

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068738.D
 Acq On : 29 Sep 2021 13:25
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:14 PM

Quant Time: Sep 29 13:53:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 13:49:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	464755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	782078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	802567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	396972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	471988	65.792	ug/l	100
3) Chloromethane	2.301	50	446940	55.977	ug/l	100
4) Vinyl Chloride	2.443	62	878294	110.402	ug/l	97
5) Bromomethane	2.829	94	723465	147.716	ug/l	98
6) Chloroethane	3.003	64	708183	130.427	ug/l	99
7) Trichlorofluoromethane	3.368	101	765914	69.514	ug/l	99
8) Diethyl Ether	3.824	74	262588	59.054	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.210	101	448775	74.165	ug/l	93
10) Methyl Iodide	4.422	142	475635	73.198	ug/l	94
11) Tert butyl alcohol	5.363	59	428365	301.399	ug/l #	86
12) 1,1-Dichloroethene	4.181	96	388401	65.964	ug/l	85
13) Acrolein	4.038	56	65544	60.751	ug/l	99
14) Allyl chloride	4.843	41	667154	52.587	ug/l #	89
15) Acrylonitrile	5.551	53	1197125	314.036	ug/l	99
16) Acetone	4.283	43	1040392	305.226	ug/l	95
17) Carbon Disulfide	4.532	76	846047	45.703	ug/l	100
18) Methyl Acetate	4.851	43	724613	74.404	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	1764844	74.661	ug/l	97
20) Methylene Chloride	5.095	84	496886	62.235	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	465472	72.705	ug/l	86
22) Diisopropyl ether	6.495	45	1684414	66.491	ug/l #	95
23) Vinyl Acetate	6.433	43	6698778m	314.605	ug/l	
24) 1,1-Dichloroethane	6.388	63	912702	65.764	ug/l	97
25) 2-Butanone	7.332	43	1744917	331.527	ug/l	91
26) 2,2-Dichloropropane	7.327	77	924858	76.984	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	613433	79.938	ug/l	85
28) Bromochloromethane	7.659	49	478101	71.918	ug/l #	72
29) Tetrahydrofuran	7.678	42	1105808	333.944	ug/l	89
30) Chloroform	7.817	83	1104259	81.168	ug/l	100
31) Cyclohexane	8.096	56	734666	53.394	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	1020374	88.905	ug/l	97
36) 1,1-Dichloropropene	8.222	75	735550	87.289	ug/l	95
37) Ethyl Acetate	7.412	43	729595	82.703	ug/l	99
38) Carbon Tetrachloride	8.206	117	882791	116.649	ug/l	97
39) Methylcyclohexane	9.461	83	870299	89.485	ug/l	89
40) Benzene	8.461	78	2240712	89.889	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068738.D
 Acq On : 29 Sep 2021 13:25
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:14 PM

Quant Time: Sep 29 13:53:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 13:49:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	355258	79.487	ug/l	88
42) 1,2-Dichloroethane	8.531	62	859922	93.682	ug/l	97
43) Isopropyl Acetate	8.560	43	1313209	85.411	ug/l	97
44) Trichloroethene	9.217	130	595421	115.260	ug/l	87
45) 1,2-Dichloropropane	9.491	63	579711	85.615	ug/l	96
46) Dibromomethane	9.577	93	449507	105.344	ug/l	94
47) Bromodichloromethane	9.764	83	936404	107.603	ug/l	99
48) Methyl methacrylate	9.561	41	582611	87.505	ug/l #	85
49) 1,4-Dioxane	9.569	88	191941	1975.677	ug/l	86
51) 4-Methyl-2-Pentanone	10.330	43	4237361	468.714	ug/l	95
52) Toluene	10.507	92	1593608	107.248	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	1042988	108.451	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	1033608	98.711	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	654262	113.462	ug/l	97
56) Ethyl methacrylate	10.762	69	1020321	100.989	ug/l	93
57) 1,3-Dichloropropane	11.046	76	1046152	98.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1280797	566.439	ug/l	91
59) 2-Hexanone	11.087	43	3018986	474.984	ug/l	94
60) Dibromochloromethane	11.240	129	772880	143.837	ug/l	100
61) 1,2-Dibromoethane	11.347	107	680066	120.118	ug/l	100
64) Tetrachloroethene	10.979	164	538547	102.728	ug/l	96
65) Chlorobenzene	11.773	112	1818955	109.399	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	726594	127.406	ug/l	99
67) Ethyl Benzene	11.848	91	3393209	101.863	ug/l	97
68) m/p-Xylenes	11.956	106	2598777	226.523	ug/l	87
69) o-Xylene	12.283	106	1305611	115.427	ug/l	87
70) Styrene	12.296	104	2267503	122.220	ug/l	93
71) Bromoform	12.460	173	572097	149.126	ug/l #	99
73) Isopropylbenzene	12.581	105	3538153	90.641	ug/l	97
74) N-amyl acetate	12.390	43	1215960	67.492	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	953579	76.491	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	745043m	68.147	ug/l	
77) Bromobenzene	12.862	156	778590	105.379	ug/l	73
78) n-propylbenzene	12.924	91	4044528	84.977	ug/l	95
79) 2-Chlorotoluene	13.010	91	2299053	80.773	ug/l	89
80) 1,3,5-Trimethylbenzene	13.063	105	2888356	90.788	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	333155	84.034	ug/l	90
82) 4-Chlorotoluene	13.106	91	2354464	84.056	ug/l	90
83) tert-Butylbenzene	13.326	119	2552801	99.831	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	2886731	92.110	ug/l	94
85) sec-Butylbenzene	13.503	105	3691795	97.100	ug/l	96
86) p-Isopropyltoluene	13.618	119	3162774	110.120	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	1524923	112.703	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	1470133	108.993	ug/l	95
89) n-Butylbenzene	13.946	91	2712738	96.444	ug/l	97
90) Hexachloroethane	14.214	117	565401	104.157	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	1402077	107.069	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	172873	78.166	ug/l	70
93) 1,2,4-Trichlorobenzene	15.265	180	712383	120.447	ug/l	99
94) Hexachlorobutadiene	15.372	225	335842	111.301	ug/l	99
95) Naphthalene	15.509	128	1923948	108.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	662994	121.309	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
Data File : VN068738.D
Acq On : 29 Sep 2021 13:25
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

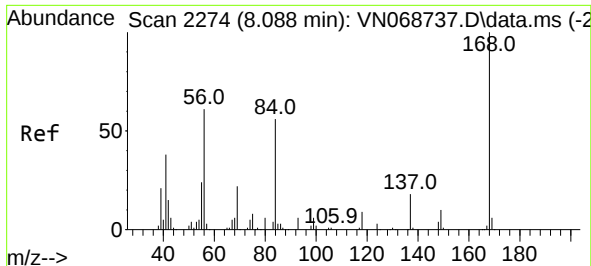
Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:14 PM

Quant Time: Sep 29 13:53:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 29 13:49:35 2021
Response via : Initial Calibration

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

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



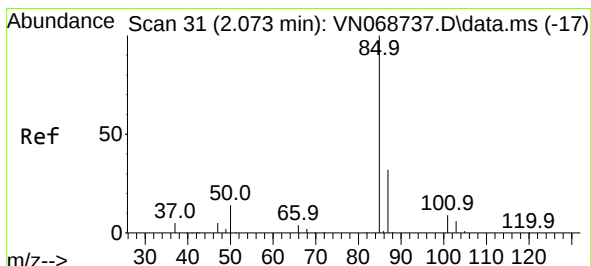
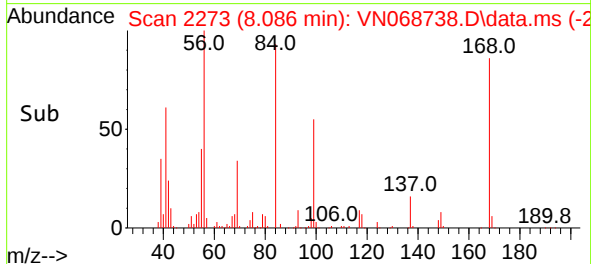
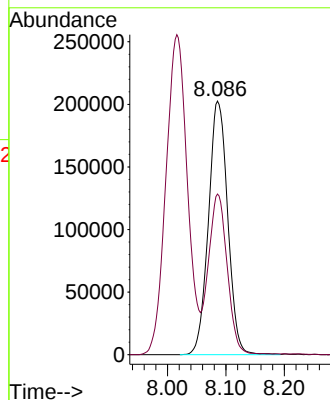
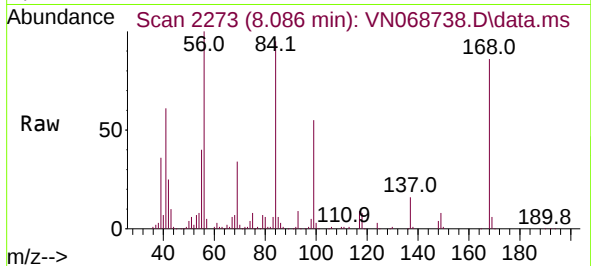
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 168 Resp: 464755
Ion Ratio Lower Upper
168 100
99 63.1 62.9 94.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

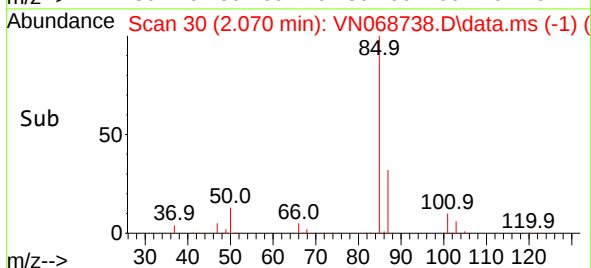
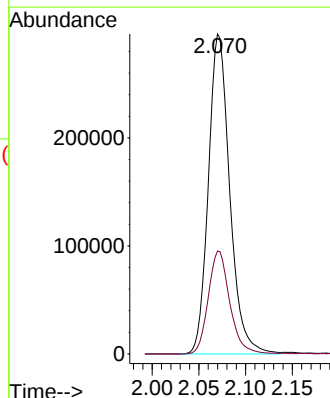
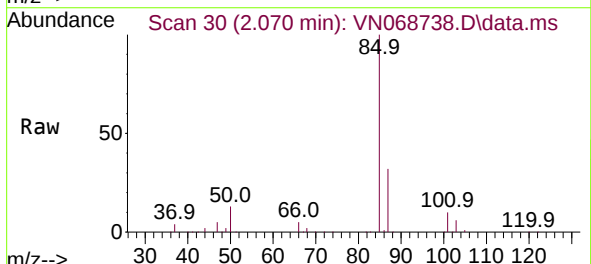
Manual Integrations
APPROVED

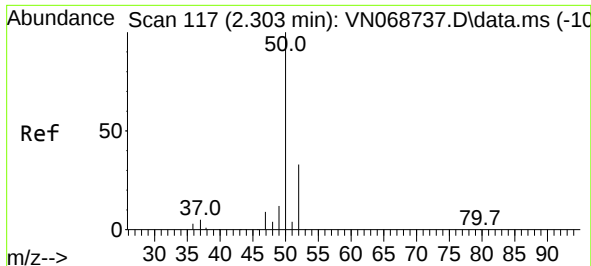
MMDadoda
9/30/2021 6:18:14 PM



#2
Dichlorodifluoromethane
Concen: 65.792 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

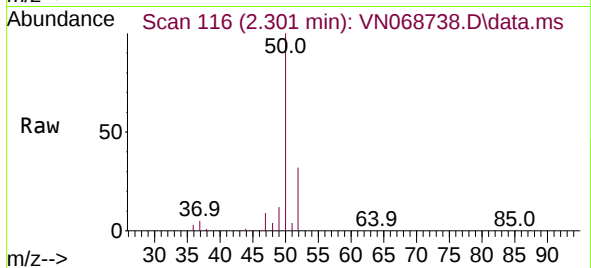
Tgt Ion: 85 Resp: 471988
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





#3
Chloromethane
Concen: 55.977 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

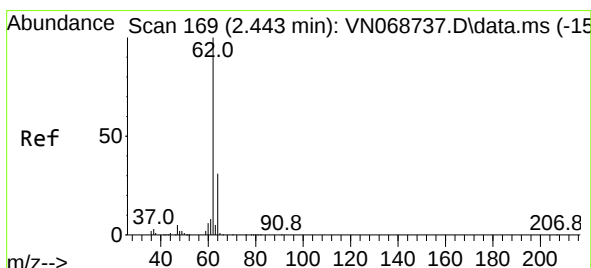
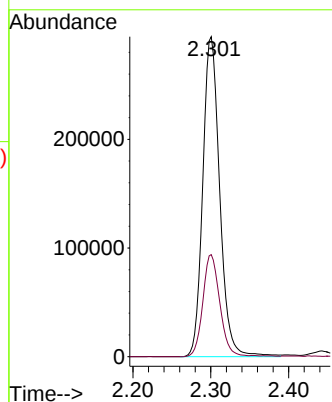
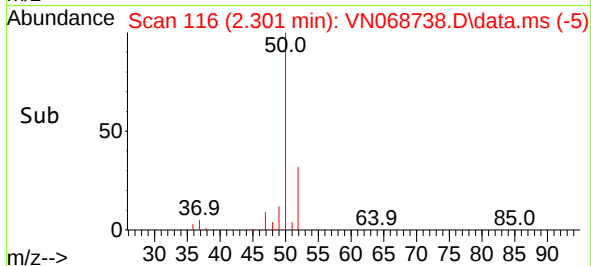
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



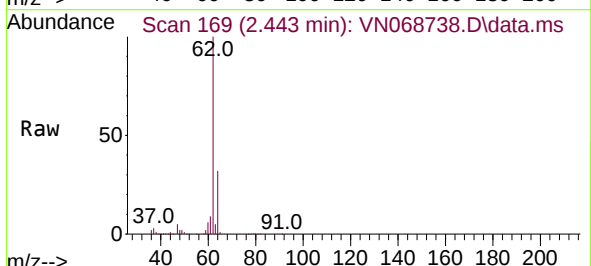
Tgt Ion: 50 Resp: 446940
Ion Ratio Lower Upper
50 100
52 31.9 25.6 38.4

Manual Integrations
APPROVED

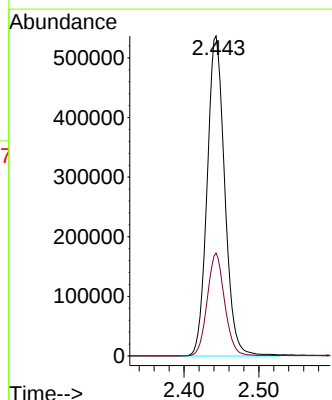
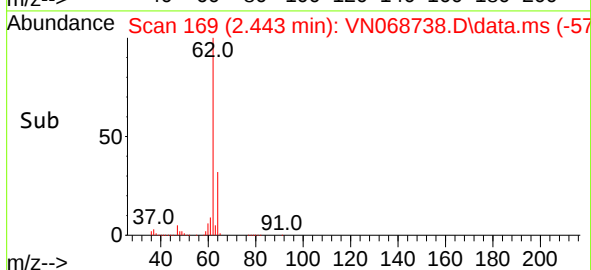
MMDadoda
9/30/2021 6:18:14 PM

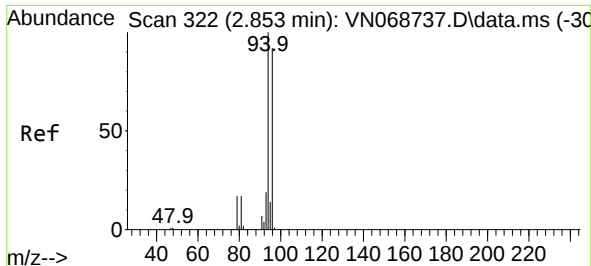


#4
Vinyl Chloride
Concen: 110.402 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



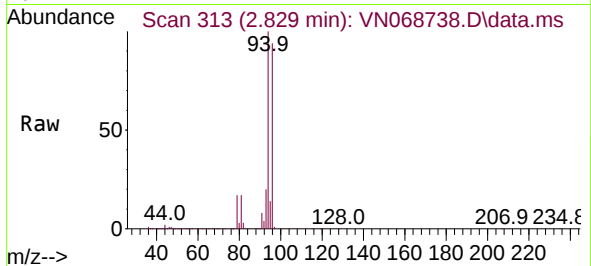
Tgt Ion: 62 Resp: 878294
Ion Ratio Lower Upper
62 100
64 32.1 24.4 36.6





#5
Bromomethane
Concen: 147.716 ug/l
RT: 2.829 min Scan# 313
Delta R.T. -0.024 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

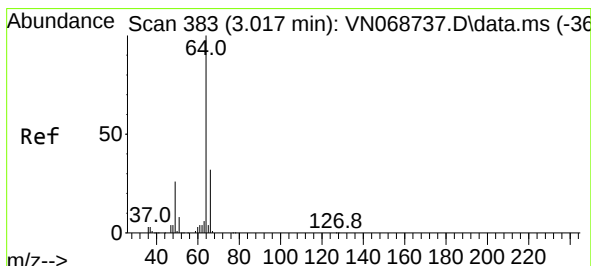
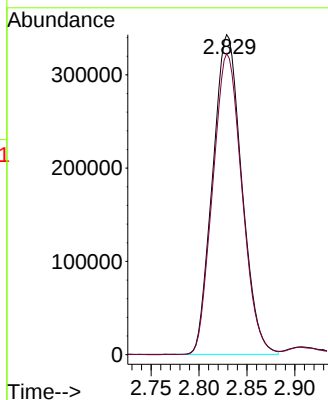
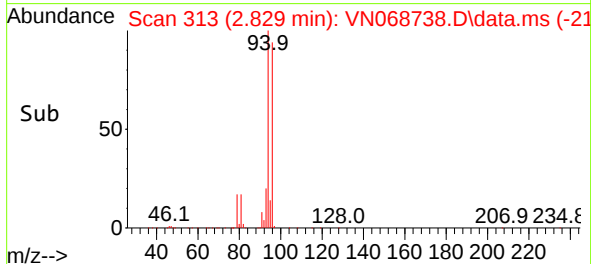
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



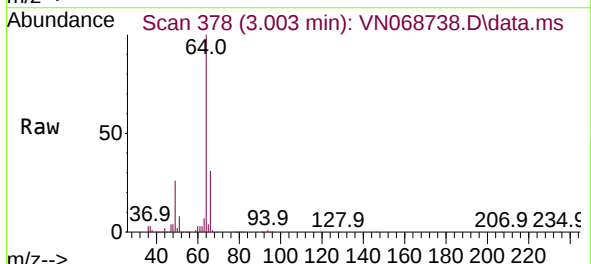
Tgt Ion: 94 Resp: 723465
Ion Ratio Lower Upper
94 100
96 94.1 73.7 110.5

Manual Integrations
APPROVED

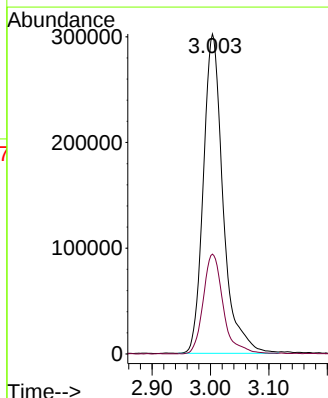
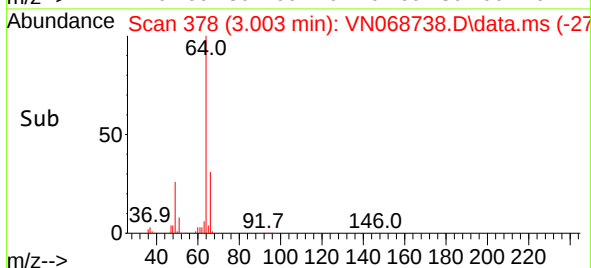
MMDadoda
9/30/2021 6:18:14 PM

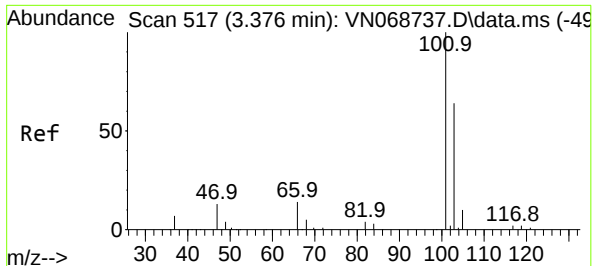


#6
Chloroethane
Concen: 130.427 ug/l
RT: 3.003 min Scan# 378
Delta R.T. -0.013 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



Tgt Ion: 64 Resp: 708183
Ion Ratio Lower Upper
64 100
66 31.2 24.7 37.1





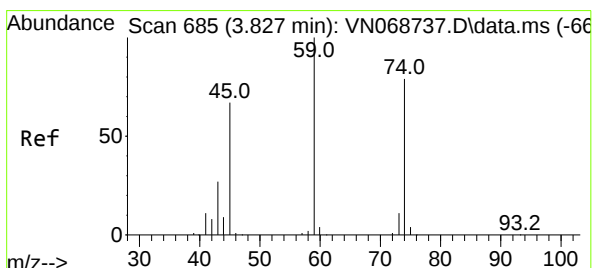
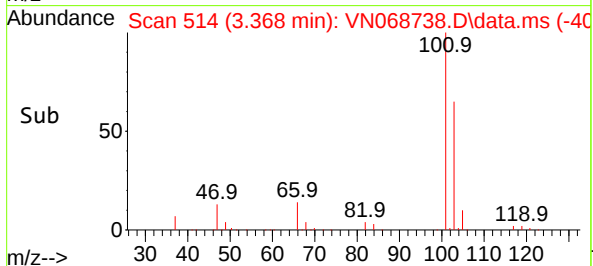
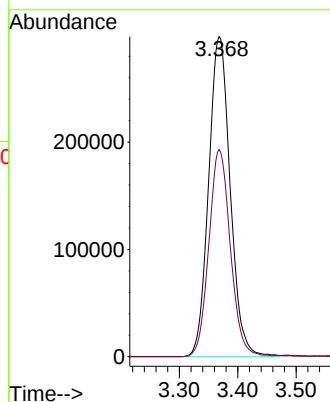
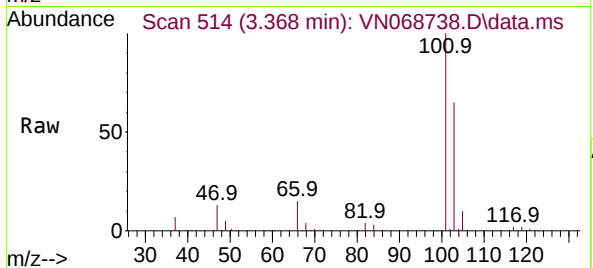
#7
Trichlorofluoromethane
Concen: 69.514 ug/l
RT: 3.368 min Scan# 514
Delta R.T. -0.008 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion:101 Resp: 765914
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

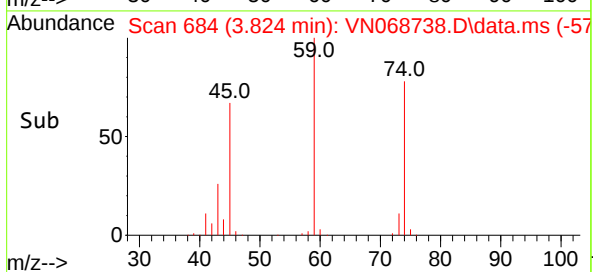
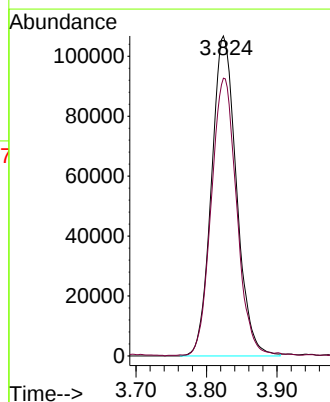
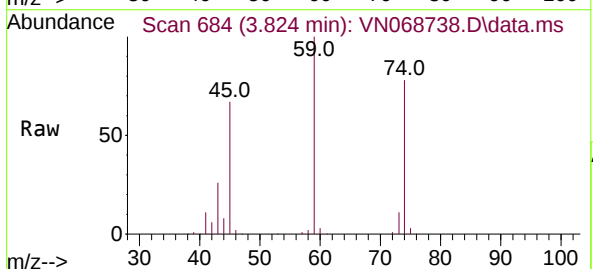
Manual Integrations
APPROVED

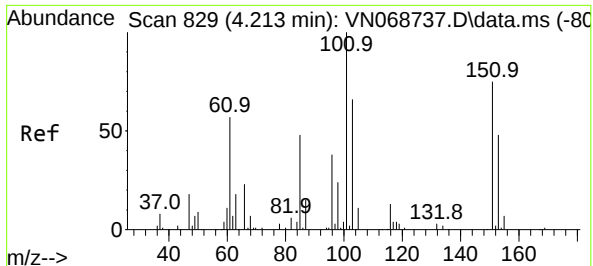
MMDadoda
9/30/2021 6:18:14 PM



#8
Diethyl Ether
Concen: 59.054 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 74 Resp: 262588
Ion Ratio Lower Upper
74 100
45 87.3 50.2 150.7





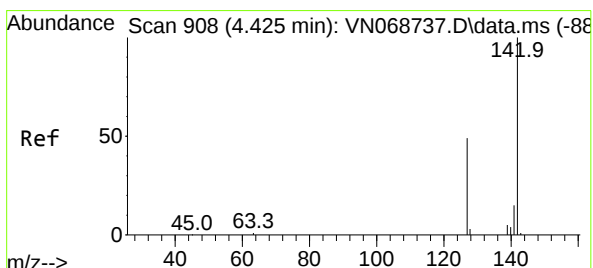
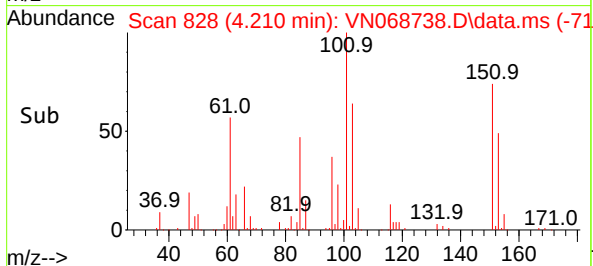
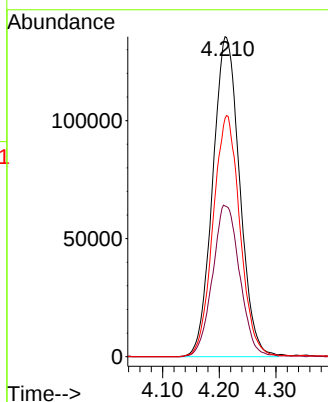
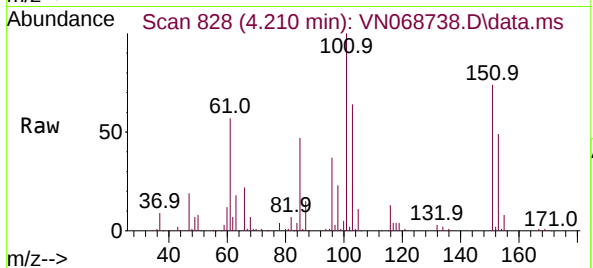
#9
1,1,2-Trichlorotrifluoroethane
Concen: 74.165 ug/l
RT: 4.210 min Scan# 828
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion:101 Resp: 448775
Ion Ratio Lower Upper
101 100
85 47.7 39.6 59.4
151 75.2 54.1 81.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

