

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092721\
 Data File : VN068702.D
 Acq On : 27 Sep 2021 13:20
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/28/2021 7:05:42 PM

Quant Time: Sep 27 14:22:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 14:19:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	76457	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	430089	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	468875	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	239474	37.703	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	125.667%#
60) 4-Bromofluorobenzene	12.733	95	242071	33.591	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	111.967%
63) Toluene-d8	10.443	98	590852	28.619	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	461109	109.624	ug/l	97
3) Chloromethane	2.301	50	553208	98.932	ug/l	98
4) Vinyl Chloride	2.440	62	690745	107.967	ug/l	99
5) Bromomethane	2.821	94	506329	121.016	ug/l	98
6) Chloroethane	2.998	64	508517	113.961	ug/l	100
7) Trichlorofluoromethane	3.365	101	791881	103.397	ug/l	99
8) Diethyl Ether	3.824	74	289186	104.562	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.207	101	441418	105.747	ug/l	99
10) 1,1-Dichloroethene	4.181	96	418832	105.343	ug/l	98
11) Methyl Iodide	4.422	142	573527	113.791	ug/l	99
12) Methyl Acetate	4.854	43	887963	103.821	ug/l	98
13) Acrolein	4.044	56	131571	509.129	ug/l	# 29
14) Acrylonitrile	5.554	53	1376667	546.147	ug/l	98
15) Acetone	4.285	58	355630	555.759	ug/l	96
16) Carbon Disulfide	4.535	76	1191590	102.398	ug/l	99
17) Allyl chloride	4.840	41	848995	108.517	ug/l	97
18) Methylene Chloride	5.098	84	505919	104.093	ug/l	95
19) trans-1,2-Dichloroethene	5.599	96	455154	102.898	ug/l	97
20) Diisopropyl ether	6.495	45	1817630	105.604	ug/l	99
21) 1,1-Dichloroethane	6.388	63	927587	101.457	ug/l	100
22) cis-1,2-Dichloroethene	7.327	96	551292	104.872	ug/l	96
23) tert-Butyl Alcohol	5.369	59	471717	560.133	ug/l	# 100
24) Methyl tert-Butyl Ether	5.615	73	1637753	107.502	ug/l	97
25) Chloroform	7.817	83	1160810	123.159	ug/l	99
26) Cyclohexane	8.096	56	884465	101.449	ug/l	# 99
29) 1,1-Dichloropropene	8.222	75	1138508	156.714	ug/l	99
30) 2-Butanone	7.335	43	1996295	534.427	ug/l	100
31) 2,2-Dichloropropane	7.327	77	838574	128.587	ug/l	97
32) 1,1,1-Trichloroethane	8.018	97	982748	109.723	ug/l	99
33) Carbon Tetrachloride	8.206	117	1177209	151.016	ug/l	98
34) Benzene	8.461	78	2362383	111.180	ug/l	99
35) Methacrylonitrile	7.635	41	437362	110.080	ug/l	97
36) 1,2-Dichloroethane	8.531	62	907755	108.908	ug/l	98
37) Trichloroethene	9.217	130	576888	110.300	ug/l	98
38) Methylcyclohexane	9.461	83	1355223	160.836	ug/l	98
39) 1,2-Dichloropropane	9.491	63	886112	157.774	ug/l	97
40) Dibromomethane	9.579	93	556452	134.915	ug/l	98
41) Bromodichloromethane	9.762	83	1116681	134.702	ug/l	98
42) Vinyl Acetate	6.433	43	7403595	540.765	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092721\
 Data File : VN068702.D
 Acq On : 27 Sep 2021 13:20
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

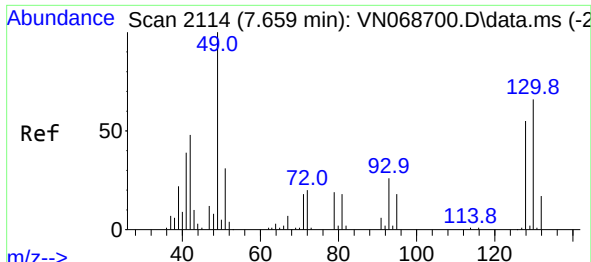
Manual Integrations
 APPROVED

MMDadoda
 9/28/2021 7:05:42 PM

Quant Time: Sep 27 14:22:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 14:19:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	834953	104.178	ug/l	100
44) Isopropyl Acetate	8.560	43	1531887	107.812	ug/l	100
45) 1,4-Dioxane	9.566	88	295584	3179.818	ug/l	96
46) Methyl methacrylate	9.561	41	1054985	154.414	ug/l	94
47) n-amyl Acetate	12.387	43	1482996	115.463	ug/l	97
48) t-1,3-Dichloropropene	10.722	75	1100495	111.152	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	1136889	113.287	ug/l	94
50) 1,1,2-Trichloroethane	10.899	97	642034	98.573	ug/l	99
51) Ethyl methacrylate	10.762	69	1034819	94.208	ug/l	98
52) 1,3-Dichloropropane	11.046	76	1006804	88.675	ug/l	99
53) Dibromochloromethane	11.240	129	972285	133.823	ug/l	99
54) 1,2-Dibromoethane	11.347	107	835357	124.083	ug/l	98
55) 2-Chloroethyl vinyl ether	10.043	63	1840318	734.322	ug/l	100
56) Bromoform	12.460	173	528285	110.603	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	4950748	534.138	ug/l	100
59) 2-Hexanone	11.087	43	3801937	538.829	ug/l	100
61) Tetrachloroethene	10.979	164	522144	96.205	ug/l	98
62) Toluene	10.507	91	2670786	104.241	ug/l	100
64) Chlorobenzene	11.771	112	1780644	108.617	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	665320	105.976	ug/l	98
66) Ethyl Benzene	11.846	91	3296631	109.094	ug/l	97
67) m/p-Xylenes	11.953	106	2367329	212.769	ug/l	96
68) o-Xylene	12.283	106	1240581	113.221	ug/l	95
69) Styrene	12.294	104	2084924	118.433	ug/l	98
70) Isopropylbenzene	12.581	105	3275328	117.091	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.830	83	919964	108.907	ug/l	100
72) 1,2,3-Trichloropropane	12.884	75	1136486m	140.618	ug/l	
73) Bromobenzene	12.868	156	789882	123.945	ug/l	94
74) n-propylbenzene	12.921	91	4362735	134.174	ug/l	99
75) 2-Chlorotoluene	13.010	91	2205886	112.838	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	2562955	111.595	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	345316	137.091	ug/l	98
78) 4-Chlorotoluene	13.106	91	2152494	115.835	ug/l	97
79) tert-butylbenzene	13.326	119	2315354	119.036	ug/l	97
80) 1,2,4-Trimethylbenzene	13.369	105	2513251m	118.349	ug/l	
81) sec-Butylbenzene	13.503	105	3087807	116.956	ug/l	100
82) p-Isopropyltoluene	13.616	119	3594599	170.732	ug/l	99
83) 1,3-Dichlorobenzene	13.616	146	1672043	162.975	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	1402263	141.236	ug/l	99
85) n-Butylbenzene	13.943	91	2218217	126.783	ug/l	100
86) Hexachloroethane	14.211	117	517221	122.261	ug/l	99
87) 1,2-Dichlorobenzene	13.989	146	1132134	113.258	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	256806	172.744	ug/l	99
89) 1,2,4-Trichlorobenzene	15.265	180	728610	147.782	ug/l	99
90) Hexachlorobutadiene	15.372	225	351323	135.771	ug/l	98
91) Naphthalene	15.507	128	1969235	146.044	ug/l	100
92) 1,2,3-Trichlorobenzene	15.702	180	589738	123.901	ug/l	99

