 4.851 min Scan# 1067
 Delta R.T. 0.005 min
 Lab File: VN068408.D
 Acq: 3 Sep 2021 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

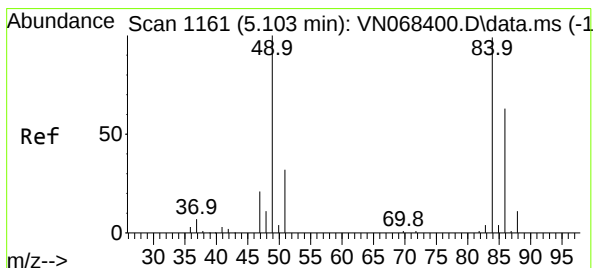
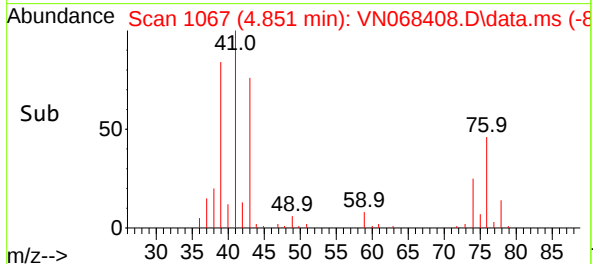
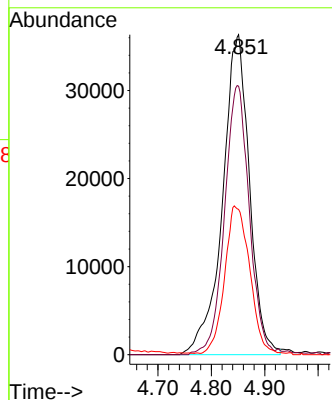
Manual Integrations
 APPROVED

MMDadoda

9/7/2021 4:39:16 PM

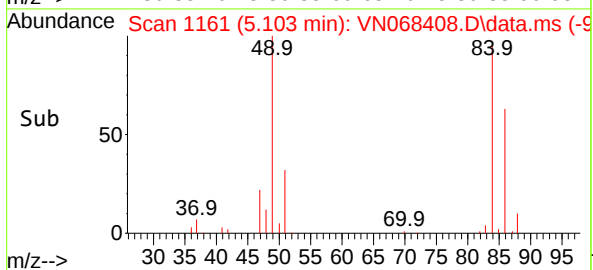
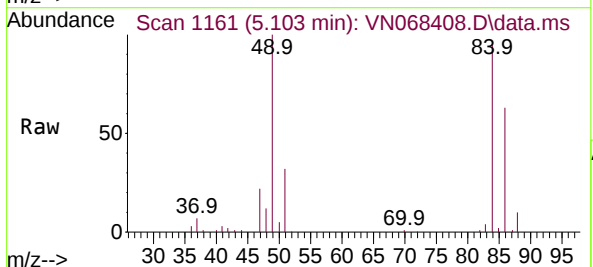
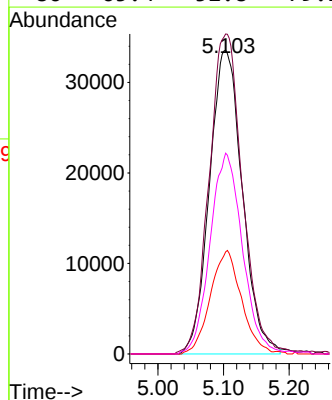


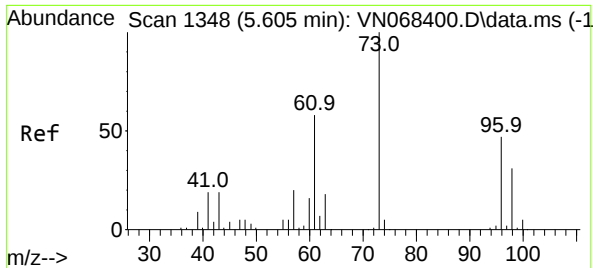
Tgt Ion: 41 Resp: 127456
 Ion Ratio Lower Upper
 41 100
 39 83.9 39.8 119.4
 76 44.8 16.8 50.4



#18
 Methylene Chloride
 Concen: 18.753 ug/l
 RT: 5.103 min Scan# 1161
 Delta R.T. 0.000 min
 Lab File: VN068408.D
 Acq: 3 Sep 2021 15:38

Tgt Ion: 84 Resp: 116582
 Ion Ratio Lower Upper
 84 100
 49 104.3 110.9 166.3#
 51 33.6 31.2 46.8
 86 65.4 52.8 79.2





#19

trans-1,2-Dichloroethene
Concen: 17.514 ug/l
RT: 5.602 min Scan# 1347
Delta R.T. -0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

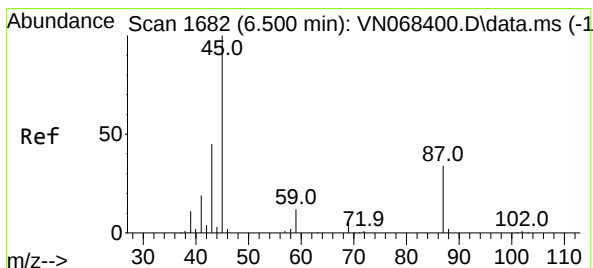
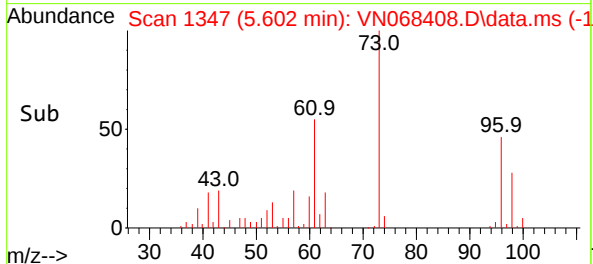
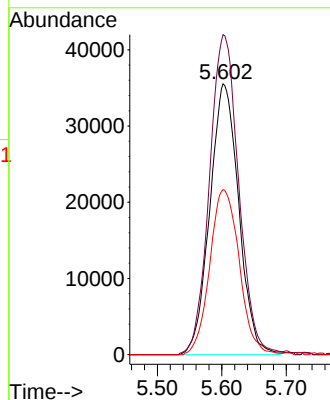
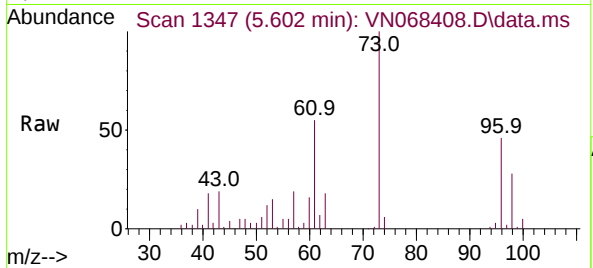
Tgt Ion: 96 Resp: 110890
Ion Ratio Lower Upper
96 100
61 117.6 129.3 193.9#
98 61.0 48.0 72.0

Instrument :
MSVOA_N
ClientSampled :
VN0903WBSD01

Manual Integrations
APPROVED

MMDadoda

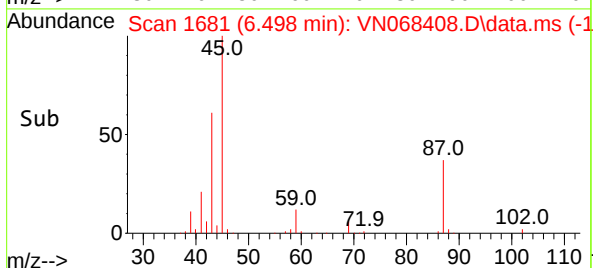
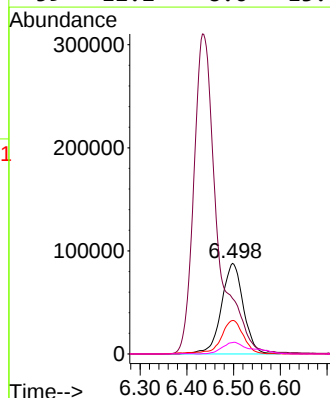
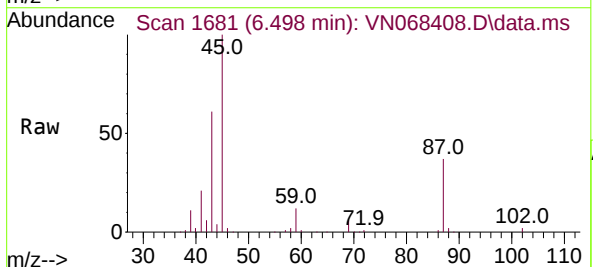
9/7/2021 4:39:16 PM

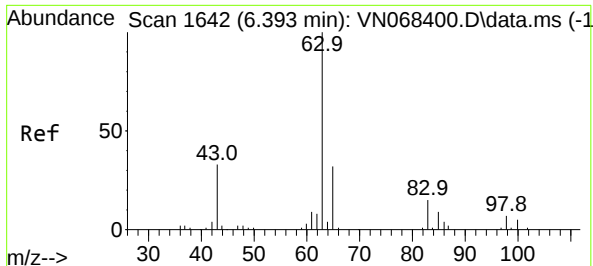


#20

Diisopropyl ether
Concen: 18.849 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 45 Resp: 286615
Ion Ratio Lower Upper
45 100
43 59.6 48.1 72.1
87 36.7 19.8 29.6#
59 12.2 8.6 13.0





#21

1,1-Dichloroethane

Concen: 18.455 ug/l

RT: 6.393 min Scan# 1642

Delta R.T. 0.000 min

Lab File: VN068408.D

Acq: 3 Sep 2021 15:38

Tgt Ion:	63	Resp:	185580
Ion Ratio	Lower	Upper	
63	100		
98	7.7	2.7	8.1
100	4.9	1.8	5.3

Instrument :

MSVOA_N

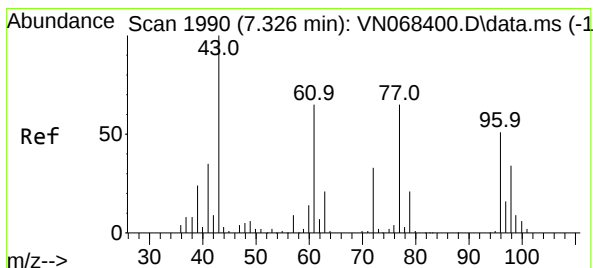
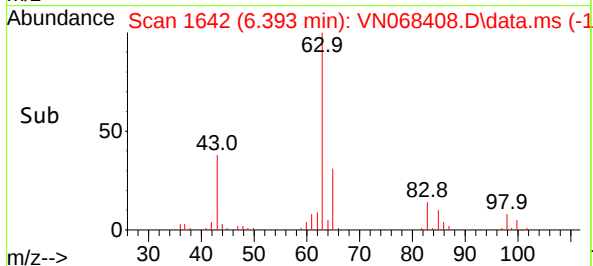
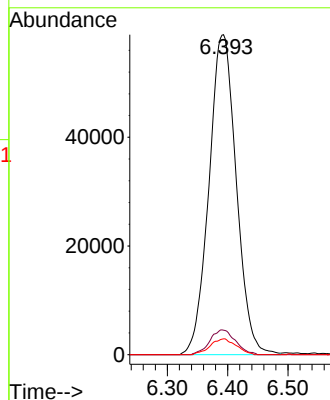
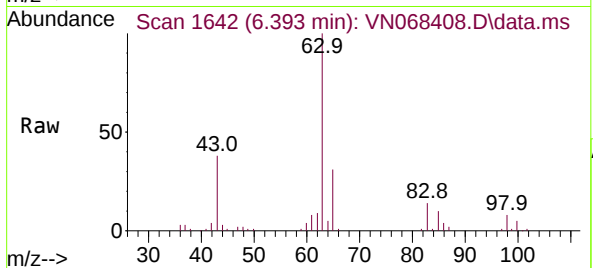
ClientSampleId :

VN0903WBSD01

Manual Integrations
APPROVED

MMDadoda

9/7/2021 4:39:16 PM



#22

cis-1,2-Dichloroethene

Concen: 17.604 ug/l

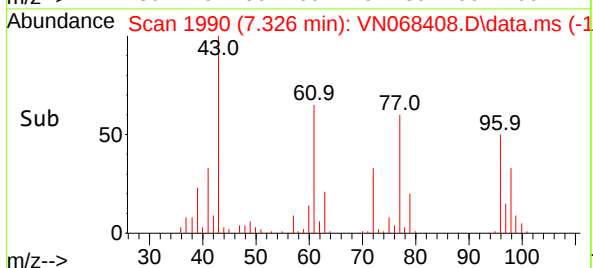
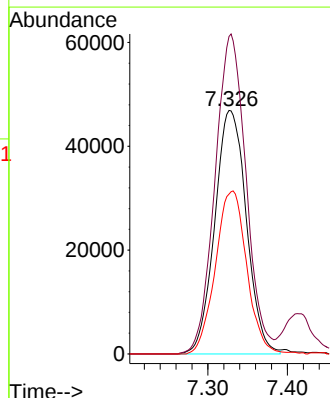
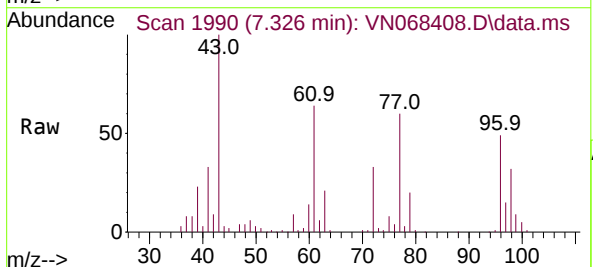
RT: 7.326 min Scan# 1990

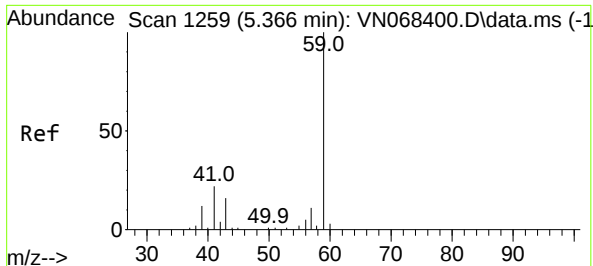
Delta R.T. 0.000 min

Lab File: VN068408.D

Acq: 3 Sep 2021 15:38

Tgt Ion:	96	Resp:	129515
Ion Ratio	Lower	Upper	
96	100		
61	129.1	131.2	196.8#
98	66.3	50.7	76.1





#23

tert-Butyl Alcohol

Concen: 122.657 ug/l

RT: 5.366 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN068408.D

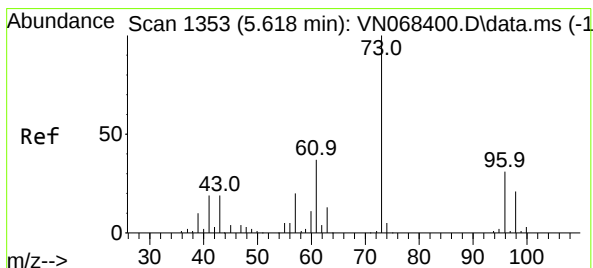
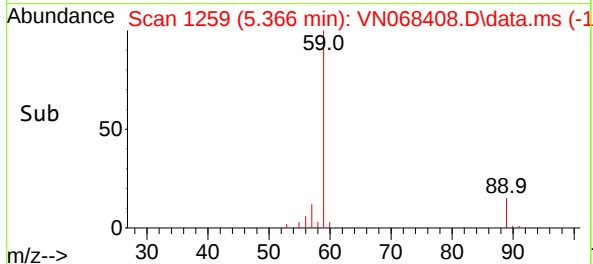
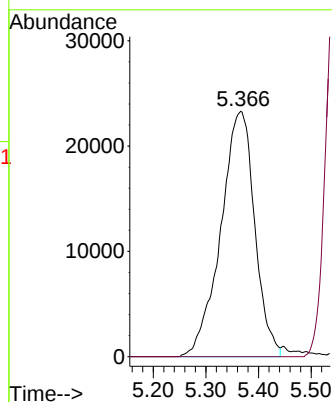
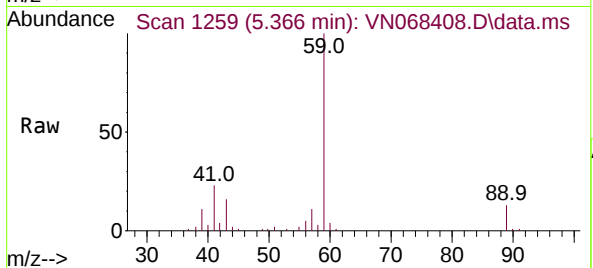
Acq: 3 Sep 2021 15:38

Tgt Ion: 59 Resp: 104369

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 18.593 ug/l

RT: 5.615 min Scan# 1352

Delta R.T. -0.003 min

Lab File: VN068408.D

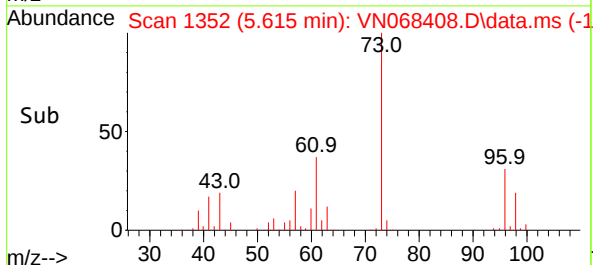
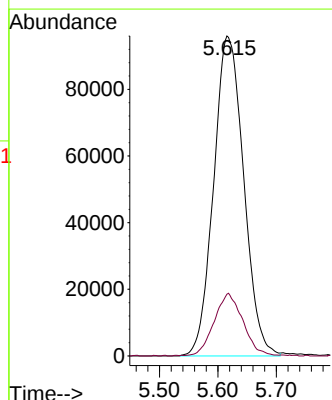
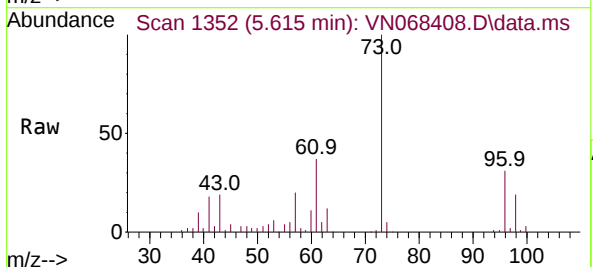
Acq: 3 Sep 2021 15:38

Tgt Ion: 73 Resp: 343128

Ion Ratio Lower Upper

73 100

43 18.8 20.0 30.0#



Instrument :

MSVOA_N

ClientSampleId :

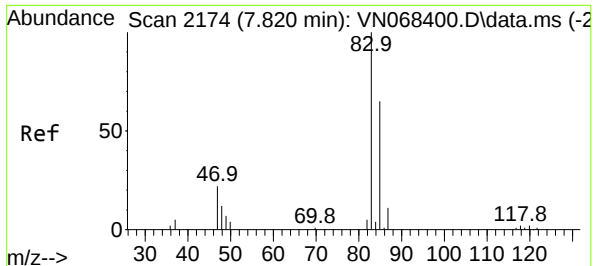
VN0903WBSD01

Manual Integrations

APPROVED

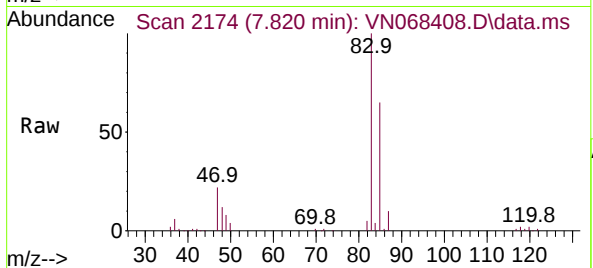
MMDadoda

9/7/2021 4:39:16 PM



#25
Chloroform
Concen: 18.015 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

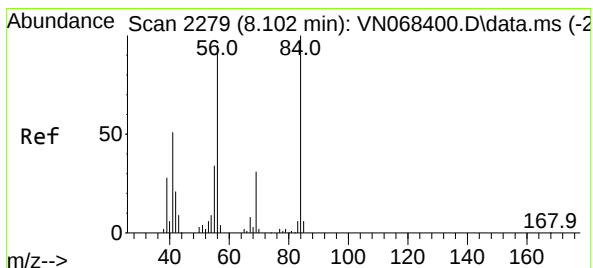
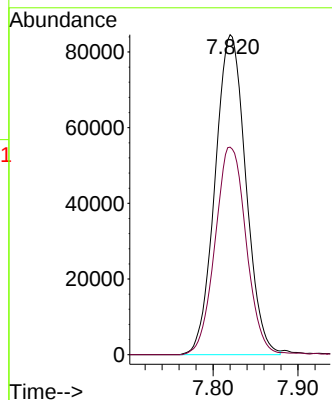
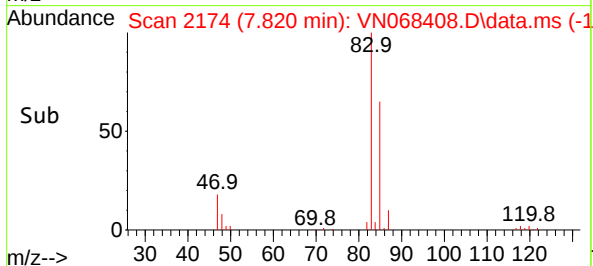