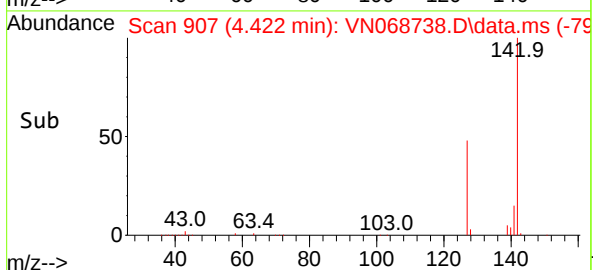
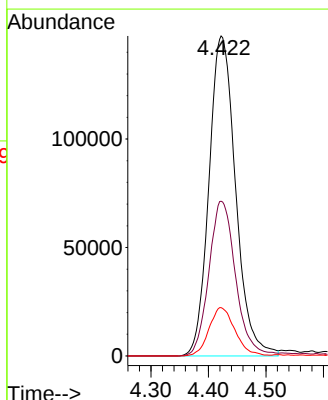
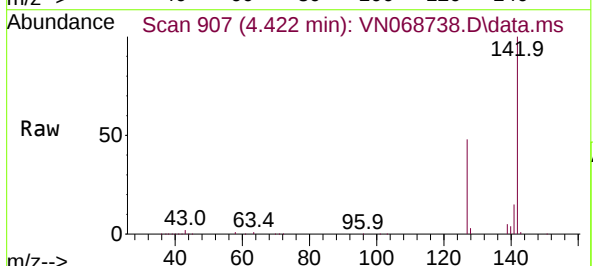
Manual Integrations
APPROVED

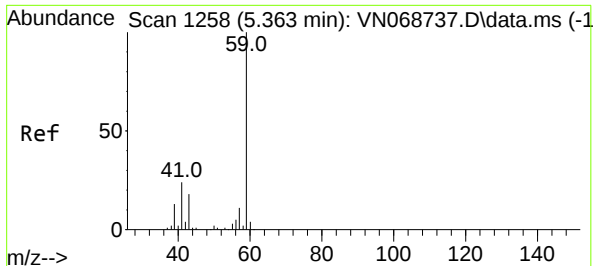
MMDadoda
9/30/2021 6:18:14 PM



#10
Methyl Iodide
Concen: 73.198 ug/l
RT: 4.422 min Scan# 907
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion:142 Resp: 475635
Ion Ratio Lower Upper
142 100
127 48.4 43.1 64.7
141 14.8 11.4 17.0





#11

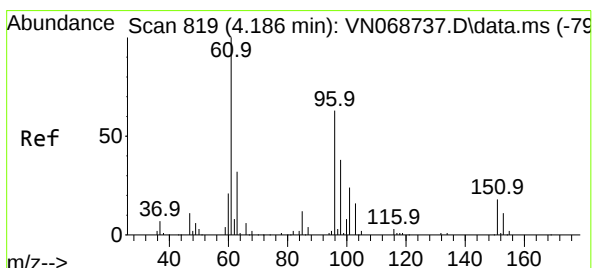
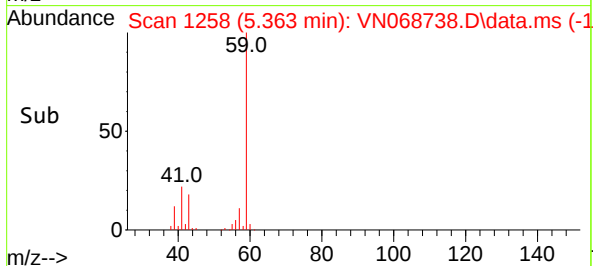
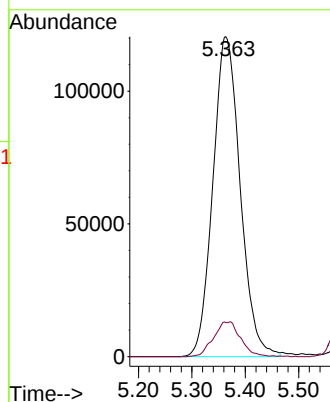
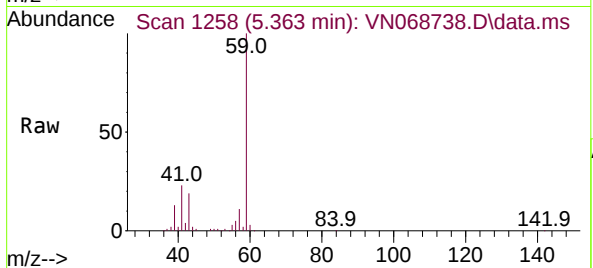
Tert butyl alcohol
Concen: 301.399 ug/l
RT: 5.363 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 59 Resp: 428365
Ion Ratio Lower Upper
59 100
57 5.6 8.7 13.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

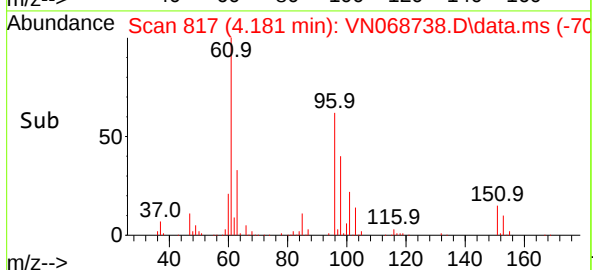
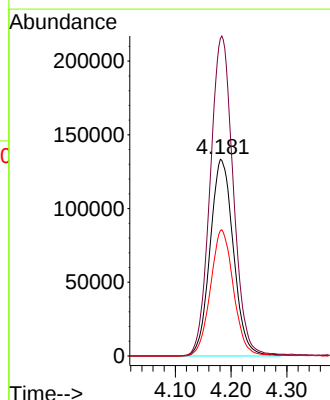
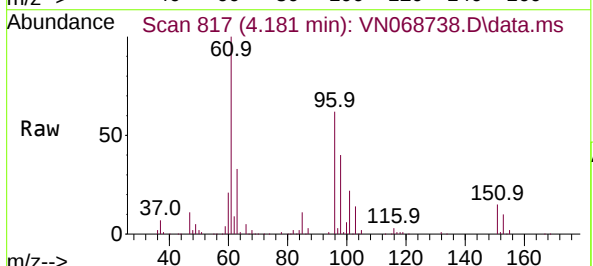
MMDadoda
9/30/2021 6:18:14 PM

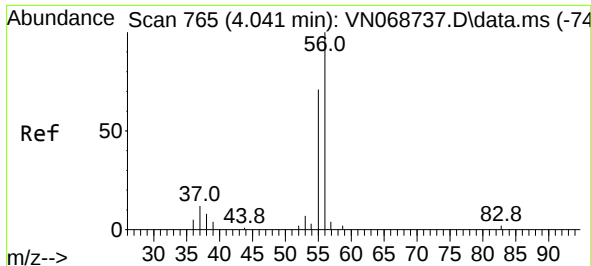


#12

1,1-Dichloroethene
Concen: 65.964 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.005 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

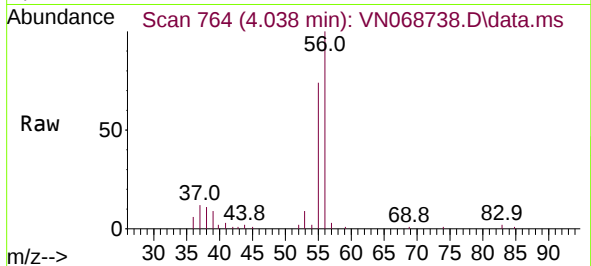
Tgt Ion: 96 Resp: 388401
Ion Ratio Lower Upper
96 100
61 161.4 152.6 229.0
98 63.8 50.9 76.3





#13
Acrolein
Concen: 60.751 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

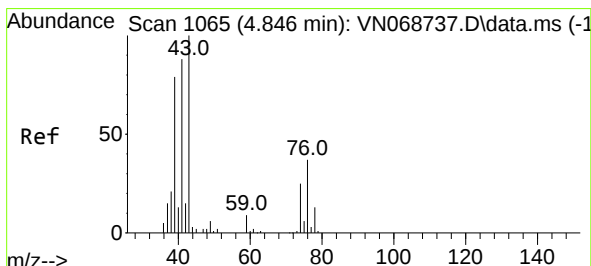
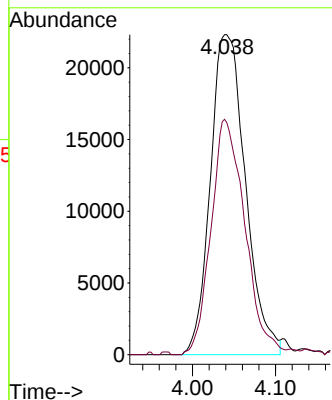
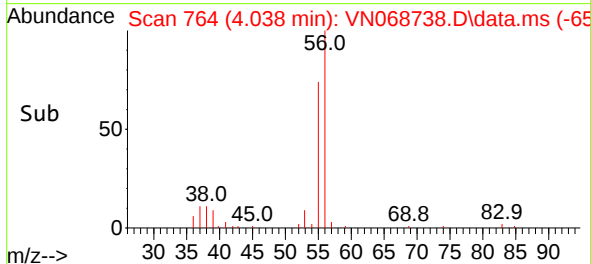
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



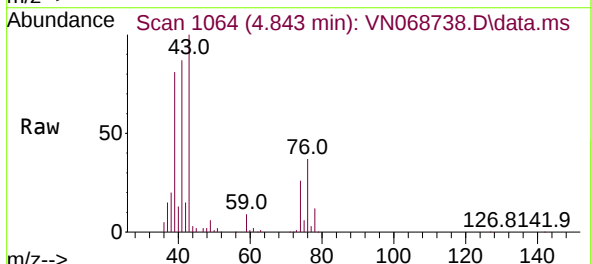
Tgt Ion: 56 Resp: 65544
Ion Ratio Lower Upper
56 100
55 70.8 57.4 86.0

Manual Integrations
APPROVED

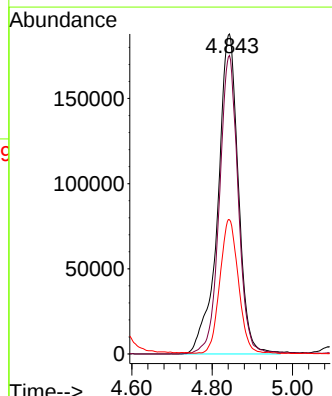
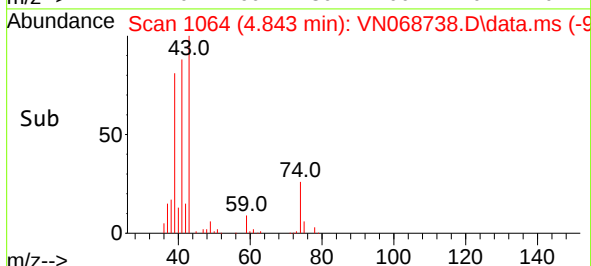
MMDadoda
9/30/2021 6:18:14 PM

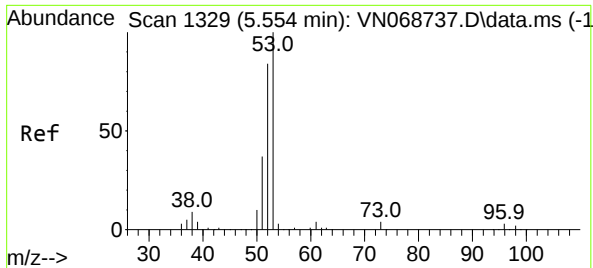


#14
Allyl chloride
Concen: 52.587 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



Tgt Ion: 41 Resp: 667154
Ion Ratio Lower Upper
41 100
39 85.0 60.9 91.3
76 37.1 24.3 36.5#





#15
Acrylonitrile
Concen: 314.036 ug/l
RT: 5.551 min Scan# 1328
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

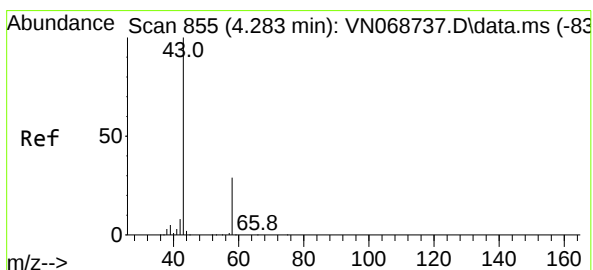
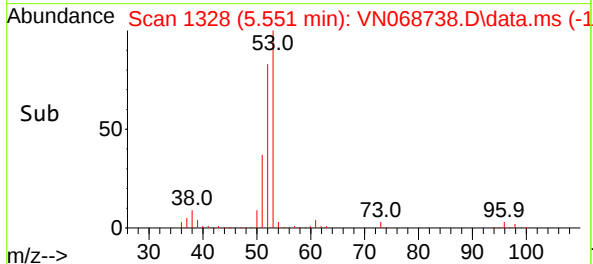
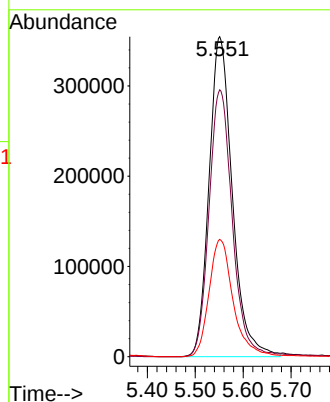
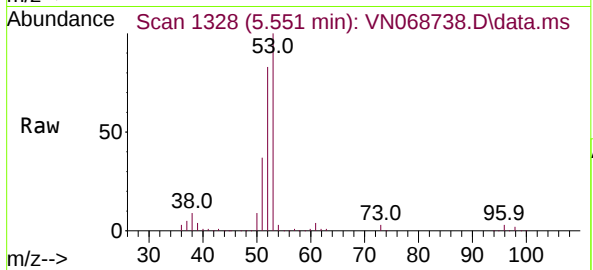
Tgt Ion: 53 Resp: 1197125

Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.2
51	38.1	30.2	45.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

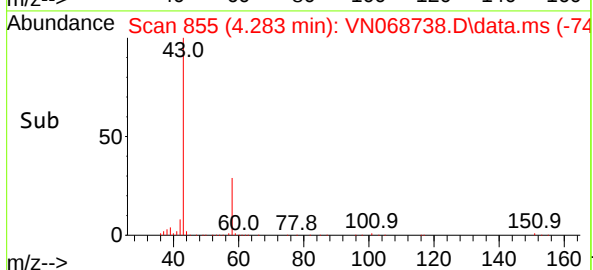
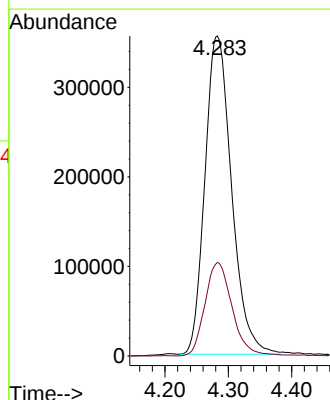
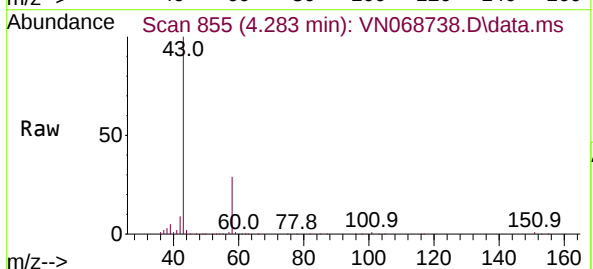
MMDadoda
9/30/2021 6:18:14 PM

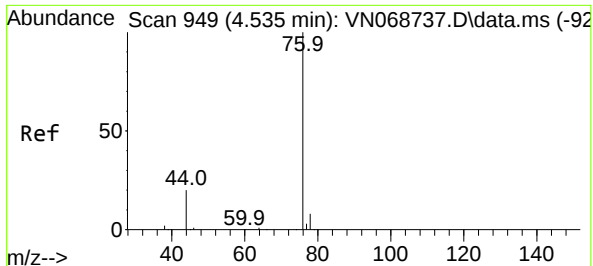


#16
Acetone
Concen: 305.226 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 43 Resp: 1040392

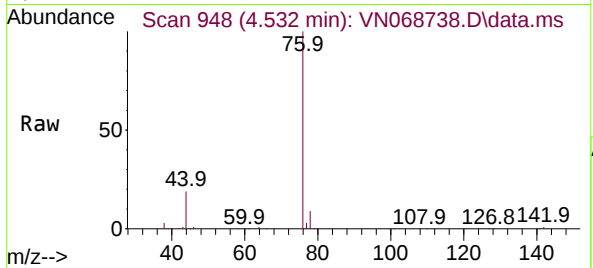
Ion	Ratio	Lower	Upper
43	100		
58	29.3	21.2	31.8





#17
Carbon Disulfide
Concen: 45.703 ug/l
RT: 4.532 min Scan# 948
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

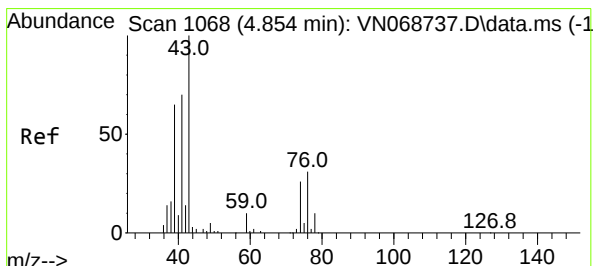
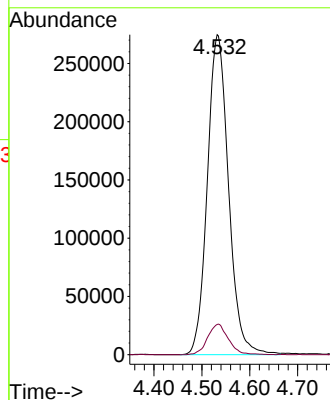
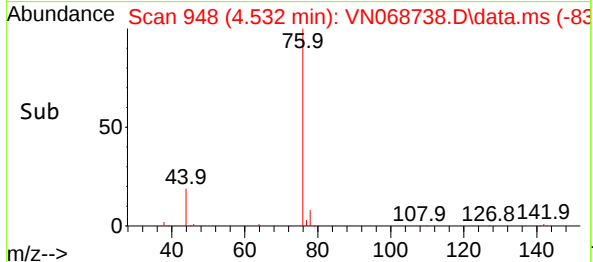
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



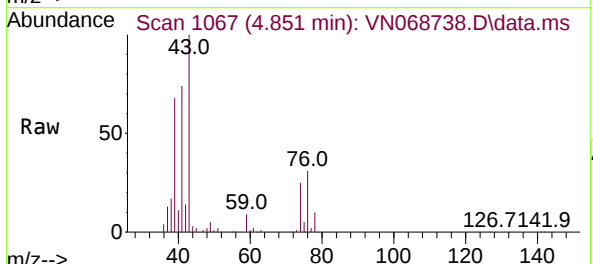
Tgt Ion: 76 Resp: 846047
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5

Manual Integrations
APPROVED

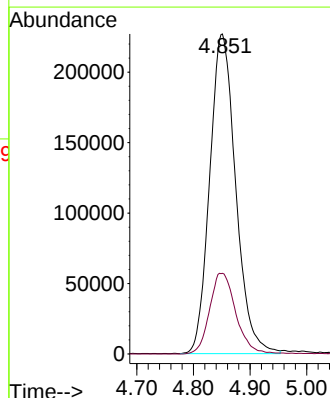
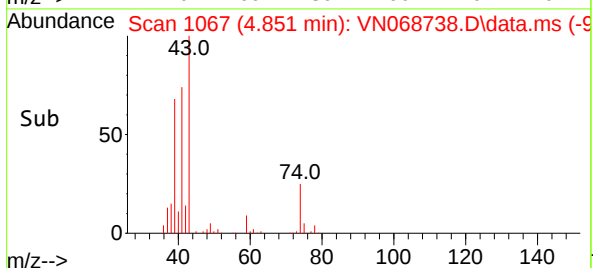
MMDadoda
9/30/2021 6:18:14 PM

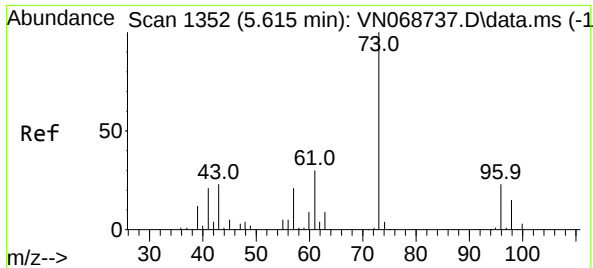


#18
Methyl Acetate
Concen: 74.404 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



Tgt Ion: 43 Resp: 724613
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0





#19

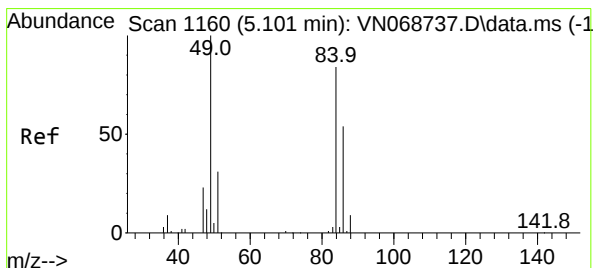
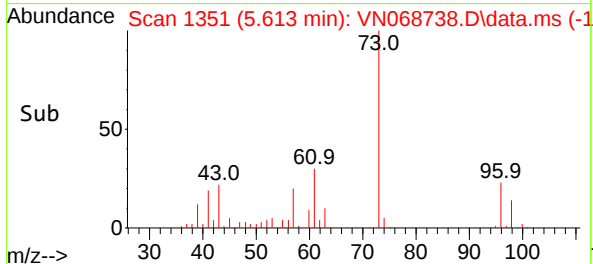
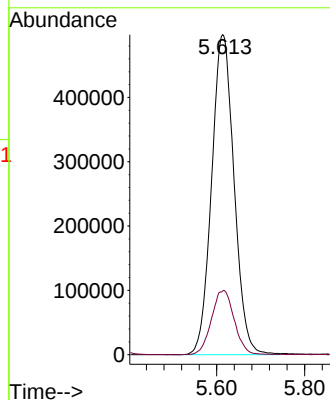
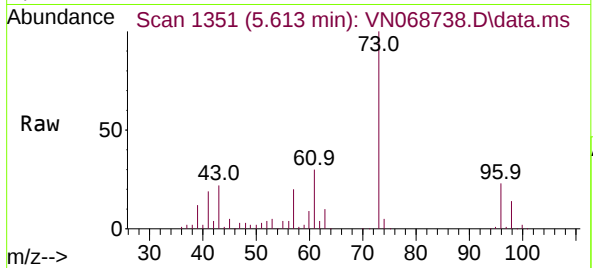
Methyl tert-butyl Ether
Concen: 74.661 ug/l
RT: 5.613 min Scan# 1351
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 73 Resp: 1764844
Ion Ratio Lower Upper
73 100
57 19.8 17.0 25.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

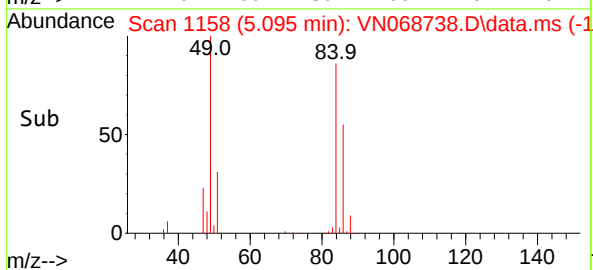
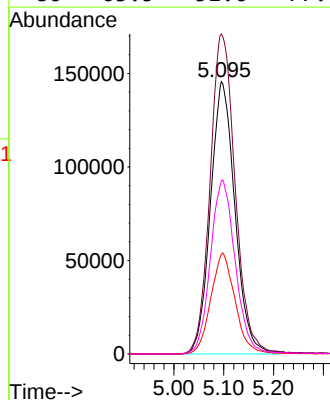
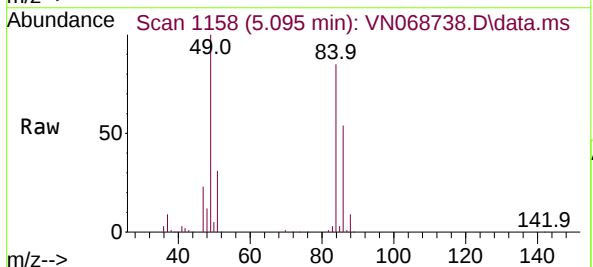
MMDadoda
9/30/2021 6:18:14 PM

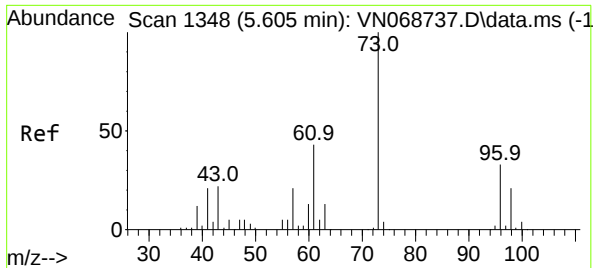


#20

Methylene Chloride
Concen: 62.235 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.005 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 84 Resp: 496886
Ion Ratio Lower Upper
84 100
49 117.4 110.9 166.3
51 36.6 32.6 49.0
86 63.5 51.6 77.4





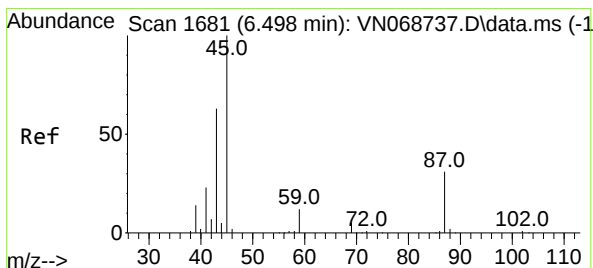
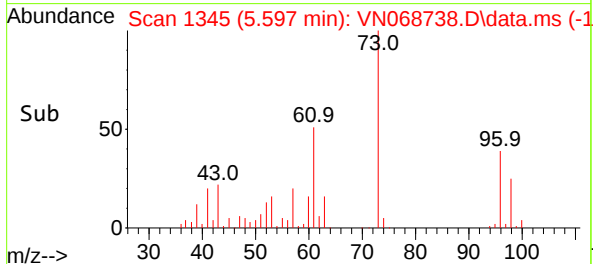
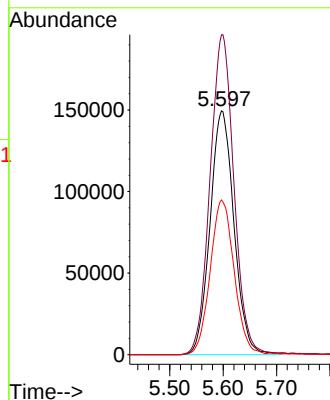
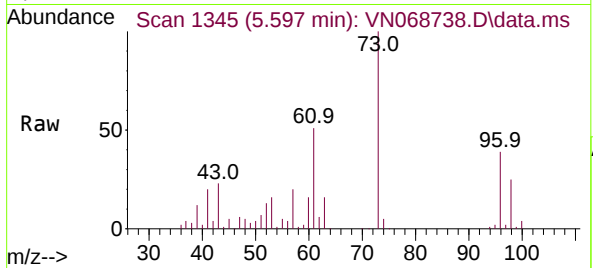
#21
trans-1,2-Dichloroethene
Concen: 72.705 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.008 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 96 Resp: 465472
Ion Ratio Lower Upper
96 100
61 131.2 123.5 185.3
98 63.5 48.6 72.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

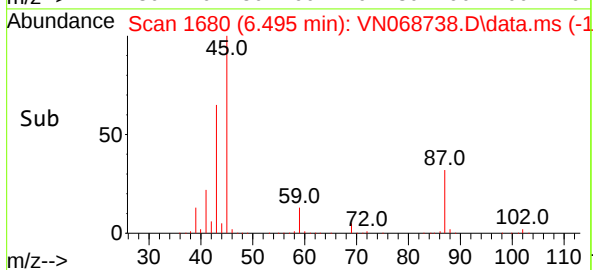
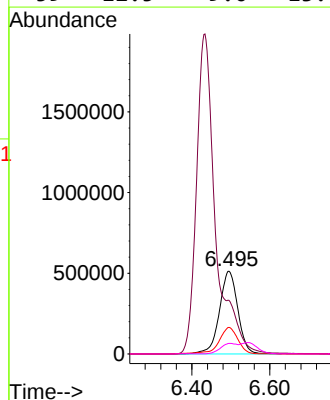
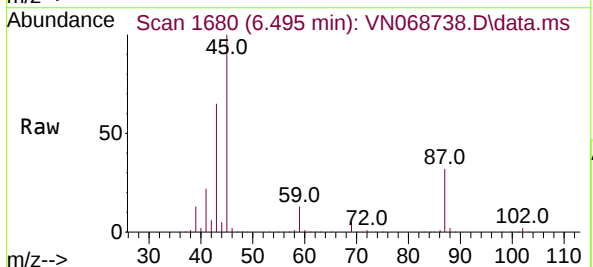
Manual Integrations
APPROVED