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



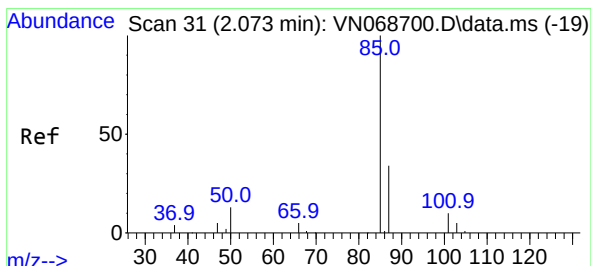
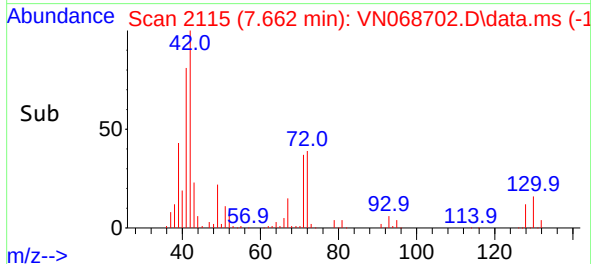
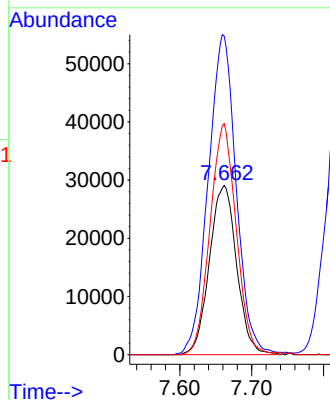
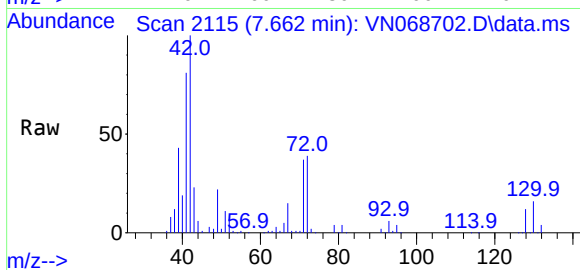
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion:128 Resp: 76457
Ion Ratio Lower Upper
128 100
49 194.0 0.0 450.0
130 131.4 0.0 319.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

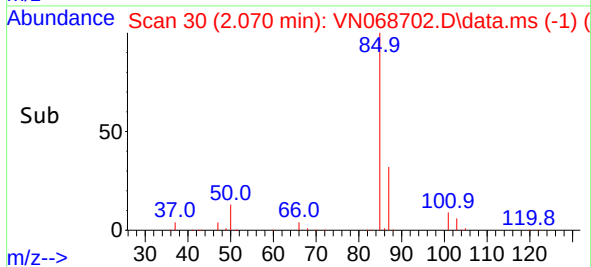
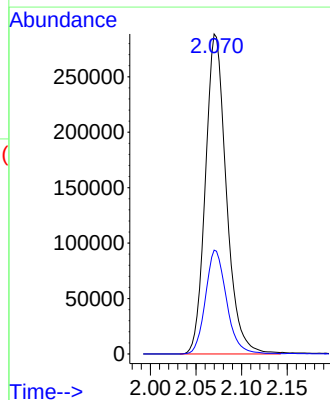
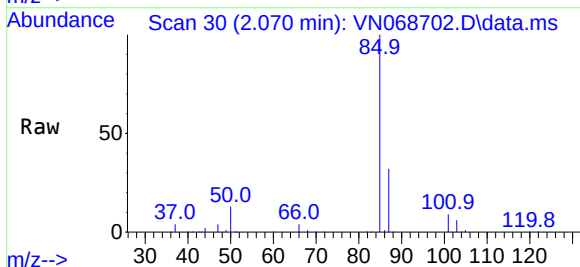
Manual Integrations
APPROVED

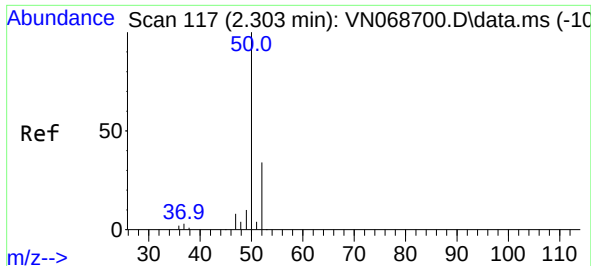
MMDadoda
9/28/2021 7:05:42 PM



#2
Dichlorodifluoromethane
Concen: 109.624 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 85 Resp: 461109
Ion Ratio Lower Upper
85 100
87 32.5 15.3 45.9





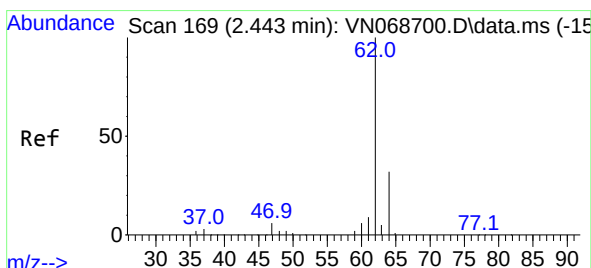
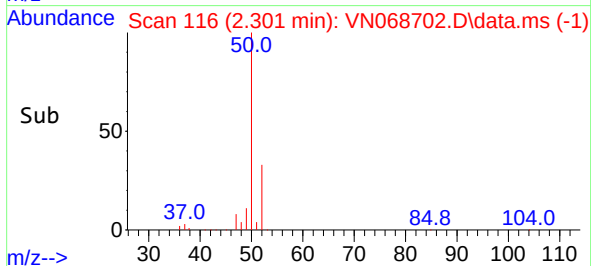
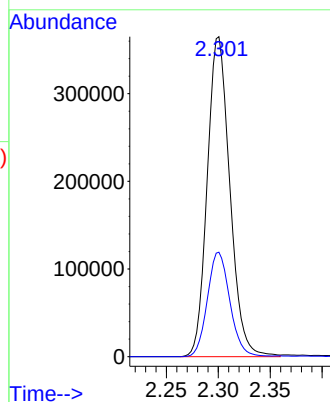
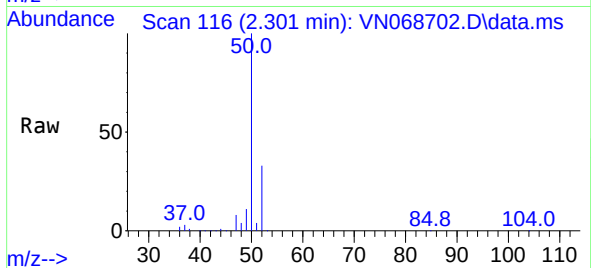
#3
Chloromethane
Concen: 98.932 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 50 Resp: 553208
Ion Ratio Lower Upper
50 100
52 32.6 27.0 40.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

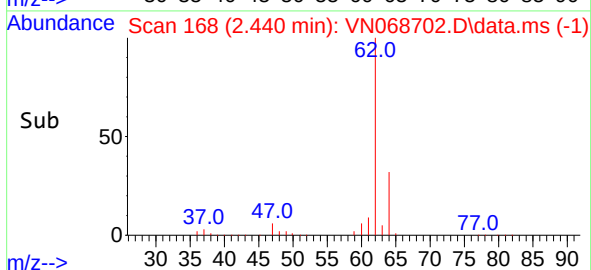
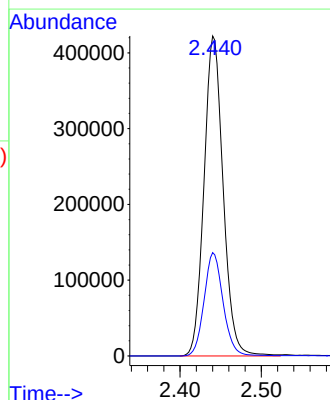
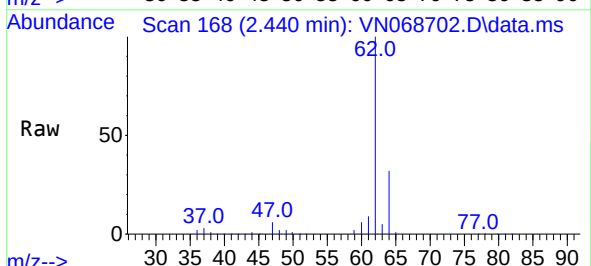
Manual Integrations
APPROVED