Tgt Ion: 83 Resp: 212775
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3

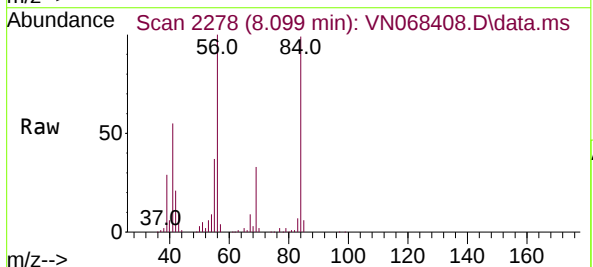
Manual Integrations
APPROVED

MMDadoda

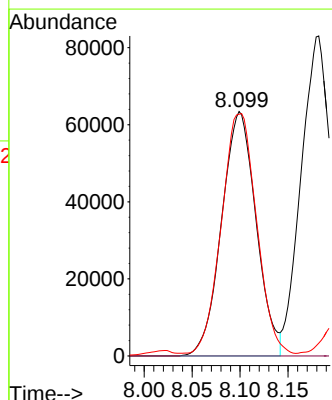
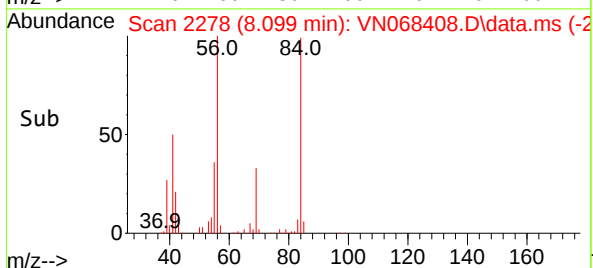
9/7/2021 4:39:16 PM

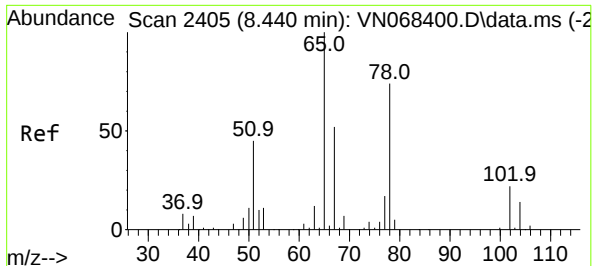


#26
Cyclohexane
Concen: 18.039 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. -0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion: 56 Resp: 158902
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 101.9 66.2 99.2#





#27

1,2-Dichloroethane-d4
Concen: 31.567 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

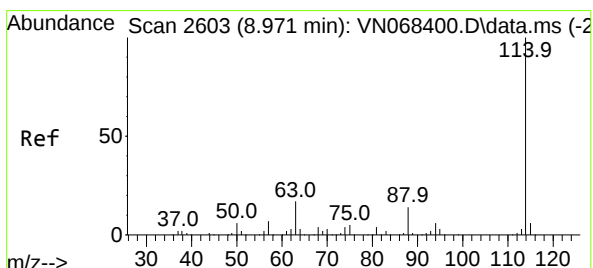
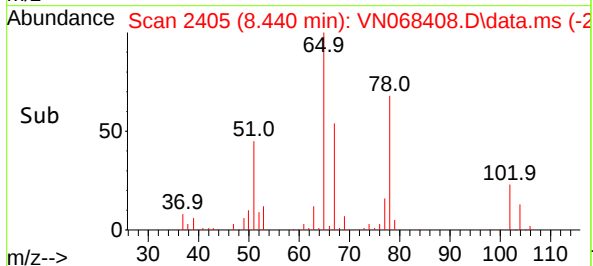
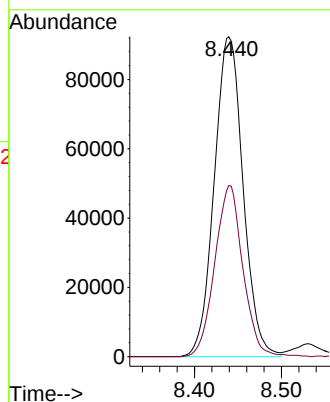
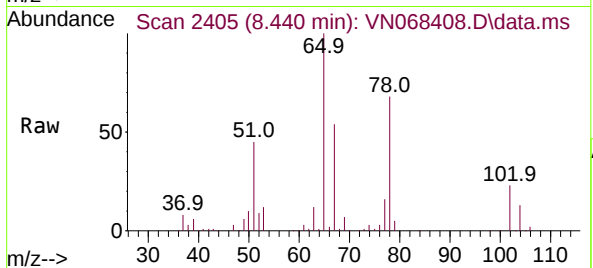
Tgt Ion: 65 Resp: 213112
Ion Ratio Lower Upper
65 100
67 51.9 39.8 59.8

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

MMDadoda

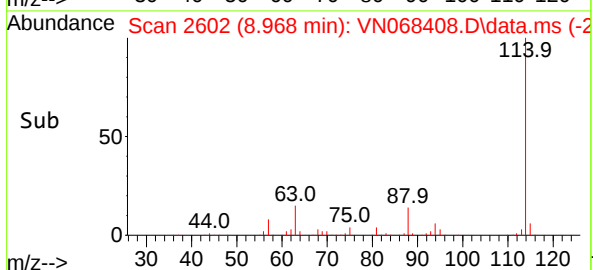
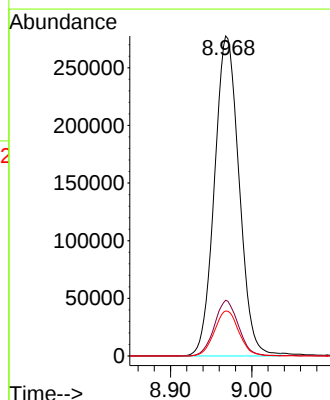
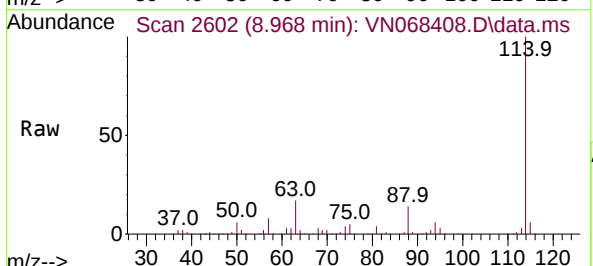
9/7/2021 4:39:16 PM

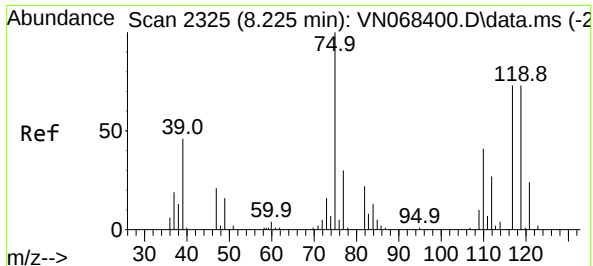


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 114 Resp: 583729
Ion Ratio Lower Upper
114 100
63 16.9 20.3 30.5#
88 13.9 14.6 22.0#





#29

1,1-Dichloropropene

Concen: 18.054 ug/l

RT: 8.225 min Scan# 2325

Delta R.T. 0.000 min

Lab File: VN068408.D

Acq: 3 Sep 2021 15:38

Tgt Ion: 75 Resp: 151186

Ion Ratio Lower Upper

75 100

110 40.8 0.0 63.4

77 31.1 0.0 63.0

Instrument :

MSVOA_N

ClientSampleId :

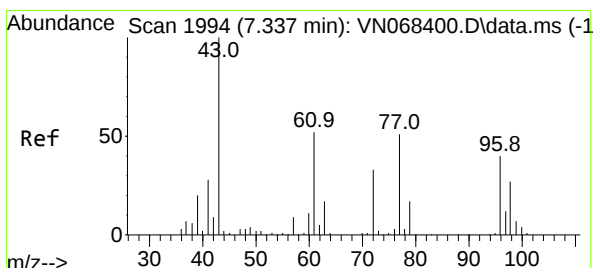
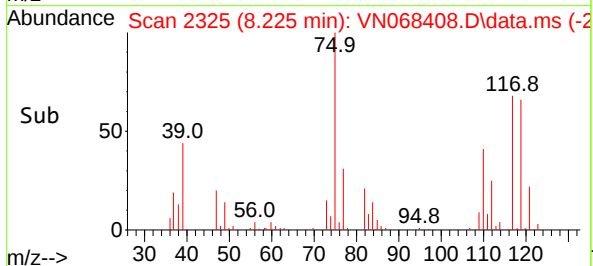
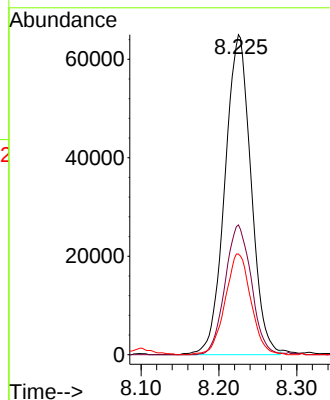
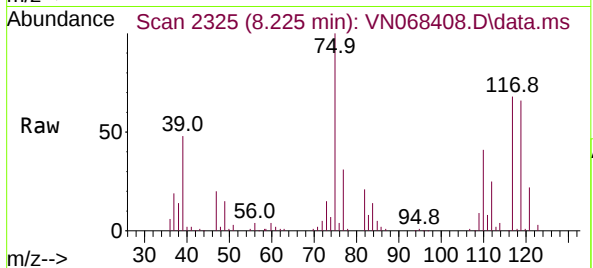
VN0903WBSD01

Manual Integrations

APPROVED

MMDadoda

9/7/2021 4:39:16 PM



#30

2-Butanone

Concen: 95.100 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN068408.D

Acq: 3 Sep 2021 15:38

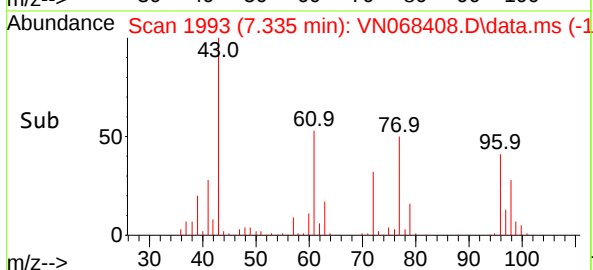
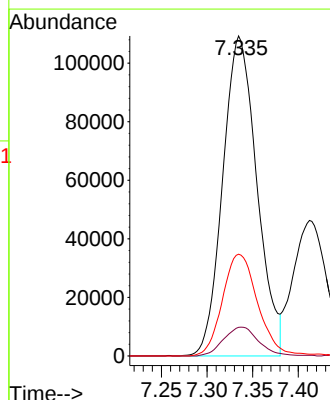
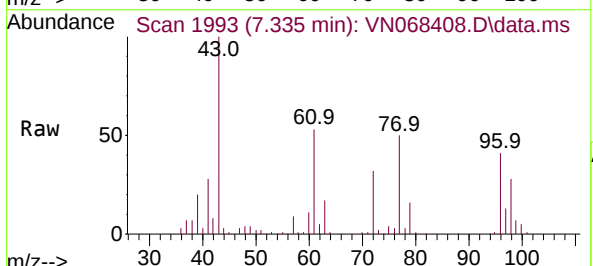
Tgt Ion: 43 Resp: 284930

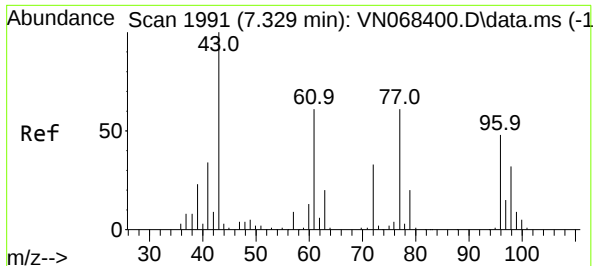
Ion Ratio Lower Upper

43 100

57 9.3 6.9 10.3

72 32.6 20.0 30.0#





#31
2,2-Dichloropropane
Concen: 17.758 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

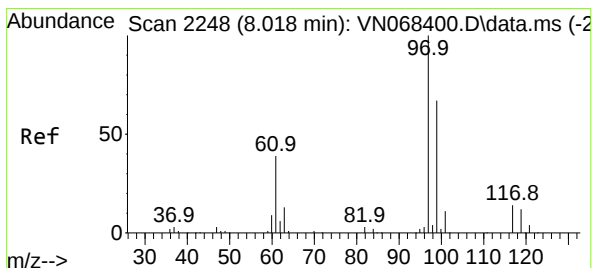
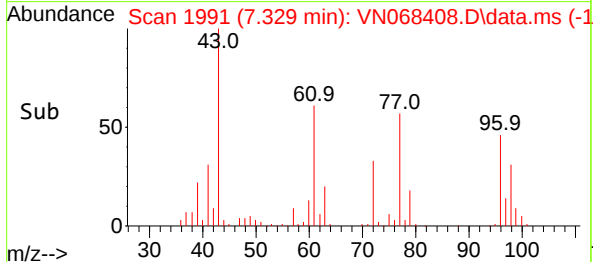
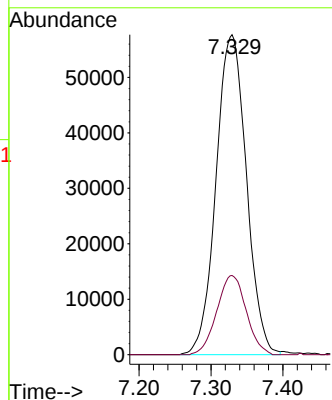
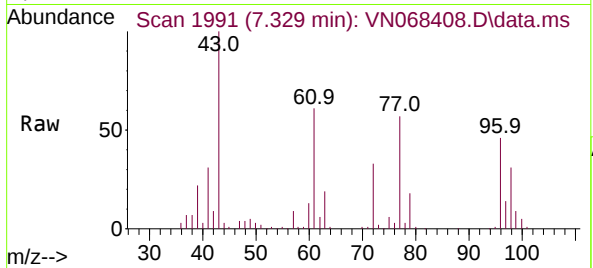
Tgt Ion: 77 Resp: 169350
Ion Ratio Lower Upper
77 100
97 24.0 16.3 24.5

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

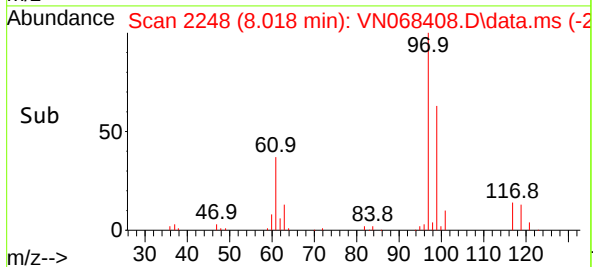
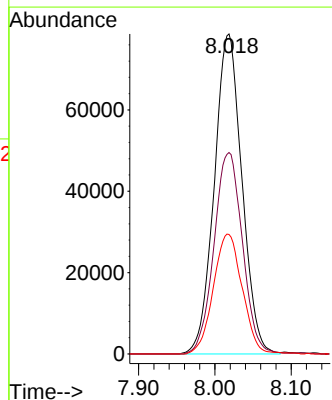
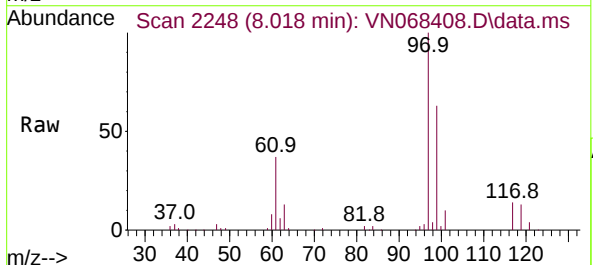
MMDadoda

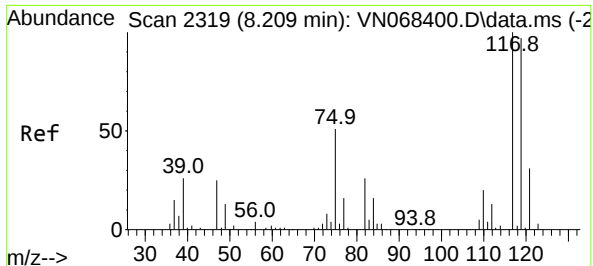
9/7/2021 4:39:16 PM



#32
1,1,1-Trichloroethane
Concen: 18.010 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 97 Resp: 198088
Ion Ratio Lower Upper
97 100
99 64.8 49.7 74.5
61 39.0 38.0 57.0





#33
Carbon Tetrachloride
Concen: 17.478 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

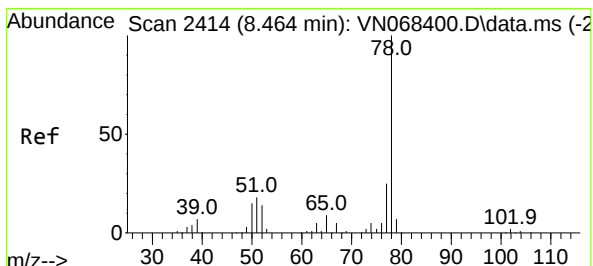
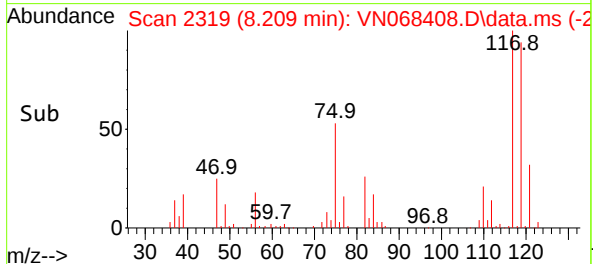
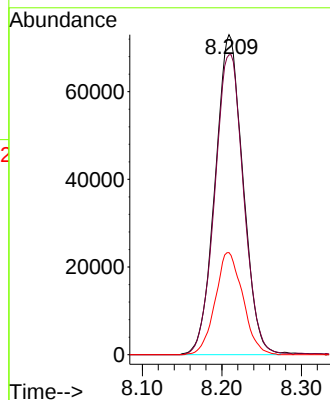
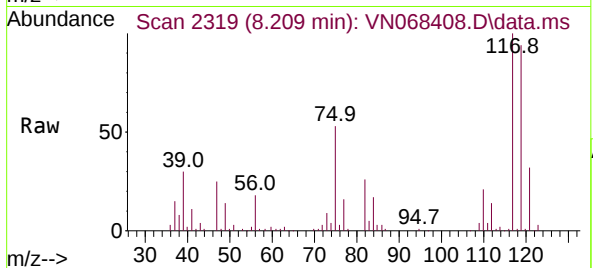
Tgt Ion:117 Resp: 177612
Ion Ratio Lower Upper
117 100
119 93.7 73.3 109.9
121 31.9 24.2 36.4

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

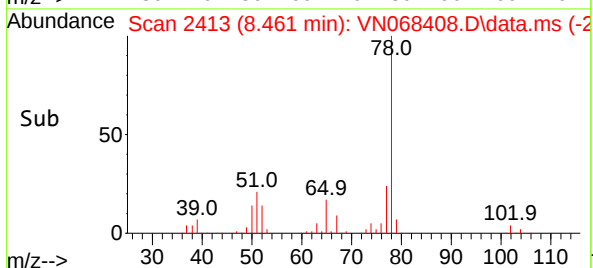
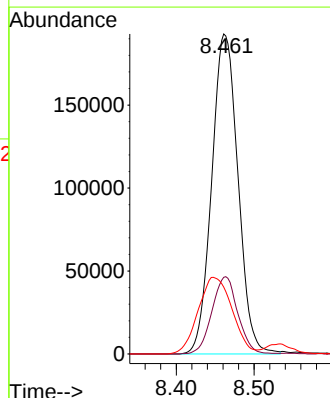
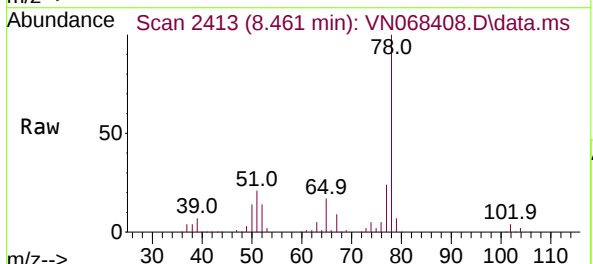
MMDadoda

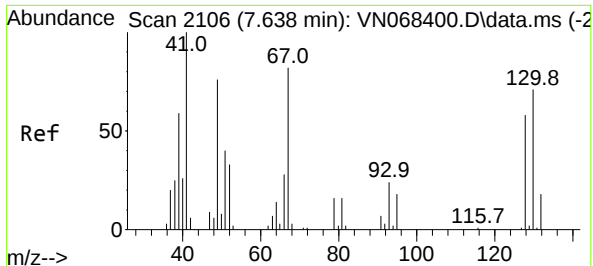
9/7/2021 4:39:16 PM



#34
Benzene
Concen: 18.247 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 78 Resp: 451655
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0
51 19.6 20.0 30.0#





#35
Methacrylonitrile
Concen: 20.193 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

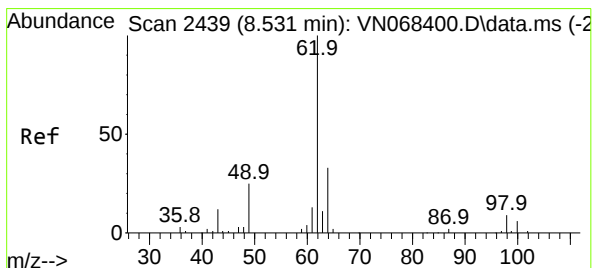
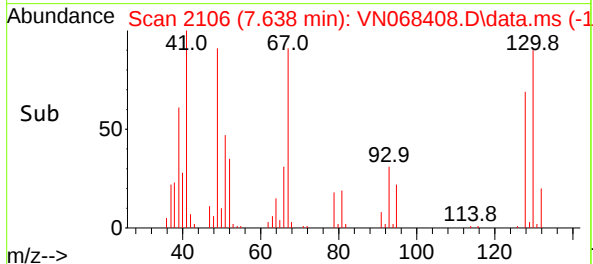
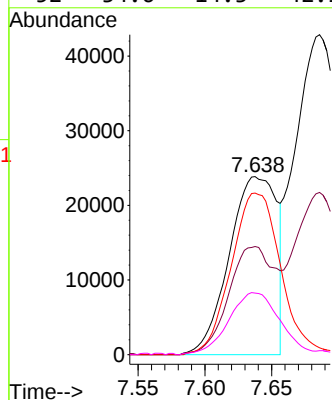
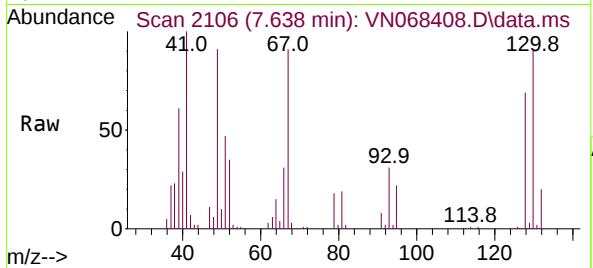
Tgt Ion:	41	Resp:	59104
Ion Ratio	Lower	Upper	
41	100		
39	60.8	30.3	90.9
67	90.8	32.1	96.3
52	34.6	14.3	42.9