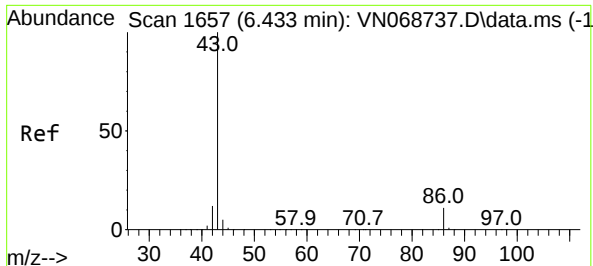
MMDadoda
9/30/2021 6:18:14 PM



#22
Diisopropyl ether
Concen: 66.491 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 45 Resp: 1684414
Ion Ratio Lower Upper
45 100
43 63.8 49.4 74.2
87 32.1 20.9 31.3#
59 12.5 9.0 13.4





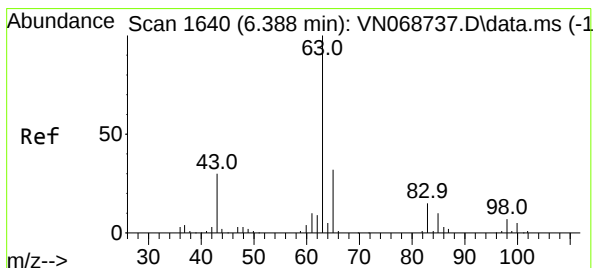
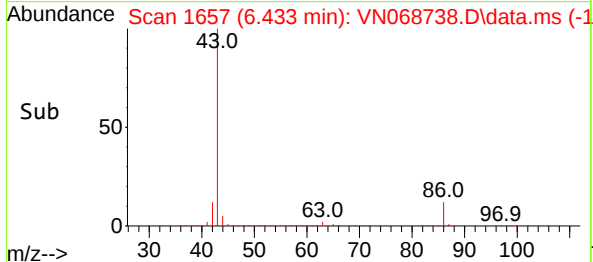
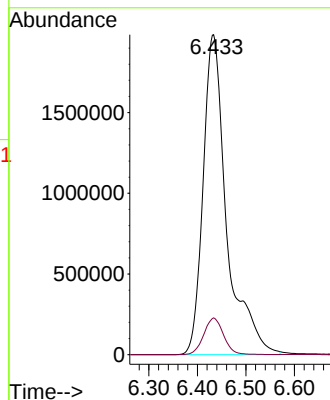
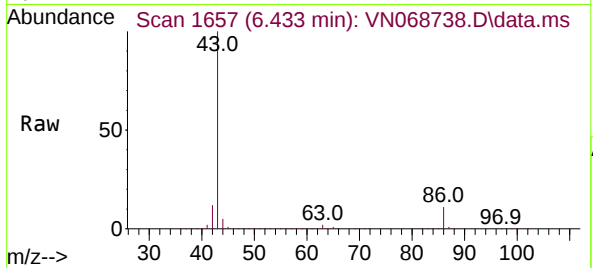
#23
 Vinyl Acetate
 Concen: 314.605 ug/l m
 RT: 6.433 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: VN068738.D
 Acq: 29 Sep 2021 13:25

Tgt Ion: 43 Resp: 6698778
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.3 10.9#

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

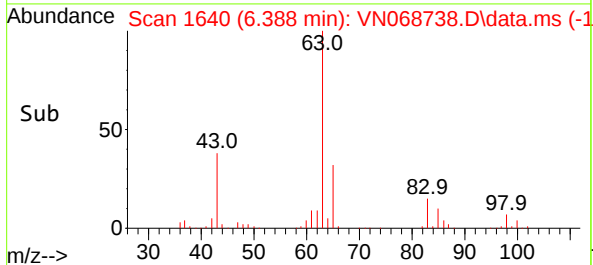
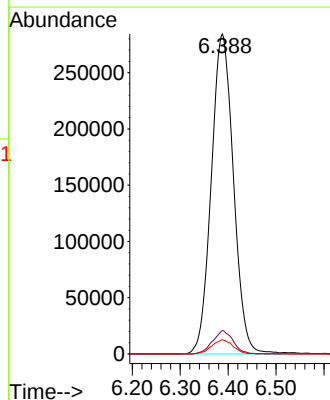
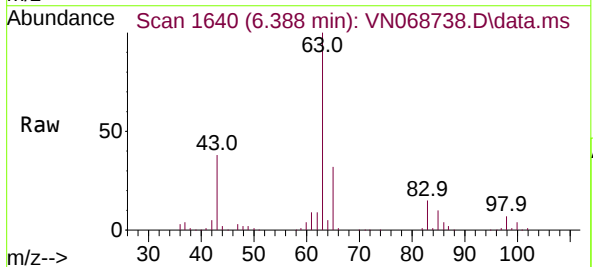
Manual Integrations
 APPROVED

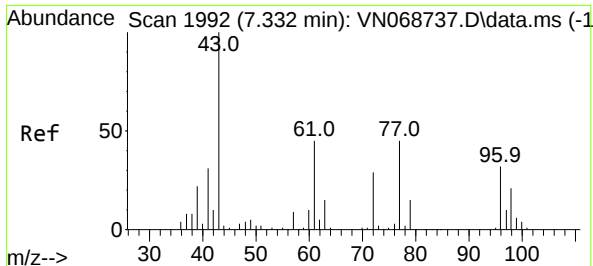
MMDadoda
 9/30/2021 6:18:14 PM



#24
 1,1-Dichloroethane
 Concen: 65.764 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: VN068738.D
 Acq: 29 Sep 2021 13:25

Tgt Ion: 63 Resp: 912702
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.0 9.0
 100 4.4 1.9 5.7





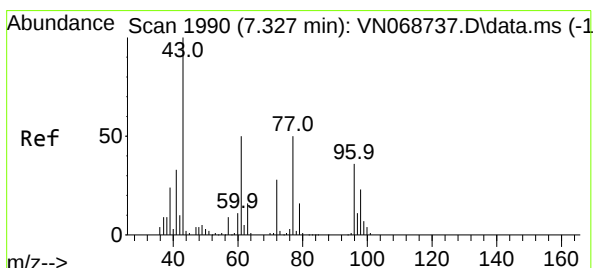
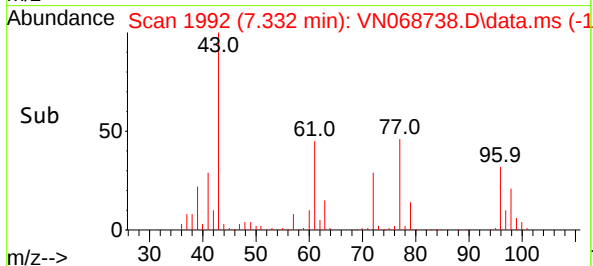
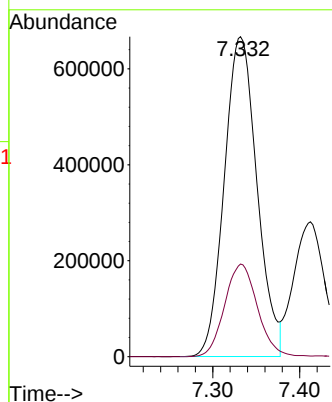
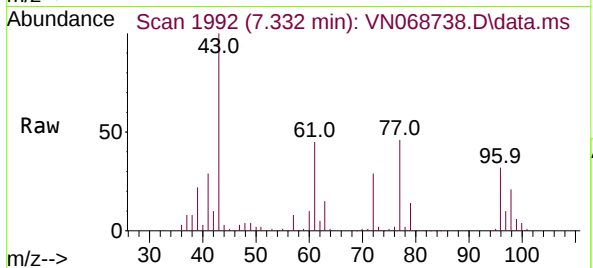
#25
2-Butanone
Concen: 331.527 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 43 Resp: 1744917
Ion Ratio Lower Upper
43 100
72 29.0 19.7 29.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

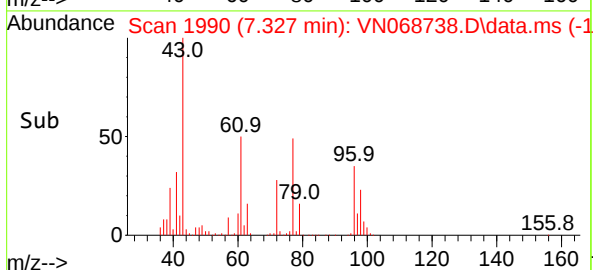
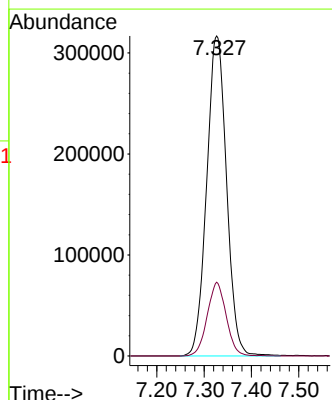
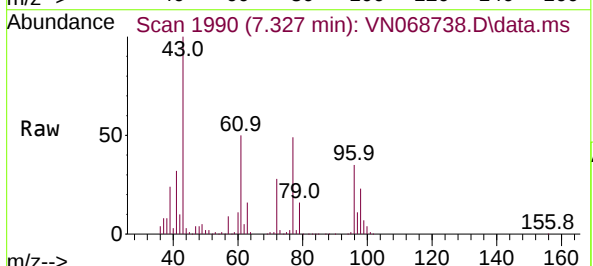
Manual Integrations
APPROVED

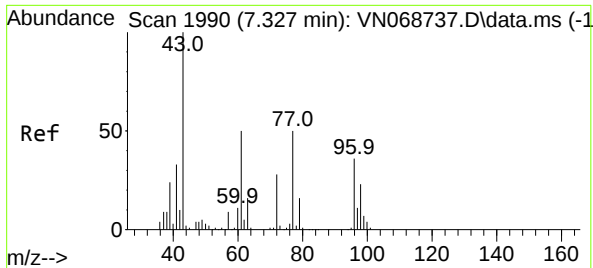
MMDadoda
9/30/2021 6:18:14 PM



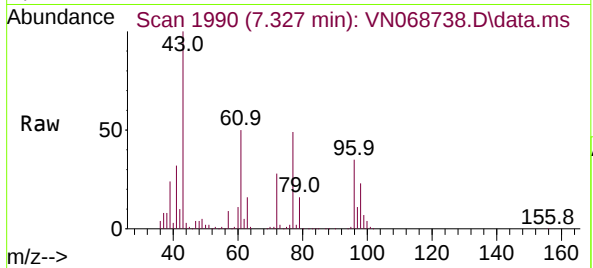
#26
2,2-Dichloropropane
Concen: 76.984 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 77 Resp: 924858
Ion Ratio Lower Upper
77 100
97 21.9 9.8 29.3

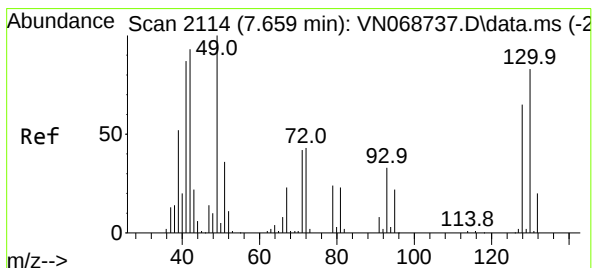
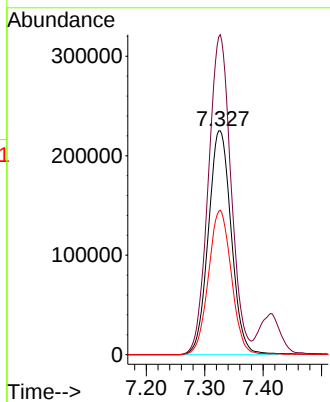
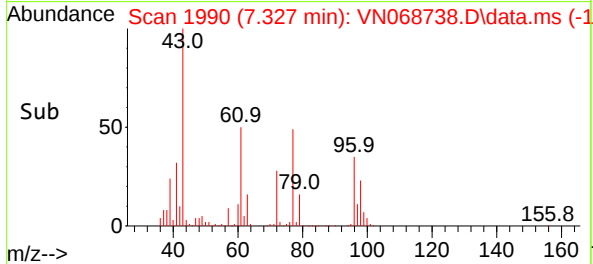




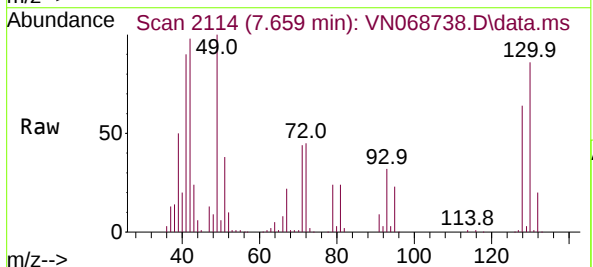
#27
cis-1,2-Dichloroethene
Concen: 79.938 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



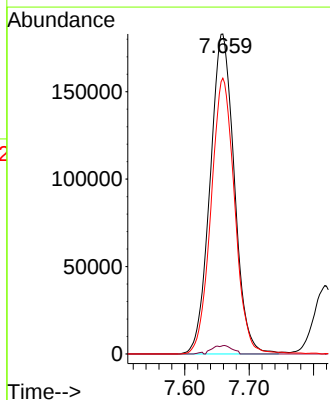
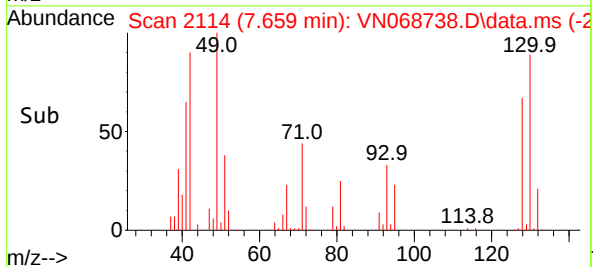
Tgt Ion: 96 Resp: 613433
Ion Ratio Lower Upper
96 100
61 141.4 0.0 338.8
98 64.5 0.0 129.8



#28
Bromochloromethane
Concen: 71.918 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



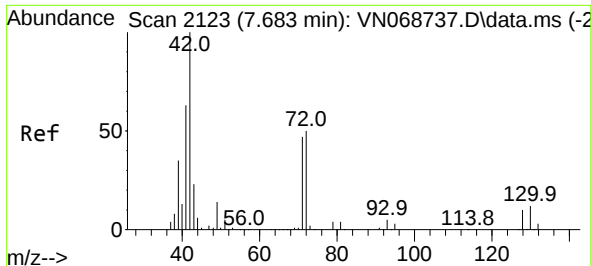
Tgt Ion: 49 Resp: 478101
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.8
130 83.9 49.7 74.5#



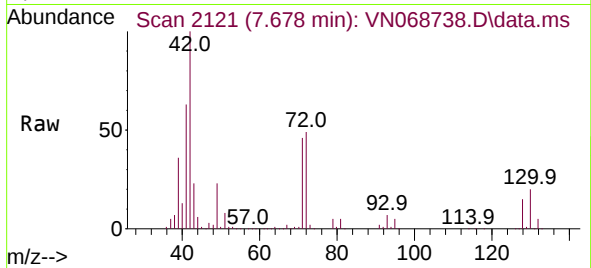
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:14 PM

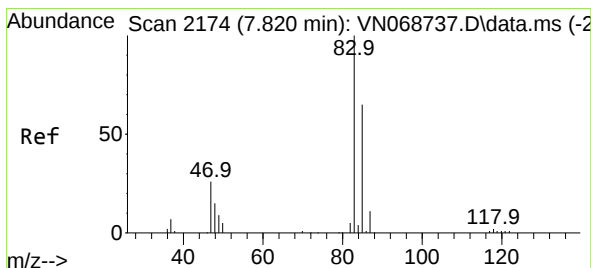
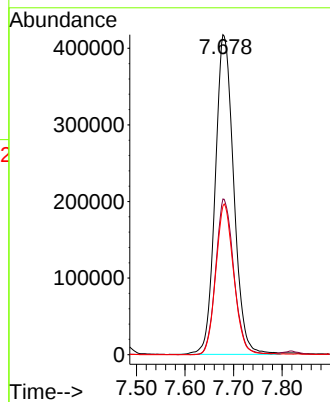
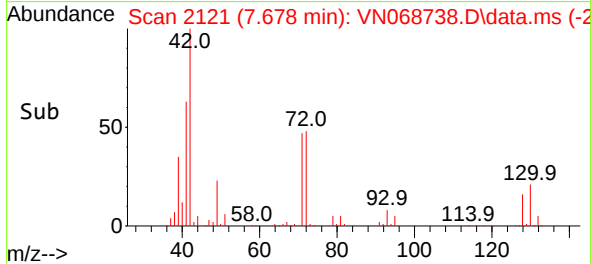


#29
Tetrahydrofuran
Concen: 333.944 ug/l
RT: 7.678 min Scan# 2121
Delta R.T. -0.005 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

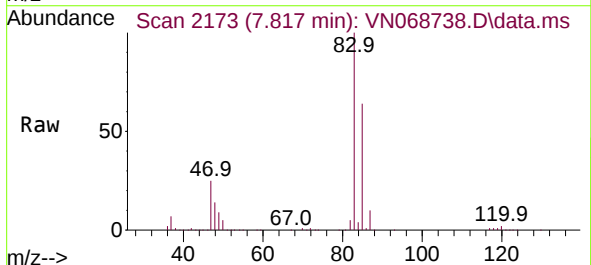


Tgt Ion: 42 Resp: 1105808

Ion	Ratio	Lower	Upper
42	100		
72	47.7	32.8	49.2
71	45.7	31.2	46.8

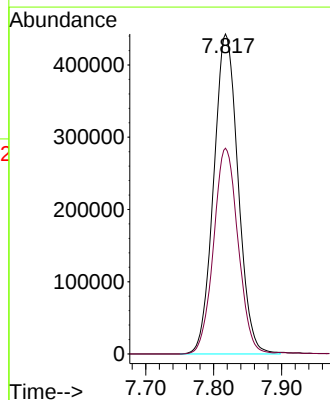
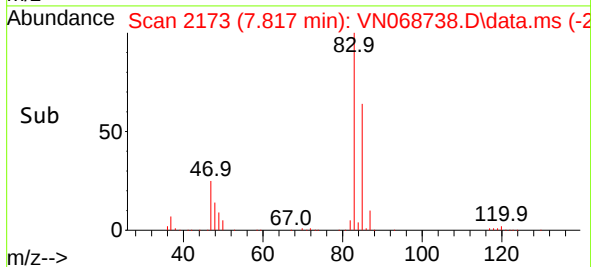


#30
Chloroform
Concen: 81.168 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



Tgt Ion: 83 Resp: 1104259

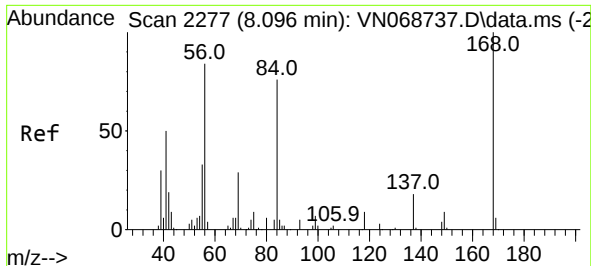
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.5	77.3



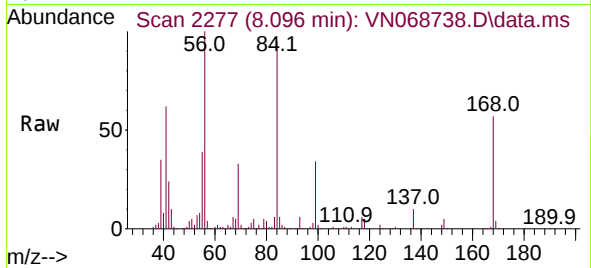
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

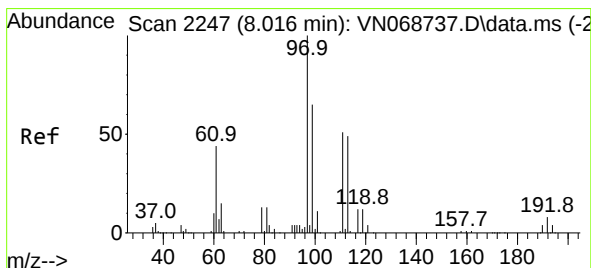
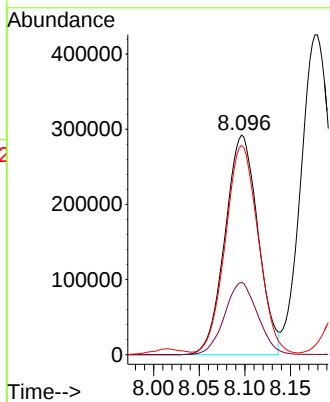
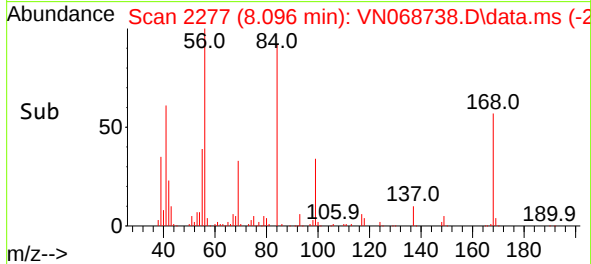
MMDadoda
9/30/2021 6:18:14 PM



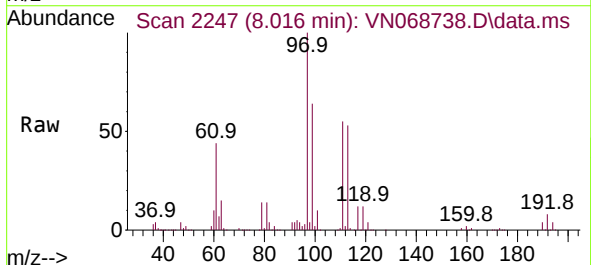
#31
Cyclohexane
Concen: 53.394 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



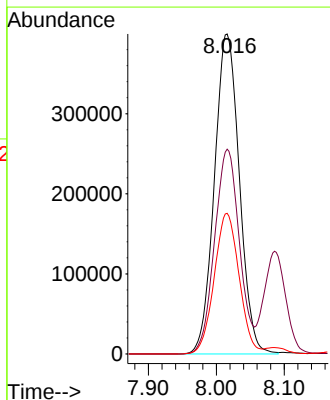
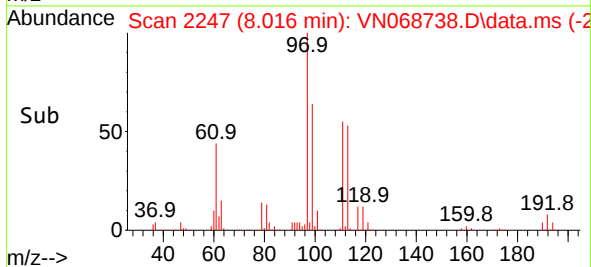
Tgt Ion: 56 Resp: 734666
Ion Ratio Lower Upper
56 100
69 33.0 27.3 40.9
84 93.3 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 88.905 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



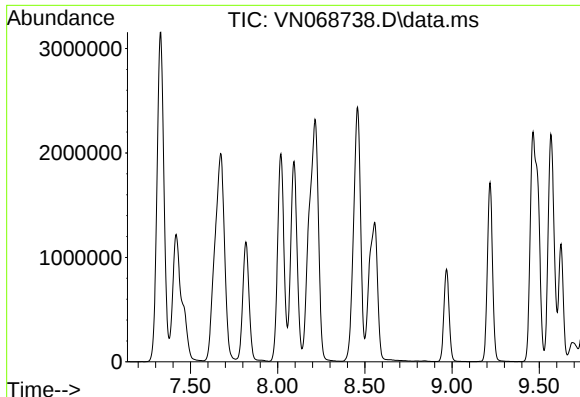
Tgt Ion: 97 Resp: 1020374
Ion Ratio Lower Upper
97 100
99 63.8 50.2 75.2
61 43.9 38.2 57.2



Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:14 PM



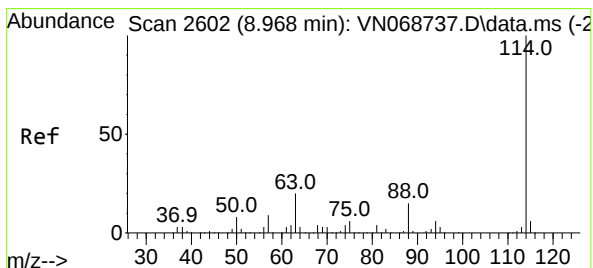
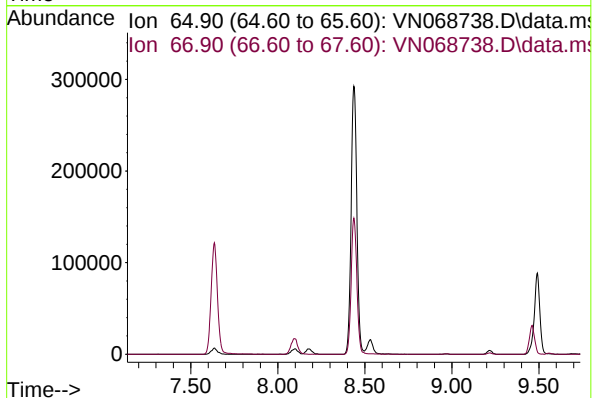
#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.44 min
 Lab File: VN068738.D
 Acq: 29 Sep 2021 13:25

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 49.3

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

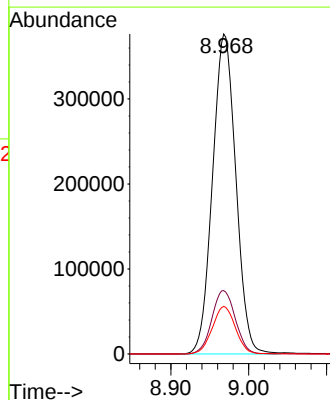
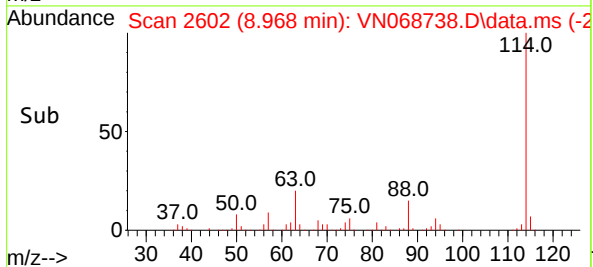
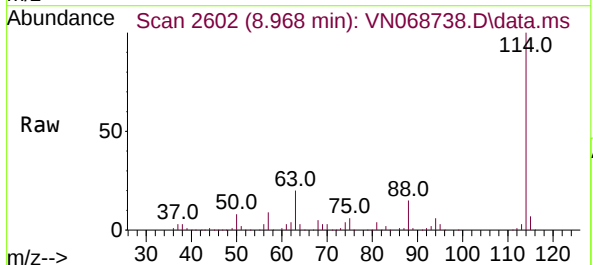
Manual Integrations
 APPROVED