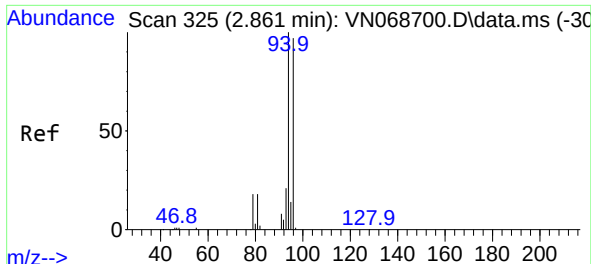
MMDadoda
9/28/2021 7:05:42 PM



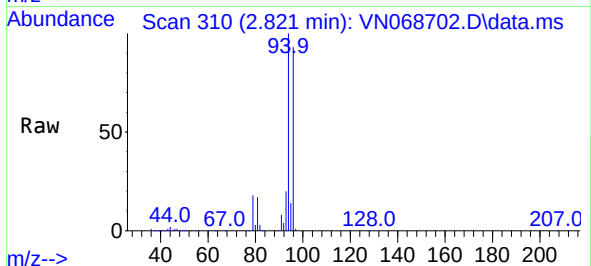
#4
Vinyl Chloride
Concen: 107.967 ug/l
RT: 2.440 min Scan# 168
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 62 Resp: 690745
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8

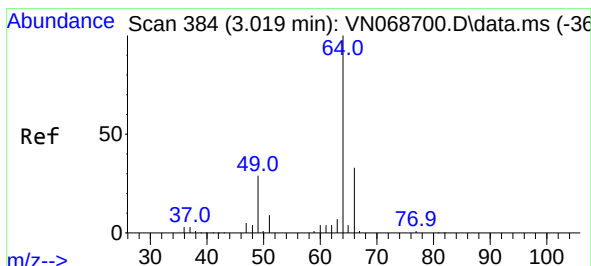
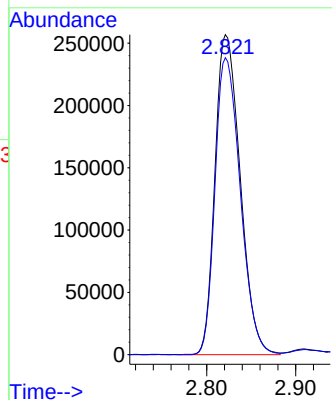
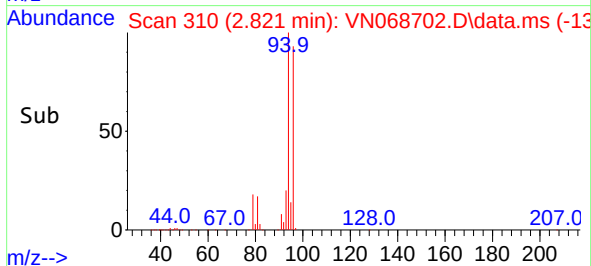




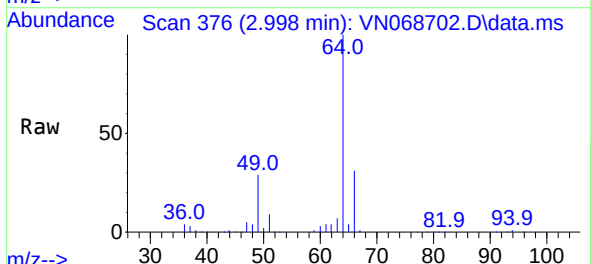
#5
Bromomethane
Concen: 121.016 ug/l
RT: 2.821 min Scan# 310
Delta R.T. -0.040 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



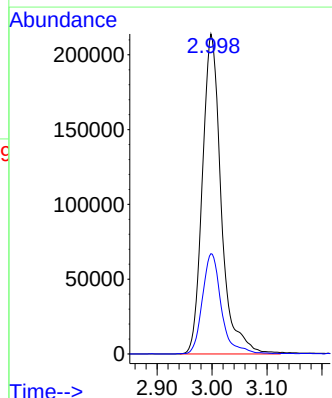
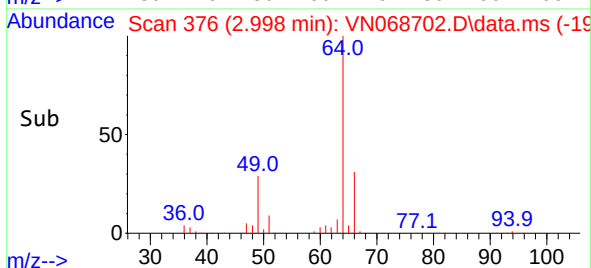
Tgt Ion: 94 Resp: 506329
Ion Ratio Lower Upper
94 100
96 92.8 73.0 109.4



#6
Chloroethane
Concen: 113.961 ug/l
RT: 2.998 min Scan# 376
Delta R.T. -0.021 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



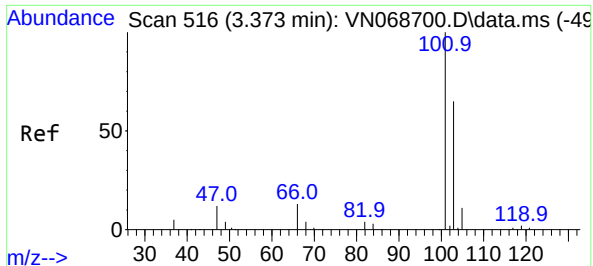
Tgt Ion: 64 Resp: 508517
Ion Ratio Lower Upper
64 100
66 31.3 24.9 37.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
9/28/2021 7:05:42 PM



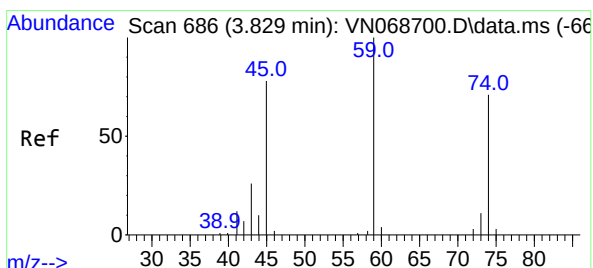
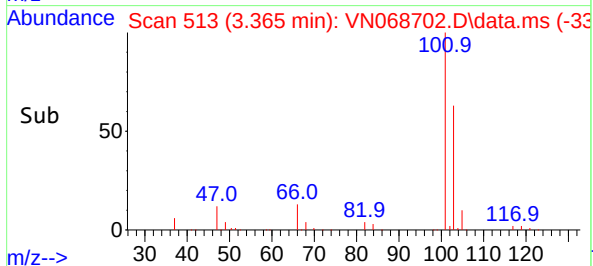
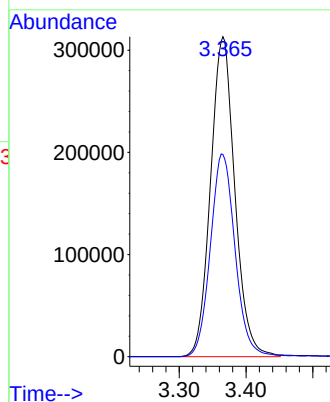
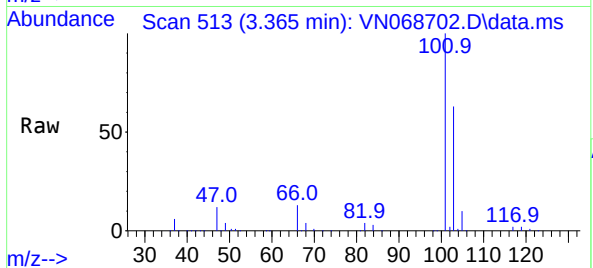
#7
Trichlorofluoromethane
Concen: 103.397 ug/l
RT: 3.365 min Scan# 513
Delta R.T. -0.008 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion:101 Resp: 791881
Ion Ratio Lower Upper
101 100
103 63.2 50.2 75.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

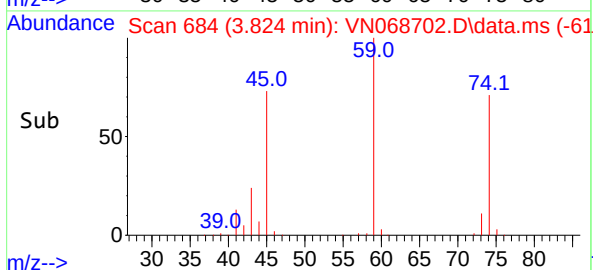
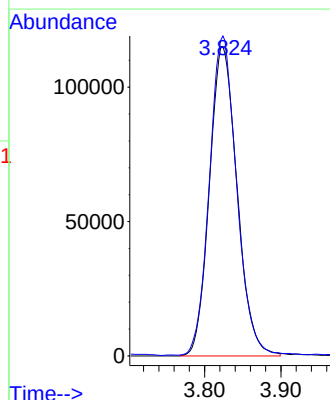
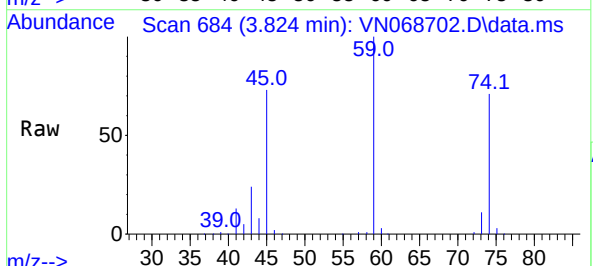
Manual Integrations
APPROVED