Instrument :
MSVOA_N
ClientSampled :
VN0903WBSD01

Manual Integrations
APPROVED

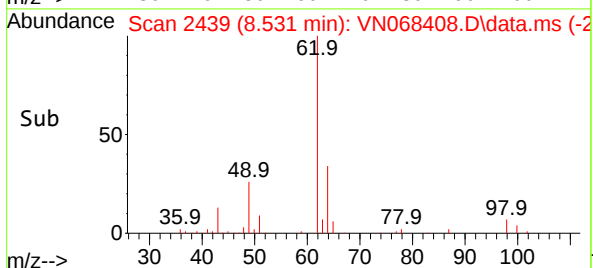
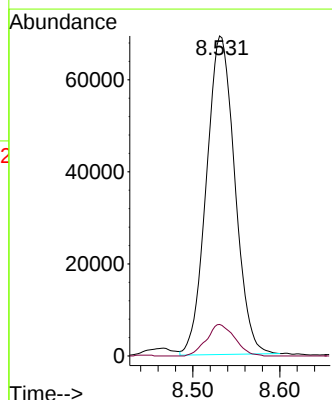
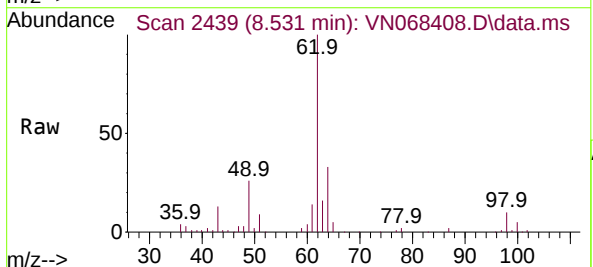
MMDadoda

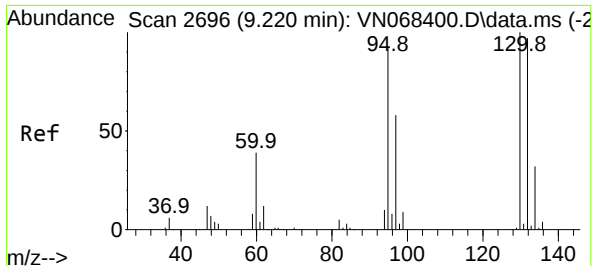
9/7/2021 4:39:16 PM



#36
1,2-Dichloroethane
Concen: 18.946 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion:	62	Resp:	157025
Ion Ratio	Lower	Upper	
62	100		
98	9.9	6.0	9.0#





#37

Trichloroethene

Concen: 17.893 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.003 min

Lab File: VN068408.D

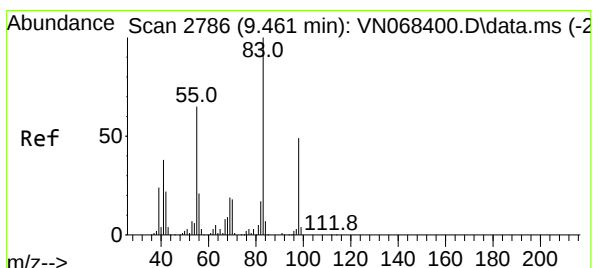
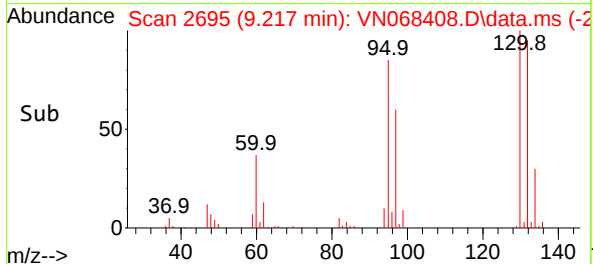
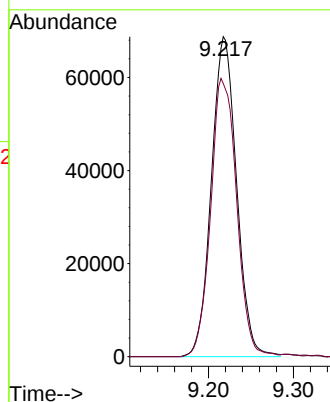
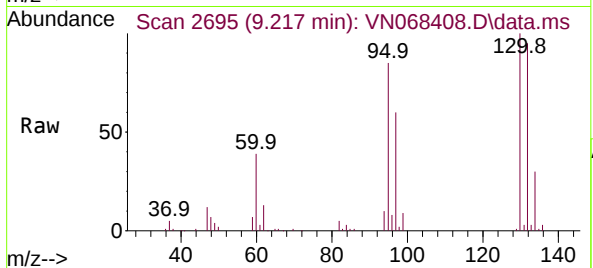
Acq: 3 Sep 2021 15:38

Tgt Ion:130 Resp: 141573

Ion Ratio Lower Upper

130 100

95 85.4 92.2 138.2#



#38

Methylcyclohexane

Concen: 17.664 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN068408.D

Acq: 3 Sep 2021 15:38

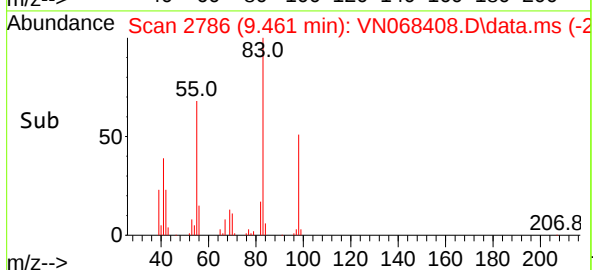
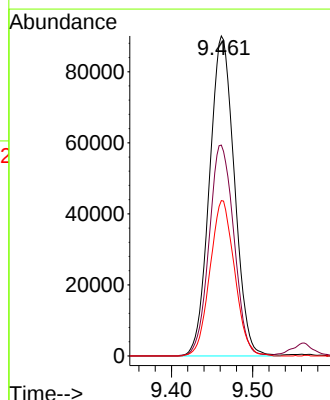
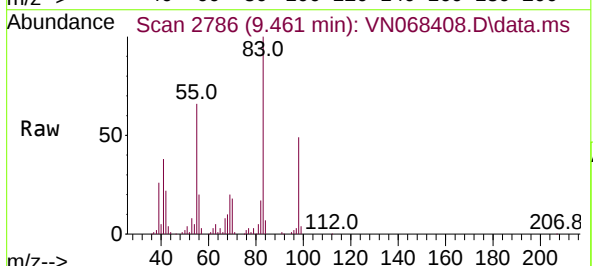
Tgt Ion: 83 Resp: 192028

Ion Ratio Lower Upper

83 100

55 65.8 41.5 124.6

98 47.9 22.4 67.0



Instrument :

MSVOA_N

ClientSampleId :

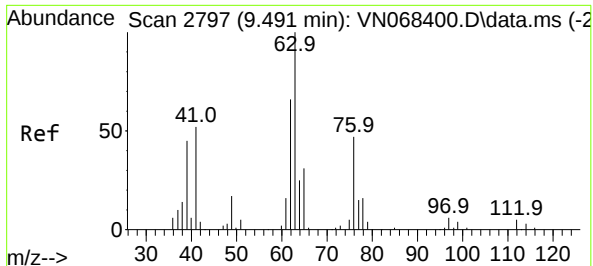
VN0903WBSD01

Manual Integrations

APPROVED

MMDadoda

9/7/2021 4:39:16 PM



#39

1,2-Dichloropropane

Concen: 18.048 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN068408.D

Acq: 3 Sep 2021 15:38

Tgt Ion: 63 Resp: 105909

Ion Ratio Lower Upper

63 100

65 31.1 24.5 36.7

Instrument :

MSVOA_N

ClientSampleId :

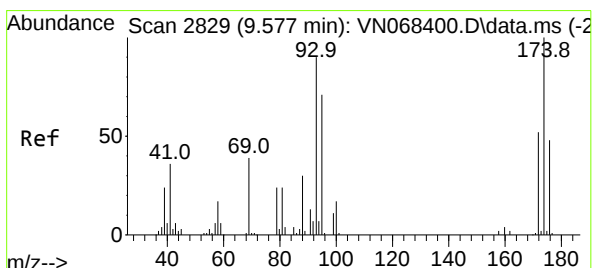
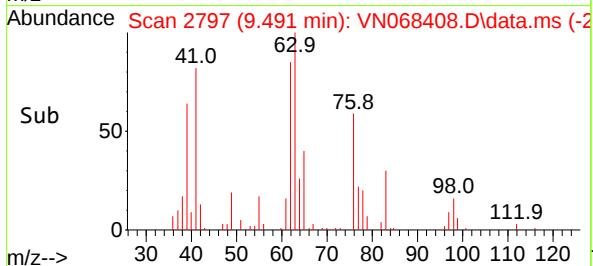
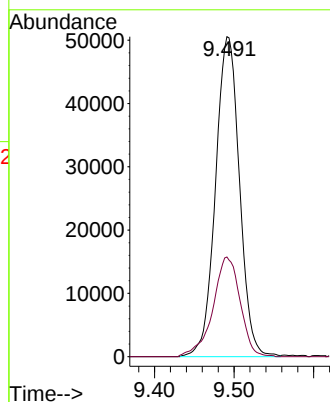
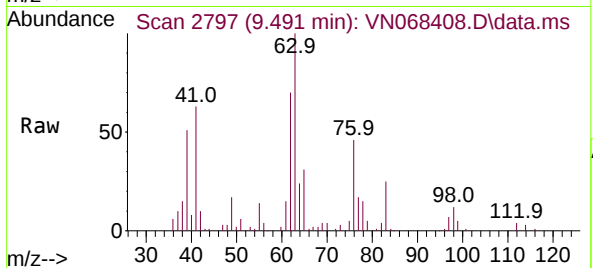
VN0903WBSD01

Manual Integrations

APPROVED

MMDadoda

9/7/2021 4:39:16 PM



#40

Dibromomethane

Concen: 18.832 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VN068408.D

Acq: 3 Sep 2021 15:38

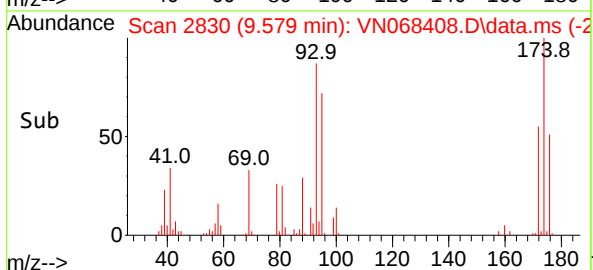
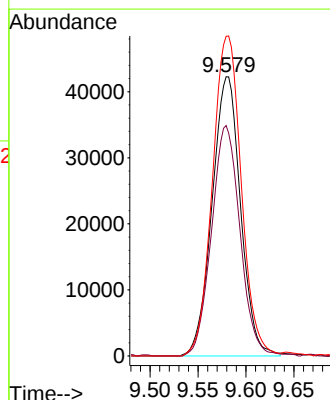
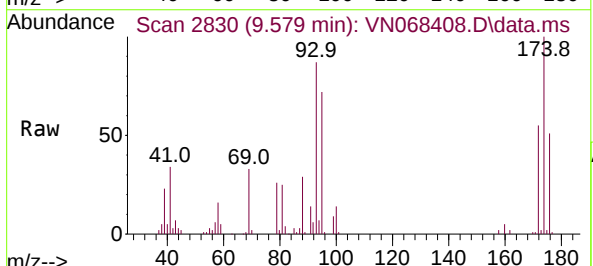
Tgt Ion: 93 Resp: 87451

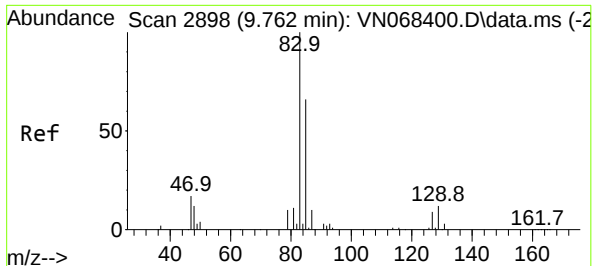
Ion Ratio Lower Upper

93 100

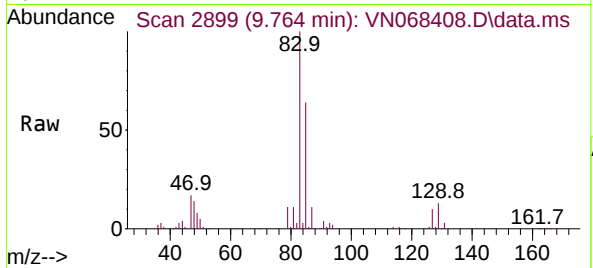
95 82.2 0.0 167.6

174 115.7 0.0 148.4

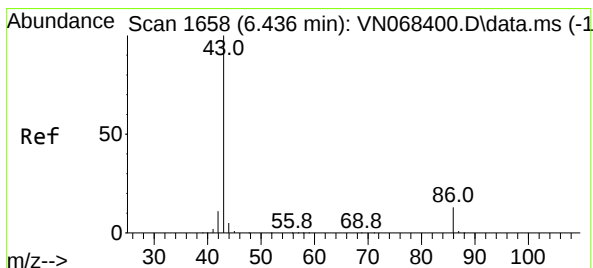
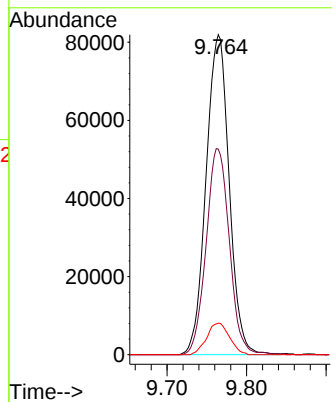
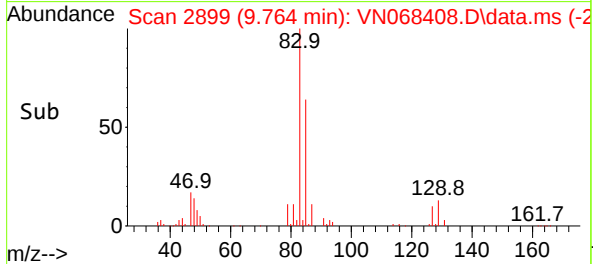




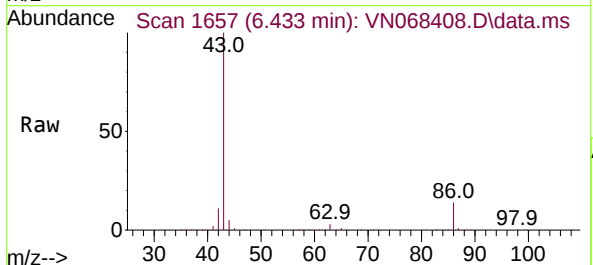
#41
Bromodichloromethane
Concen: 18.450 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



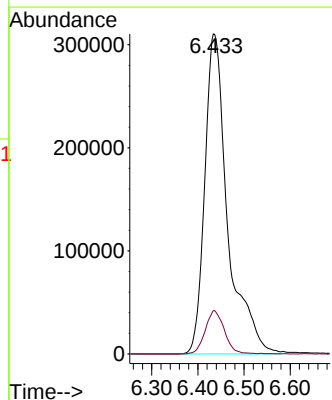
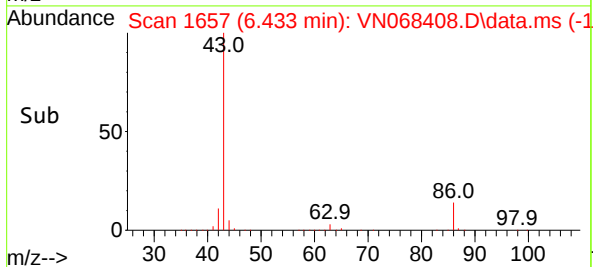
Tgt Ion: 83 Resp: 165531
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8
127 9.9 6.6 9.8#



#42
Vinyl Acetate
Concen: 94.655 ug/l
RT: 6.433 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion: 43 Resp: 1072596
Ion Ratio Lower Upper
43 100
86 11.2 6.4 9.6#

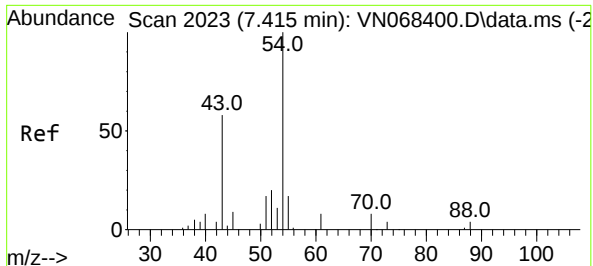


Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

MMDadoda

9/7/2021 4:39:16 PM



#43

Ethyl Acetate

Concen: 19.488 ug/l

RT: 7.412 min Scan# 2022

Delta R.T. -0.003 min

Lab File: VN068408.D

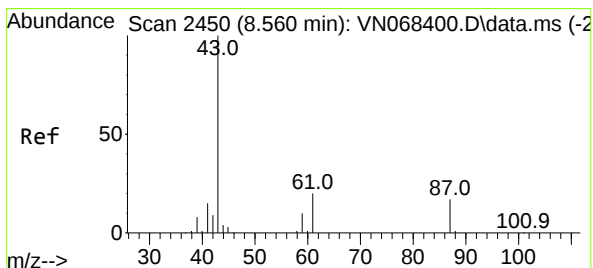
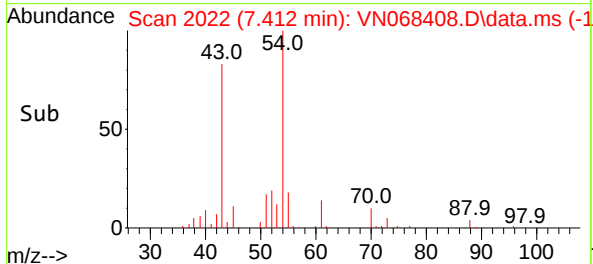
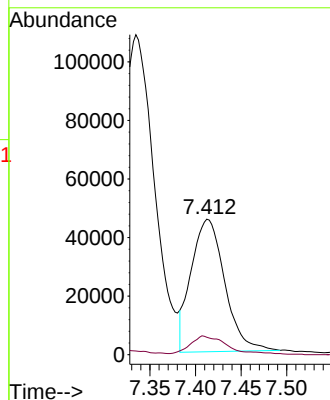
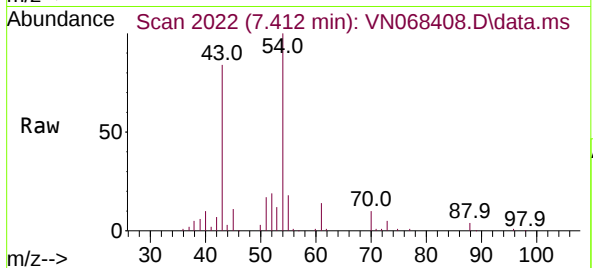
Acq: 3 Sep 2021 15:38

Tgt Ion: 43 Resp: 116106

Ion Ratio Lower Upper

43 100

45 12.8 1.0 1.6#



#44

Isopropyl Acetate

Concen: 18.970 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN068408.D

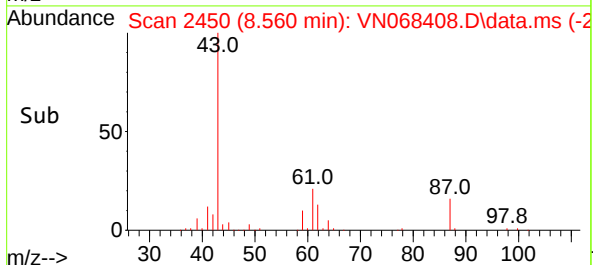
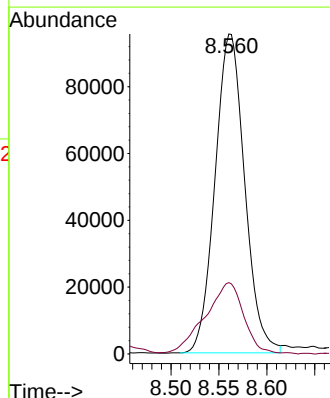
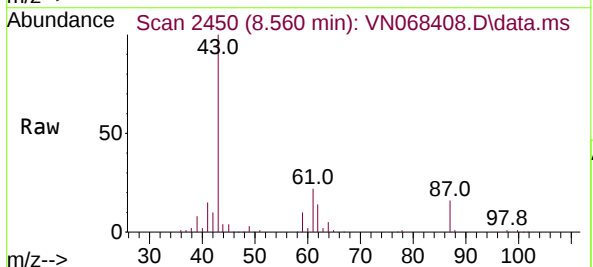
Acq: 3 Sep 2021 15:38

Tgt Ion: 43 Resp: 205329

Ion Ratio Lower Upper

43 100

61 28.4 19.0 28.6



Instrument :

MSVOA_N

ClientSampleId :