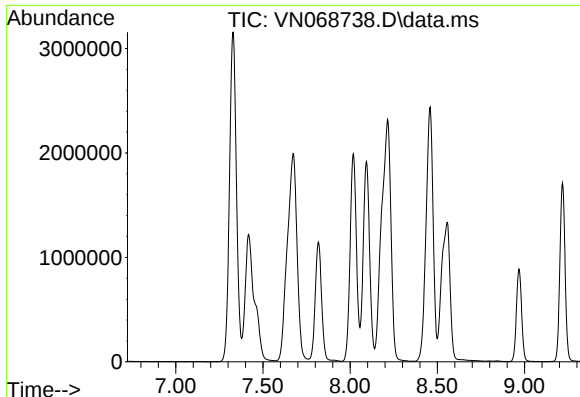
MMDadoda
 9/30/2021 6:18:14 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN068738.D
 Acq: 29 Sep 2021 13:25

Tgt Ion: 114 Resp: 782078
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 49.0
 88 14.9 0.0 36.6





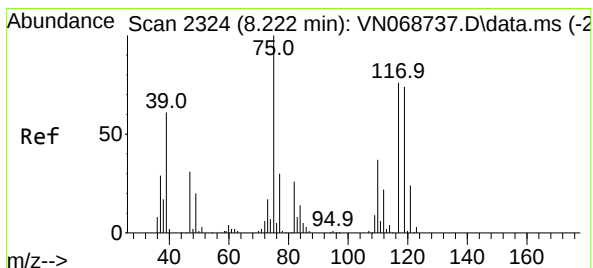
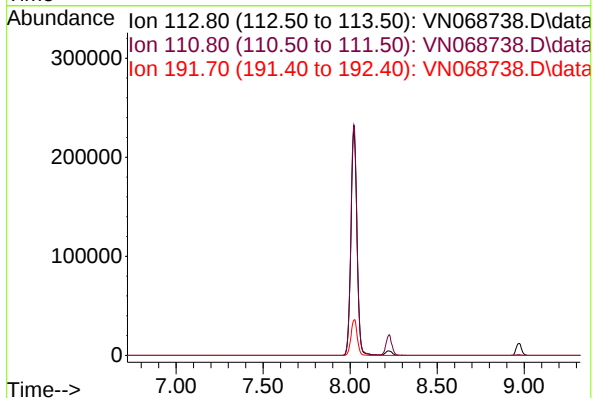
#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 8.02 min
 Lab File: VN068738.D
 Acq: 29 Sep 2021 13:25

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 104.8
 192 16.7

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

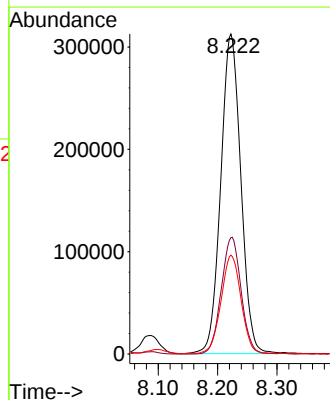
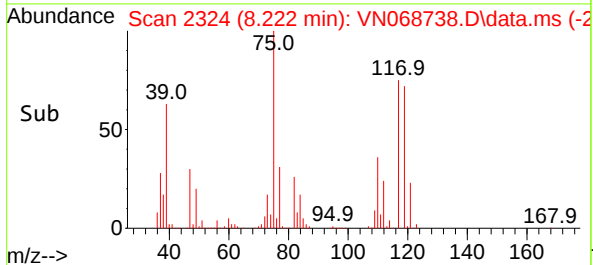
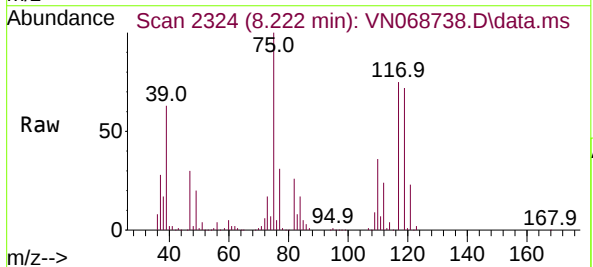
Manual Integrations
 APPROVED

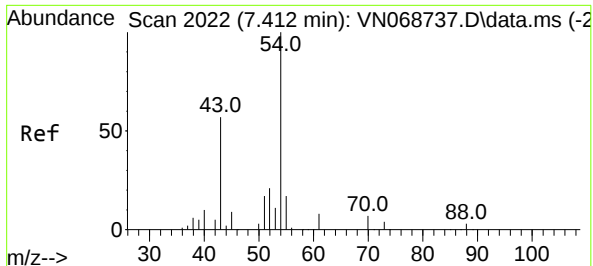
MMDadoda
 9/30/2021 6:18:14 PM



#36
 1,1-Dichloropropene
 Concen: 87.289 ug/l
 RT: 8.222 min Scan# 2324
 Delta R.T. -0.000 min
 Lab File: VN068738.D
 Acq: 29 Sep 2021 13:25

Tgt Ion: 75 Resp: 735550
 Ion Ratio Lower Upper
 75 100
 110 36.2 15.7 47.0
 77 30.5 24.6 37.0





#37

Ethyl Acetate

Concen: 82.703 ug/l

RT: 7.412 min Scan# 2022

Delta R.T. 0.000 min

Lab File: VN068738.D

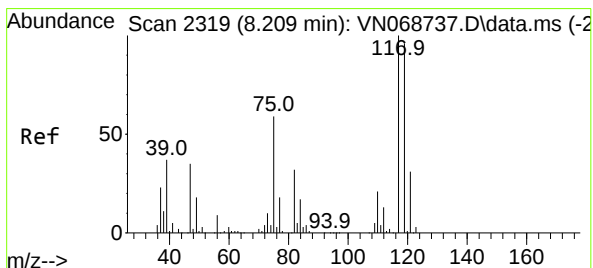
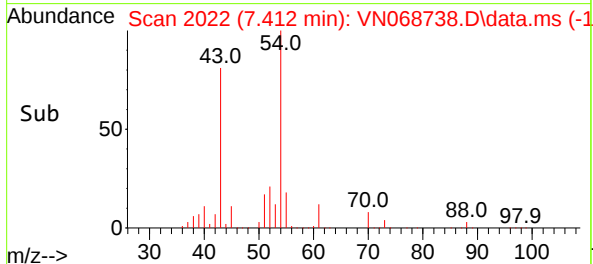
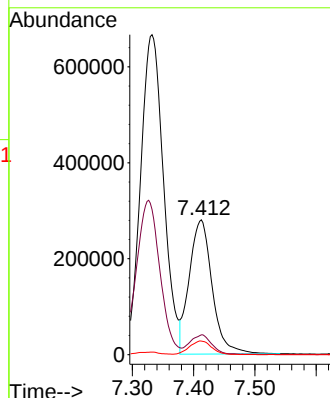
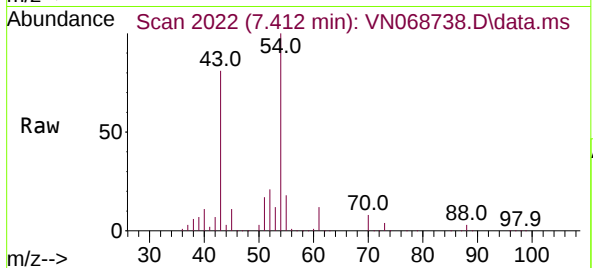
Acq: 29 Sep 2021 13:25

Tgt Ion:	43	Resp:	729595
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	16.0
70	10.0	8.1	12.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:14 PM



#38

Carbon Tetrachloride

Concen: 116.649 ug/l

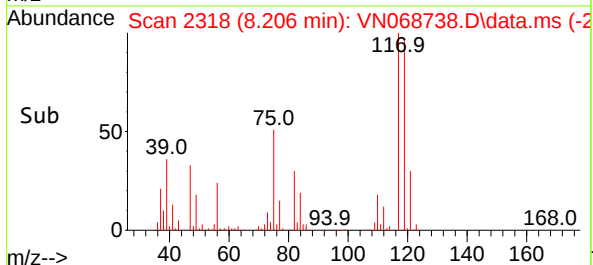
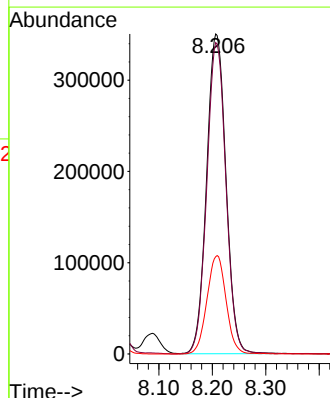
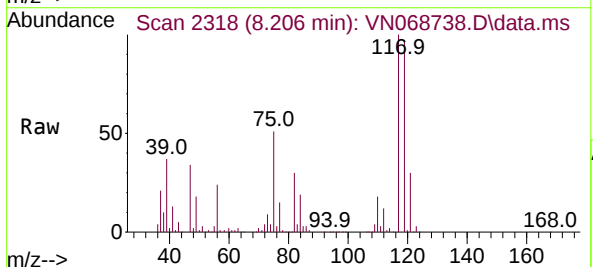
RT: 8.206 min Scan# 2318

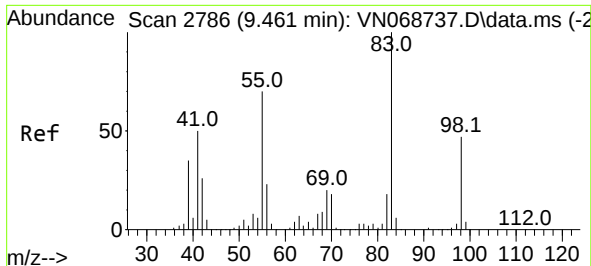
Delta R.T. -0.003 min

Lab File: VN068738.D

Acq: 29 Sep 2021 13:25

Tgt Ion:	117	Resp:	882791
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.4	113.2
121	30.4	23.5	35.3





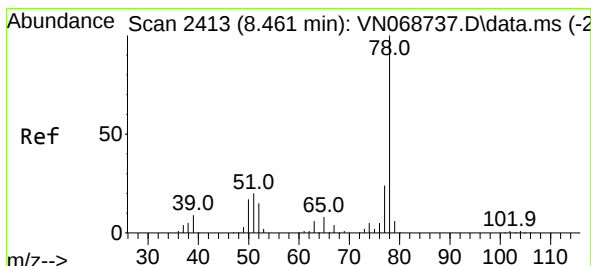
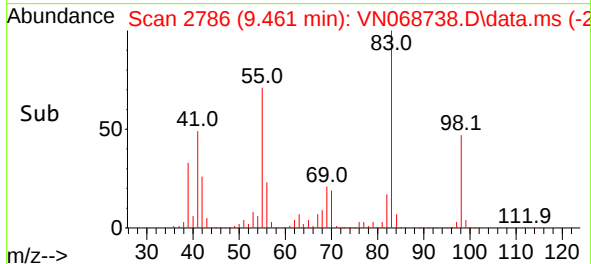
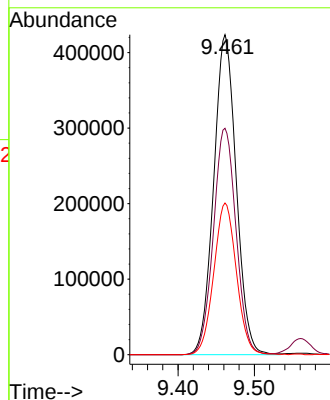
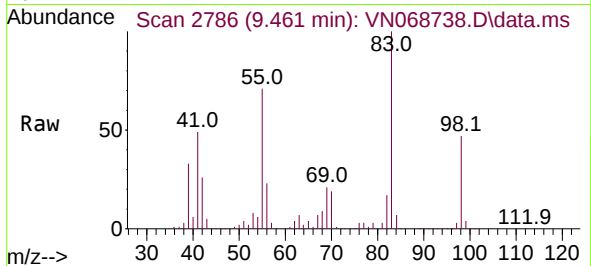
#39
Methylcyclohexane
Concen: 89.485 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 870299
Ion Ratio Lower Upper
83 100
55 70.8 66.6 99.8
98 47.4 35.3 52.9

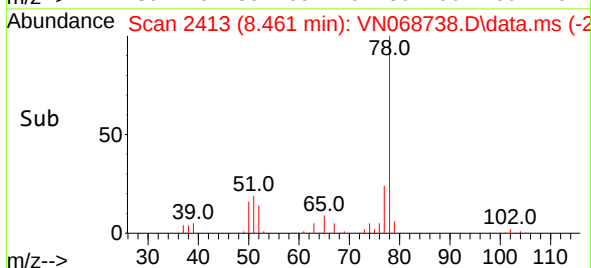
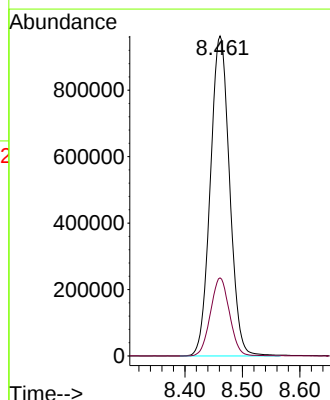
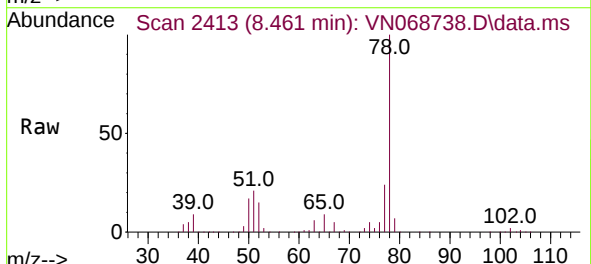
Manual Integrations
APPROVED

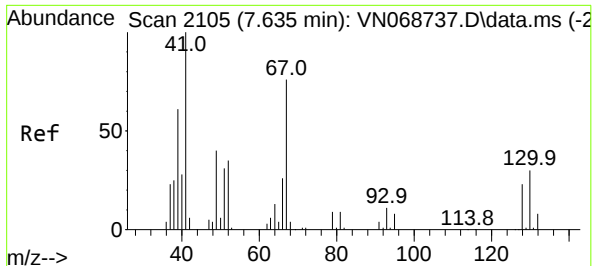
MMDadoda
9/30/2021 6:18:14 PM



#40
Benzene
Concen: 89.889 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 78 Resp: 2240712
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3





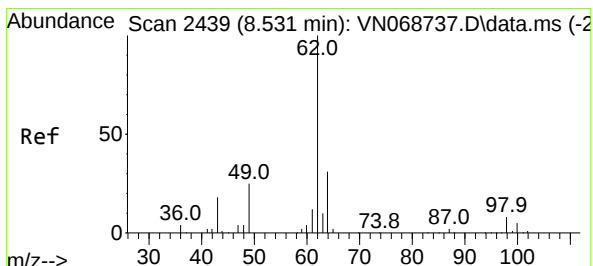
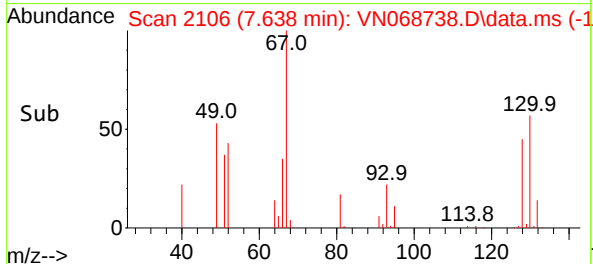
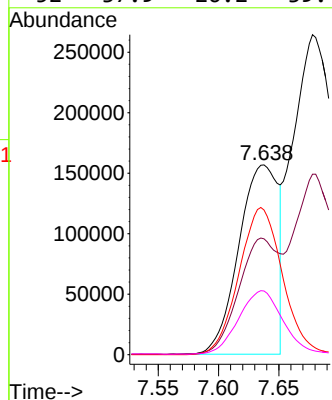
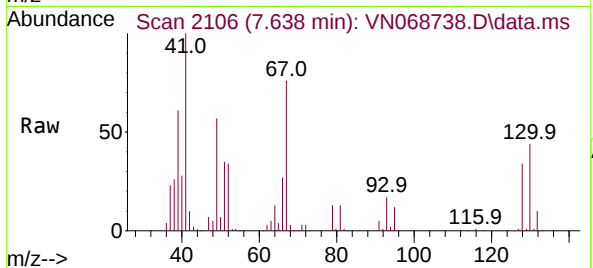
#41
Methacrylonitrile
Concen: 79.487 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion:	41	Resp:	355258
Ion Ratio	Lower	Upper	
41	100		
39	64.1	47.6	71.4
67	86.5	57.7	86.5
52	37.9	26.2	39.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

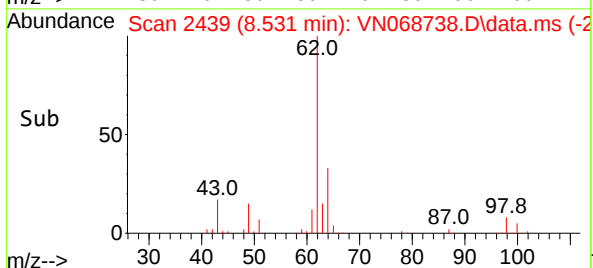
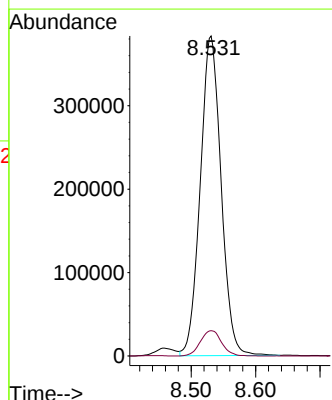
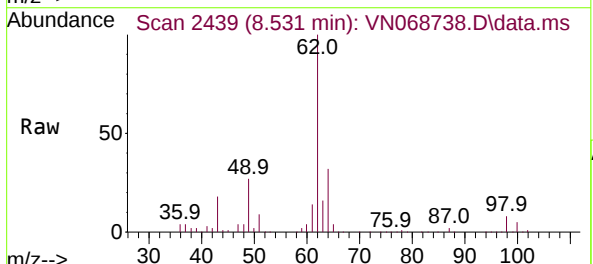
Manual Integrations
APPROVED

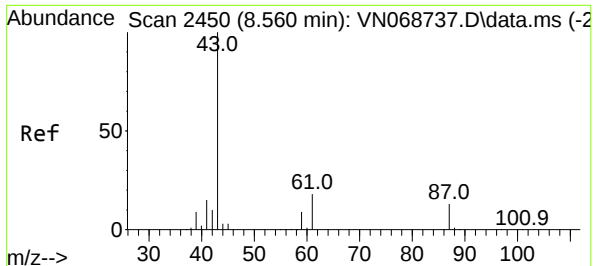
MMDadoda
9/30/2021 6:18:14 PM



#42
1,2-Dichloroethane
Concen: 93.682 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion:	62	Resp:	859922
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	14.2





#43
Isopropyl Acetate
Concen: 85.411 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

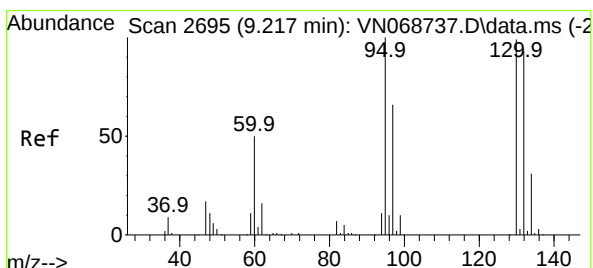
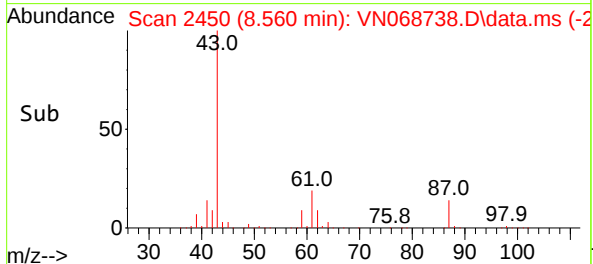
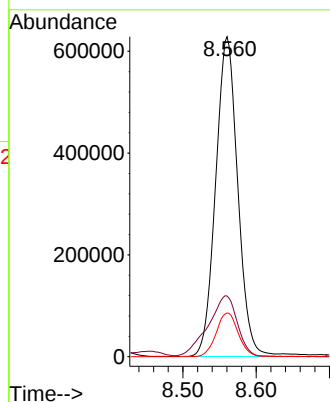
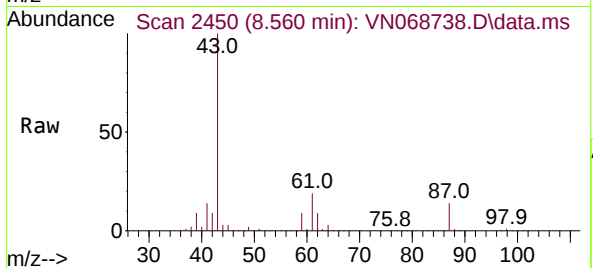
Tgt Ion: 43 Resp: 1313209

Ion	Ratio	Lower	Upper
43	100		
61	25.0	19.0	28.4
87	13.7	9.5	14.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

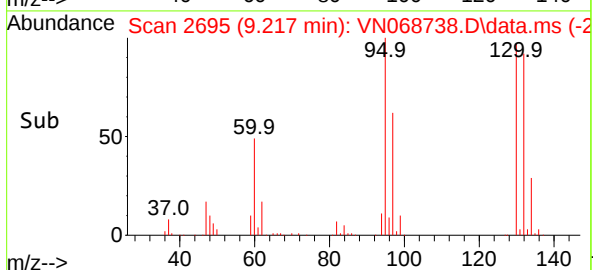
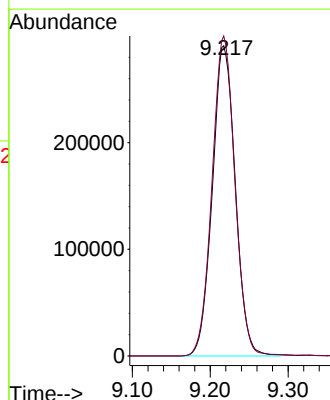
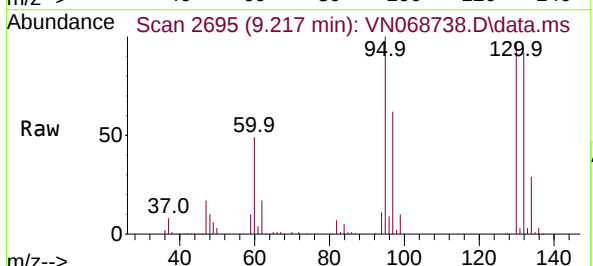
MMDadoda
9/30/2021 6:18:14 PM

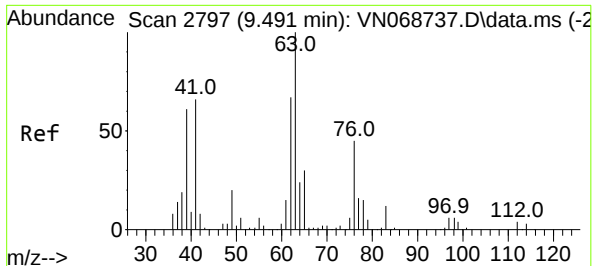


#44
Trichloroethene
Concen: 115.260 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion:130 Resp: 595421

Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	234.4





#45

1,2-Dichloropropane

Concen: 85.615 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VN068738.D

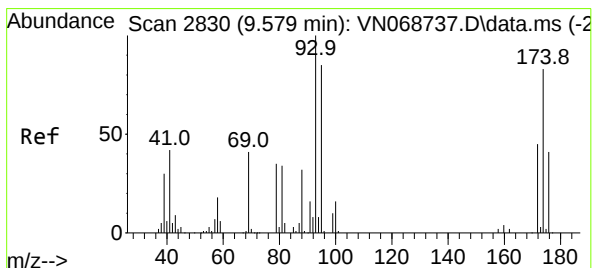
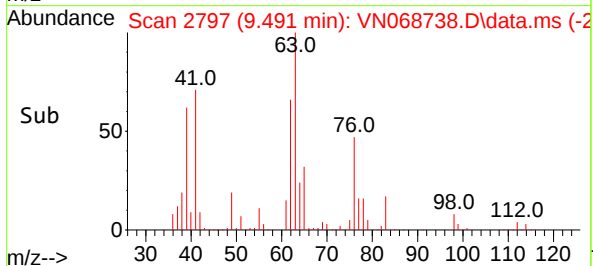
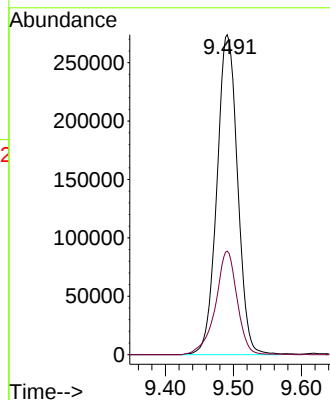
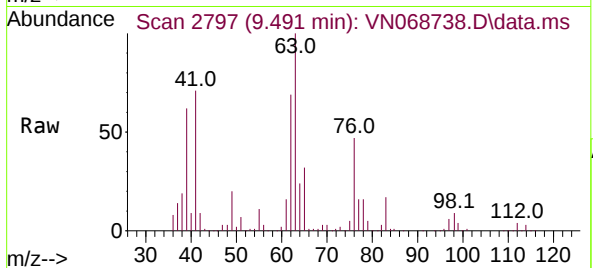
Acq: 29 Sep 2021 13:25

Tgt Ion: 63 Resp: 579711

Ion Ratio Lower Upper

63 100

65 32.4 24.3 36.5



#46

Dibromomethane

Concen: 105.344 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.003 min

Lab File: VN068738.D

Acq: 29 Sep 2021 13:25

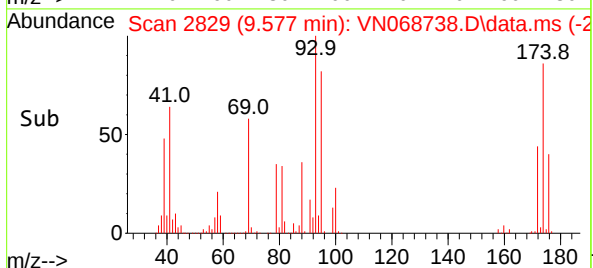
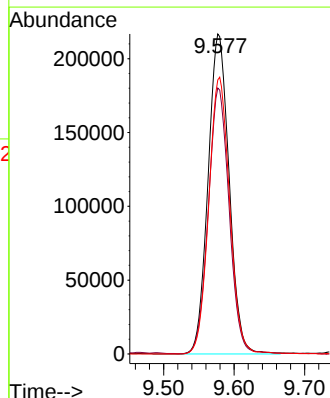
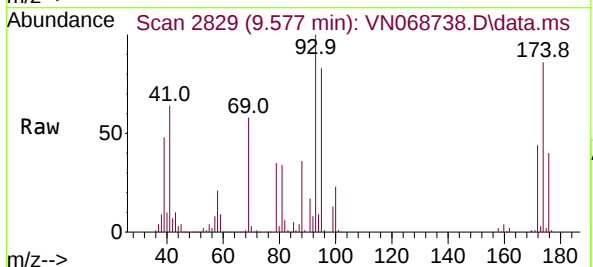
Tgt Ion: 93 Resp: 449507

Ion Ratio Lower Upper

93 100

95 82.0 66.1 99.1

174 85.9 61.0 91.4



Instrument :

MSVOA_N

ClientSampleId :

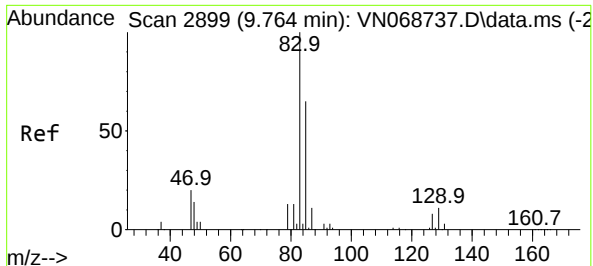
VSTDIC100

Manual Integrations

APPROVED

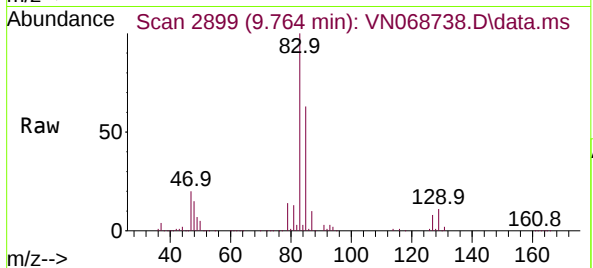
MMDadoda

9/30/2021 6:18:14 PM



#47
Bromodichloromethane
Concen: 107.603 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