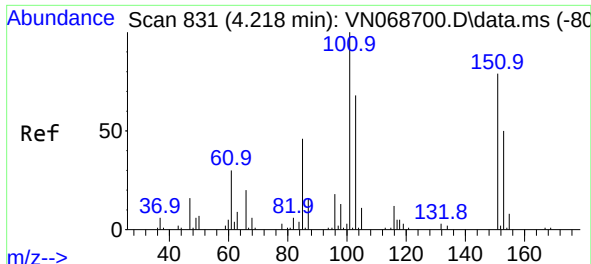
MMDadoda
9/28/2021 7:05:42 PM



#8
Diethyl Ether
Concen: 104.562 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.005 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 74 Resp: 289186
Ion Ratio Lower Upper
74 100
45 101.4 21.2 191.0





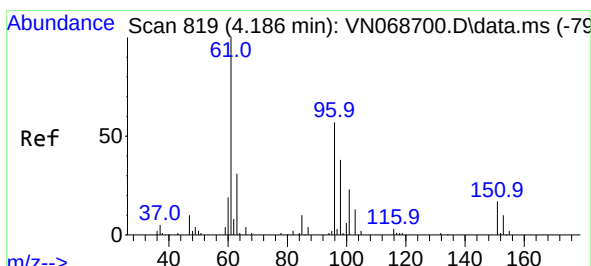
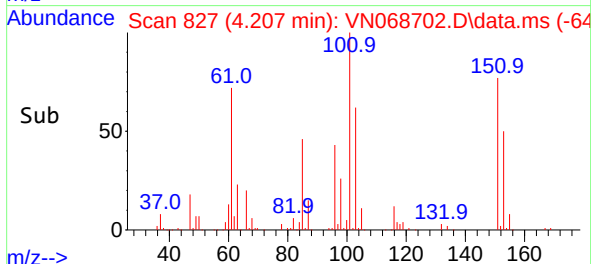
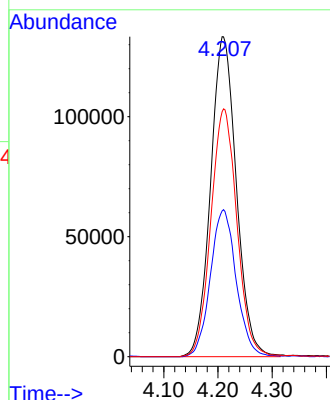
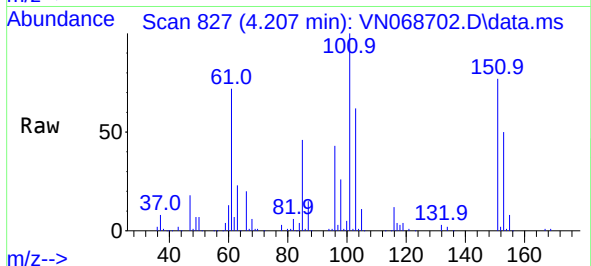
#9
1,1,2-Trichlorotrifluoroethane
Concen: 105.747 ug/l
RT: 4.207 min Scan# 827
Delta R.T. -0.011 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion:101 Resp: 441418
Ion Ratio Lower Upper
101 100
85 45.9 0.0 94.8
151 78.0 0.0 156.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

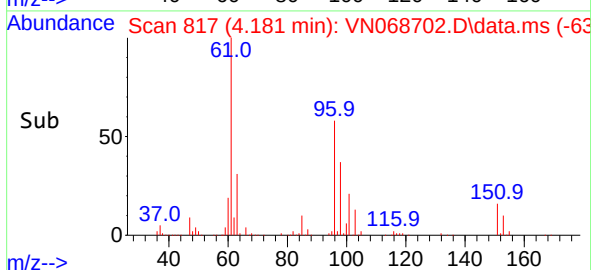
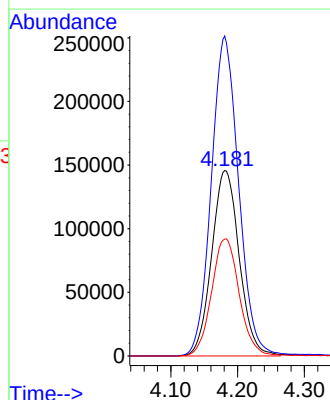
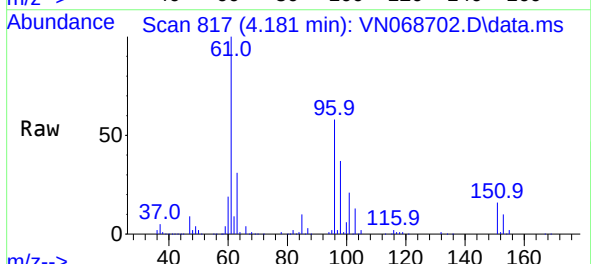
Manual Integrations
APPROVED

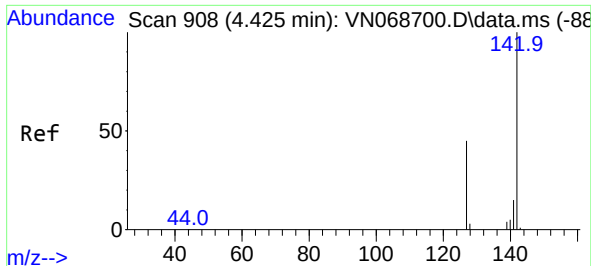
MMDadoda
9/28/2021 7:05:42 PM



#10
1,1-Dichloroethene
Concen: 105.343 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.005 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 96 Resp: 418832
Ion Ratio Lower Upper
96 100
61 172.4 136.2 204.4
98 63.0 49.4 74.0





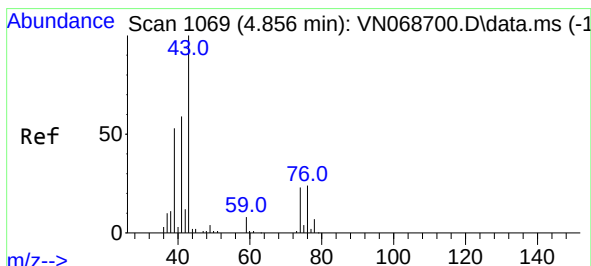
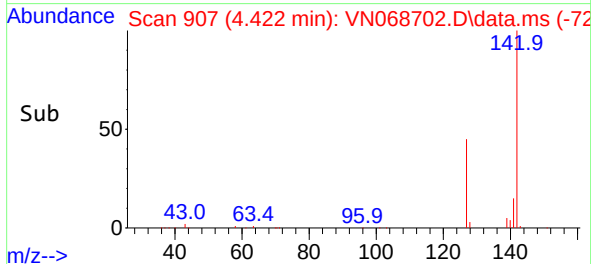
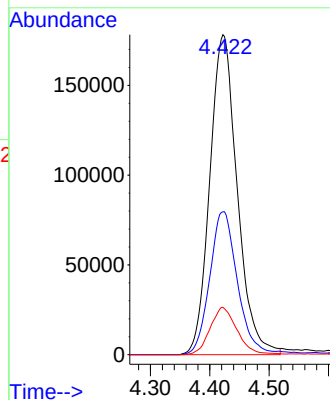
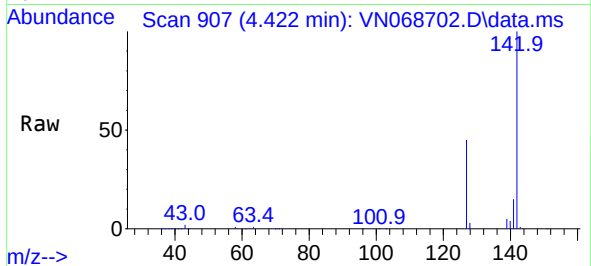
#11
Methyl Iodide
Concen: 113.791 ug/l
RT: 4.422 min Scan# 907
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion:142 Resp: 573527
Ion Ratio Lower Upper
142 100
127 44.6 22.1 66.5
141 14.8 8.2 24.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