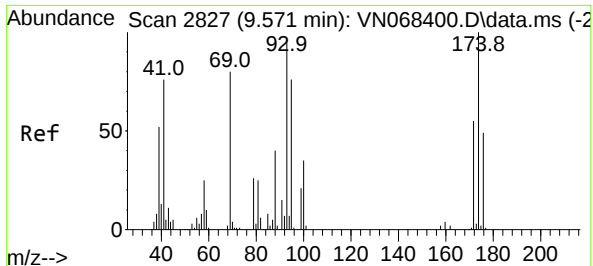
VN0903WBSD01

Manual Integrations

APPROVED

MMDadoda

9/7/2021 4:39:16 PM



#45
1,4-Dioxane
Concen: 408.943 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

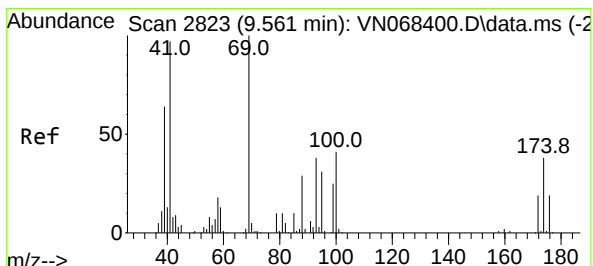
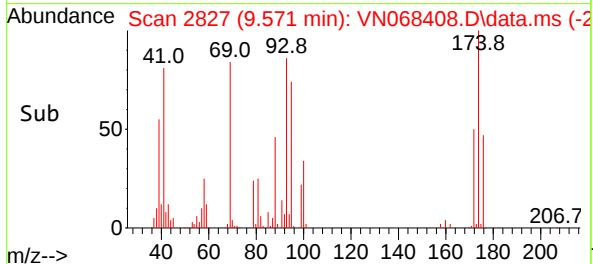
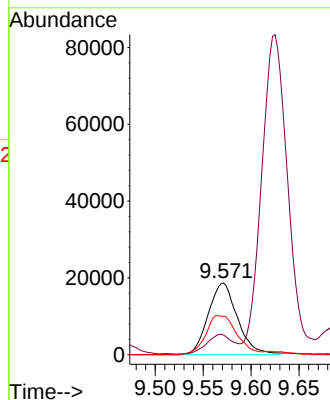
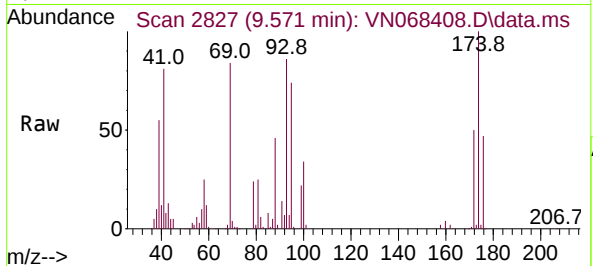
Tgt Ion:	88	Resp:	39566
Ion Ratio	Lower	Upper	
88	100		
43	24.1	18.0	27.0
58	57.9	57.7	86.5

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

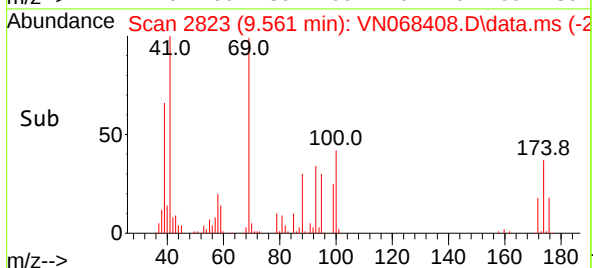
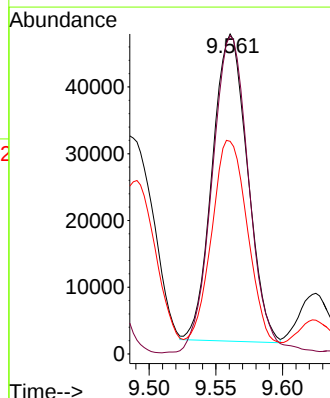
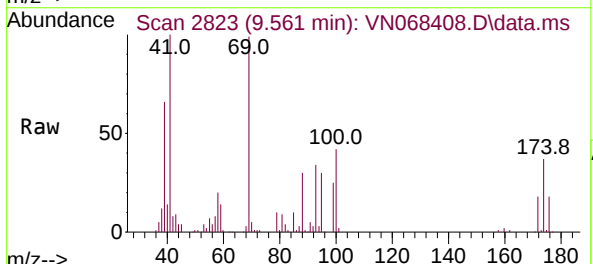
MMDadoda

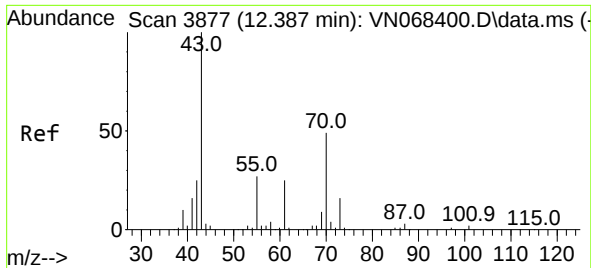
9/7/2021 4:39:16 PM



#46
Methyl methacrylate
Concen: 18.414 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion:	41	Resp:	84267
Ion Ratio	Lower	Upper	
41	100		
69	103.1	38.0	114.1
39	65.8	33.9	101.7





#47
n-amy1 Acetate
Concen: 18.429 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

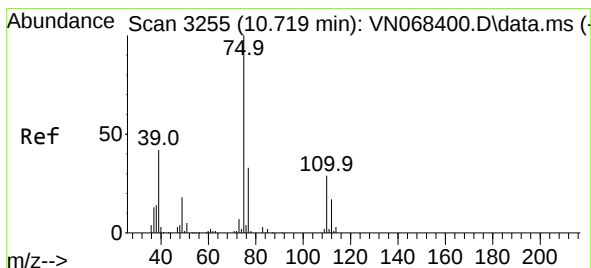
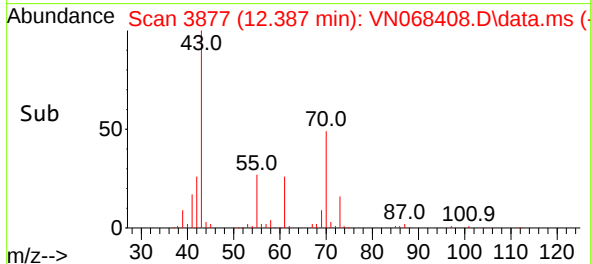
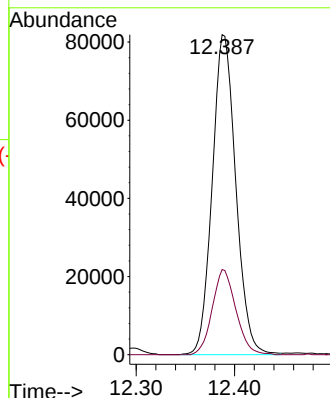
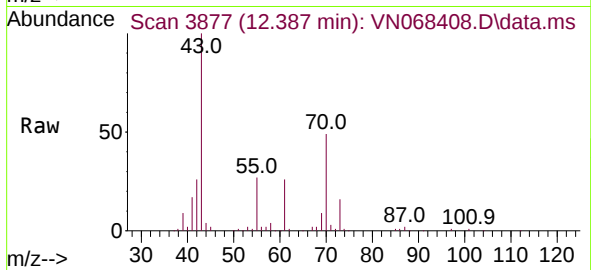
Tgt Ion: 43 Resp: 136473
Ion Ratio Lower Upper
43 100
55 26.6 17.6 26.4#

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

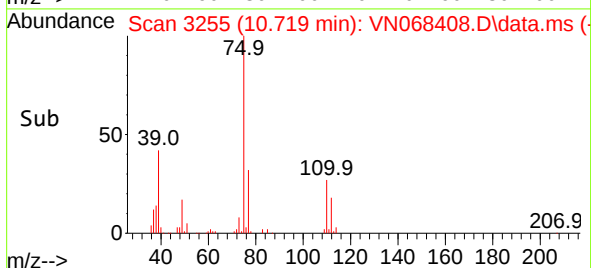
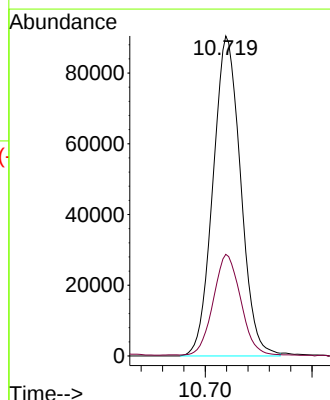
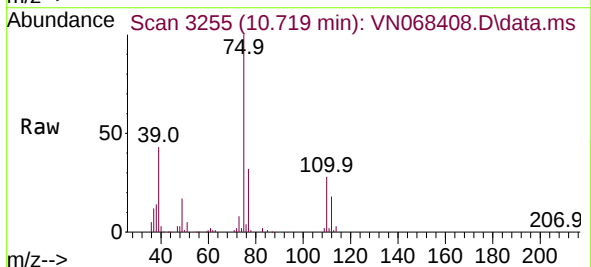
MMDadoda

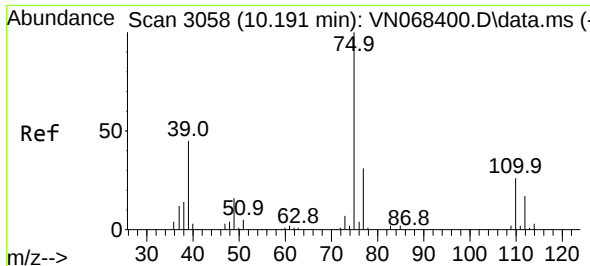
9/7/2021 4:39:16 PM



#48
t-1,3-Dichloropropene
Concen: 18.382 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 75 Resp: 162302
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0





#49
cis-1,3-Dichloropropene
Concen: 18.114 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

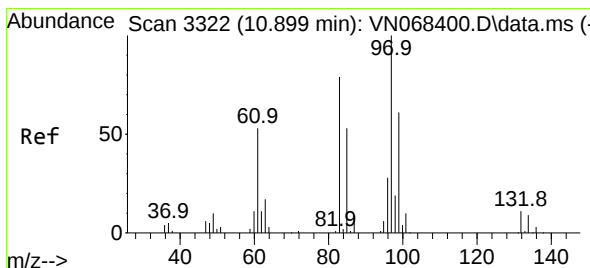
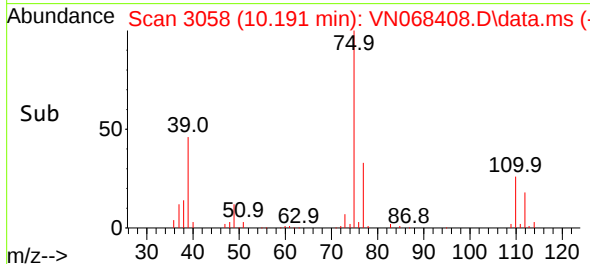
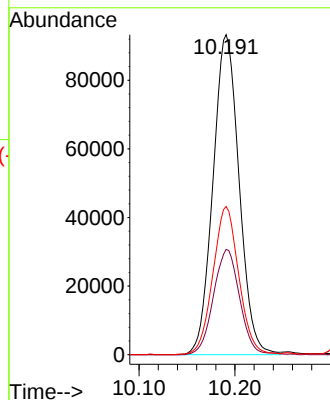
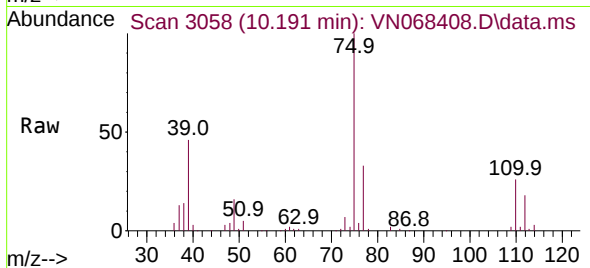
Tgt Ion: 75 Resp: 176401
Ion Ratio Lower Upper
75 100
77 32.9 26.0 39.0
39 46.1 50.6 76.0#

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

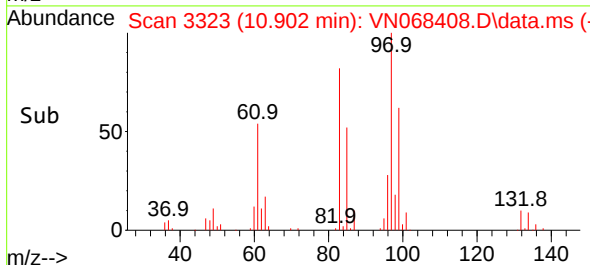
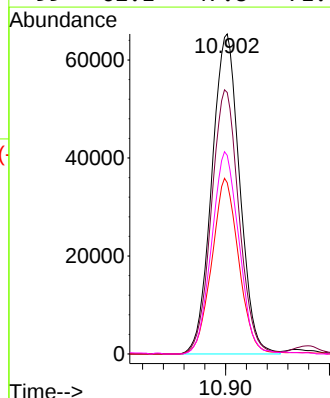
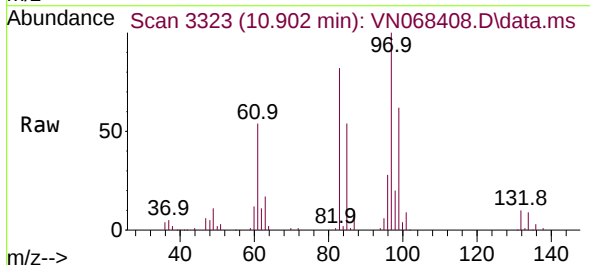
MMDadoda

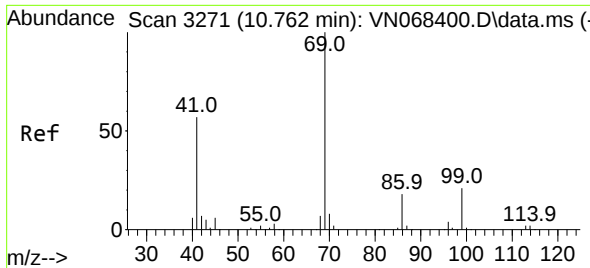
9/7/2021 4:39:16 PM



#50
1,1,2-Trichloroethane
Concen: 18.552 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 97 Resp: 121533
Ion Ratio Lower Upper
97 100
83 81.7 69.6 104.4
85 53.5 45.2 67.8
99 62.1 47.8 71.6





#51
Ethyl methacrylate
Concen: 18.341 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

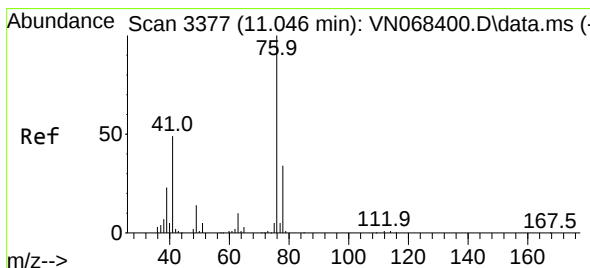
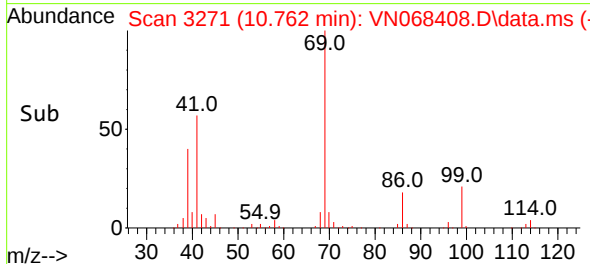
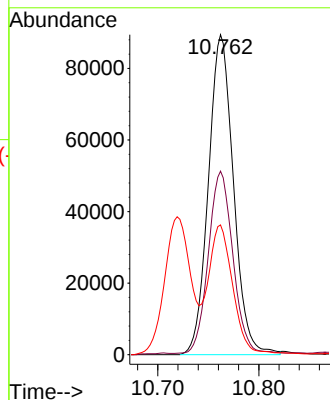
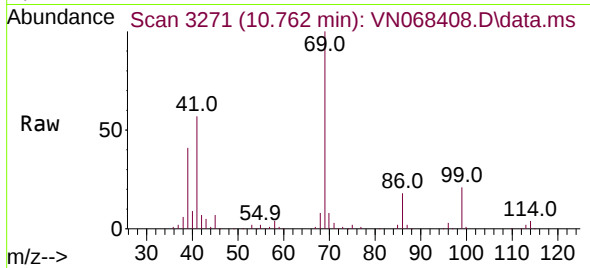
Tgt Ion: 69 Resp: 154480
Ion Ratio Lower Upper
69 100
41 56.9 36.8 110.4
39 39.9 23.8 71.2

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

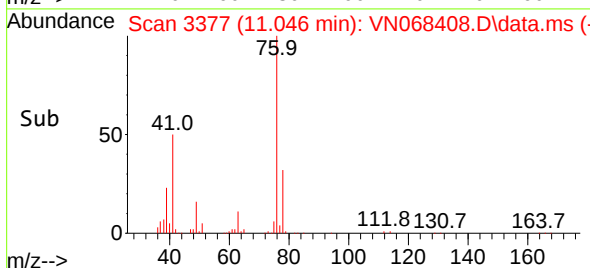
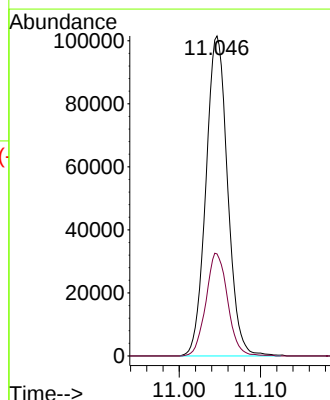
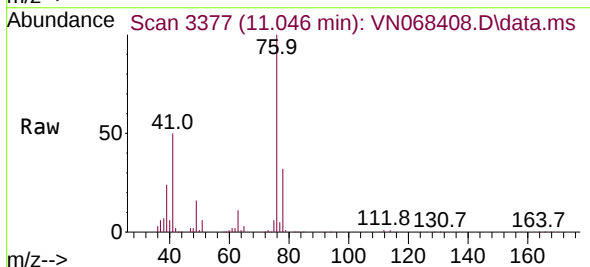
MMDadoda

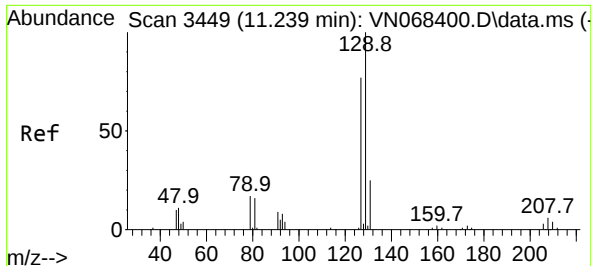
9/7/2021 4:39:16 PM



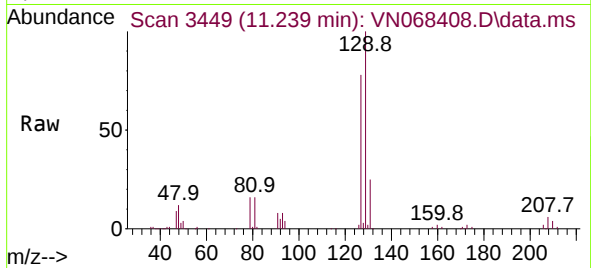
#52
1,3-Dichloropropane
Concen: 19.038 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 76 Resp: 188304
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.0

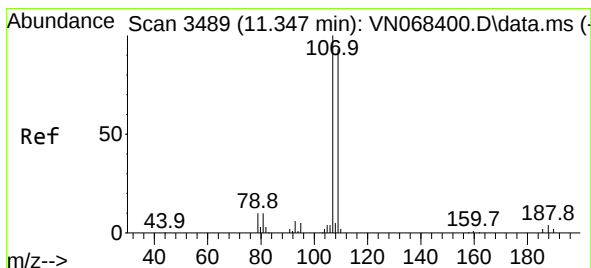
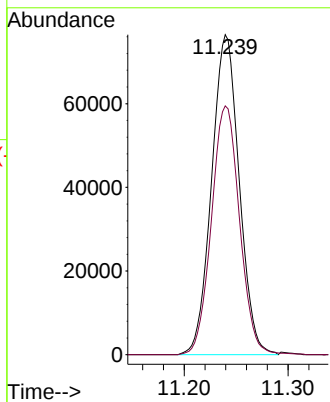
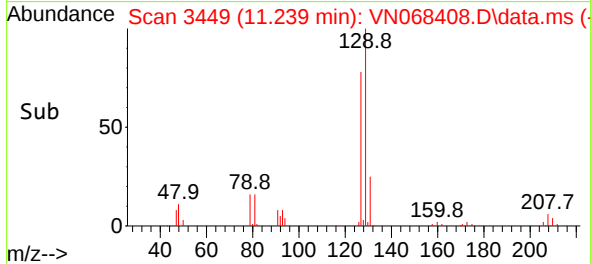




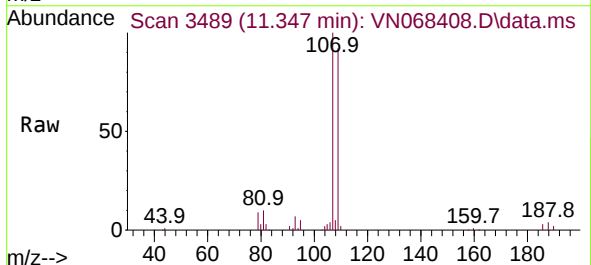
#53
Dibromochloromethane
Concen: 17.911 ug/l
RT: 11.239 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