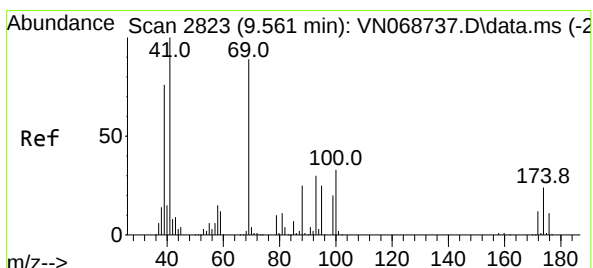
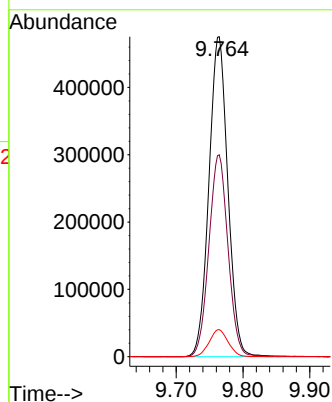
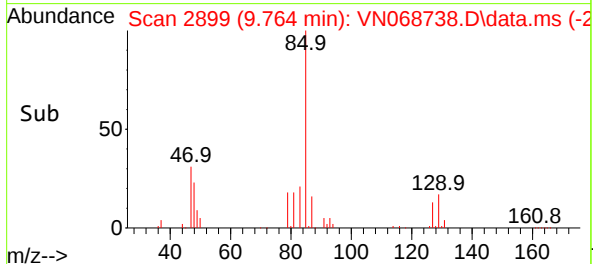
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



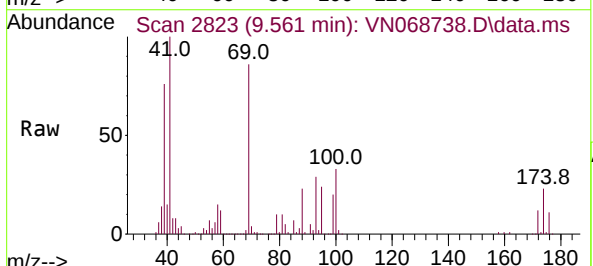
Tgt Ion: 83 Resp: 936404
Ion Ratio Lower Upper
83 100
85 63.1 49.9 74.9
127 8.4 6.1 9.1

Manual Integrations
APPROVED

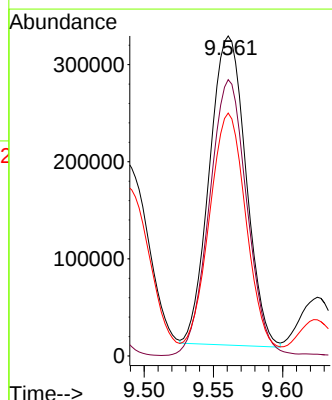
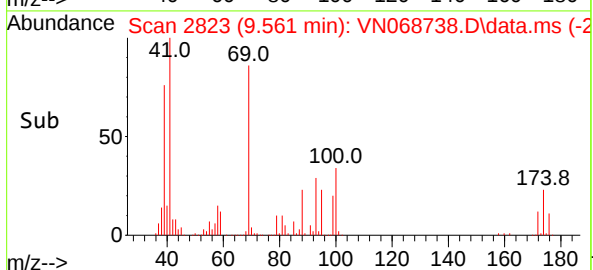
MMDadoda
9/30/2021 6:18:14 PM

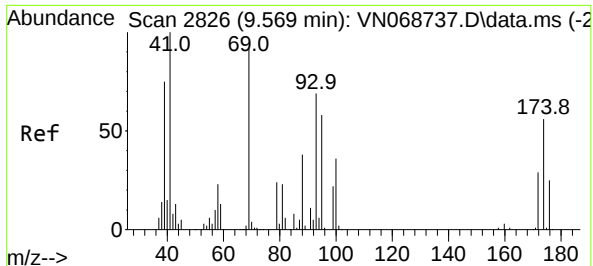


#48
Methyl methacrylate
Concen: 87.505 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



Tgt Ion: 41 Resp: 582611
Ion Ratio Lower Upper
41 100
69 92.4 64.6 96.8
39 80.8 53.3 79.9#





#49

1,4-Dioxane

Concen: 1975.677 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN068738.D

Acq: 29 Sep 2021 13:25

Tgt Ion: 88 Resp: 191941

Ion Ratio Lower Upper

88 100

43 31.2 28.8 43.2

58 60.6 60.4 90.6

Instrument :

MSVOA_N

ClientSampleId :

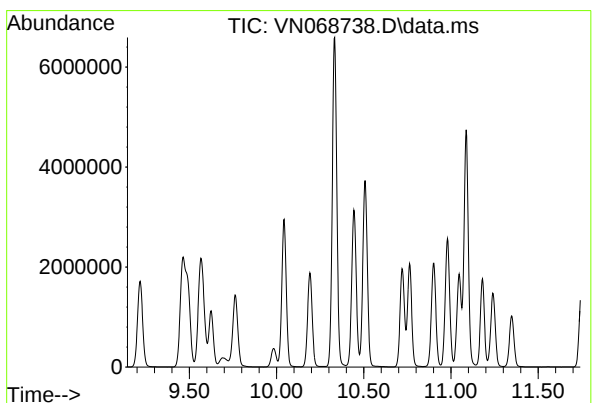
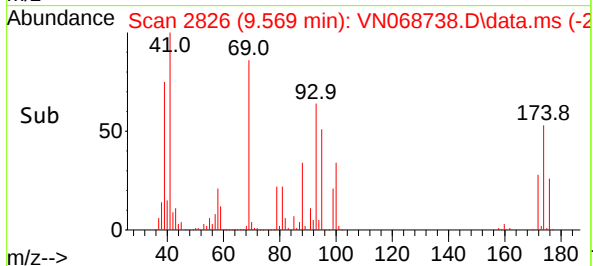
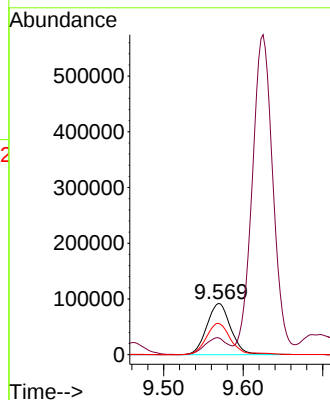
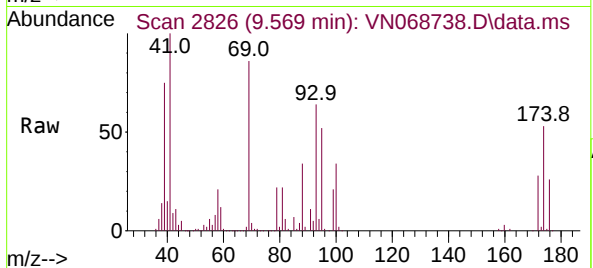
VSTDIC100

Manual Integrations

APPROVED

MMDadoda

9/30/2021 6:18:14 PM



#50

Toluene-d8

Concen: 0.000 ug/l

Expected RT: 10.44 min

Lab File: VN068738.D

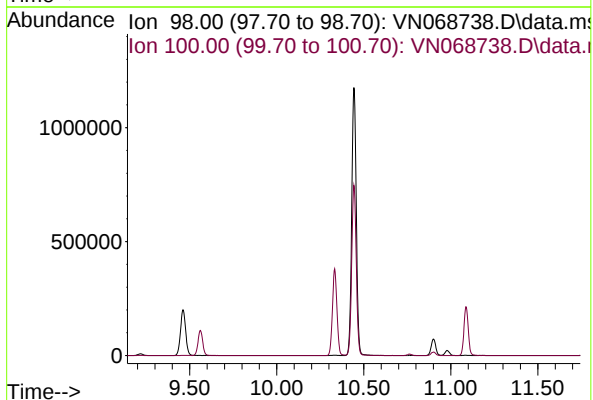
Acq: 29 Sep 2021 13:25

Tgt Ion: 98

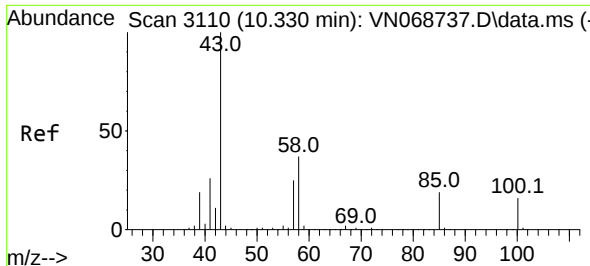
Sig Exp Ratio

98 100

100 64.6



Ion 100.00 (99.70 to 100.70): VN068738.D\data.ms



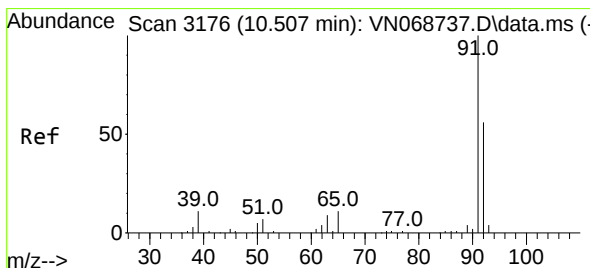
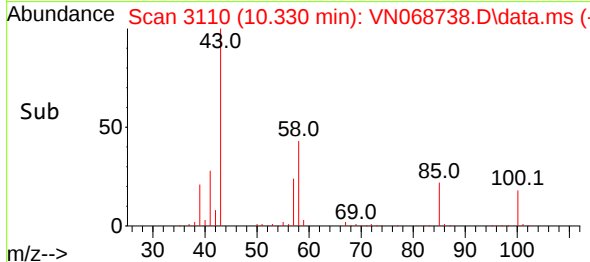
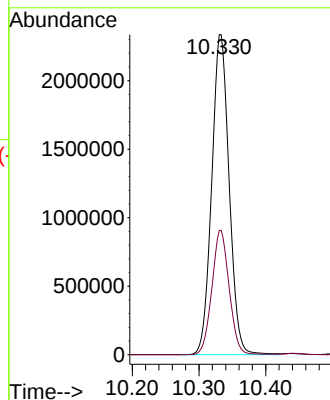
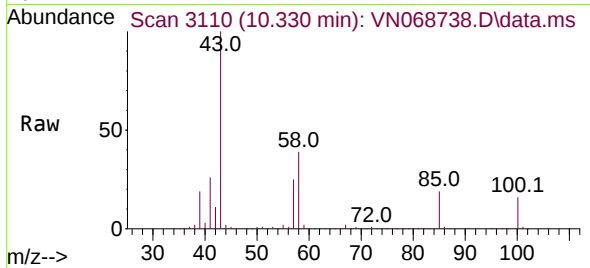
#51
4-Methyl-2-Pentanone
Concen: 468.714 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 43 Resp: 4237361
Ion Ratio Lower Upper
43 100
58 38.5 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

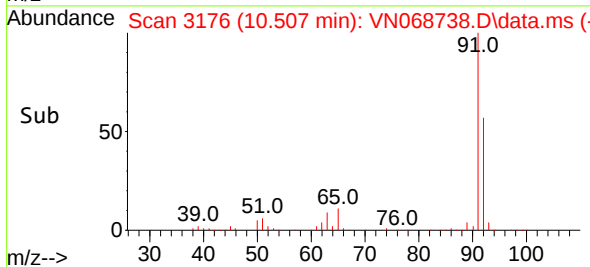
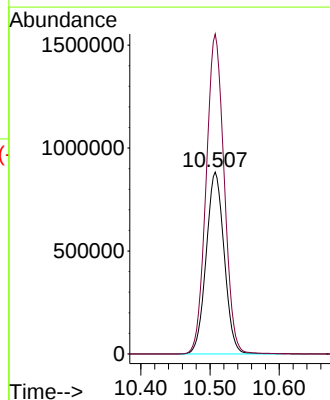
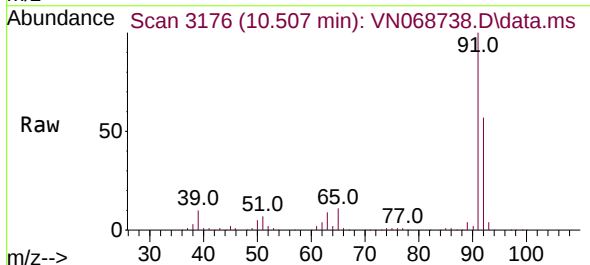
Manual Integrations
APPROVED

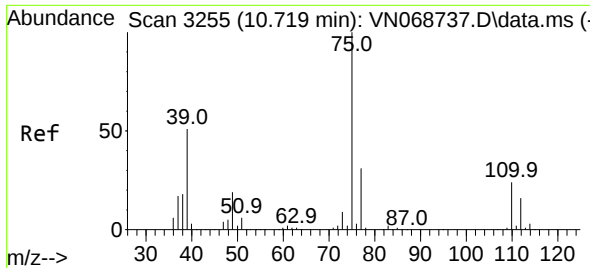
MMDadoda
9/30/2021 6:18:14 PM



#52
Toluene
Concen: 107.248 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 92 Resp: 1593608
Ion Ratio Lower Upper
92 100
91 175.9 139.6 209.4





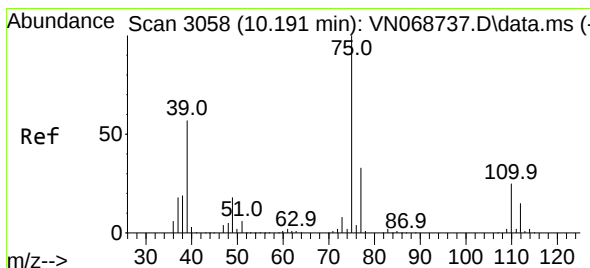
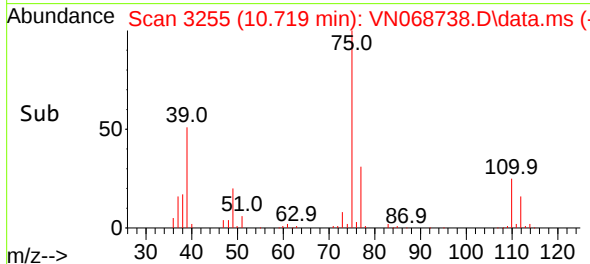
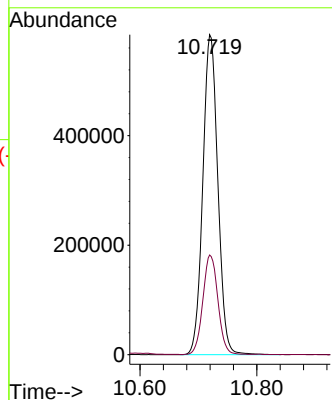
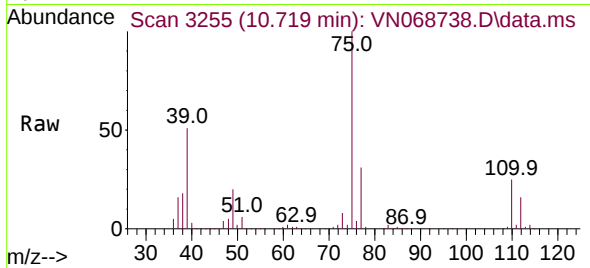
#53
 t-1,3-Dichloropropene
 Concen: 108.451 ug/l
 RT: 10.719 min Scan# 3255
 Delta R.T. 0.000 min
 Lab File: VN068738.D
 Acq: 29 Sep 2021 13:25

Tgt Ion: 75 Resp: 1042988
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.1 37.7

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

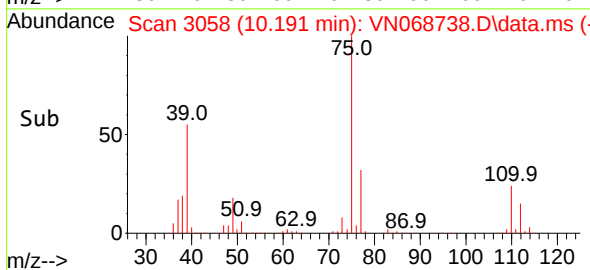
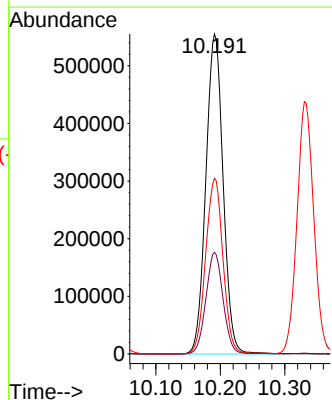
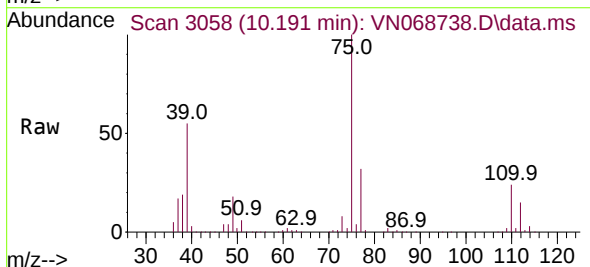
Manual Integrations
 APPROVED

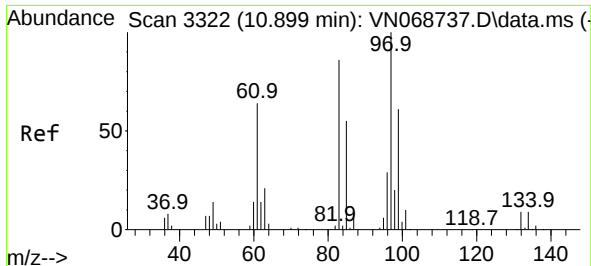
MMDadoda
 9/30/2021 6:18:14 PM



#54
 cis-1,3-Dichloropropene
 Concen: 98.711 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN068738.D
 Acq: 29 Sep 2021 13:25

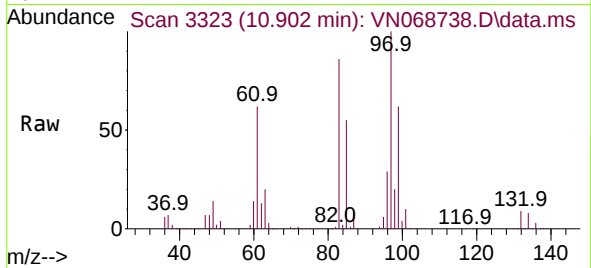
Tgt Ion: 75 Resp: 1033608
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 37.0
 39 54.8 50.7 76.1





#55
1,1,2-Trichloroethane
Concen: 113.462 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

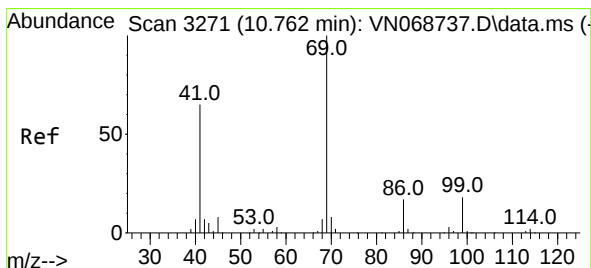
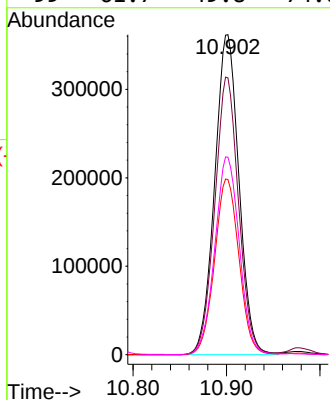
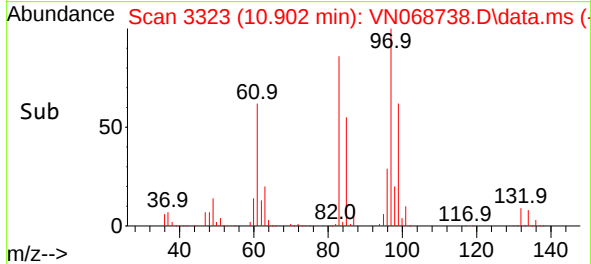
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



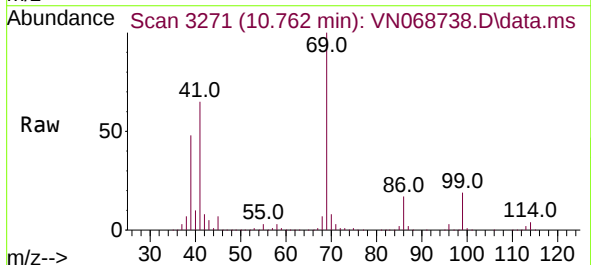
Tgt Ion:	97	Resp:	654262
Ion	Ratio	Lower	Upper
97	100		
83	86.5	72.0	108.0
85	54.7	46.8	70.2
99	61.7	49.8	74.6

Manual Integrations
APPROVED

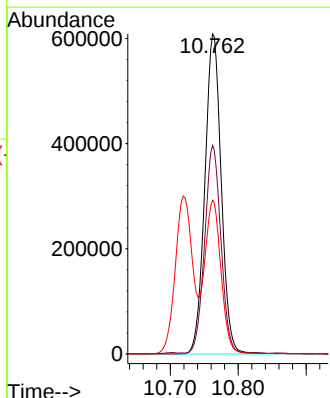
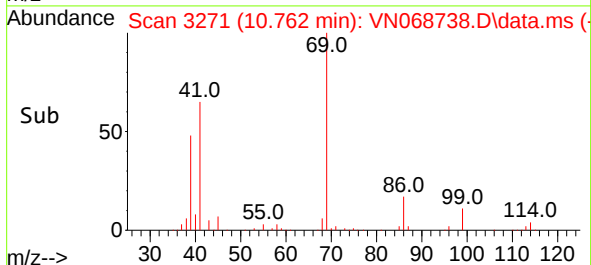
MMDadoda
9/30/2021 6:18:14 PM

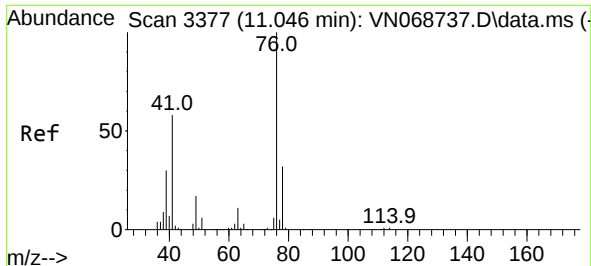


#56
Ethyl methacrylate
Concen: 100.989 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



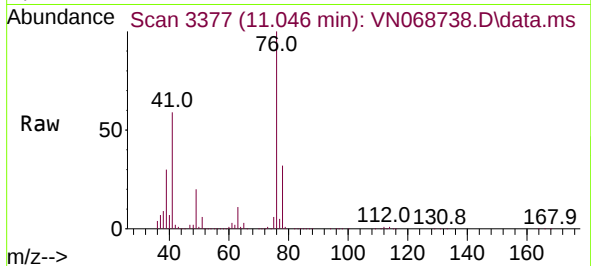
Tgt Ion:	69	Resp:	1020321
Ion	Ratio	Lower	Upper
69	100		
41	64.4	58.6	88.0
39	46.5	38.3	57.5





#57
1,3-Dichloropropane
Concen: 98.162 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

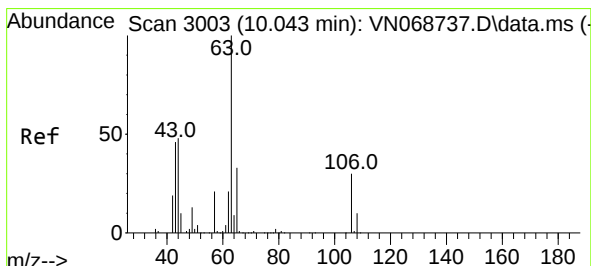
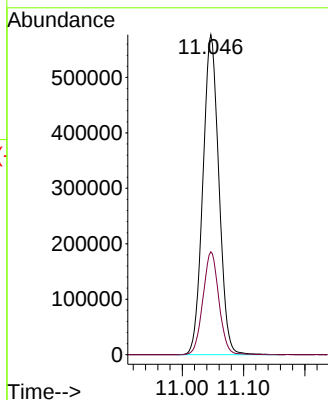
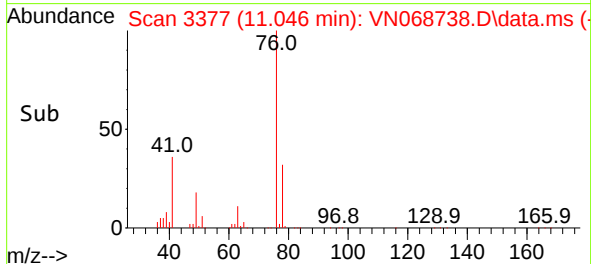
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



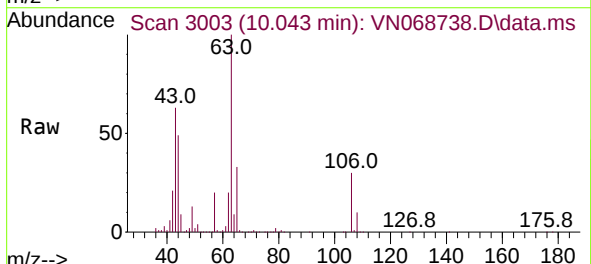
Tgt Ion: 76 Resp: 1046152
Ion Ratio Lower Upper
76 100
78 32.1 25.7 38.5

Manual Integrations
APPROVED

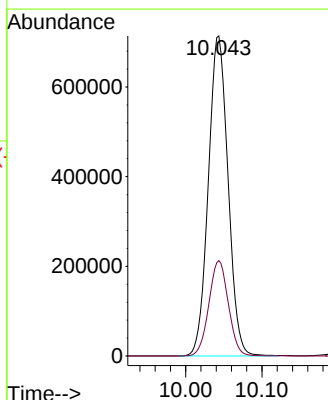
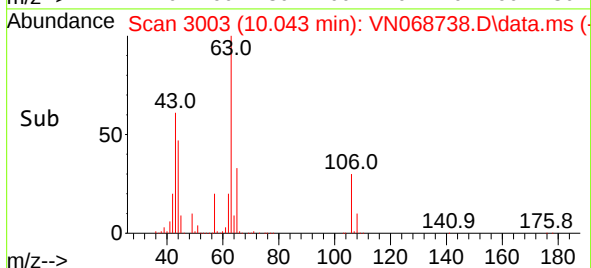
MMDadoda
9/30/2021 6:18:14 PM

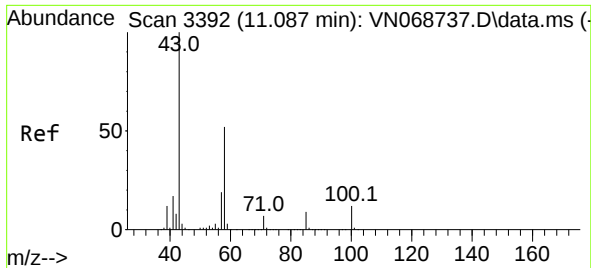


#58
2-Chloroethyl Vinyl ether
Concen: 566.439 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