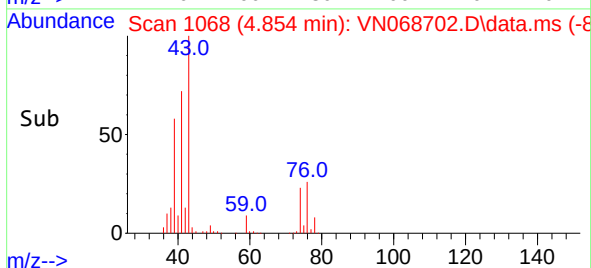
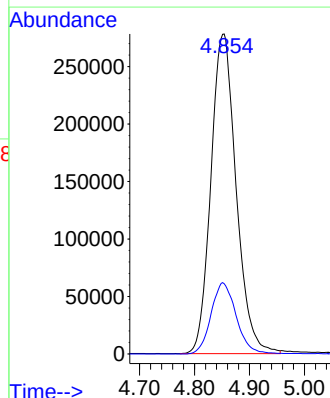
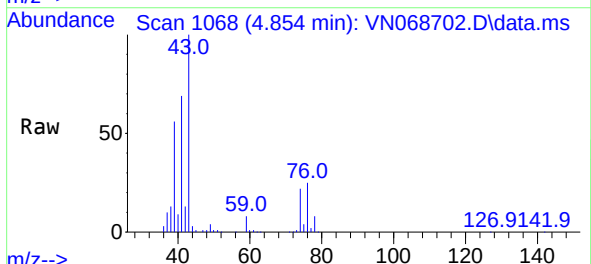
Manual Integrations
APPROVED

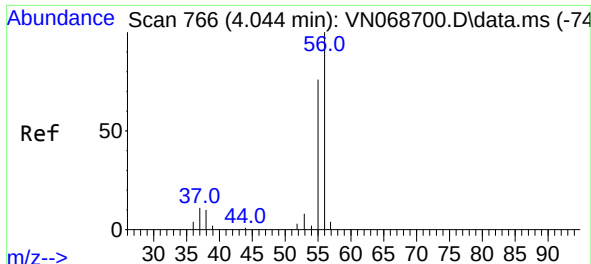
MMDadoda
9/28/2021 7:05:42 PM



#12
Methyl Acetate
Concen: 103.821 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

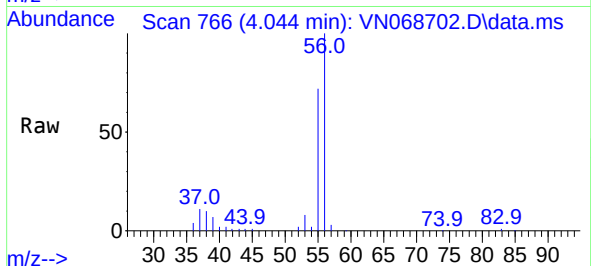
Tgt Ion: 43 Resp: 887963
Ion Ratio Lower Upper
43 100
74 22.0 16.9 25.3





#13
Acrolein
Concen: 509.129 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

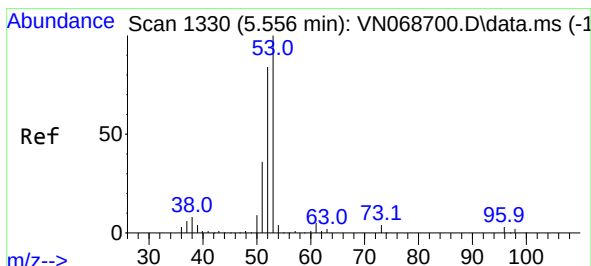
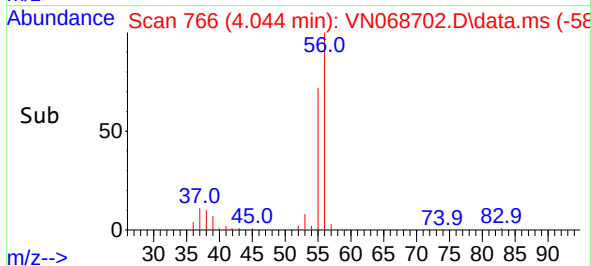
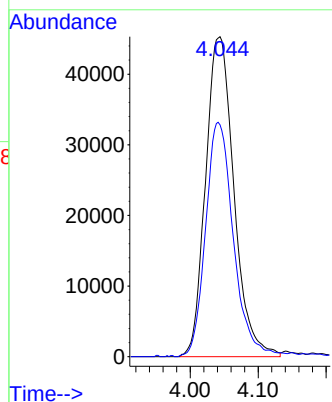
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



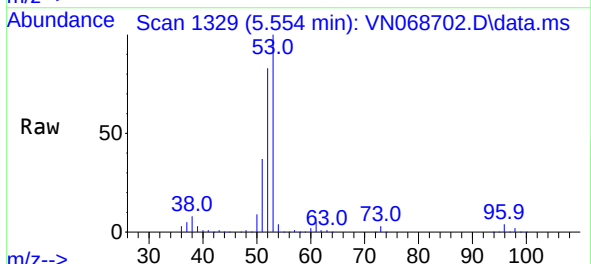
Tgt Ion: 56 Resp: 131571
Ion Ratio Lower Upper
56 100
55 70.9 25.4 38.0#

Manual Integrations
APPROVED

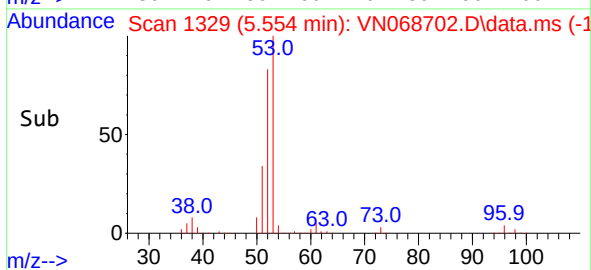
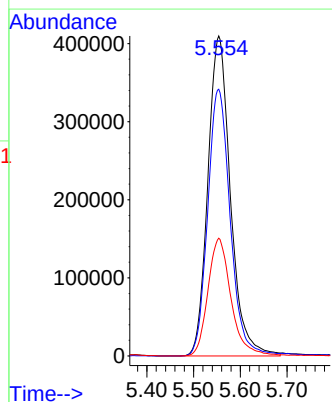
MMDadoda
9/28/2021 7:05:42 PM

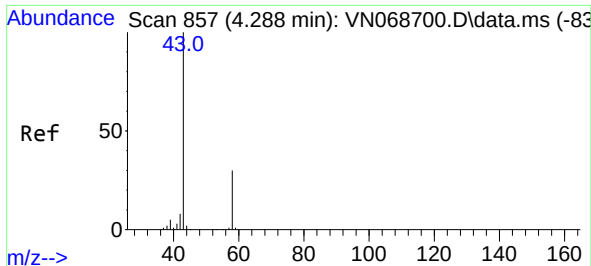


#14
Acrylonitrile
Concen: 546.147 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

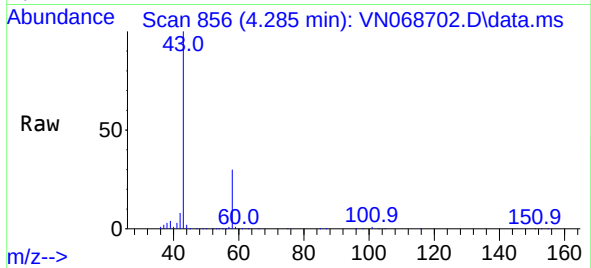


Tgt Ion: 53 Resp: 1376667
Ion Ratio Lower Upper
53 100
52 83.2 41.0 123.2
51 37.6 18.2 54.6