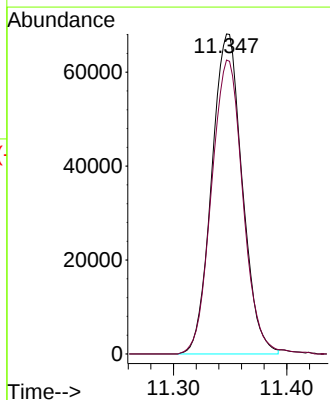
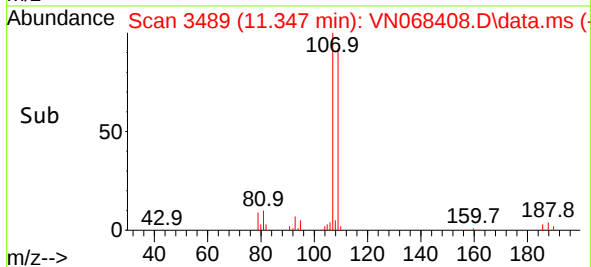
Tgt Ion:129 Resp: 141401
Ion Ratio Lower Upper
129 100
127 79.1 38.8 116.4



#54
1,2-Dibromoethane
Concen: 18.647 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion:107 Resp: 127680
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6

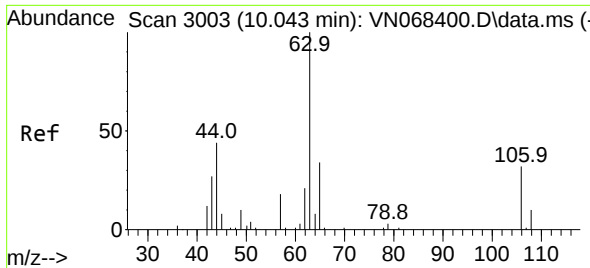


Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

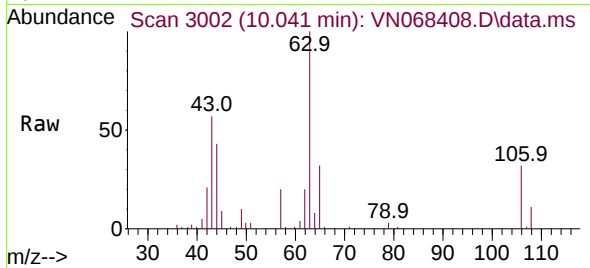
Manual Integrations
APPROVED

MMDadoda

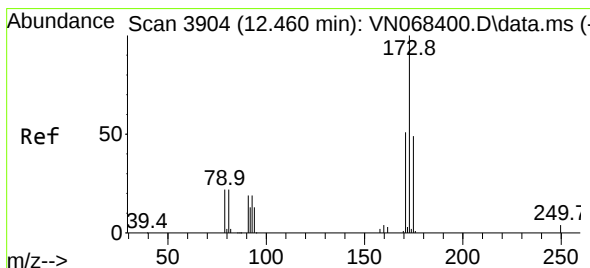
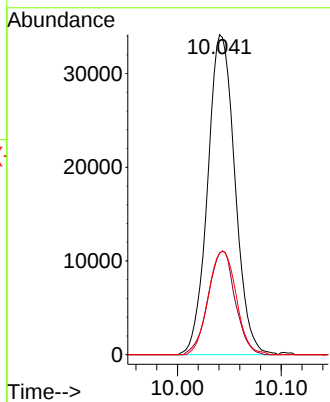
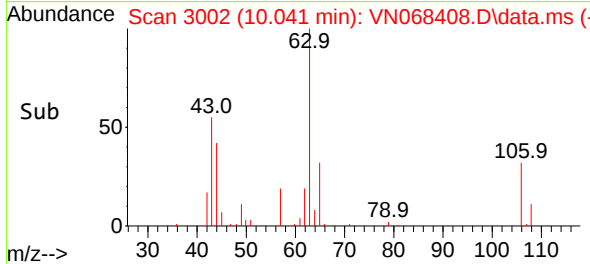
9/7/2021 4:39:16 PM



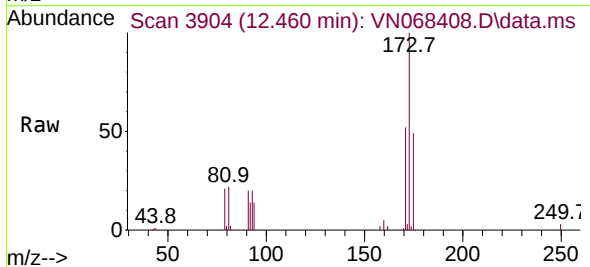
#55
2-Chloroethyl vinyl ether
Concen: 101.929 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



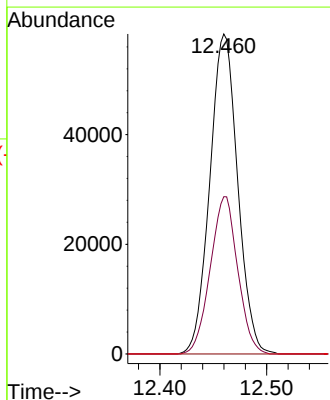
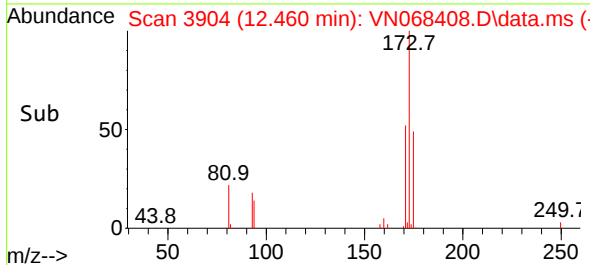
Tgt Ion: 63 Resp: 62371
Ion Ratio Lower Upper
63 100
65 32.0 25.6 38.4
106 33.1 20.0 30.0#



#56
Bromoform
Concen: 17.502 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion: 173 Resp: 105735
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.2
254 0.0 0.0 0.0

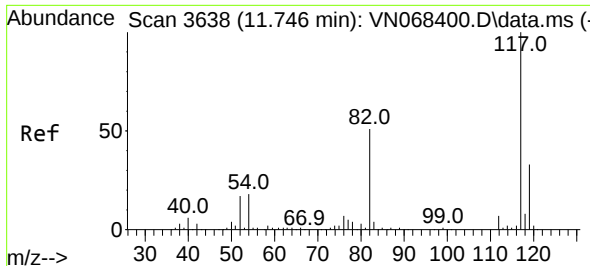


Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

MMDadoda

9/7/2021 4:39:16 PM



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

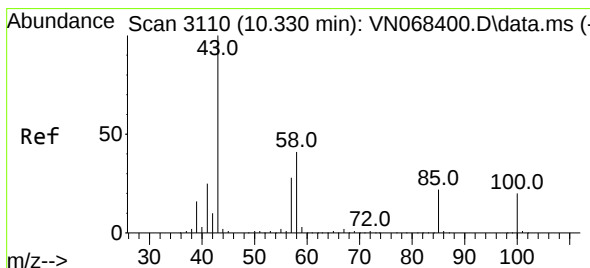
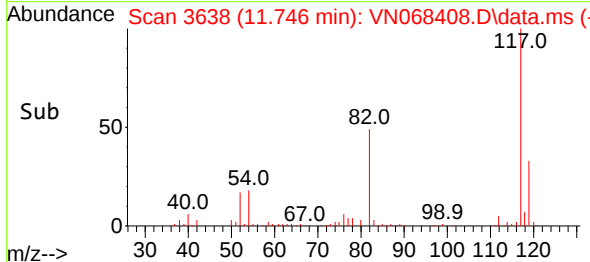
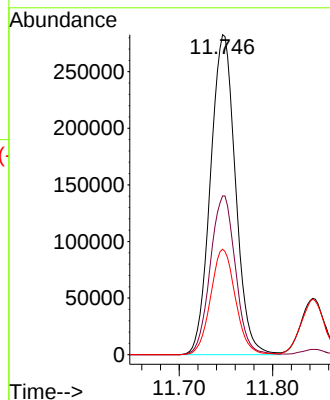
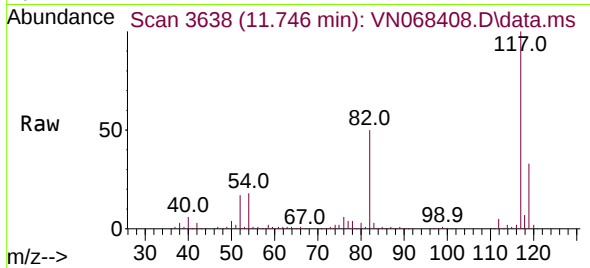
Tgt Ion: 117 Resp: 525248
Ion Ratio Lower Upper
117 100
82 50.1 52.5 78.7#
119 32.8 25.8 38.8

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

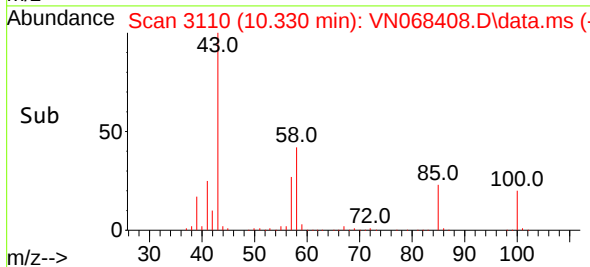
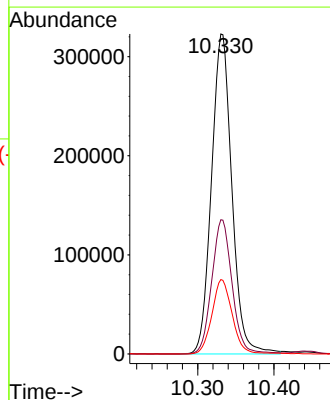
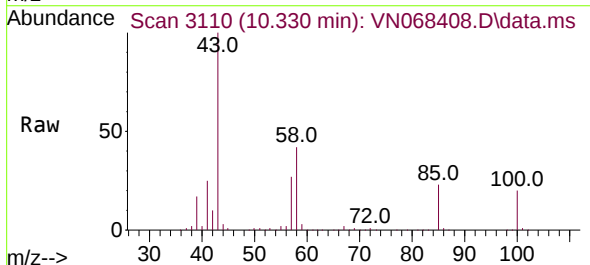
MMDadoda

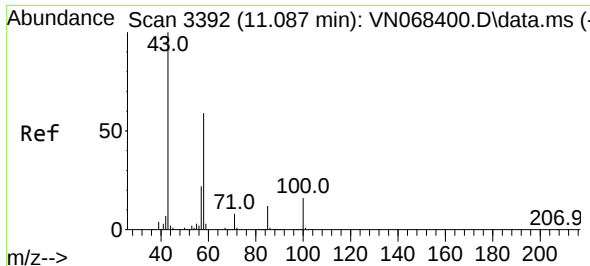
9/7/2021 4:39:16 PM



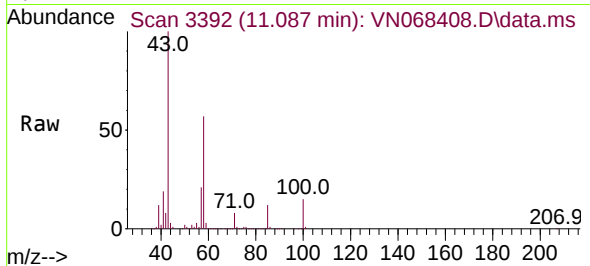
#58
4-Methyl-2-Pentanone
Concen: 98.115 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 43 Resp: 599691
Ion Ratio Lower Upper
43 100
58 41.9 29.0 43.4
85 23.1 13.2 19.8#

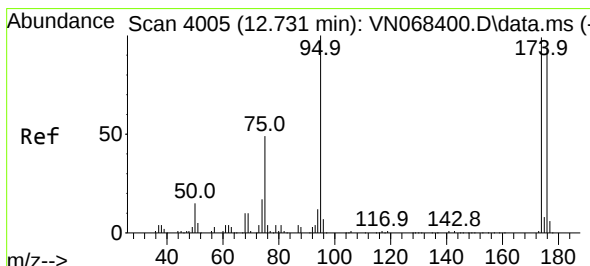
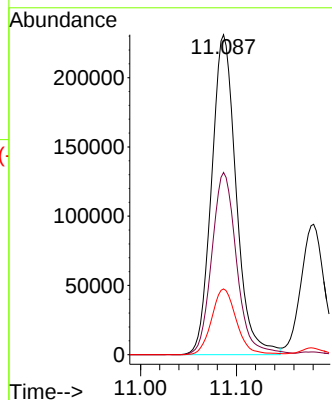
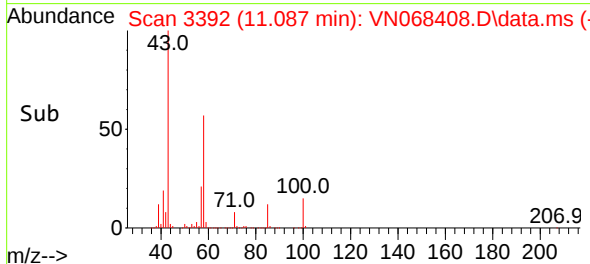




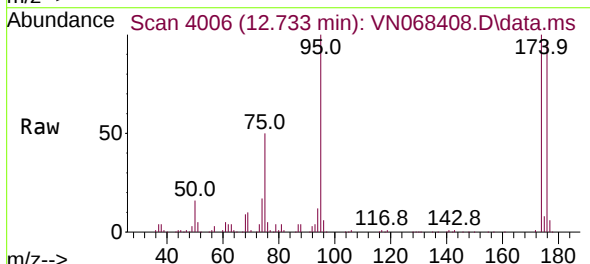
#59
2-Hexanone
Concen: 97.156 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



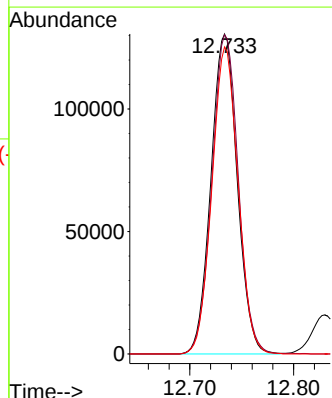
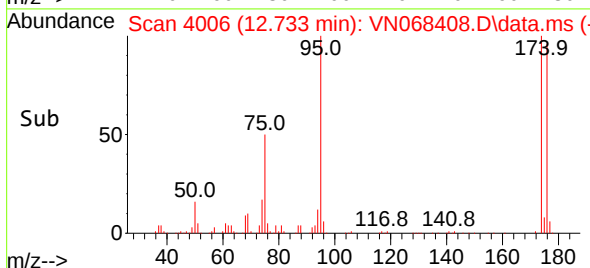
Tgt Ion: 43 Resp: 412106
Ion Ratio Lower Upper
43 100
58 57.7 39.4 59.0
57 20.8 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 30.942 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion: 95 Resp: 230154
Ion Ratio Lower Upper
95 100
174 99.8 47.7 71.5#
176 95.3 45.7 68.5#

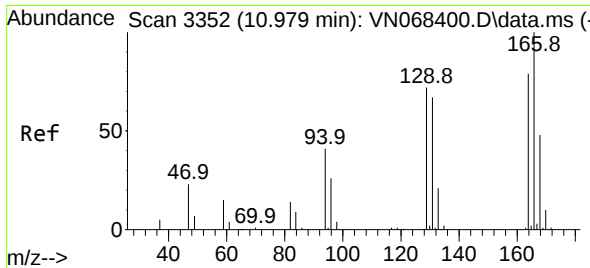


Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

MMDadoda

9/7/2021 4:39:16 PM



#61
Tetrachloroethene
Concen: 17.548 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

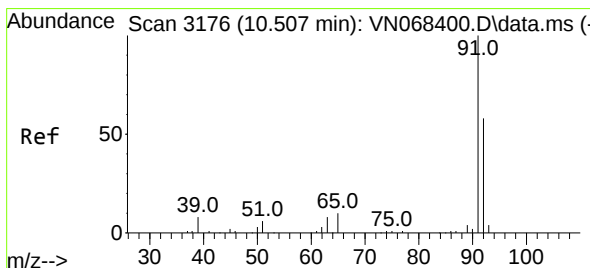
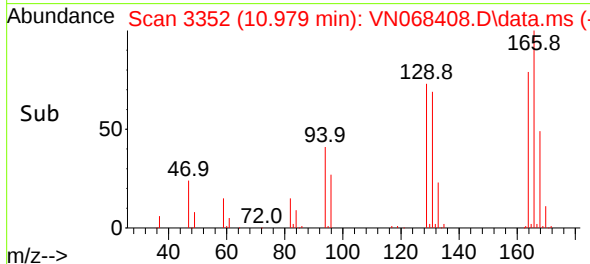
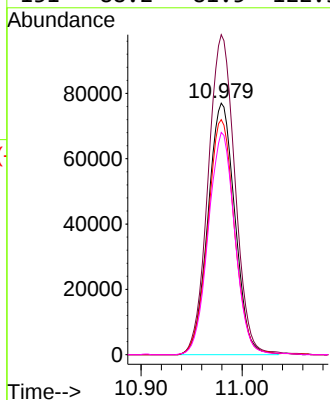
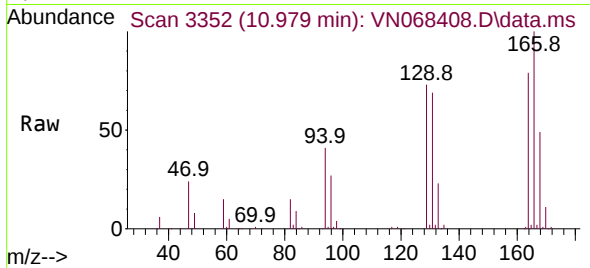
Tgt Ion:164 Resp: 142506
Ion Ratio Lower Upper
164 100
166 127.2 101.0 151.4
129 93.5 85.5 128.3
131 88.2 81.5 122.3

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

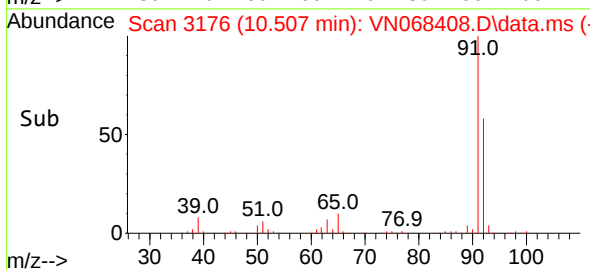
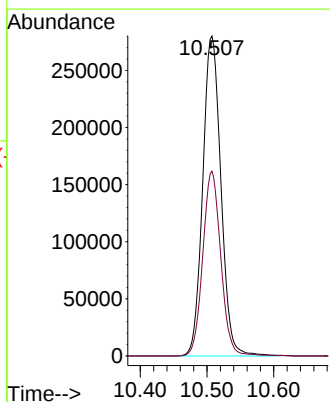
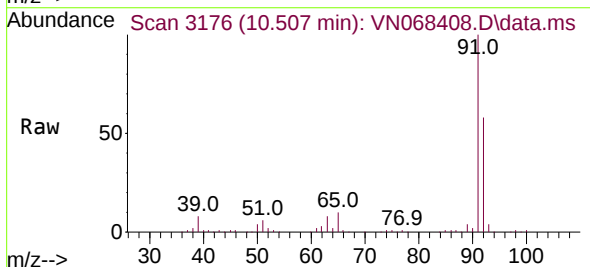
MMDadoda

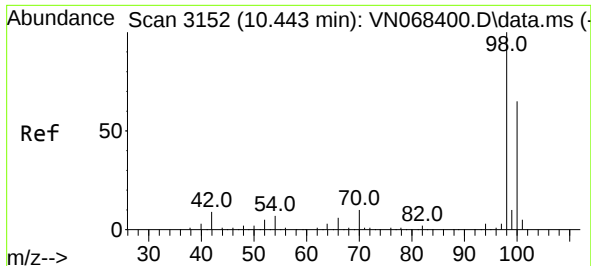
9/7/2021 4:39:16 PM



#62
Toluene
Concen: 18.427 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 91 Resp: 531079
Ion Ratio Lower Upper
91 100
92 57.0 46.1 69.1





#63
Toluene-d8
Concen: 30.588 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

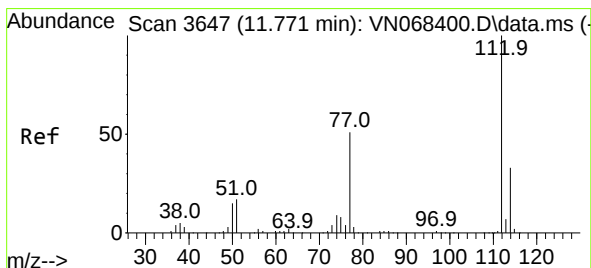
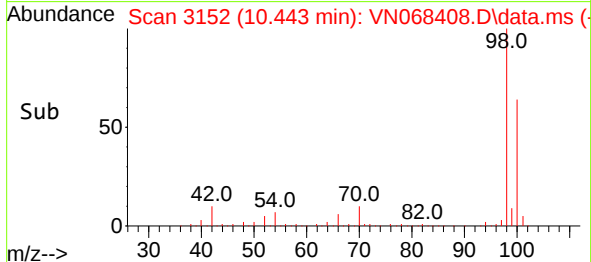
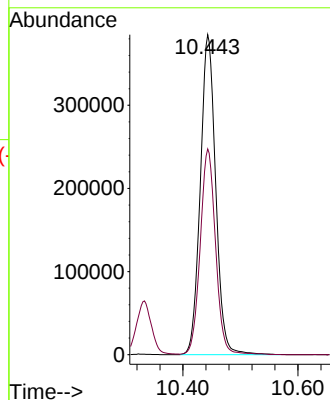
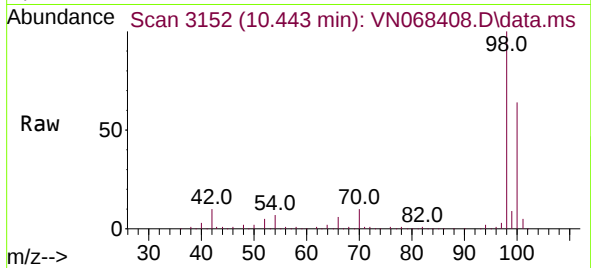
Tgt Ion: 98 Resp: 715471
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