Tgt Ion: 63 Resp: 1280797
Ion Ratio Lower Upper
63 100
106 29.4 19.8 29.8





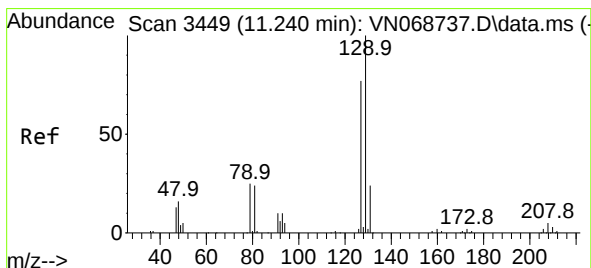
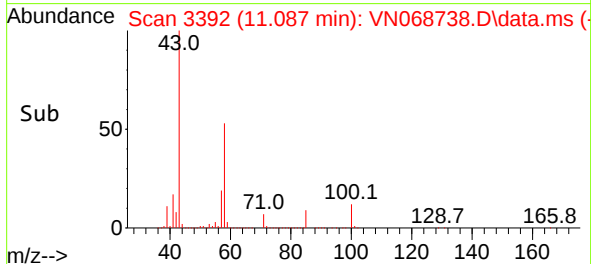
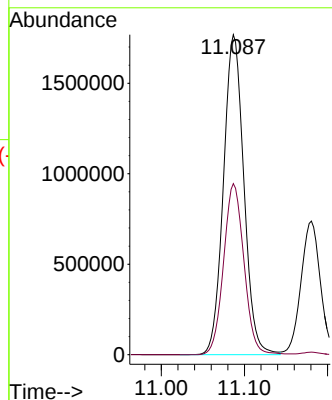
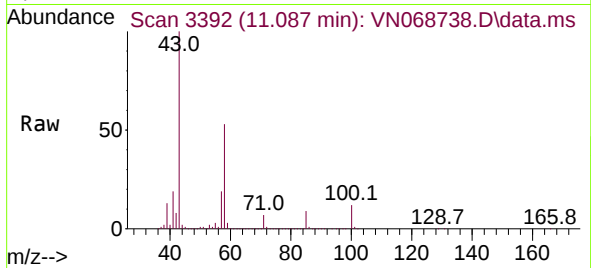
#59
2-Hexanone
Concen: 474.984 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 43 Resp: 3018986
Ion Ratio Lower Upper
43 100
58 53.5 24.7 74.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

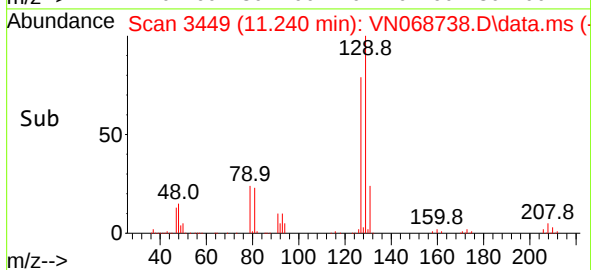
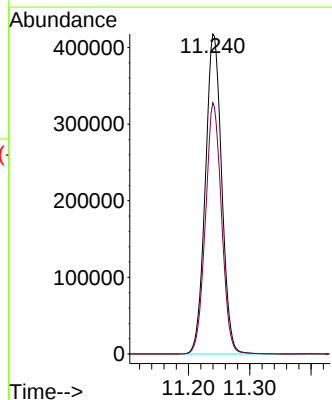
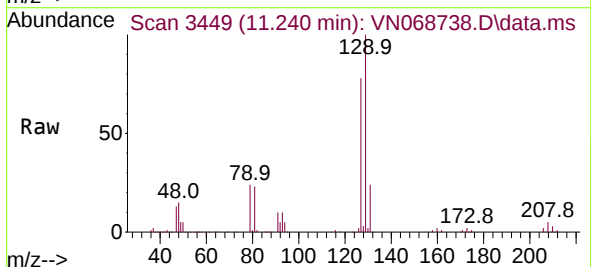
Manual Integrations
APPROVED

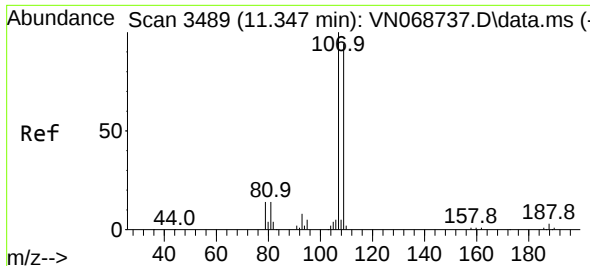
MMDadoda
9/30/2021 6:18:14 PM



#60
Dibromochloromethane
Concen: 143.837 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

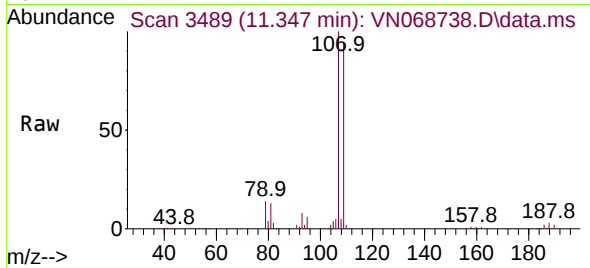
Tgt Ion:129 Resp: 772880
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 120.118 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

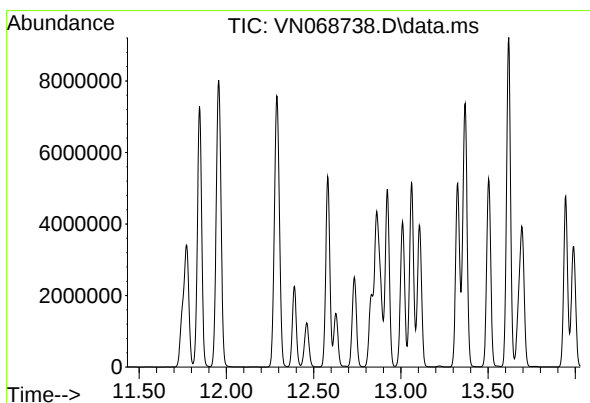
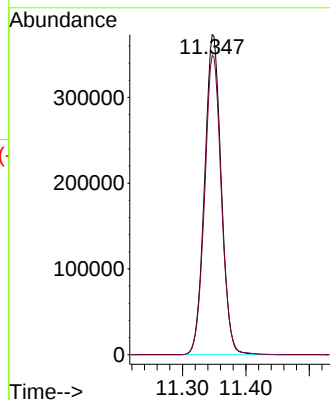
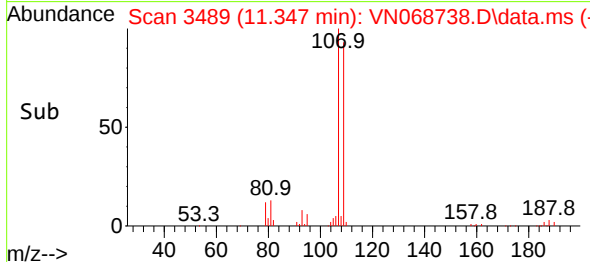
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 680066
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.4

Manual Integrations
APPROVED

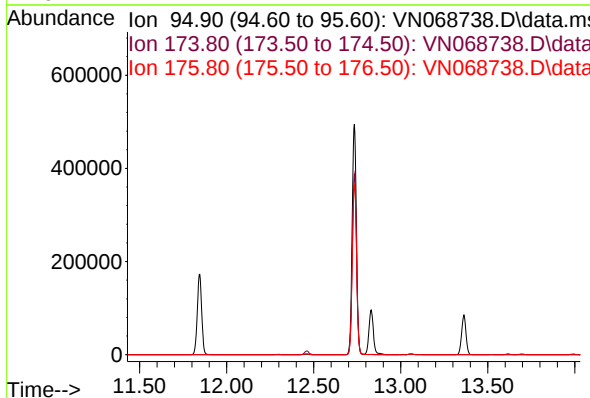
MMDadoda
9/30/2021 6:18:14 PM

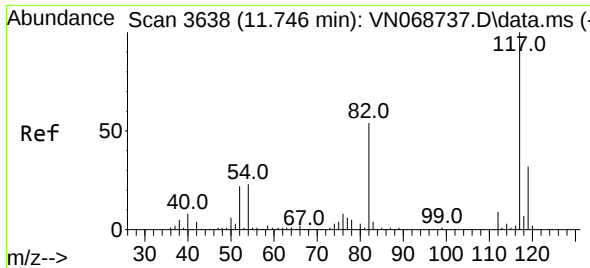


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.73 min

Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 95
Sig Exp Ratio
95 100
174 61.0
176 58.8





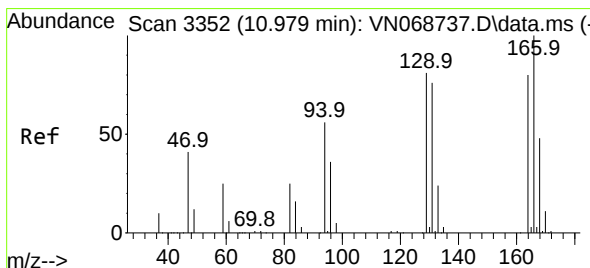
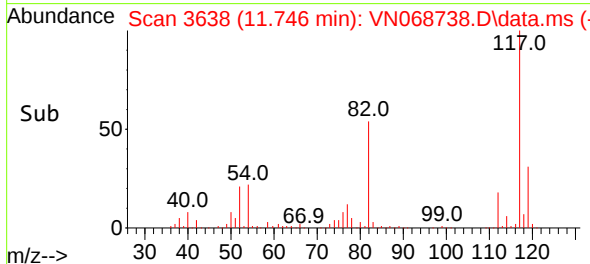
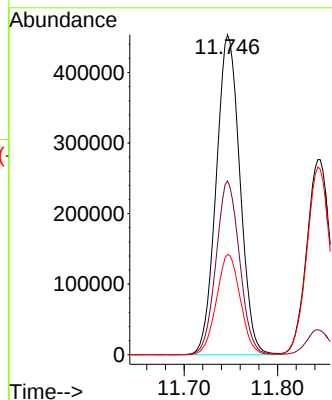
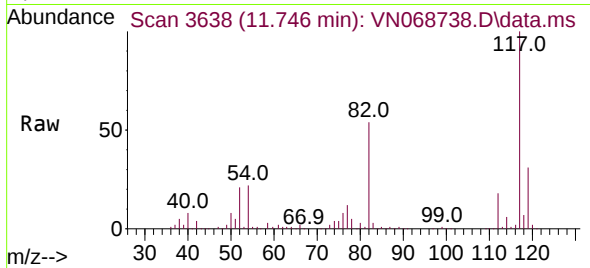
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion:117 Resp: 802567
Ion Ratio Lower Upper
117 100
82 54.3 53.1 79.7
119 31.4 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

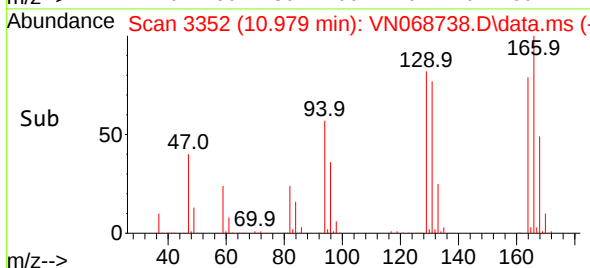
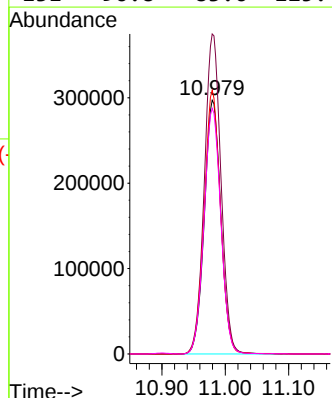
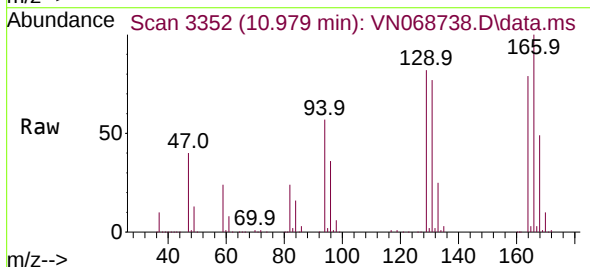
Manual Integrations
APPROVED

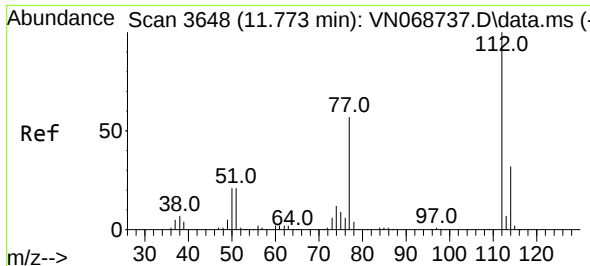
MMDadoda
9/30/2021 6:18:14 PM



#64
Tetrachloroethene
Concen: 102.728 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

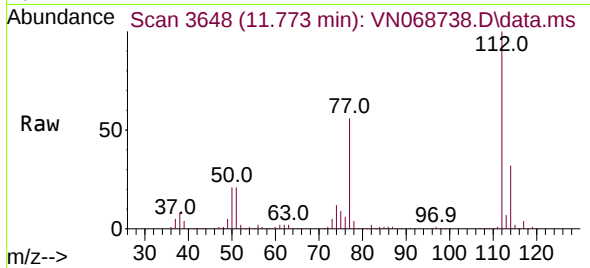
Tgt Ion:164 Resp: 538547
Ion Ratio Lower Upper
164 100
166 126.1 102.1 153.1
129 103.9 86.9 130.3
131 96.8 83.6 125.4





#65
Chlorobenzene
Concen: 109.399 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

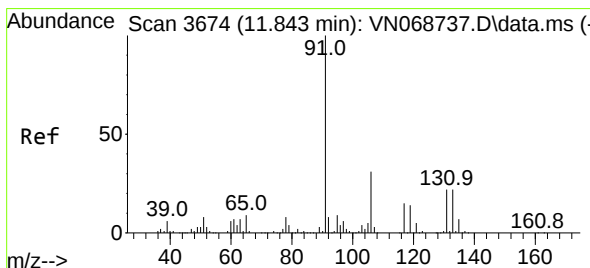
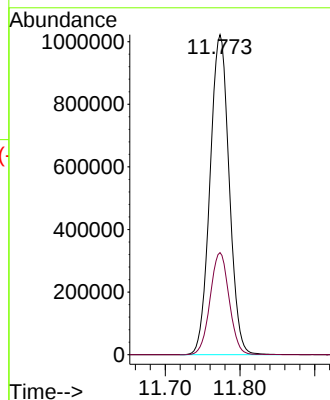
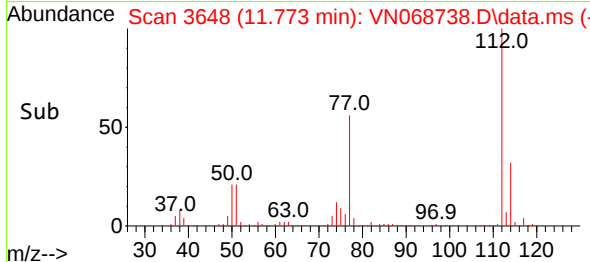
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



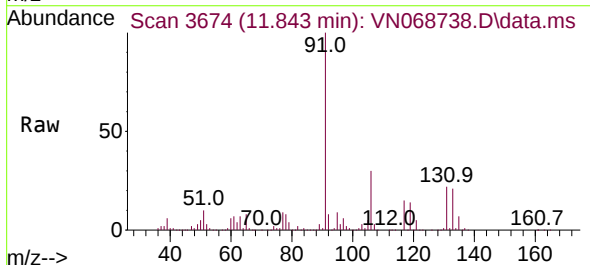
Tgt Ion:112 Resp: 1818955
Ion Ratio Lower Upper
112 100
114 31.9 24.6 37.0

Manual Integrations
APPROVED

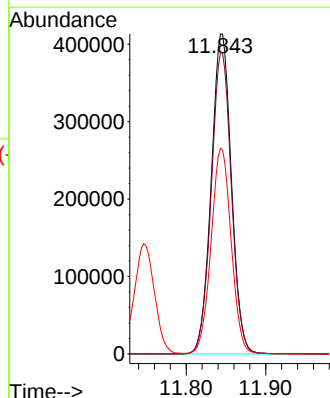
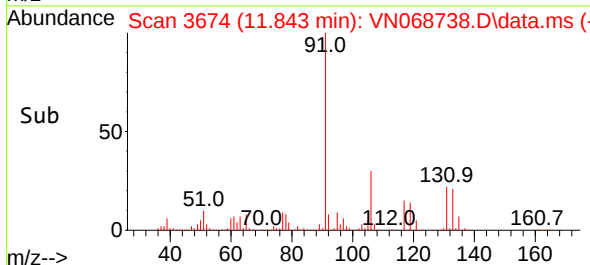
MMDadoda
9/30/2021 6:18:14 PM

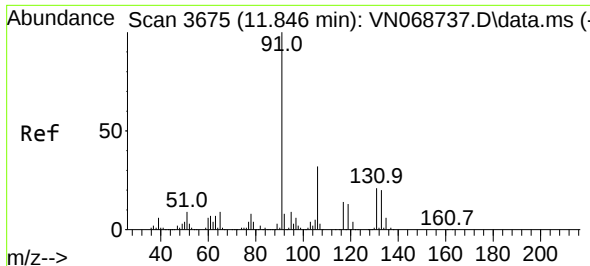


#66
1,1,1,2-Tetrachloroethane
Concen: 127.406 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



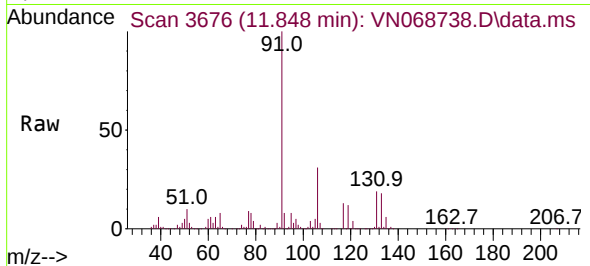
Tgt Ion:131 Resp: 726594
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 64.1 33.1 99.3





#67
Ethyl Benzene
Concen: 101.863 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

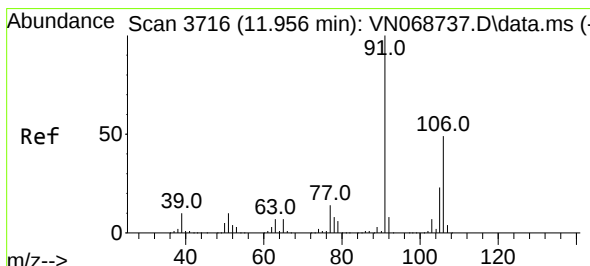
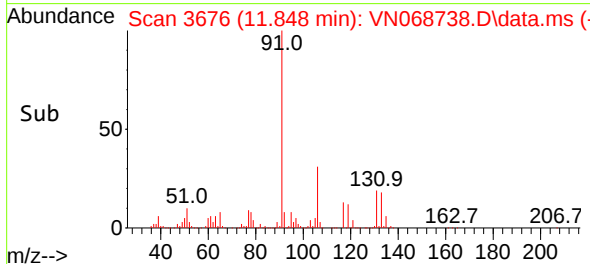
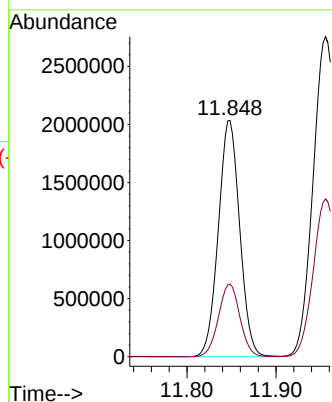
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 3393209
Ion Ratio Lower Upper
91 100
106 30.7 23.4 35.0

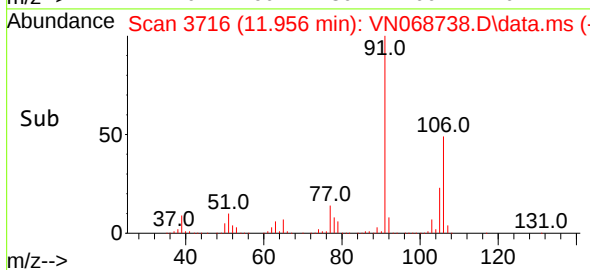
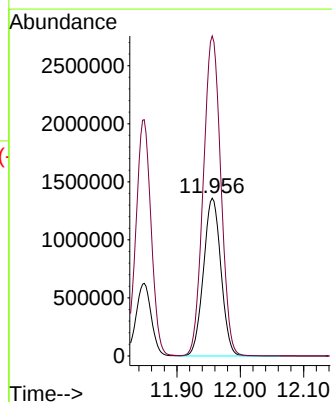
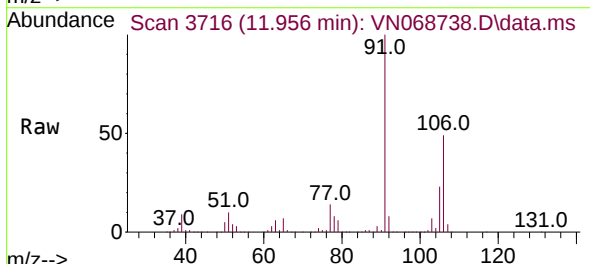
Manual Integrations
APPROVED

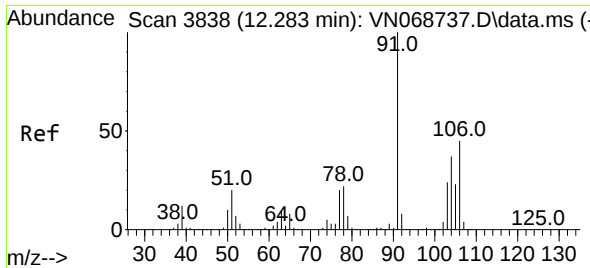
MMDadoda
9/30/2021 6:18:14 PM



#68
m/p-Xylenes
Concen: 226.523 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion:106 Resp: 2598777
Ion Ratio Lower Upper
106 100
91 203.6 180.6 270.8





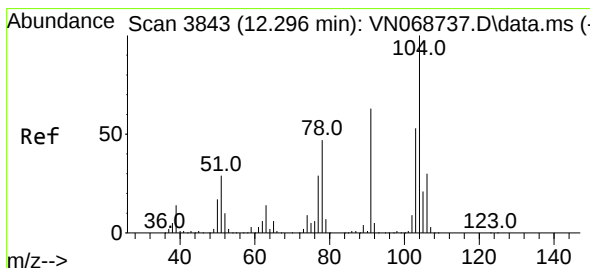
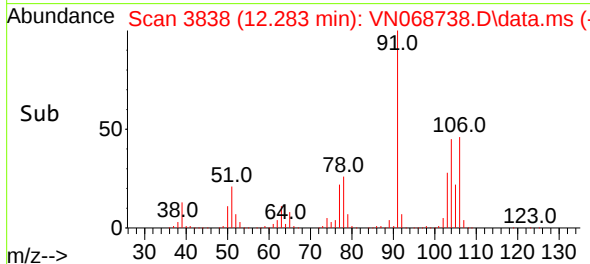
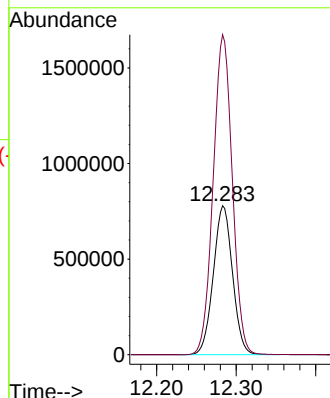
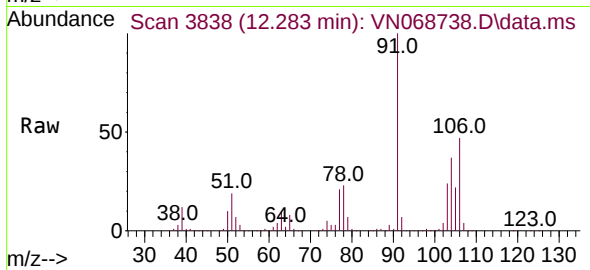
#69
o-Xylene
Concen: 115.427 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion:106 Resp: 1305611
Ion Ratio Lower Upper
106 100
91 214.1 118.3 354.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

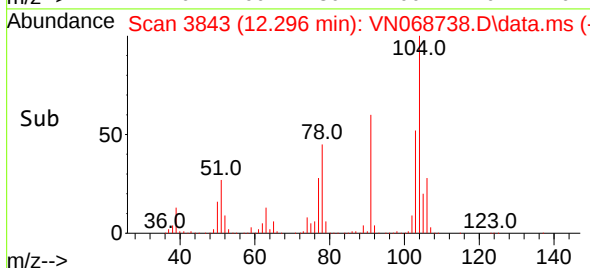
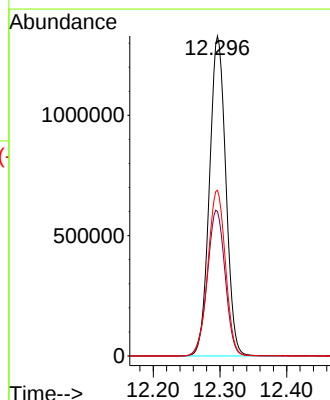
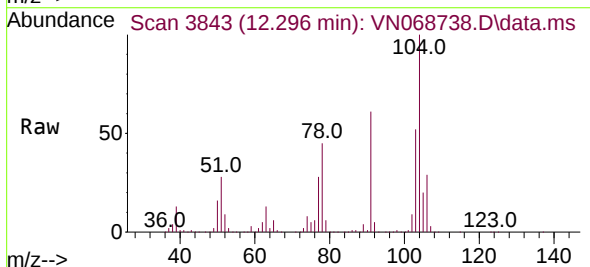
Manual Integrations
APPROVED

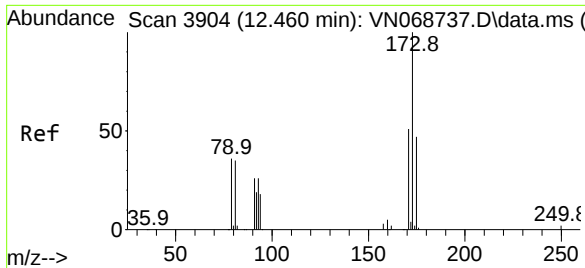
MMDadoda
9/30/2021 6:18:14 PM



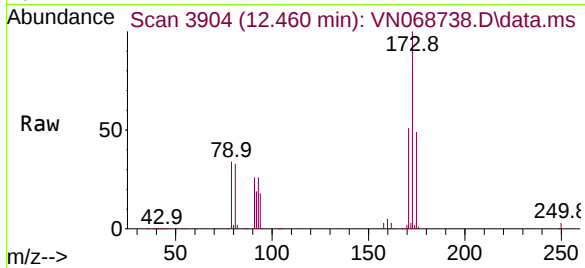
#70
Styrene
Concen: 122.220 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion:104 Resp: 2267503
Ion Ratio Lower Upper
104 100
78 49.6 48.2 72.2
103 55.5 44.5 66.7

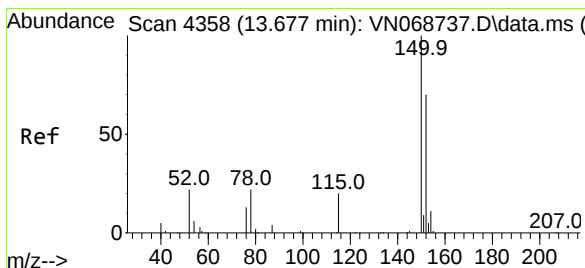
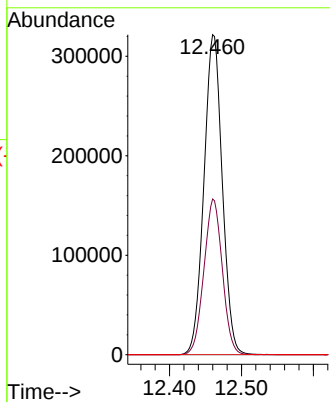
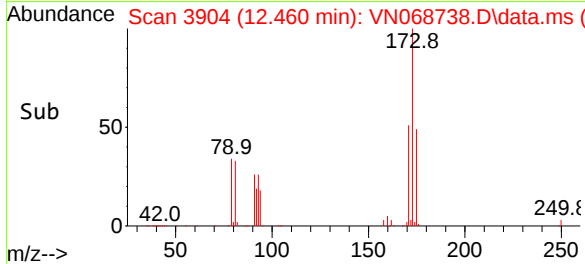