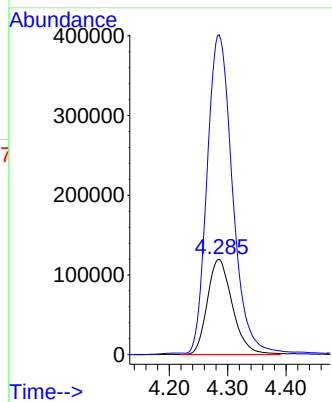
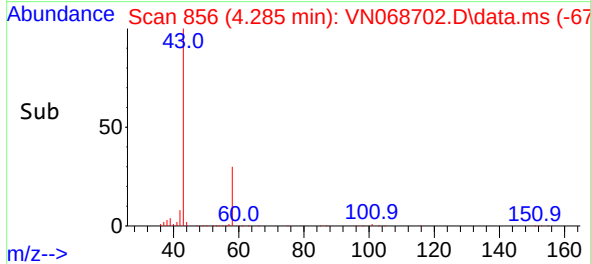




#15
Acetone
Concen: 555.759 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



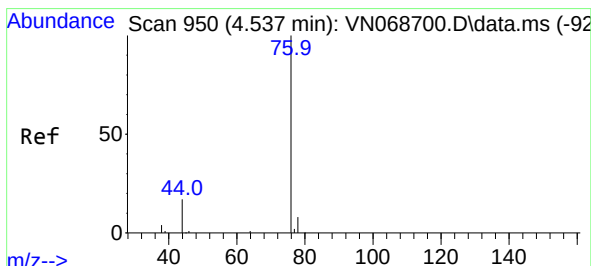
Tgt Ion: 58 Resp: 355630
Ion Ratio Lower Upper
58 100
43 334.4 261.0 391.4



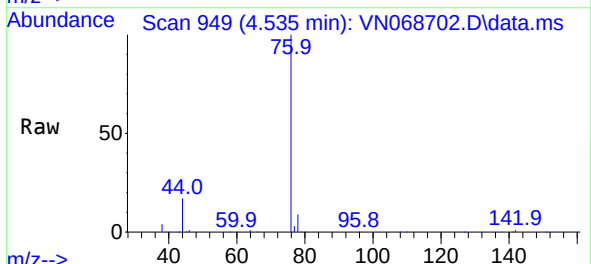
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

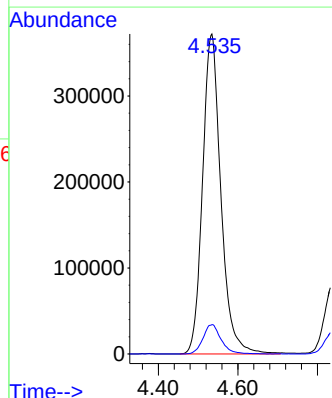
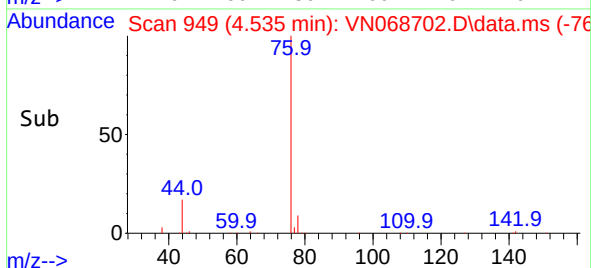
MMDadoda
9/28/2021 7:05:42 PM

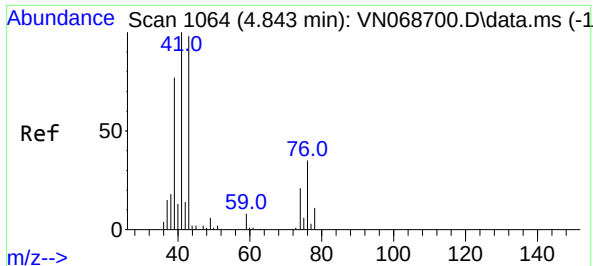


#16
Carbon Disulfide
Concen: 102.398 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

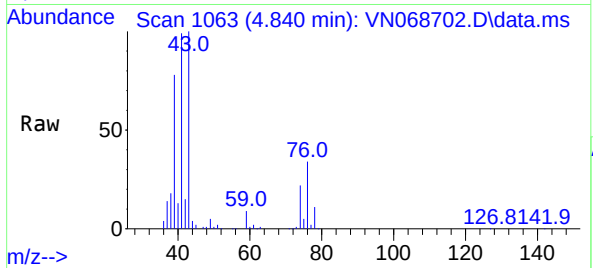


Tgt Ion: 76 Resp: 1191590
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

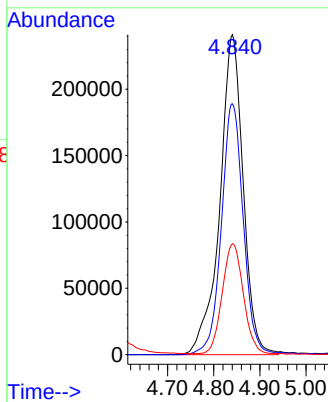
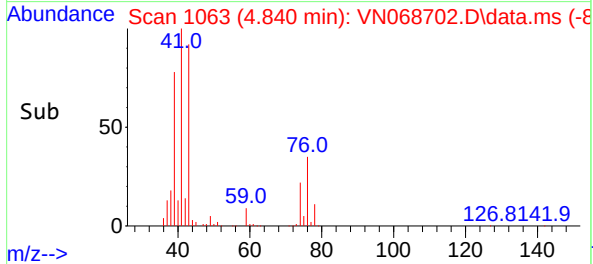




#17
Allyl chloride
Concen: 108.517 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



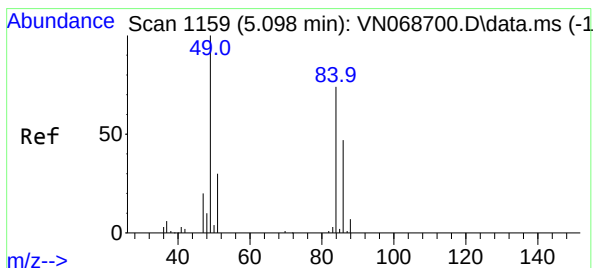
Tgt Ion: 41 Resp: 848995
Ion Ratio Lower Upper
41 100
39 78.4 40.1 120.3
76 34.4 18.3 54.9



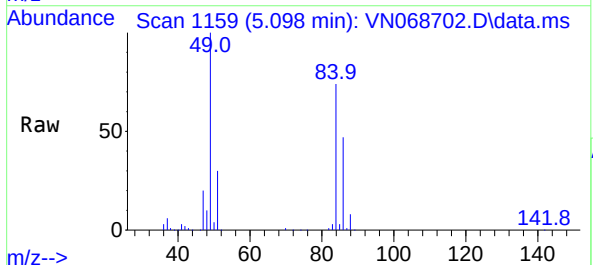
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

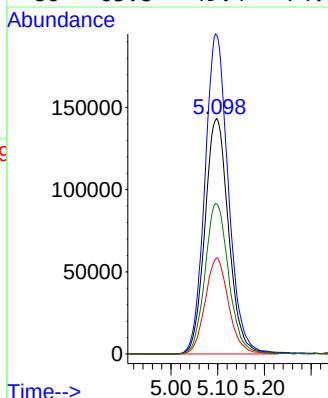
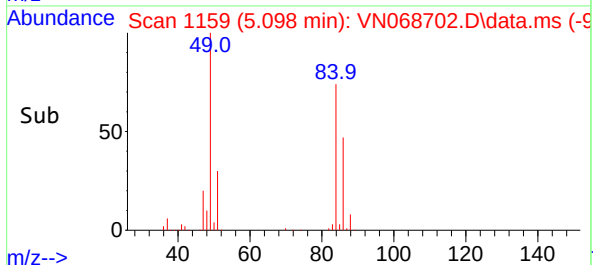
MMDadoda
9/28/2021 7:05:42 PM

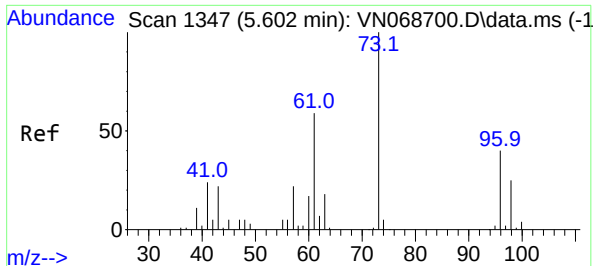


#18
Methylene Chloride
Concen: 104.093 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