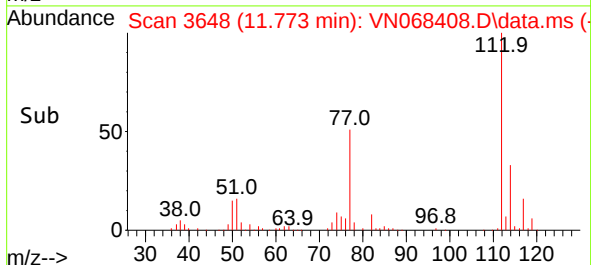
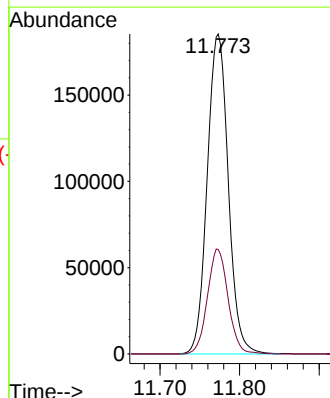
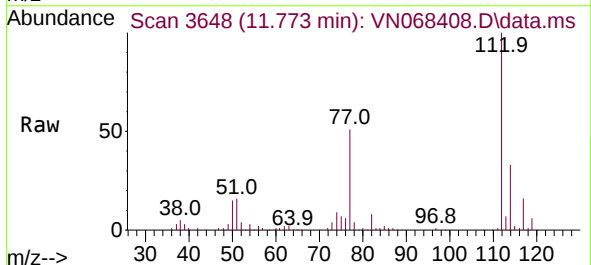
MMDadoda

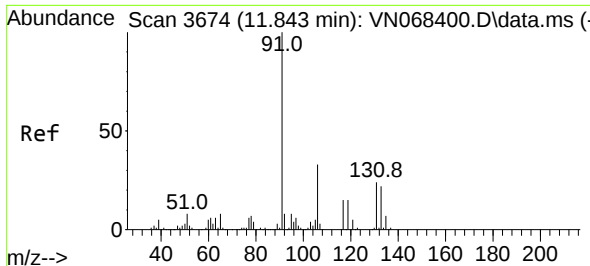
9/7/2021 4:39:16 PM



#64
Chlorobenzene
Concen: 18.350 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 112 Resp: 340947
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0





#65
1,1,1,2-Tetrachloroethane
Concen: 18.212 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

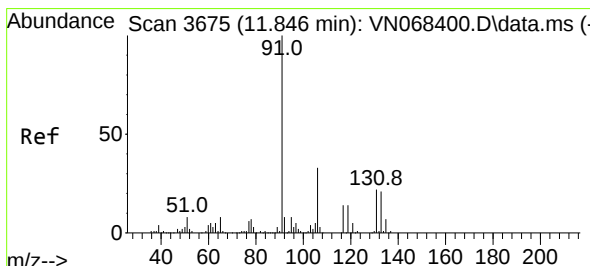
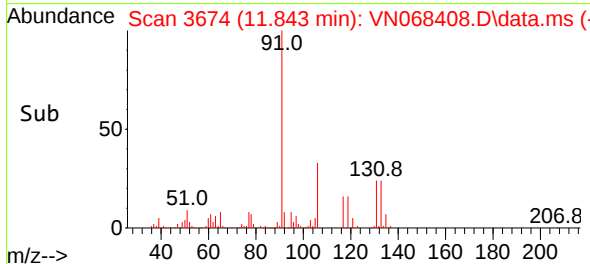
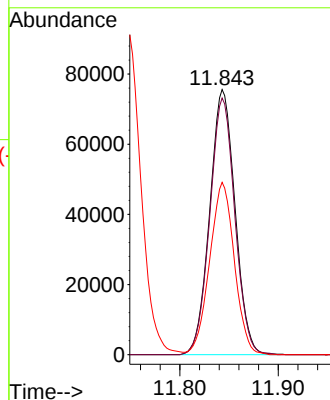
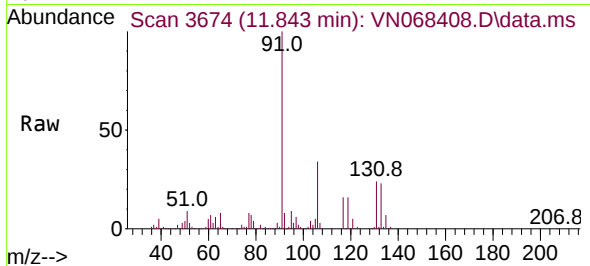
Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	0.0	189.6
119	63.5	0.0	130.0

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

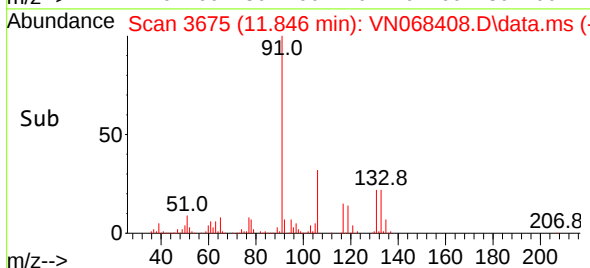
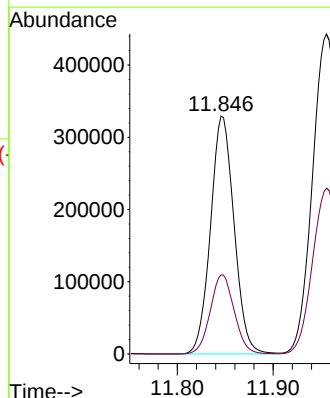
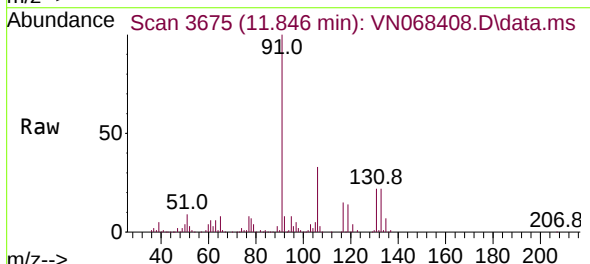
MMDadoda

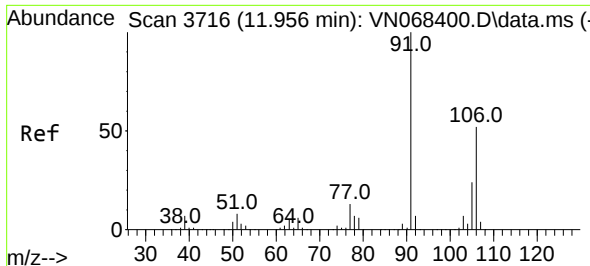
9/7/2021 4:39:16 PM



#66
Ethyl Benzene
Concen: 18.135 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.2	23.4	35.0





#67
m/p-Xylenes
Concen: 36.446 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

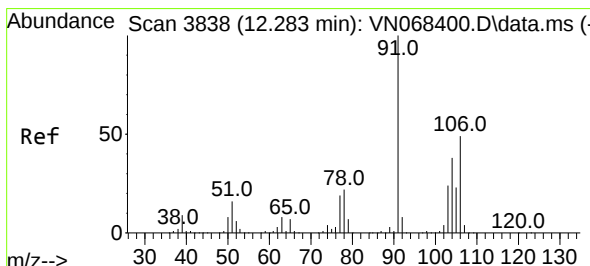
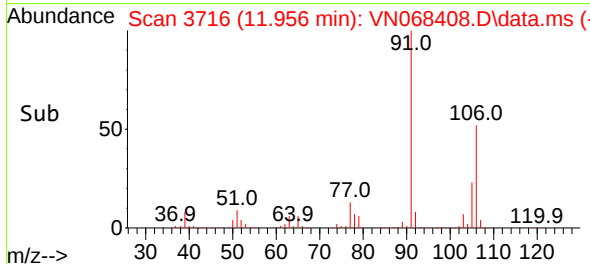
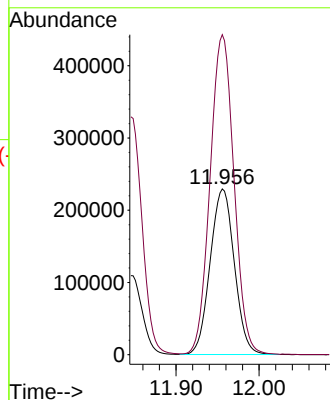
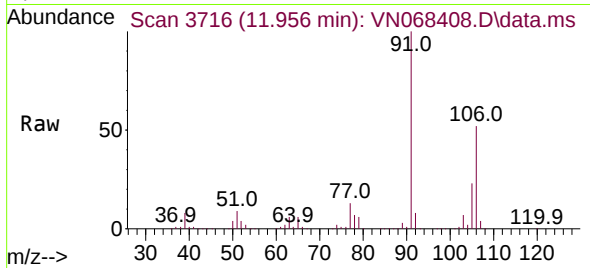
Tgt Ion:106 Resp: 463597
Ion Ratio Lower Upper
106 100
91 191.3 181.3 271.9

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

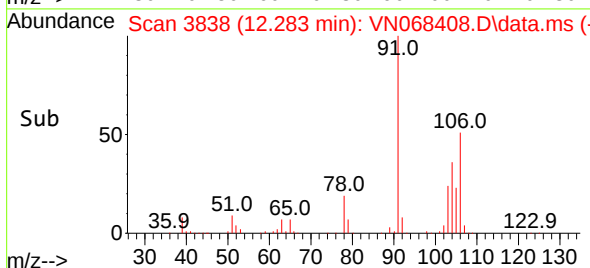
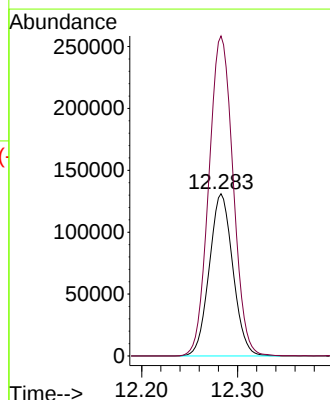
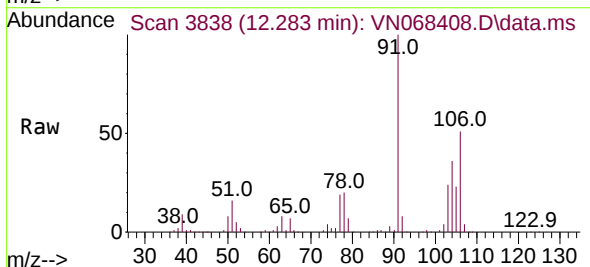
MMDadoda

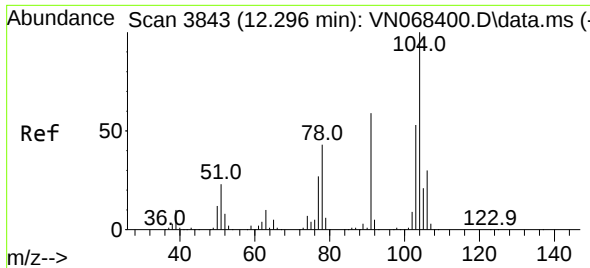
9/7/2021 4:39:16 PM



#68
o-Xylene
Concen: 18.161 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion:106 Resp: 223760
Ion Ratio Lower Upper
106 100
91 203.3 120.0 360.0





#69
Styrene
Concen: 17.984 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

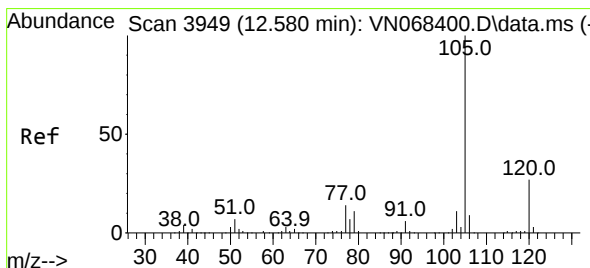
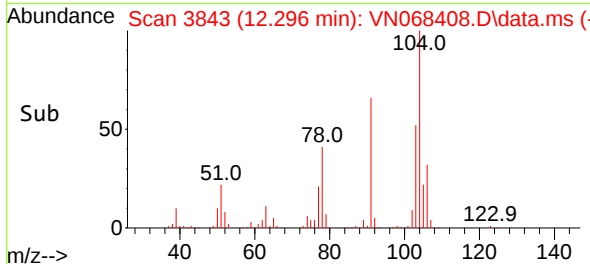
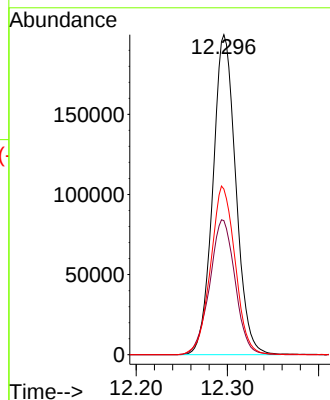
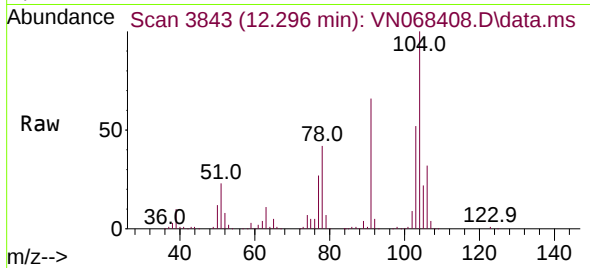
Tgt Ion:104 Resp: 349818
Ion Ratio Lower Upper
104 100
78 46.4 48.2 72.2#
103 56.1 44.5 66.7

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

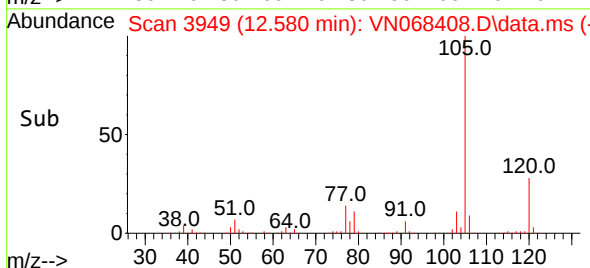
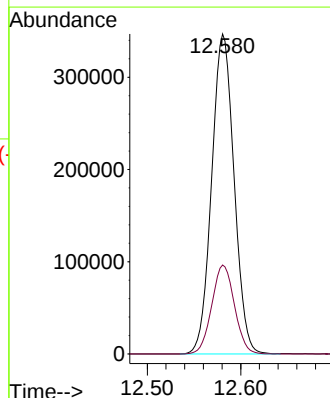
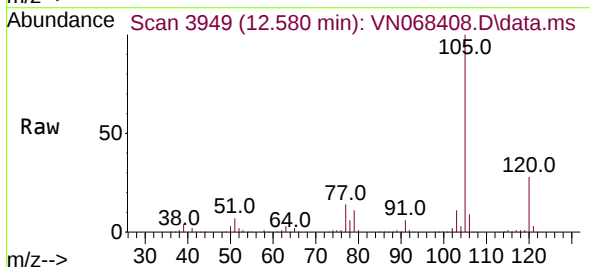
MMDadoda

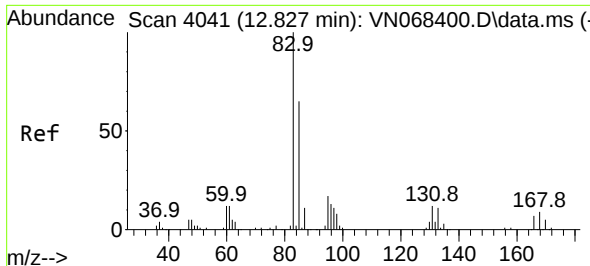
9/7/2021 4:39:16 PM



#70
Isopropylbenzene
Concen: 18.209 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion:105 Resp: 577827
Ion Ratio Lower Upper
105 100
120 28.1 17.6 32.6





#71
1,1,2,2-Tetrachloroethane
Concen: 19.343 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

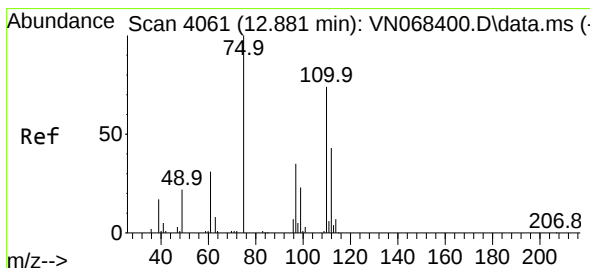
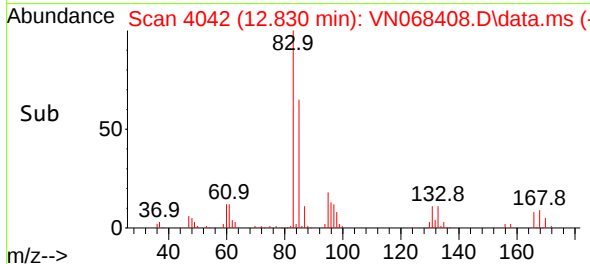
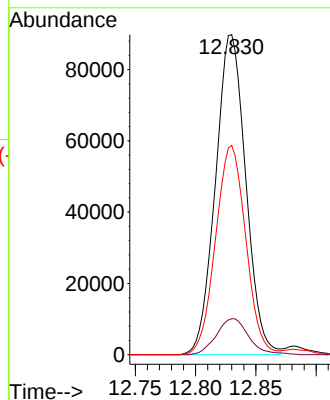
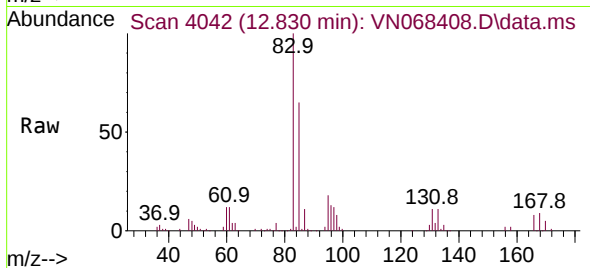
Tgt Ion: 83 Resp: 156981
Ion Ratio Lower Upper
83 100
131 12.0 4.7 14.0
85 65.2 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

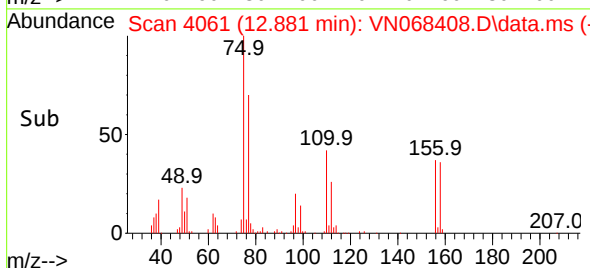
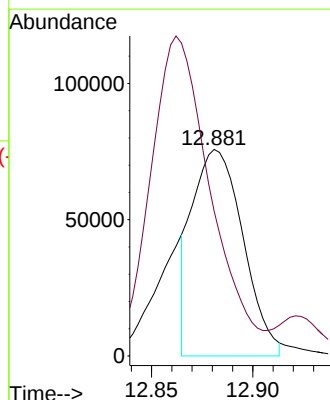
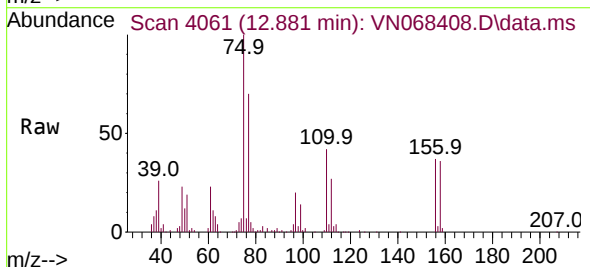
MMDadoda

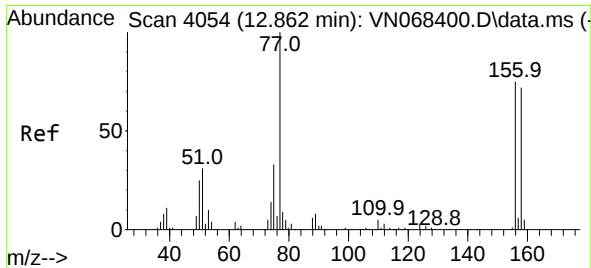
9/7/2021 4:39:16 PM



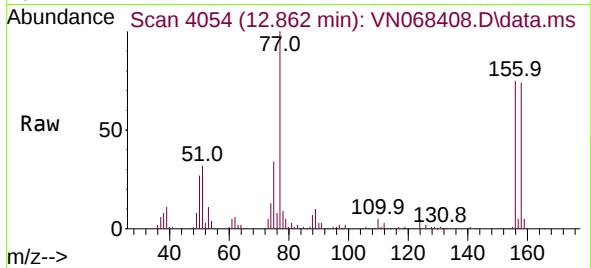
#72
1,2,3-Trichloropropane
Concen: 19.822 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Tgt Ion: 75 Resp: 131874
Ion Ratio Lower Upper
75 100
77 184.1 0.0 374.2

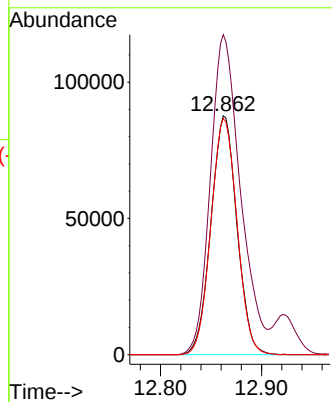
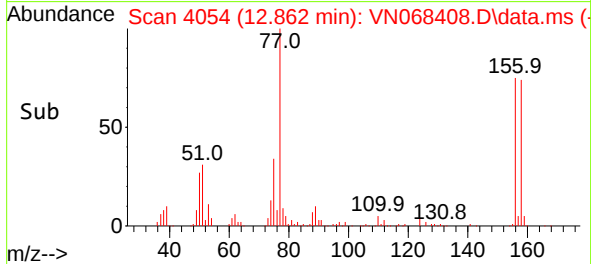