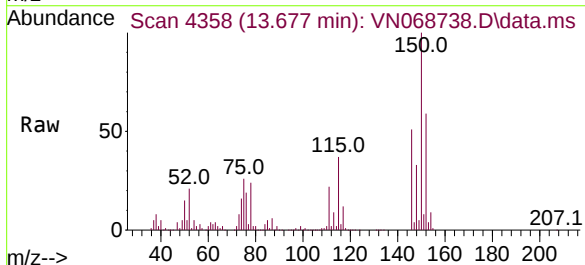
#71
Bromoform
Concen: 149.126 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



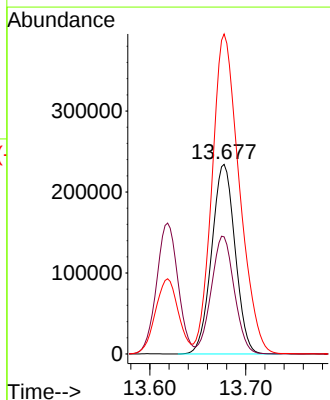
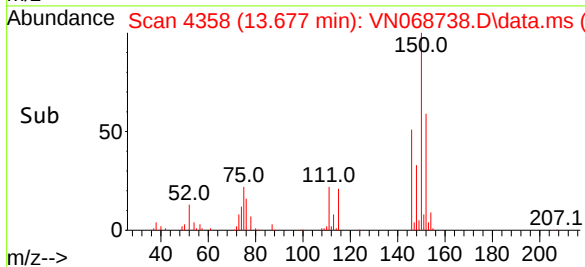
Tgt Ion:173 Resp: 572097
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



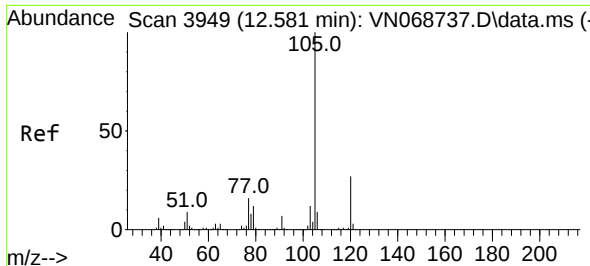
Tgt Ion:152 Resp: 396972
Ion Ratio Lower Upper
152 100
115 60.5 36.1 108.5
150 196.5 0.0 351.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

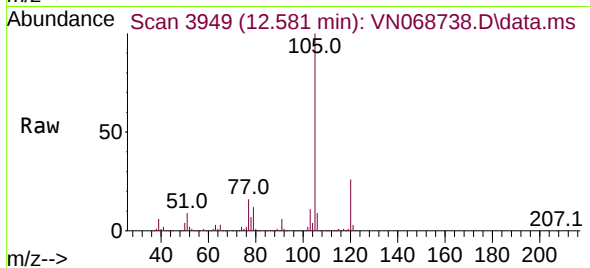
Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:14 PM



#73
Isopropylbenzene
Concen: 90.641 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

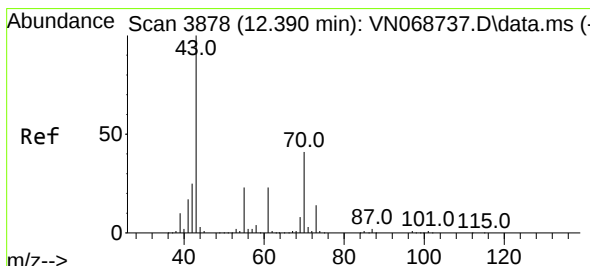
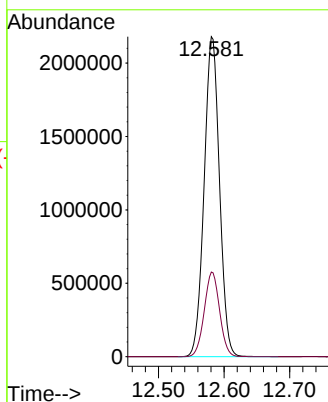
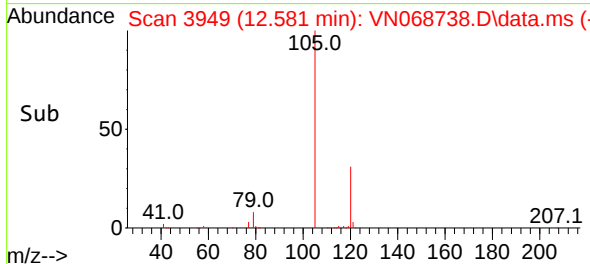
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



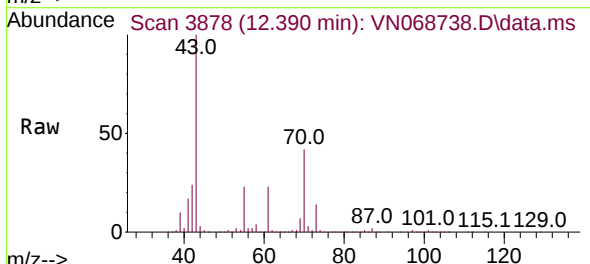
Tgt Ion:105 Resp: 3538153
Ion Ratio Lower Upper
105 100
120 26.4 12.5 37.5

Manual Integrations
APPROVED

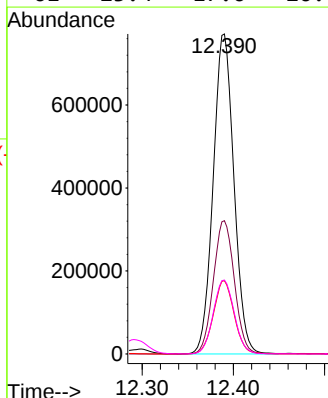
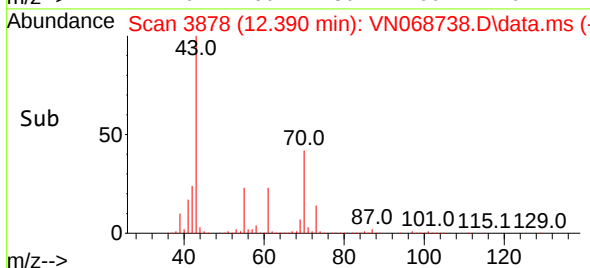
MMDadoda
9/30/2021 6:18:14 PM

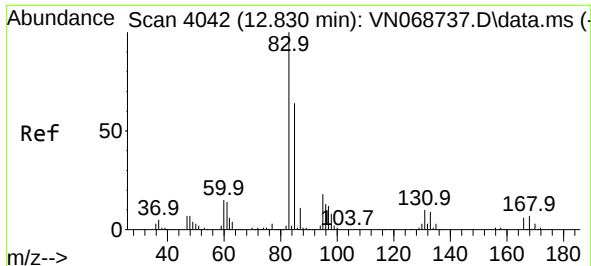


#74
N-ethyl acetate
Concen: 67.492 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



Tgt Ion: 43 Resp: 1215960
Ion Ratio Lower Upper
43 100
70 42.3 29.4 44.2
55 23.0 17.0 25.4
61 23.4 17.6 26.4





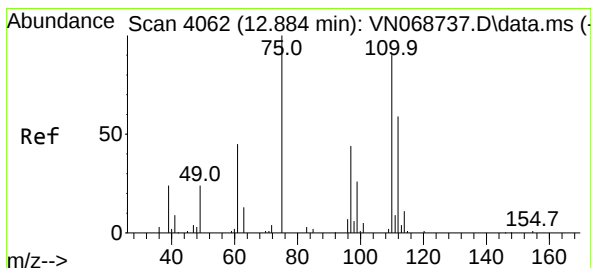
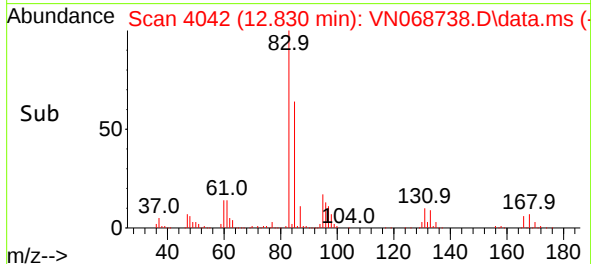
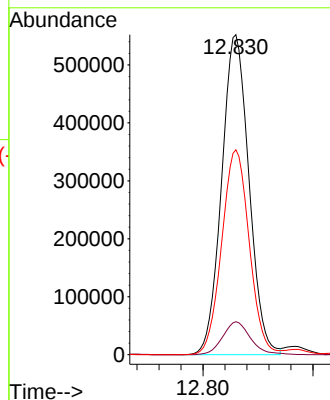
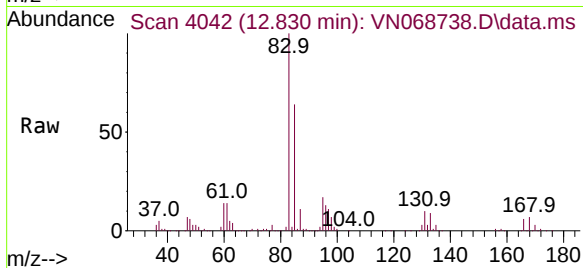
#75
1,1,2,2-Tetrachloroethane
Concen: 76.491 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 83 Resp: 953579
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.4
85 64.5 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

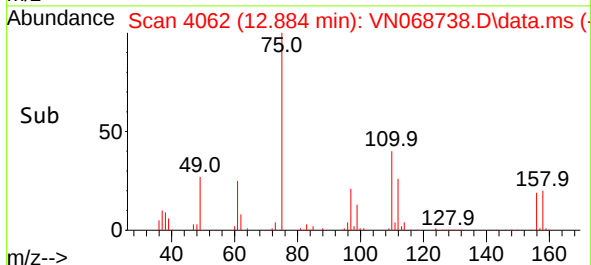
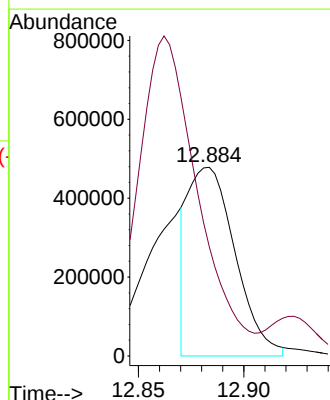
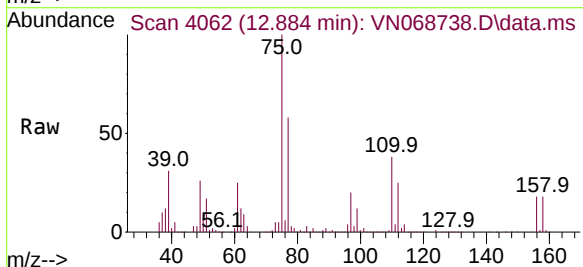
Manual Integrations
APPROVED

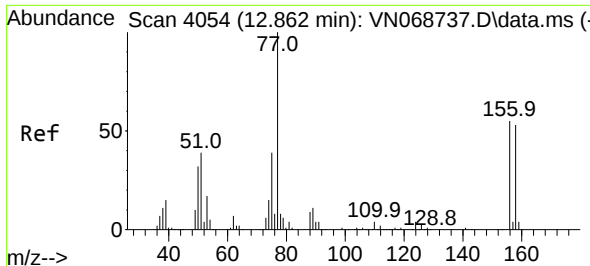
MMDadoda
9/30/2021 6:18:14 PM



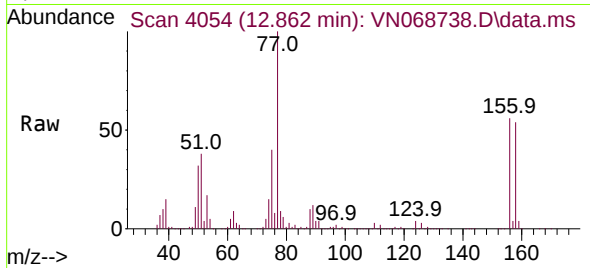
#76
1,2,3-Trichloropropane
Concen: 68.147 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 75 Resp: 745043
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

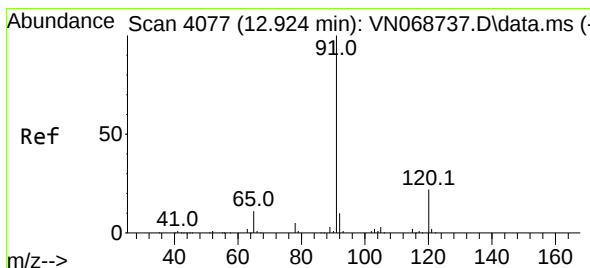
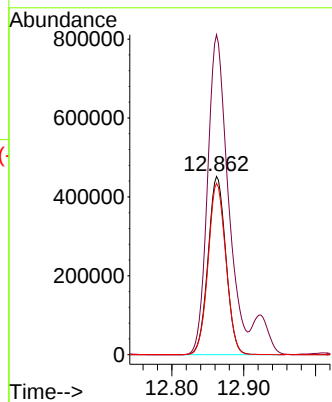
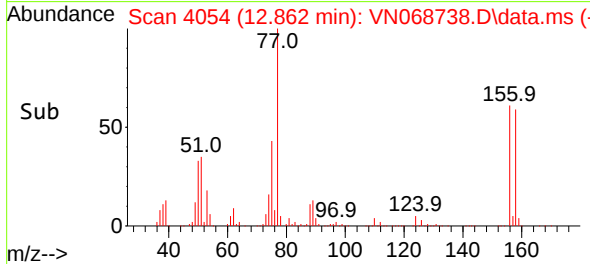




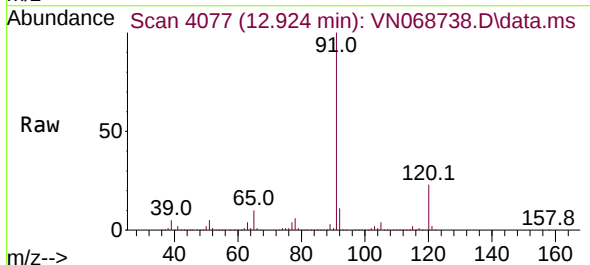
#77
Bromobenzene
Concen: 105.379 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



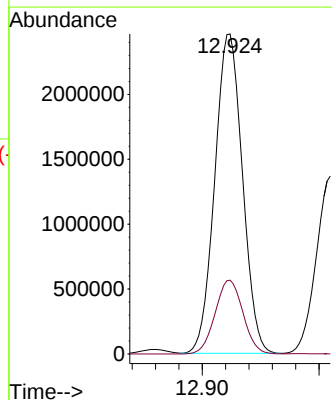
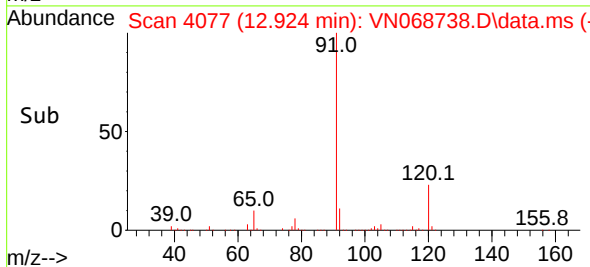
Tgt Ion:156 Resp: 778590
Ion Ratio Lower Upper
156 100
77 205.5 136.2 408.6
158 96.1 48.4 145.3



#78
n-propylbenzene
Concen: 84.977 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



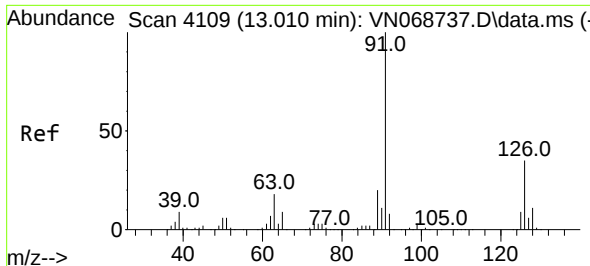
Tgt Ion: 91 Resp: 4044528
Ion Ratio Lower Upper
91 100
120 23.2 10.4 31.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:14 PM



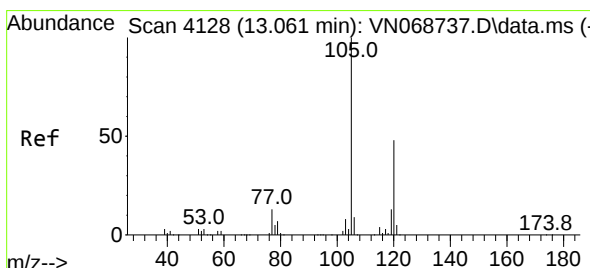
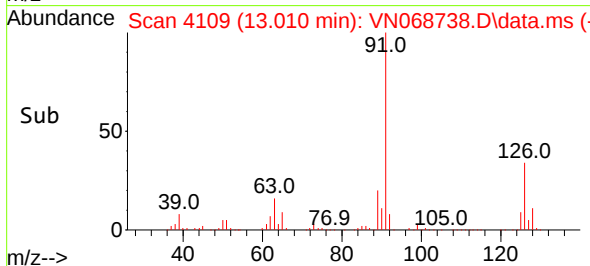
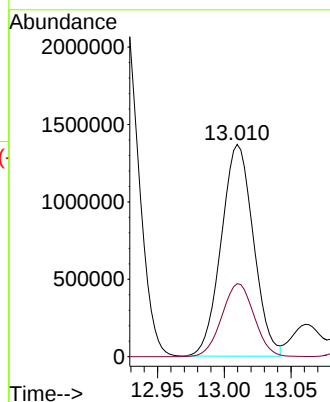
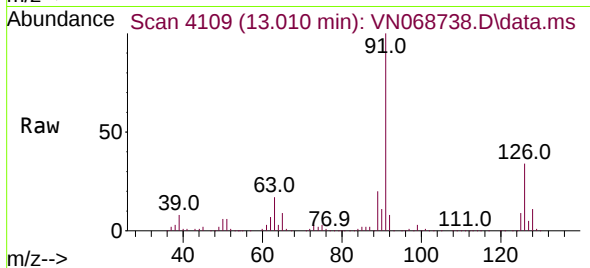
#79
2-Chlorotoluene
Concen: 80.773 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion: 91 Resp: 2299053
Ion Ratio Lower Upper
91 100
126 34.6 14.5 43.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

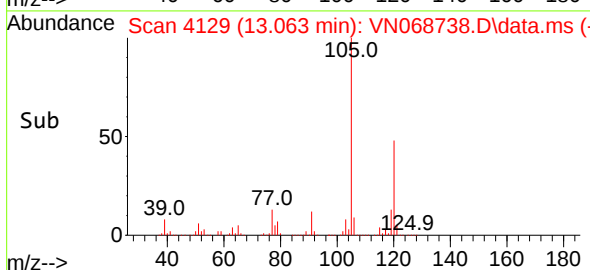
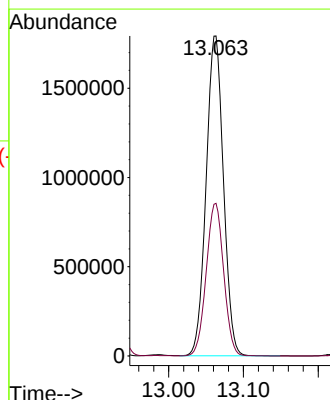
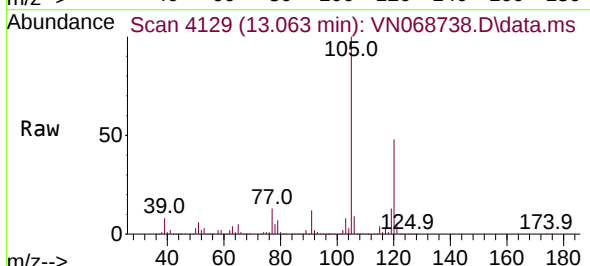
Manual Integrations
APPROVED

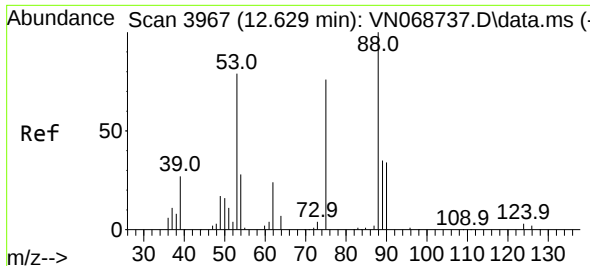
MMDadoda
9/30/2021 6:18:14 PM



#80
1,3,5-Trimethylbenzene
Concen: 90.788 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

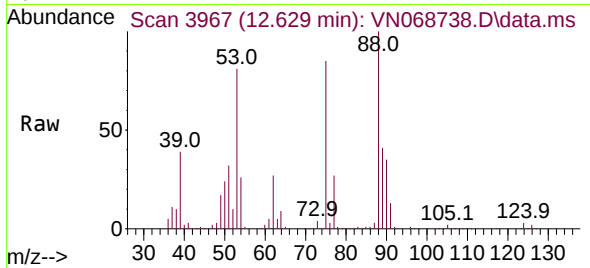
Tgt Ion: 105 Resp: 2888356
Ion Ratio Lower Upper
105 100
120 48.2 22.2 66.6





#81
trans-1,4-Dichloro-2-butene
Concen: 84.034 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

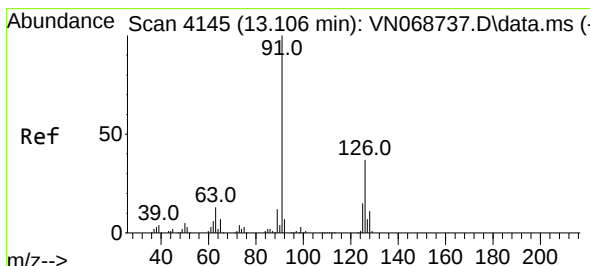
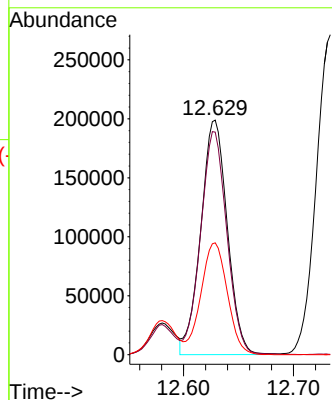
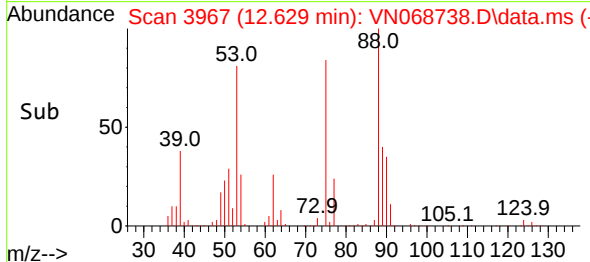
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



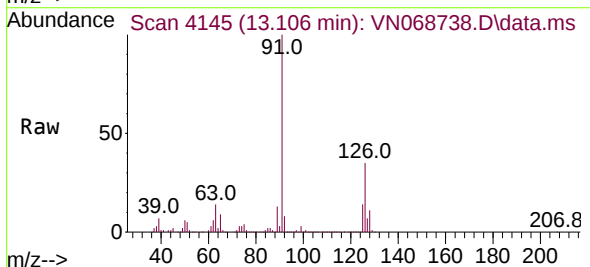
Tgt Ion:	75	Resp:	333155
Ion	Ratio	Lower	Upper
75	100		
53	94.5	87.6	131.4
89	47.8	37.8	56.8

Manual Integrations
APPROVED

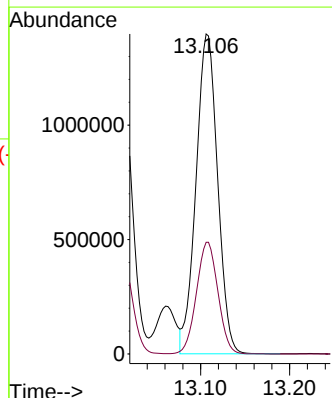
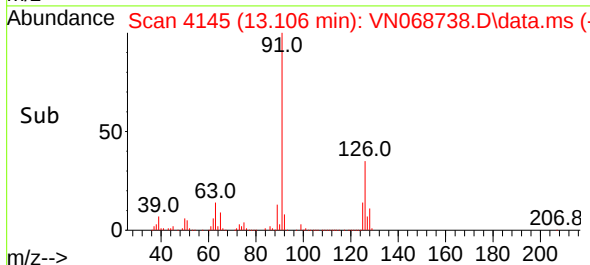
MMDadoda
9/30/2021 6:18:14 PM

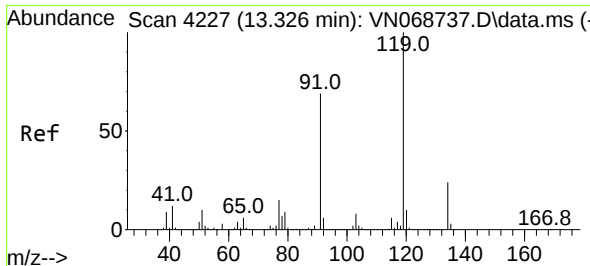


#82
4-Chlorotoluene
Concen: 84.056 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



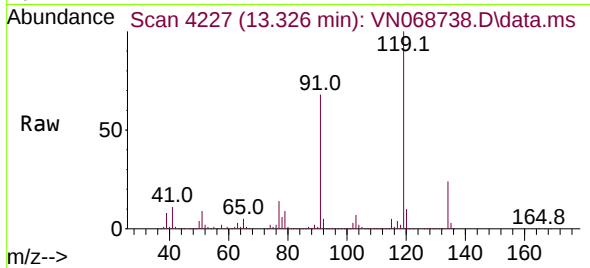
Tgt Ion:	91	Resp:	2354464
Ion	Ratio	Lower	Upper
91	100		
126	34.8	14.8	44.4





#83
tert-Butylbenzene
Concen: 99.831 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

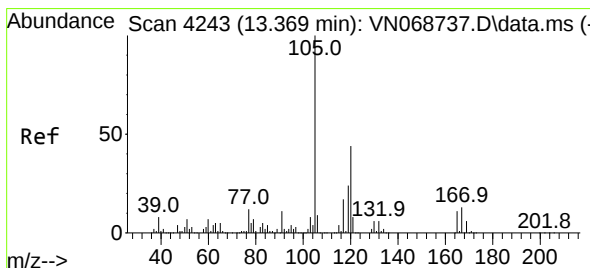
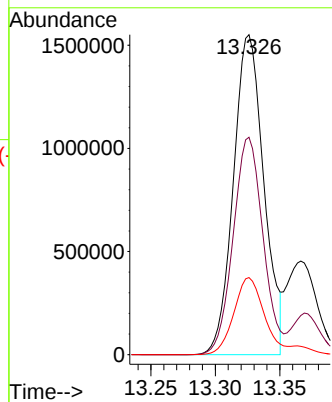
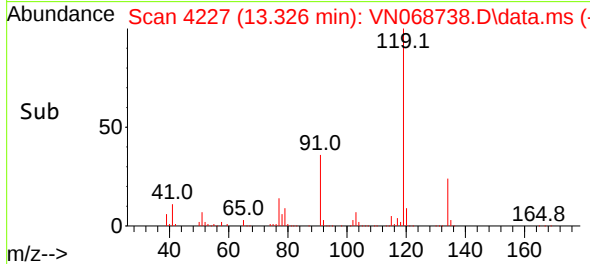
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



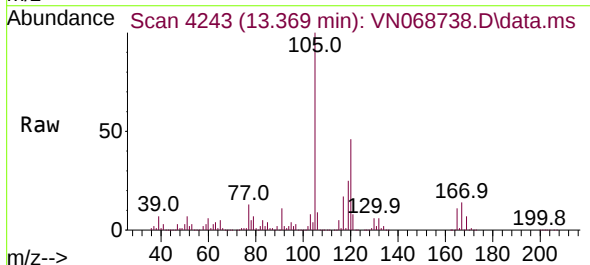
Tgt Ion:119 Resp: 2552801
Ion Ratio Lower Upper
119 100
91 66.7 39.5 118.5
134 24.0 12.0 36.0