Tgt Ion: 84 Resp: 505919
Ion Ratio Lower Upper
84 100
49 135.4 102.2 153.2
51 40.8 33.0 49.4
86 63.8 49.4 74.0





#19

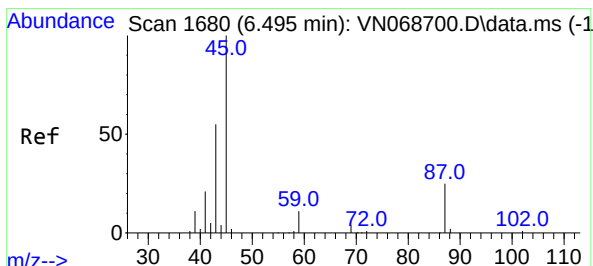
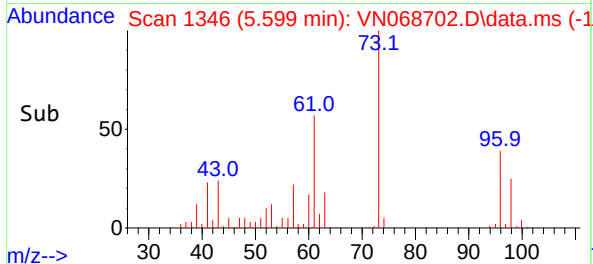
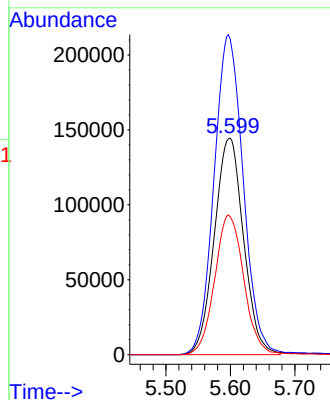
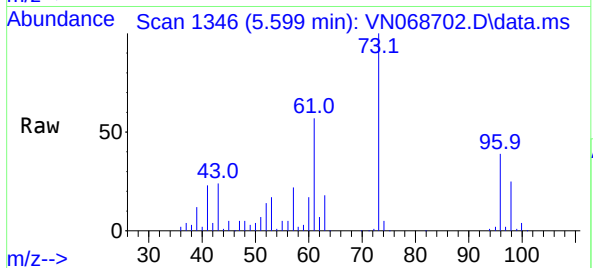
trans-1,2-Dichloroethene
Concen: 102.898 ug/l
RT: 5.599 min Scan# 1346
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 96 Resp: 455154
Ion Ratio Lower Upper
96 100
61 145.6 112.6 168.8
98 63.7 51.2 76.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

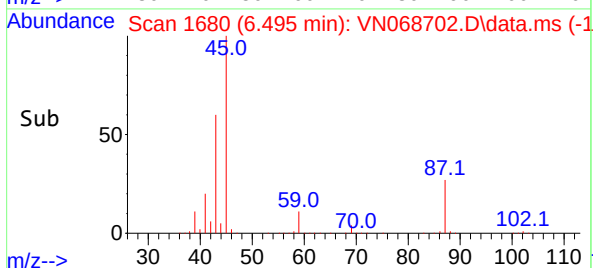
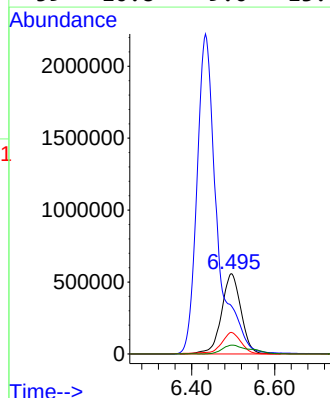
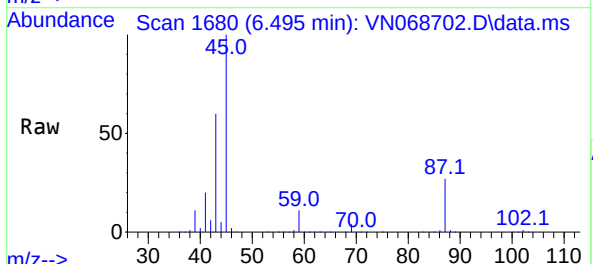
MMDadoda
9/28/2021 7:05:42 PM

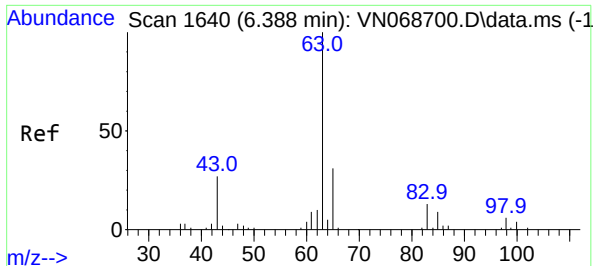


#20

Diisopropyl ether
Concen: 105.604 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 45 Resp: 1817630
Ion Ratio Lower Upper
45 100
43 59.2 46.8 70.2
87 26.7 20.8 31.2
59 10.8 9.0 13.4





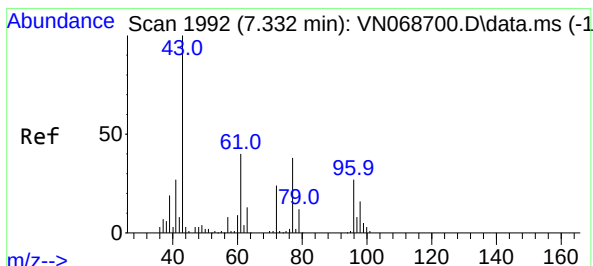
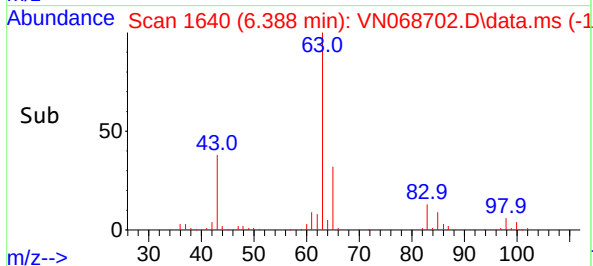
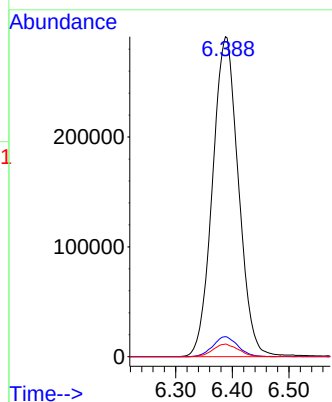
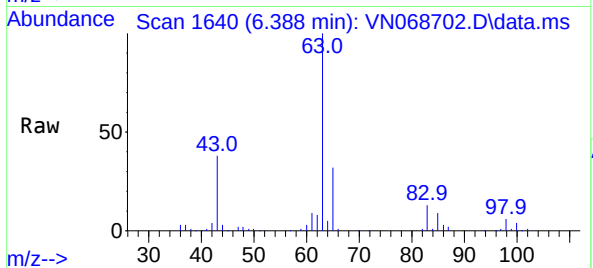
#21
1,1-Dichloroethane
Concen: 101.457 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion:	63	Resp:	927587
Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.3	9.8
100	3.9	2.0	5.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

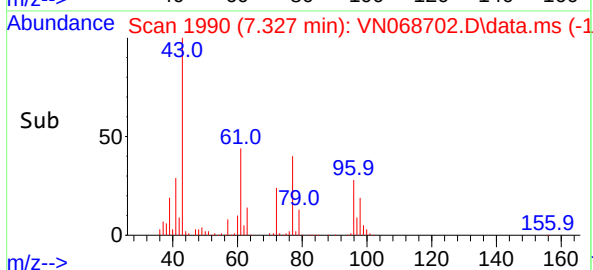
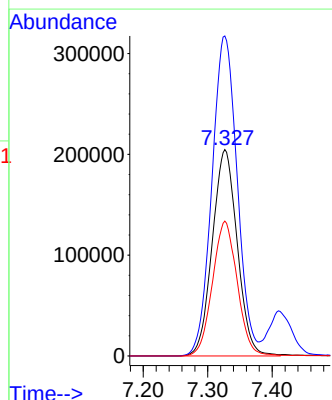
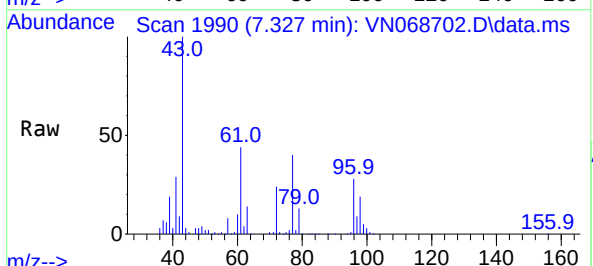
Manual Integrations
APPROVED