#73
Bromobenzene
Concen: 17.847 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion:156 Resp: 156736
Ion Ratio Lower Upper
156 100
77 154.9 0.0 548.0
158 99.0 0.0 194.0

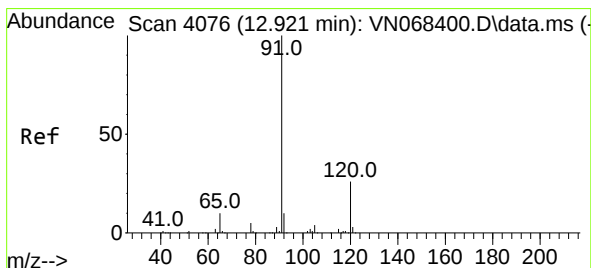


Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

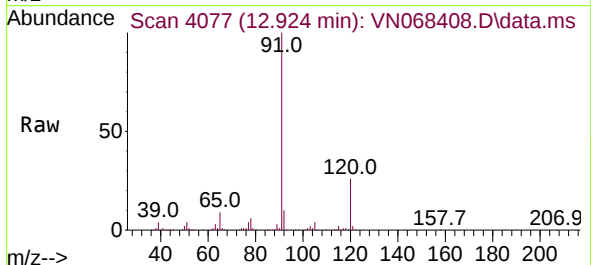
Manual Integrations
APPROVED

MMDadoda

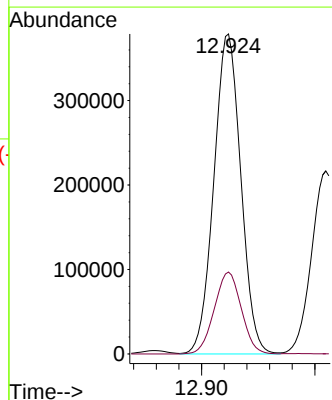
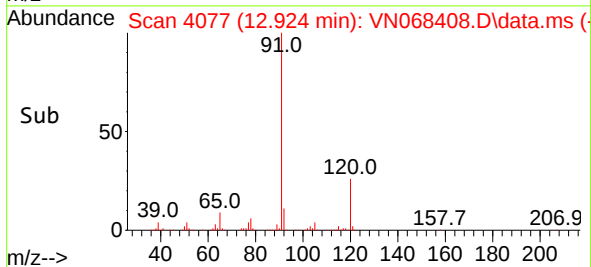
9/7/2021 4:39:16 PM

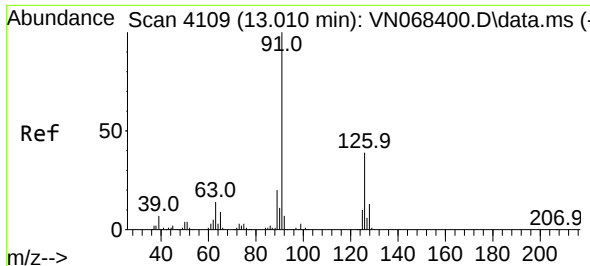


#74
n-propylbenzene
Concen: 18.257 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion: 91 Resp: 625808
Ion Ratio Lower Upper
91 100
120 25.6 0.0 41.0





#75
2-Chlorotoluene
Concen: 18.469 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

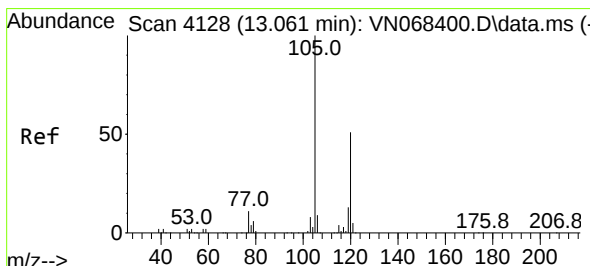
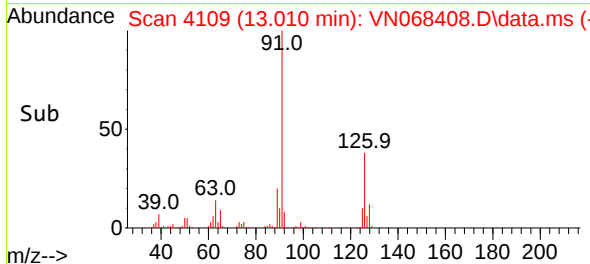
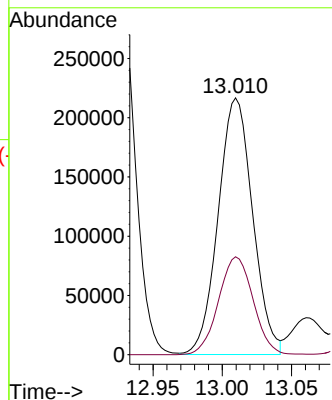
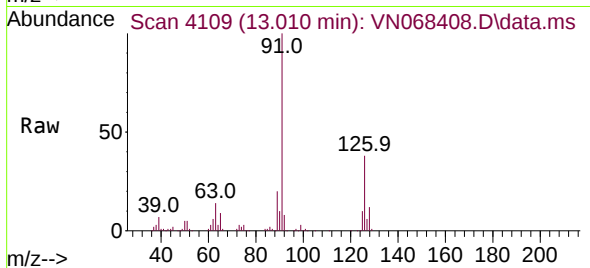
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tgt Ion: 91 Resp: 375712
Ion Ratio Lower Upper
91 100
126 38.3 0.0 0.0#

Manual Integrations
APPROVED

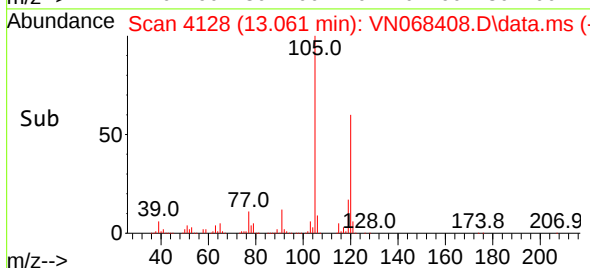
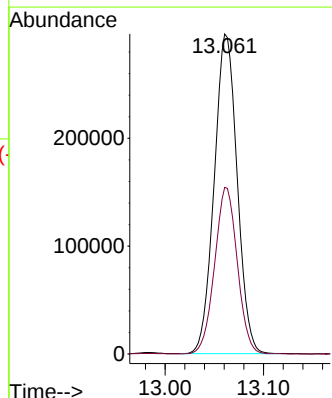
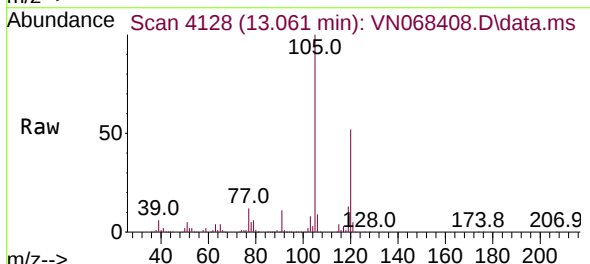
MMDadoda

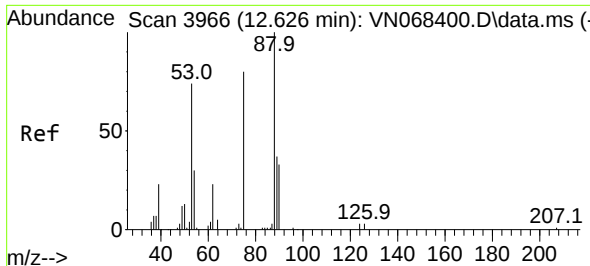
9/7/2021 4:39:16 PM



#76
1,3,5-Trimethylbenzene
Concen: 18.332 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

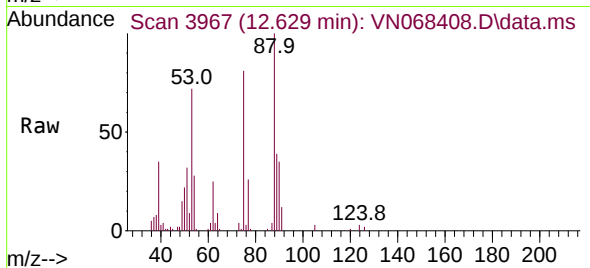
Tgt Ion: 105 Resp: 481309
Ion Ratio Lower Upper
105 100
120 51.3 0.0 90.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.034 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

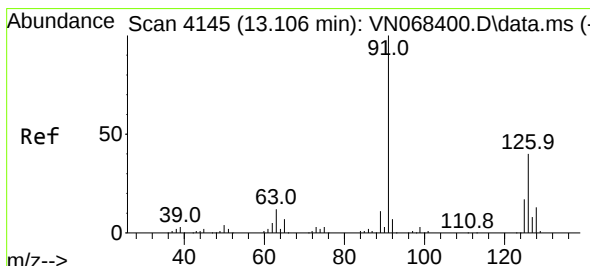
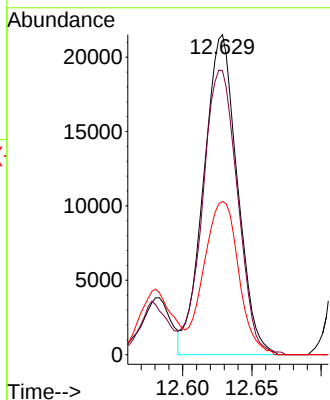
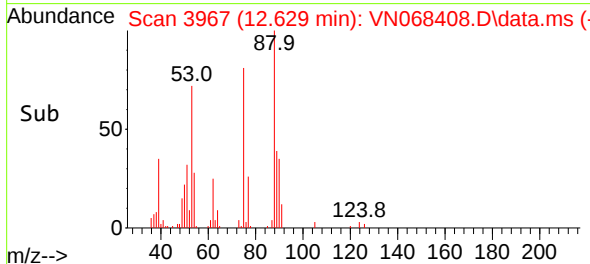


Tgt Ion	Ratio	Lower	Upper
75	100		
53	87.9	55.2	165.6
89	47.9	24.5	73.5

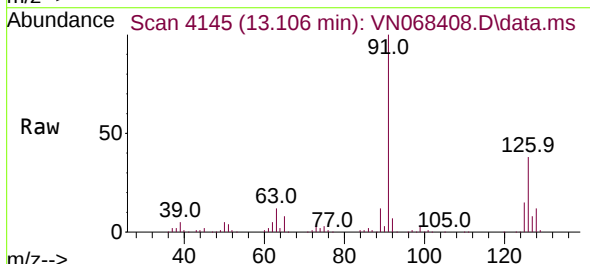
Manual Integrations
APPROVED

MMDadoda

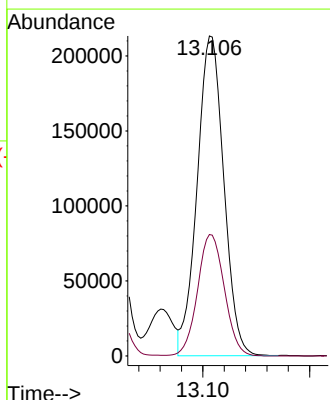
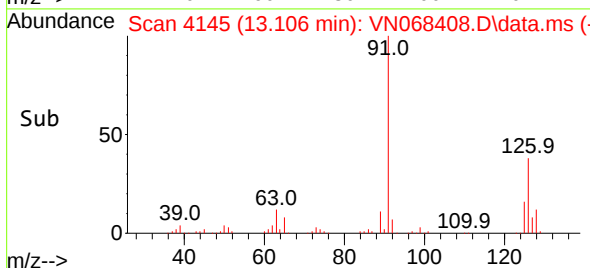
9/7/2021 4:39:16 PM

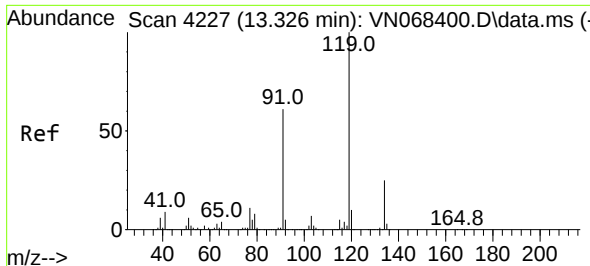


#78
4-Chlorotoluene
Concen: 18.505 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.3	0.0	57.6





#79
tert-butylbenzene
Concen: 18.158 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

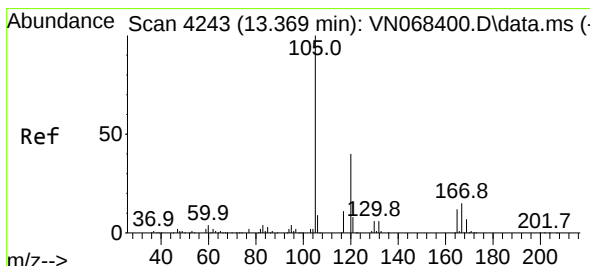
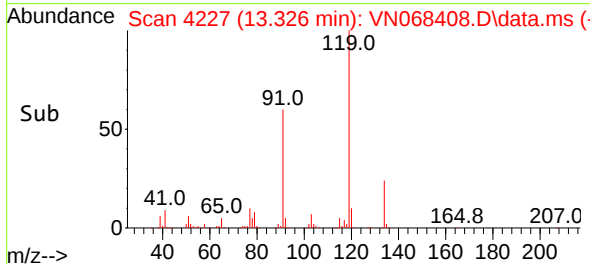
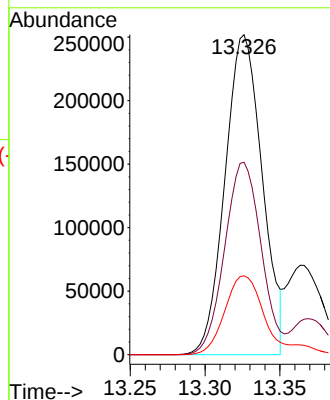
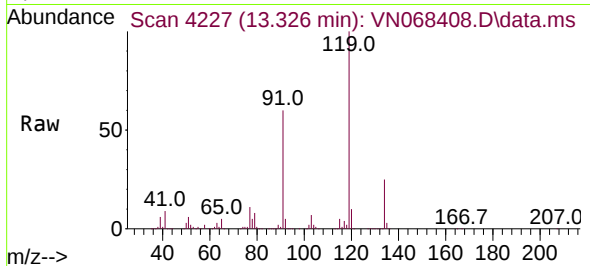
Tgt Ion:119 Resp: 435851
Ion Ratio Lower Upper
119 100
91 59.4 0.0 158.4
134 25.6 0.0 43.6

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

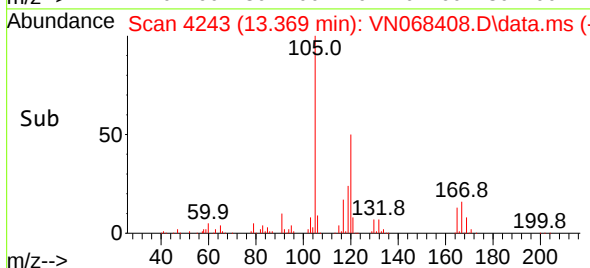
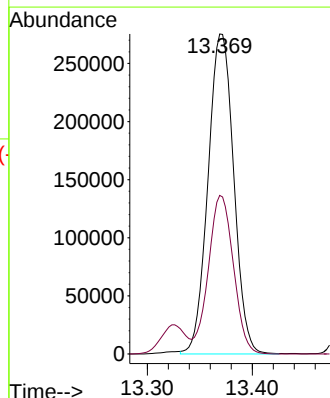
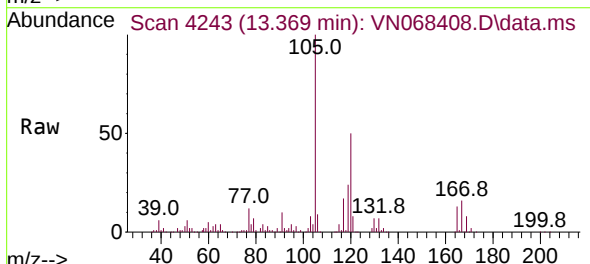
MMDadoda

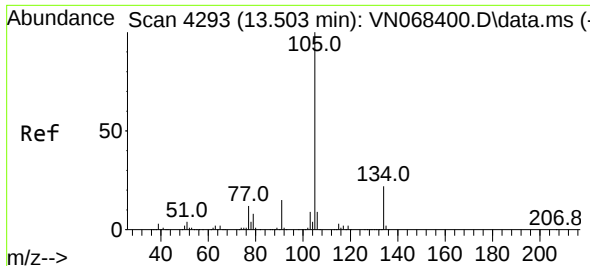
9/7/2021 4:39:16 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.383 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

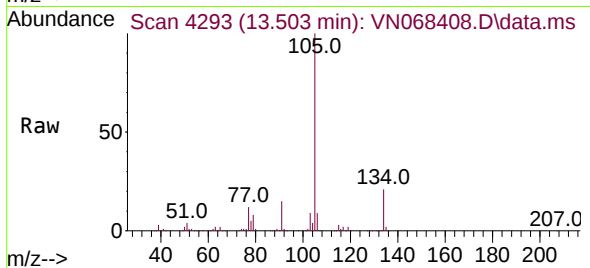
Tgt Ion:105 Resp: 468796
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





#81
 sec-Butylbenzene
 Concen: 17.975 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068408.D
 Acq: 3 Sep 2021 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

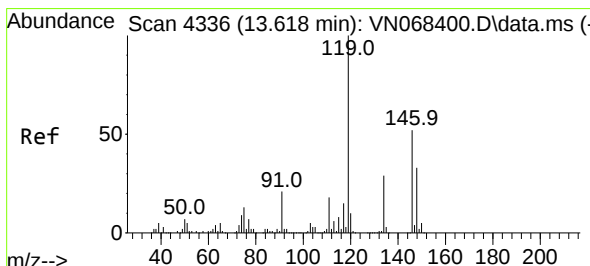
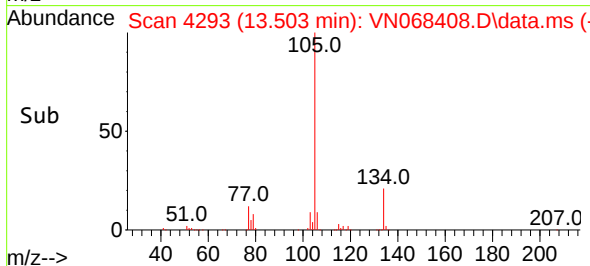
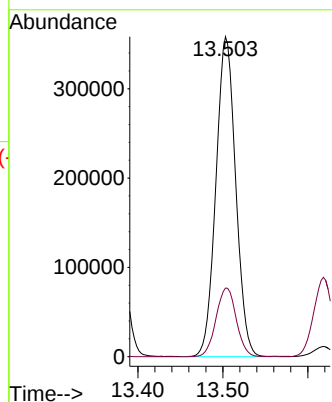


Tgt Ion:105 Resp: 579193
 Ion Ratio Lower Upper
 105 100
 134 22.0 0.0 35.4

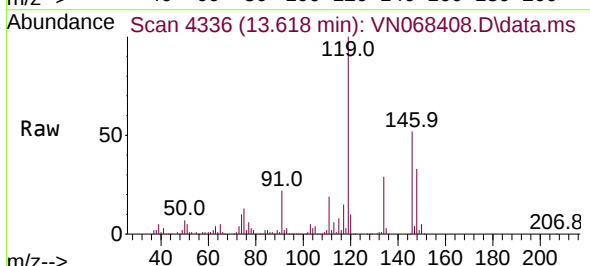
Manual Integrations
 APPROVED

MMDadoda

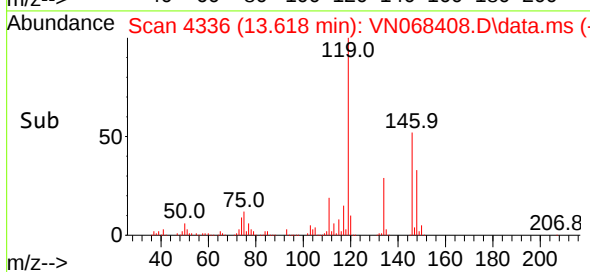
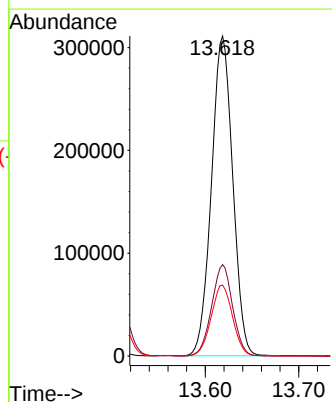
9/7/2021 4:39:16 PM

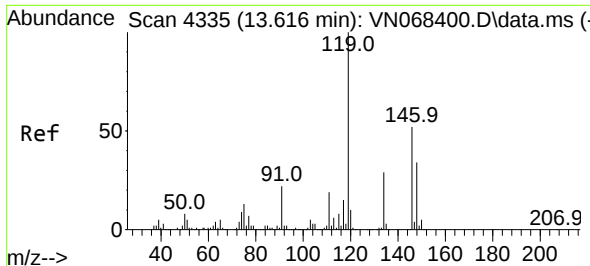


#82
 p-Isopropyltoluene
 Concen: 17.751 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN068408.D
 Acq: 3 Sep 2021 15:38

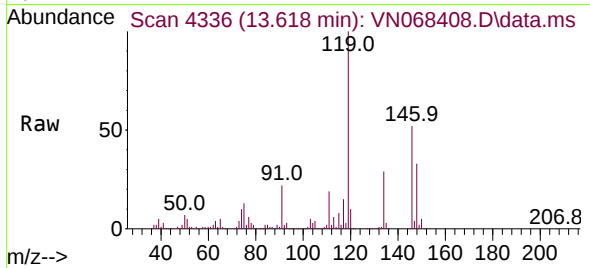


Tgt Ion:119 Resp: 492234
 Ion Ratio Lower Upper
 119 100
 134 28.1 0.0 49.0
 91 22.3 0.0 59.6