Manual Integrations
APPROVED

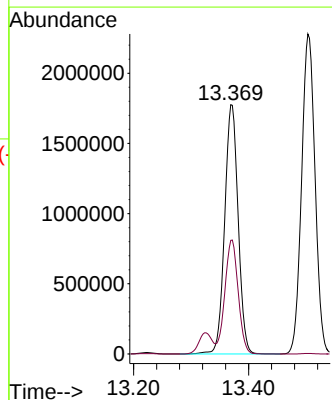
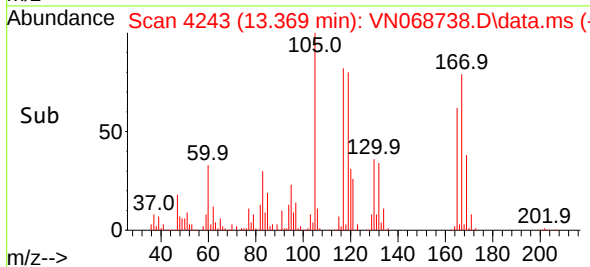
MMDadoda
9/30/2021 6:18:14 PM

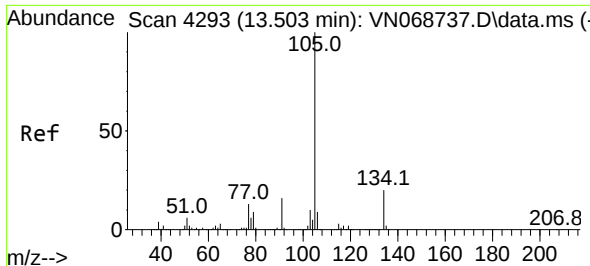


#84
1,2,4-Trimethylbenzene
Concen: 92.110 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



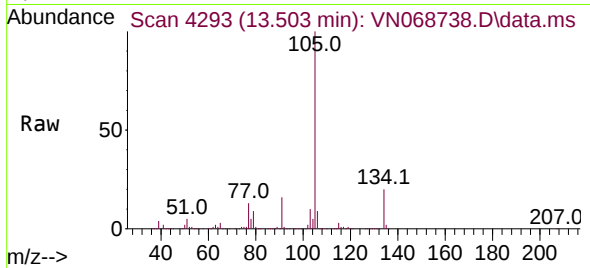
Tgt Ion:105 Resp: 2886731
Ion Ratio Lower Upper
105 100
120 45.2 20.6 61.8





#85
 sec-Butylbenzene
 Concen: 97.100 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN068738.D
 Acq: 29 Sep 2021 13:25

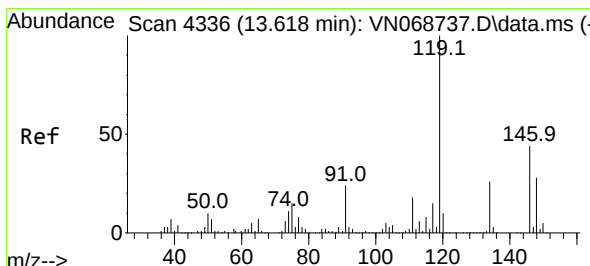
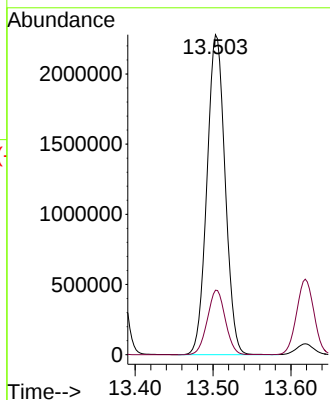
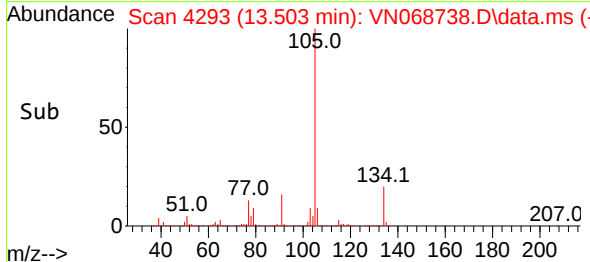
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



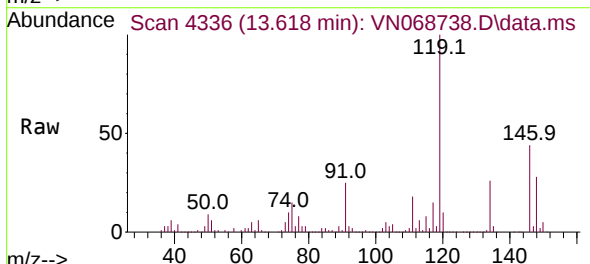
Tgt Ion:105 Resp: 3691795
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.0 27.1

Manual Integrations
 APPROVED

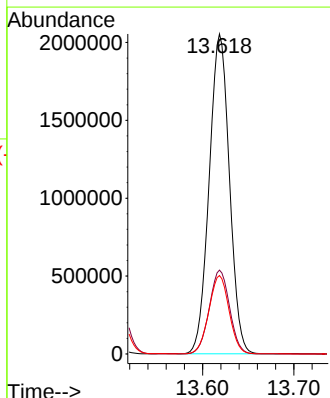
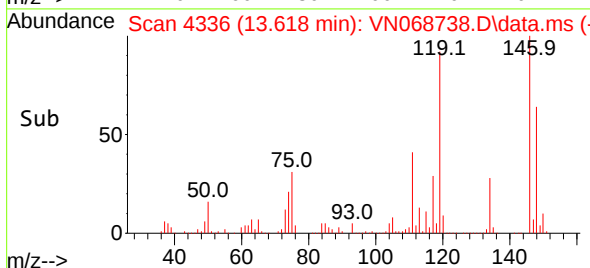
MMDadoda
 9/30/2021 6:18:14 PM

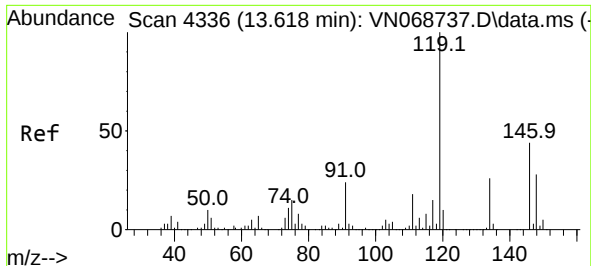


#86
 p-Isopropyltoluene
 Concen: 110.120 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN068738.D
 Acq: 29 Sep 2021 13:25



Tgt Ion:119 Resp: 3162774
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.4 37.4
 91 24.5 14.8 44.3





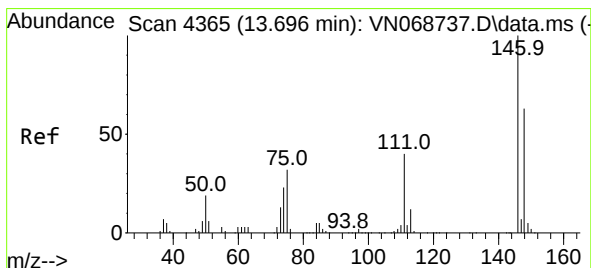
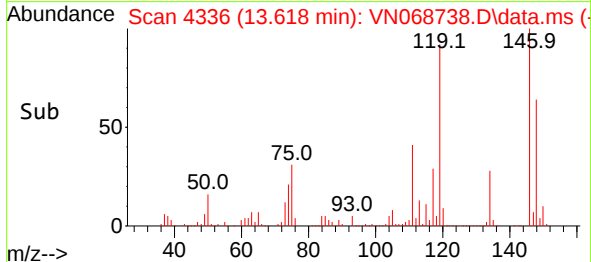
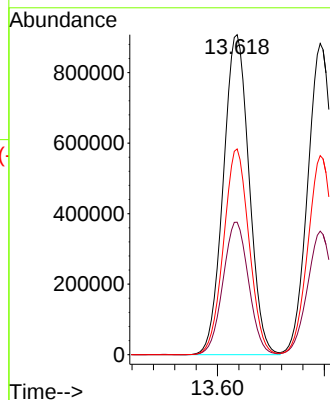
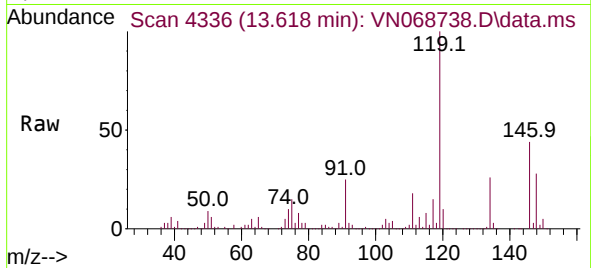
#87
1,3-Dichlorobenzene
Concen: 112.703 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Tgt Ion:146 Resp: 1524923
Ion Ratio Lower Upper
146 100
111 41.1 24.3 72.8
148 63.5 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

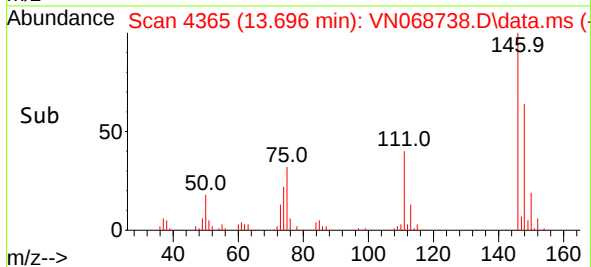
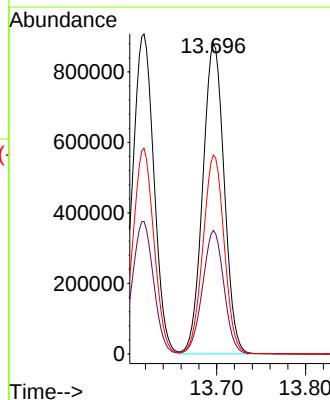
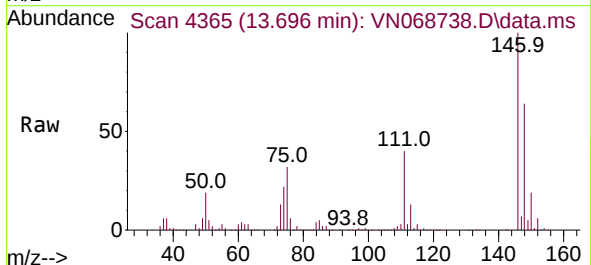
Manual Integrations
APPROVED

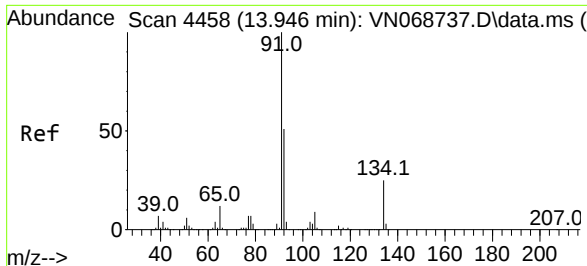
MMDadoda
9/30/2021 6:18:14 PM



#88
1,4-Dichlorobenzene
Concen: 108.993 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

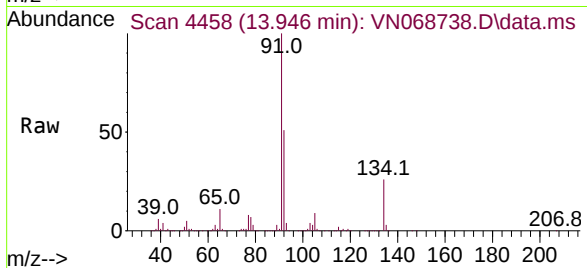
Tgt Ion:146 Resp: 1470133
Ion Ratio Lower Upper
146 100
111 39.4 23.4 70.2
148 63.7 31.8 95.3





#89
n-Butylbenzene
Concen: 96.444 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

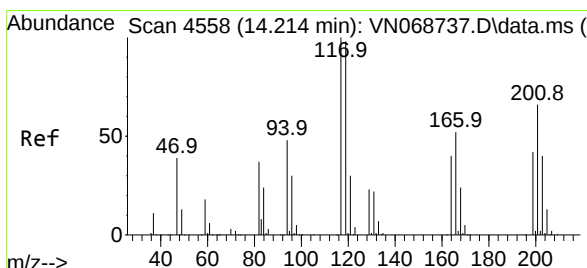
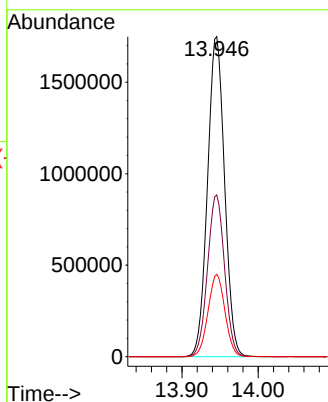
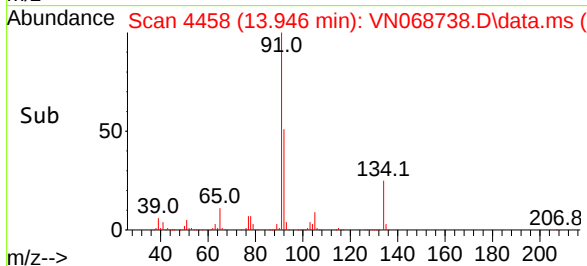
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



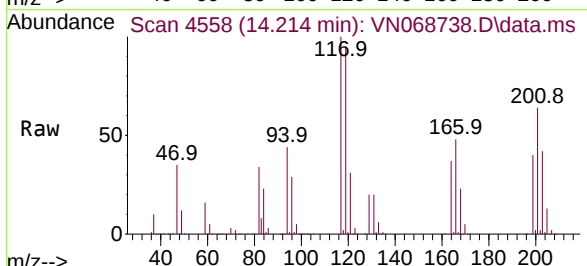
Tgt Ion: 91 Resp: 2712738
Ion Ratio Lower Upper
91 100
92 50.6 25.7 77.1
134 25.6 11.2 33.6

Manual Integrations
APPROVED

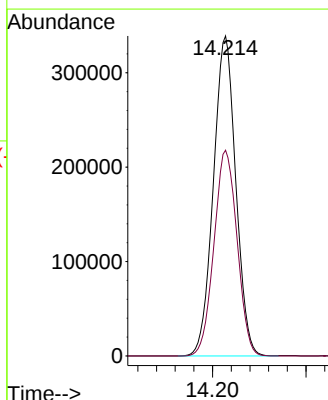
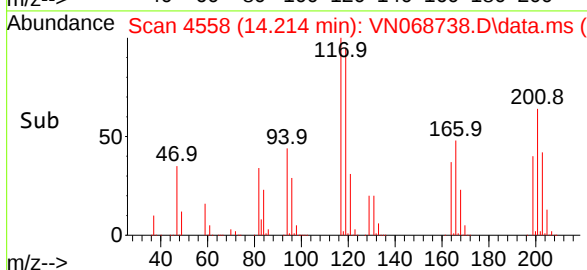
MMDadoda
9/30/2021 6:18:14 PM

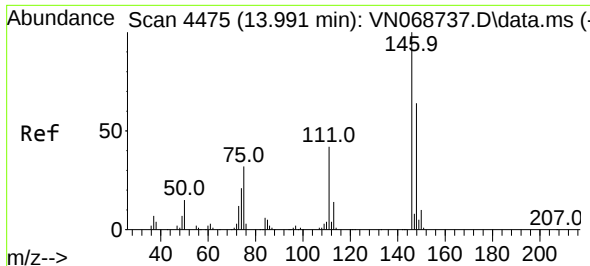


#90
Hexachloroethane
Concen: 104.157 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



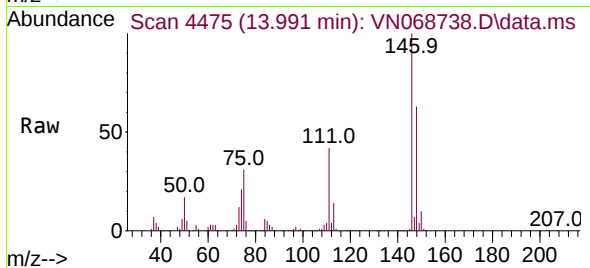
Tgt Ion: 117 Resp: 565401
Ion Ratio Lower Upper
117 100
201 66.2 33.5 100.5





#91
1,2-Dichlorobenzene
Concen: 107.069 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

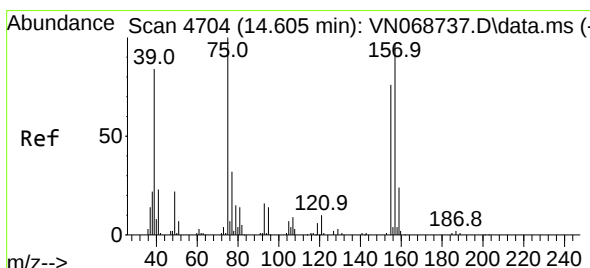
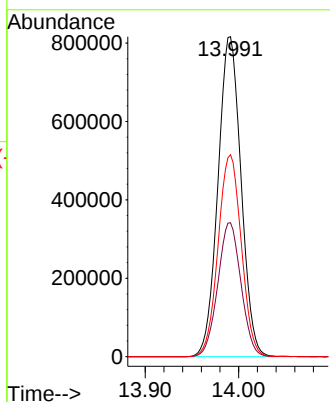
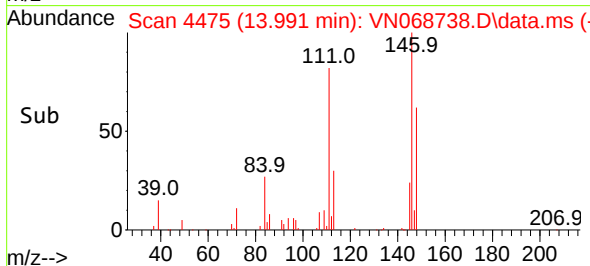
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



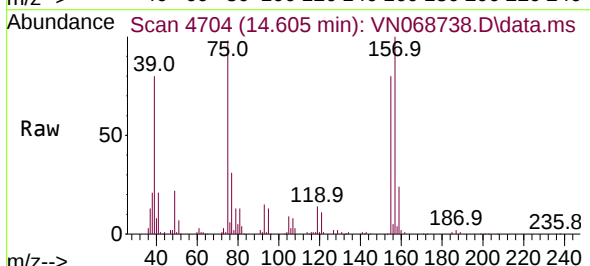
Tgt Ion:146 Resp: 1402077
Ion Ratio Lower Upper
146 100
111 42.0 24.9 74.6
148 63.5 31.6 95.0

Manual Integrations
APPROVED

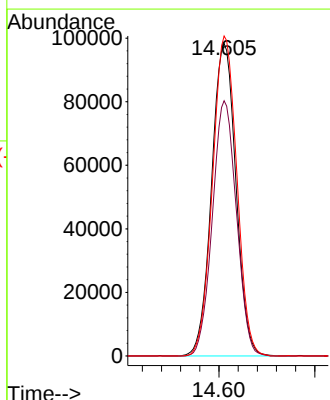
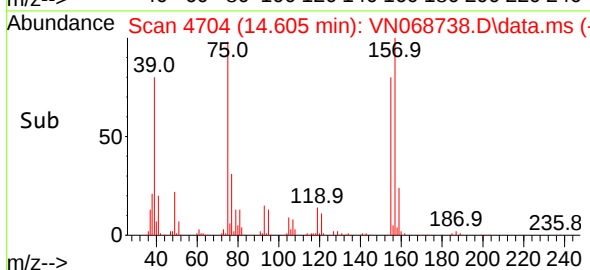
MMDadoda
9/30/2021 6:18:14 PM

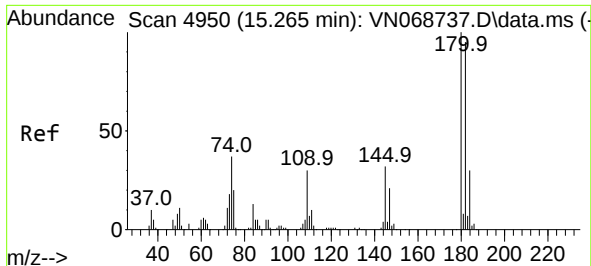


#92
1,2-Dibromo-3-Chloropropane
Concen: 78.166 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



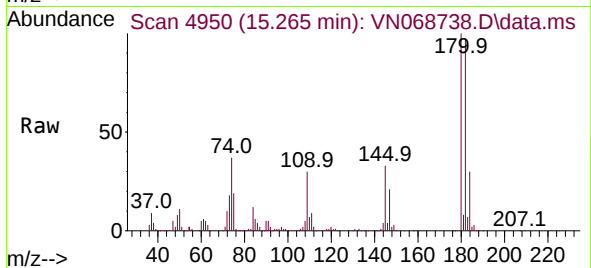
Tgt Ion: 75 Resp: 172873
Ion Ratio Lower Upper
75 100
155 80.7 29.8 89.5
157 102.3 37.6 112.8





#93
1,2,4-Trichlorobenzene
Concen: 120.447 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

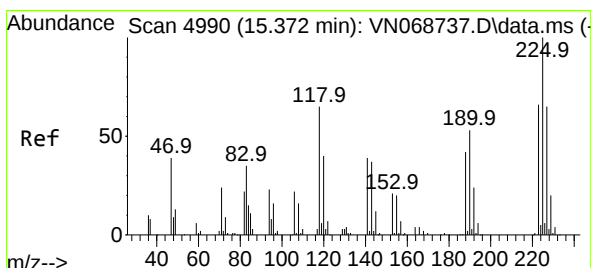
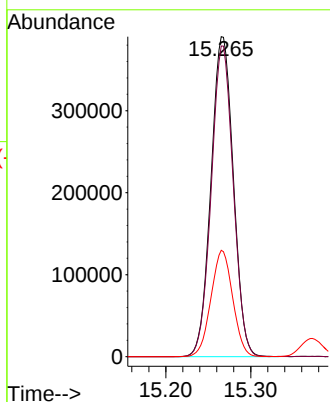
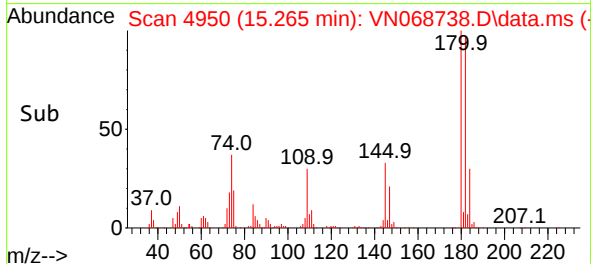
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



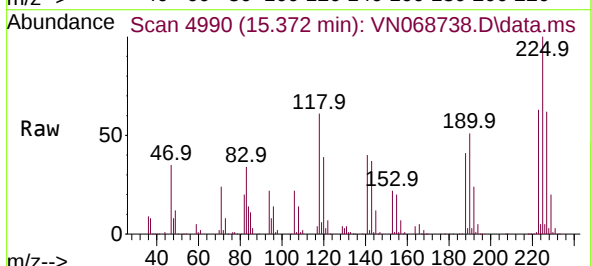
Tgt Ion:180 Resp: 712383
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 32.4 17.2 51.6

Manual Integrations
APPROVED

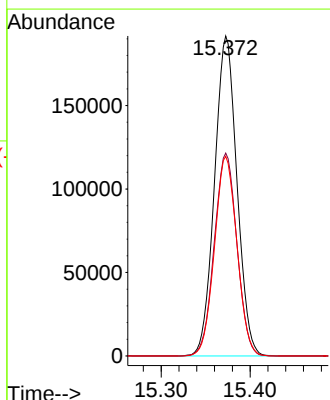
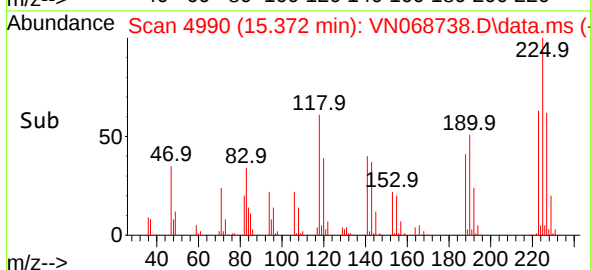
MMDadoda
9/30/2021 6:18:14 PM

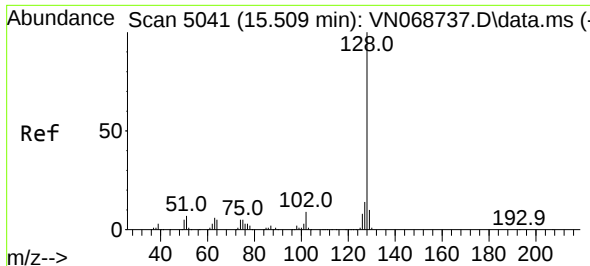


#94
Hexachlorobutadiene
Concen: 111.301 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



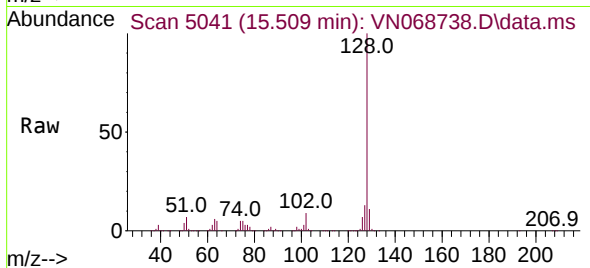
Tgt Ion:225 Resp: 335842
Ion Ratio Lower Upper
225 100
223 64.1 31.4 94.0
227 62.4 31.2 93.6





#95
Naphthalene
Concen: 108.218 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

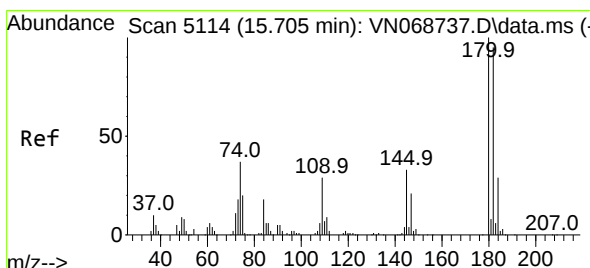
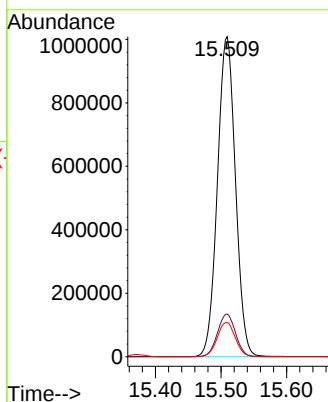
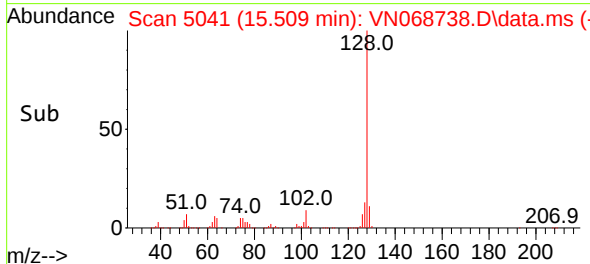


Tgt Ion:128 Resp: 1923948

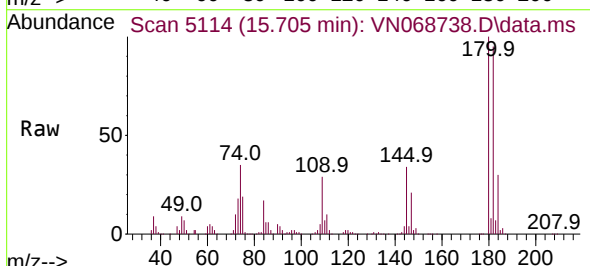
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 121.309 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.000 min
Lab File: VN068738.D
Acq: 29 Sep 2021 13:25



Tgt Ion:180 Resp: 662994

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.3
145	33.9	18.2	54.6