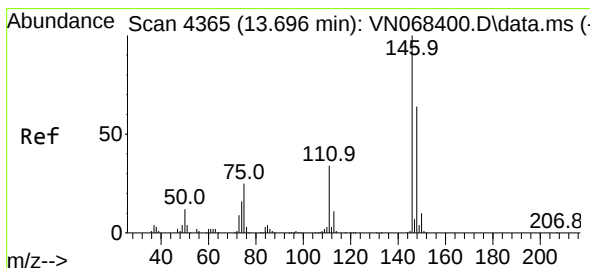
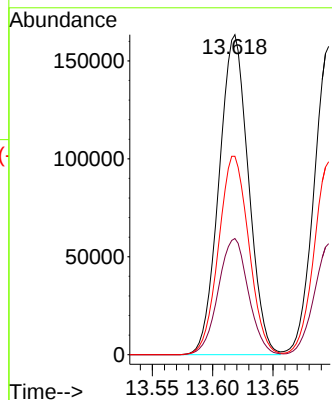
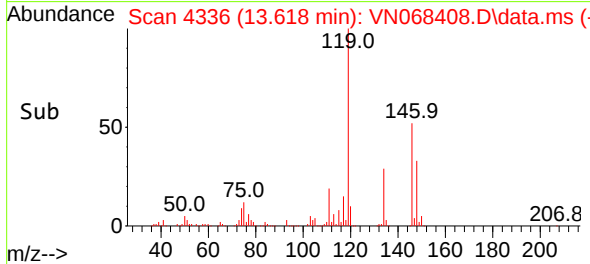




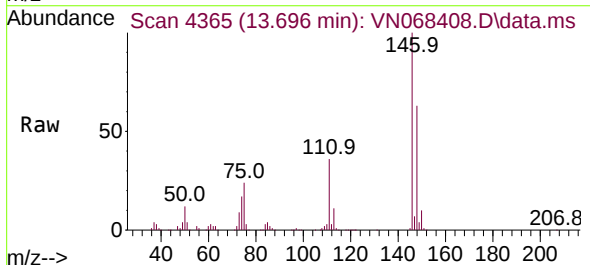
#83
1,3-Dichlorobenzene
Concen: 17.902 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



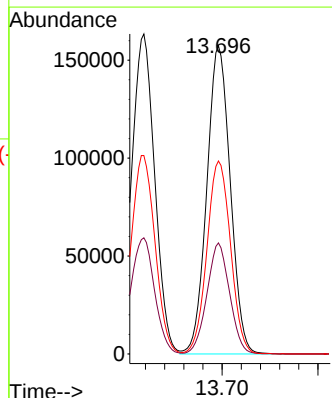
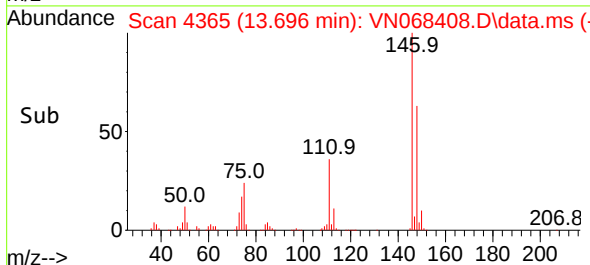
Tgt Ion:146 Resp: 277624
Ion Ratio Lower Upper
146 100
111 37.1 25.0 75.0
148 63.7 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 17.911 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion:146 Resp: 267798
Ion Ratio Lower Upper
146 100
111 34.8 23.6 71.0
148 63.0 31.8 95.3

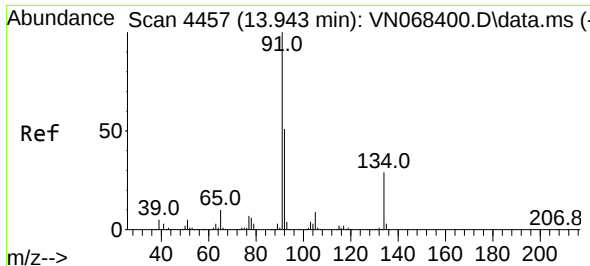


Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

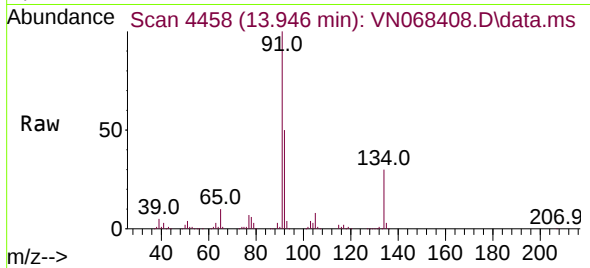
MMDadoda

9/7/2021 4:39:16 PM



#85
n-Butylbenzene
Concen: 16.965 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

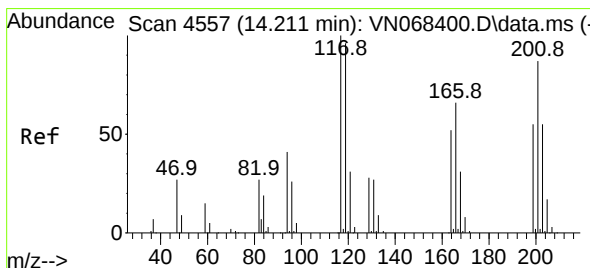
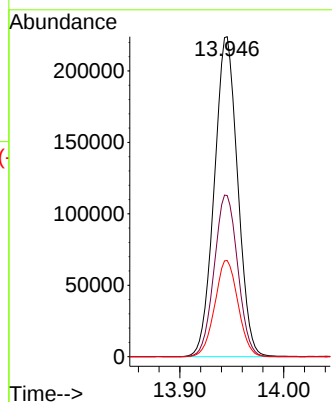


Tgt Ion: 91 Resp: 350762
Ion Ratio Lower Upper
91 100
92 50.9 0.0 103.0
134 29.8 0.0 43.6

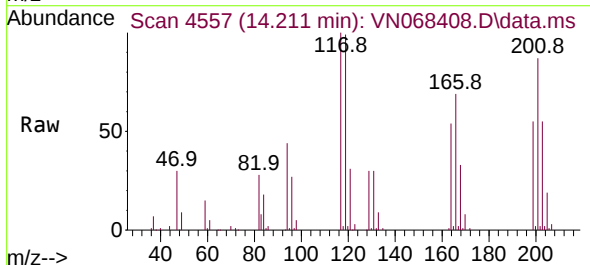
Manual Integrations
APPROVED

MMDadoda

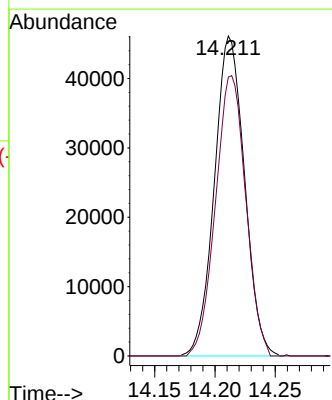
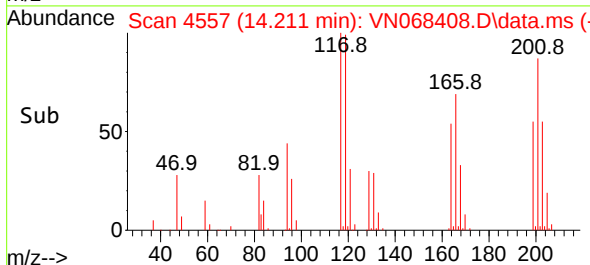
9/7/2021 4:39:16 PM

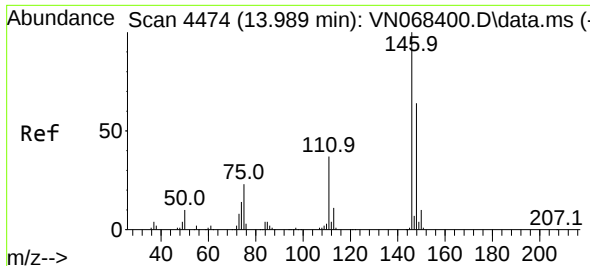


#86
Hexachloroethane
Concen: 17.056 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion: 117 Resp: 80006
Ion Ratio Lower Upper
117 100
201 88.2 33.3 99.9





#87

1,2-Dichlorobenzene

Concen: 18.052 ug/l

RT: 13.991 min Scan# 4475

Delta R.T. 0.003 min

Lab File: VN068408.D

Acq: 3 Sep 2021 15:38

Tgt Ion:	146	Resp:	266112
Ion Ratio	Lower	Upper	
146	100		
111	37.4	25.0	75.0
148	65.2	32.0	96.0

Instrument :

MSVOA_N

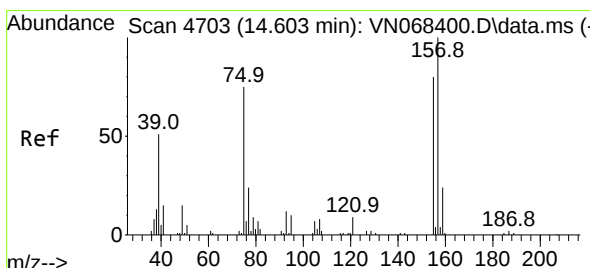
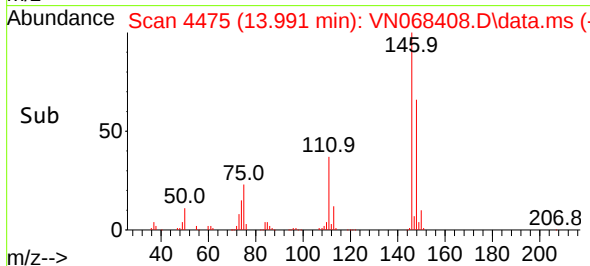
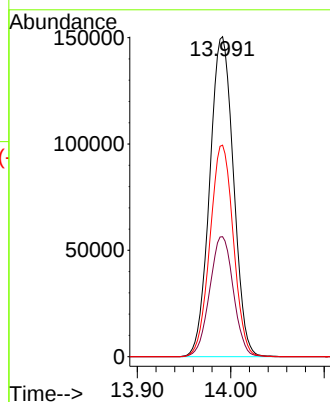
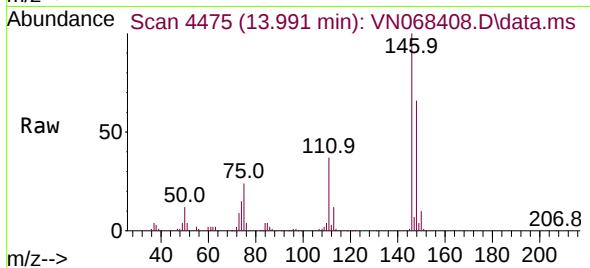
ClientSampleId :

VN0903WBSD01

Manual Integrations
APPROVED

MMDadoda

9/7/2021 4:39:16 PM



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.769 ug/l

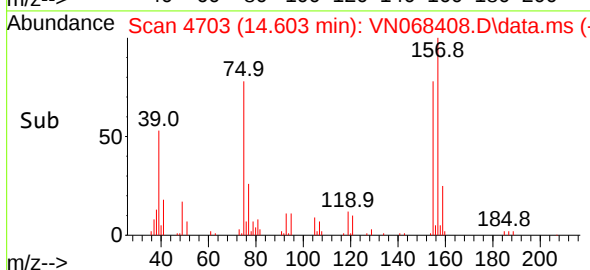
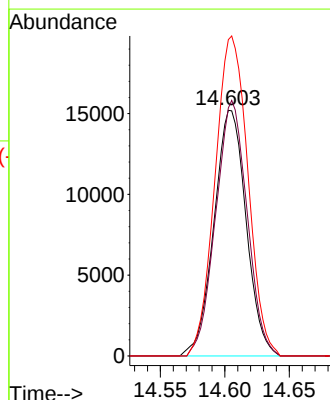
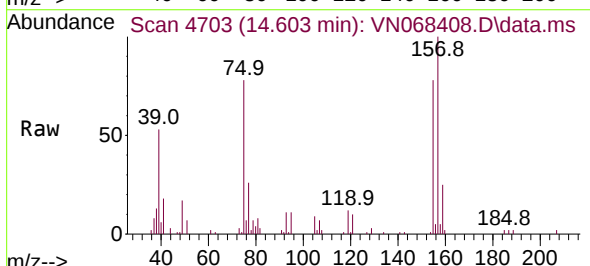
RT: 14.603 min Scan# 4703

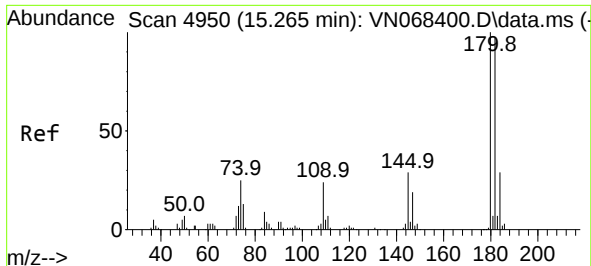
Delta R.T. -0.000 min

Lab File: VN068408.D

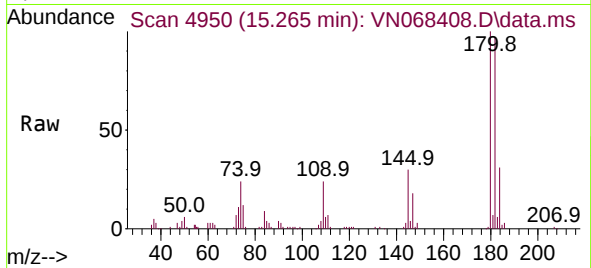
Acq: 3 Sep 2021 15:38

Tgt Ion:	75	Resp:	26363
Ion Ratio	Lower	Upper	
75	100		
155	101.7	45.3	67.9#
157	133.1	58.6	87.8#

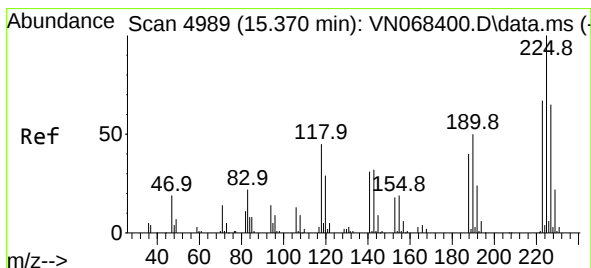
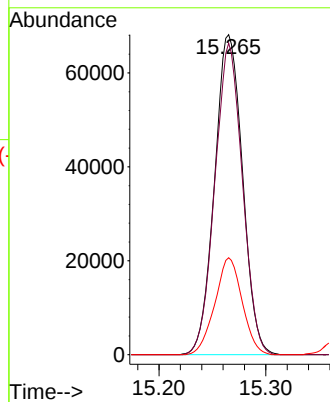
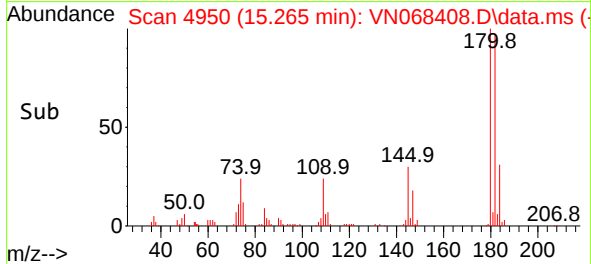




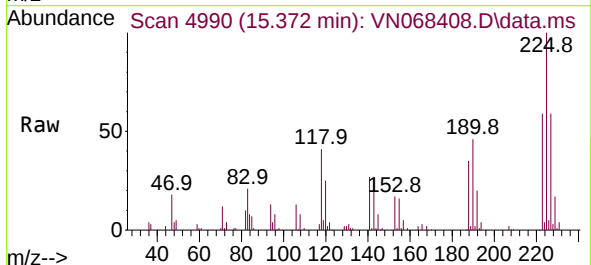
#89
1,2,4-Trichlorobenzene
Concen: 15.681 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



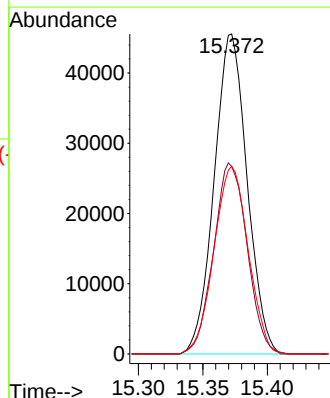
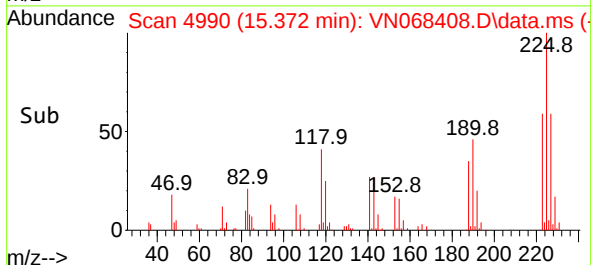
Tgt Ion:180 Resp: 124165
Ion Ratio Lower Upper
180 100
182 95.7 75.9 113.9
145 29.6 28.8 43.2



#90
Hexachlorobutadiene
Concen: 17.387 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion:225 Resp: 80910
Ion Ratio Lower Upper
225 100
223 60.7 0.0 129.6
227 60.9 0.0 131.2

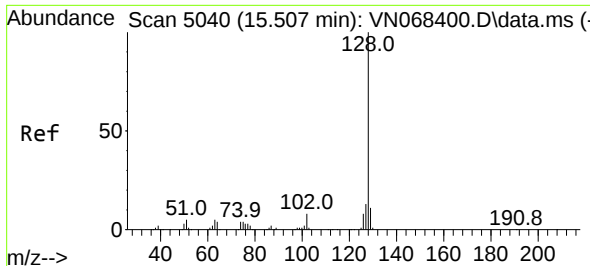


Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

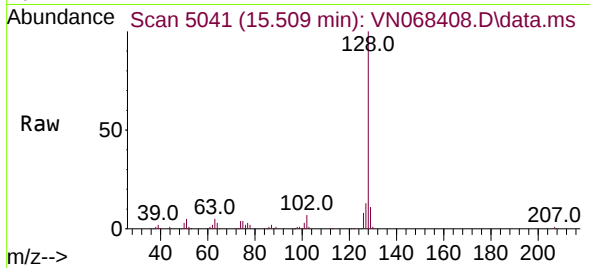
Manual Integrations
APPROVED

MMDadoda

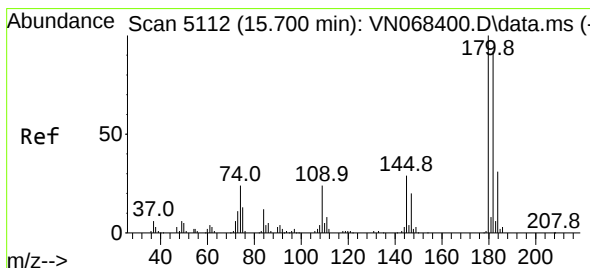
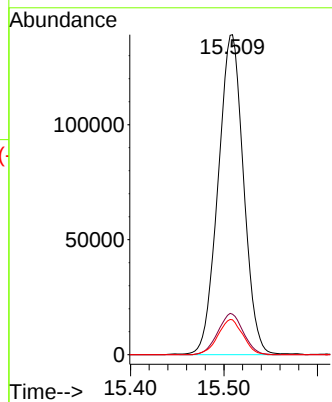
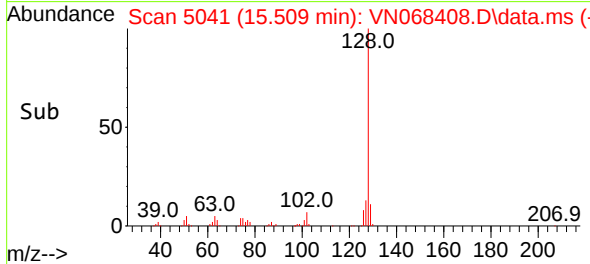
9/7/2021 4:39:16 PM



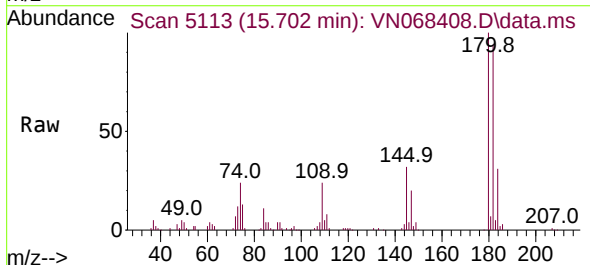
#91
Naphthalene
Concen: 15.736 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



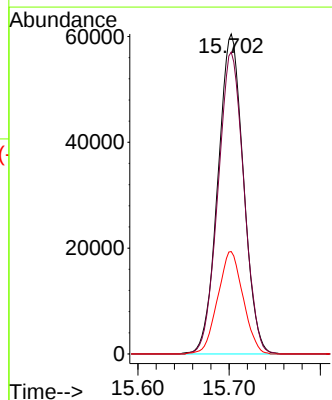
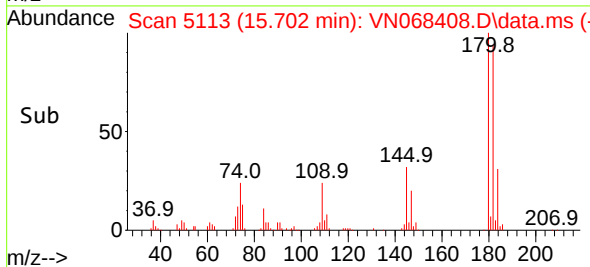
Tgt Ion:128 Resp: 263389
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 15.614 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.003 min
Lab File: VN068408.D
Acq: 3 Sep 2021 15:38



Tgt Ion:180 Resp: 117596
Ion Ratio Lower Upper
180 100
182 95.3 0.0 184.6
145 31.8 0.0 76.0



Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Manual Integrations
APPROVED

MMDadoda

9/7/2021 4:39:16 PM