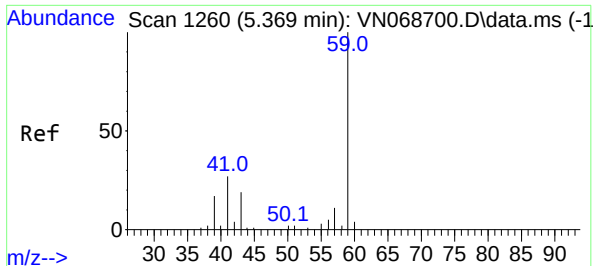
MMDadoda
9/28/2021 7:05:42 PM



#22
cis-1,2-Dichloroethene
Concen: 104.872 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.005 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion:	96	Resp:	551292
Ion	Ratio	Lower	Upper
96	100		
61	156.8	120.7	181.1
98	64.9	52.7	79.1





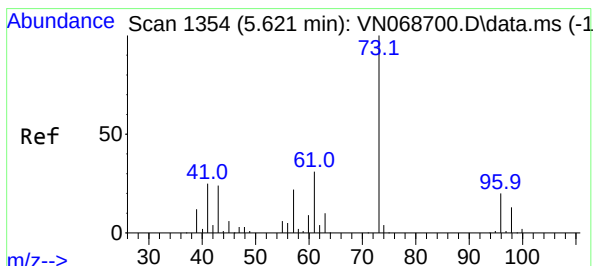
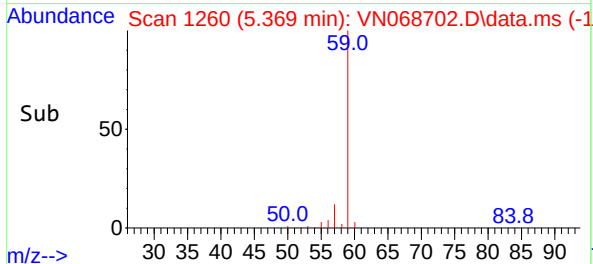
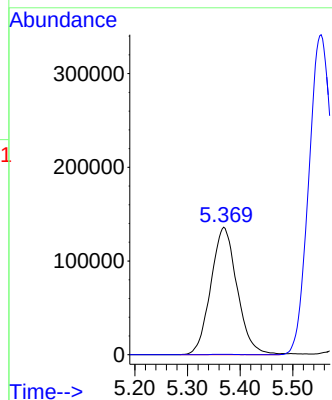
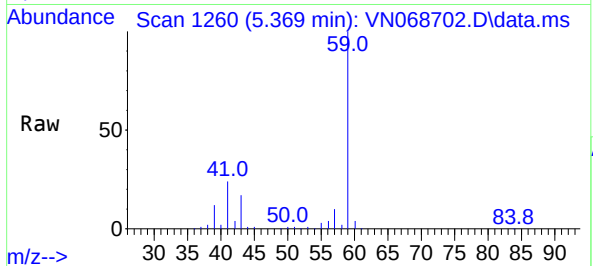
#23
tert-Butyl Alcohol
Concen: 560.133 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 59 Resp: 471717
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

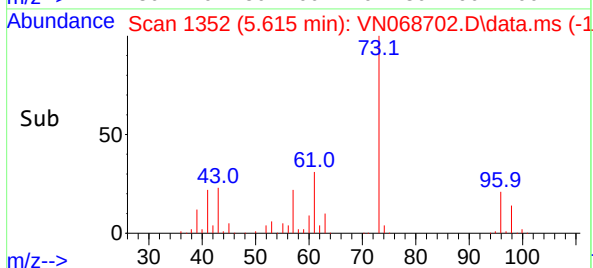
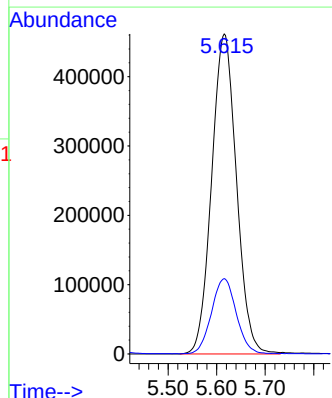
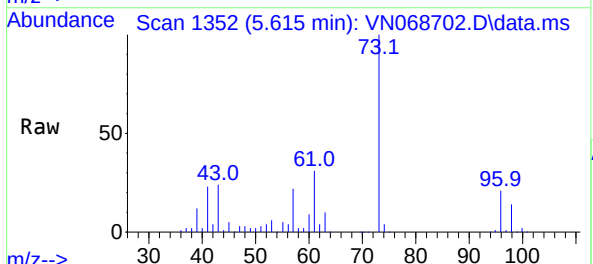
Manual Integrations
APPROVED

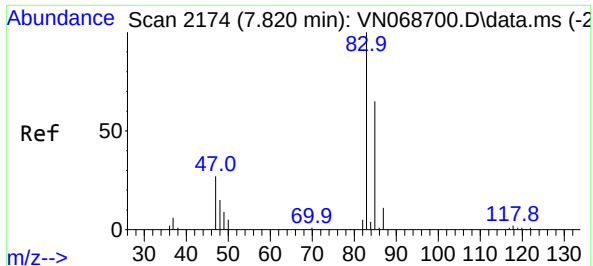
MMDadoda
9/28/2021 7:05:42 PM



#24
Methyl tert-Butyl Ether
Concen: 107.502 ug/l
RT: 5.615 min Scan# 1352
Delta R.T. -0.005 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 73 Resp: 1637753
Ion Ratio Lower Upper
73 100
43 23.4 17.7 26.5





#25

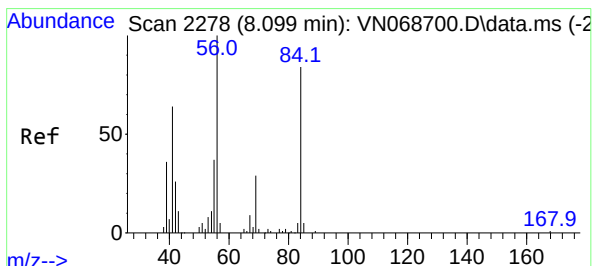
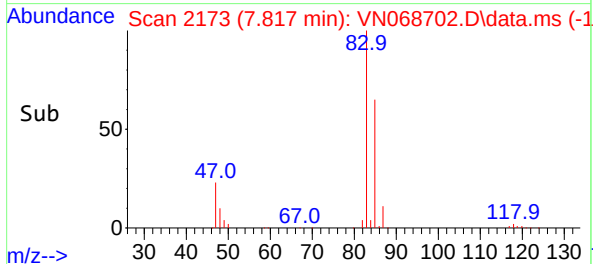
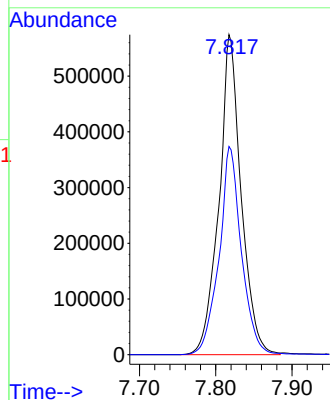
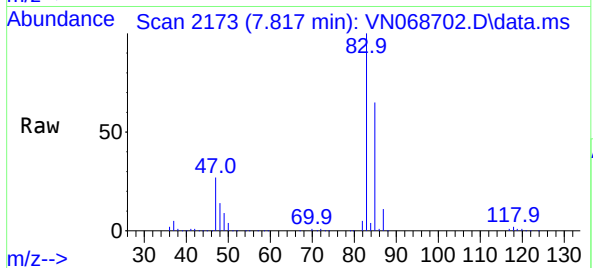
Chloroform
Concen: 123.159 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 83 Resp: 1160810
Ion Ratio Lower Upper
83 100
85 65.0 52.9 79.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

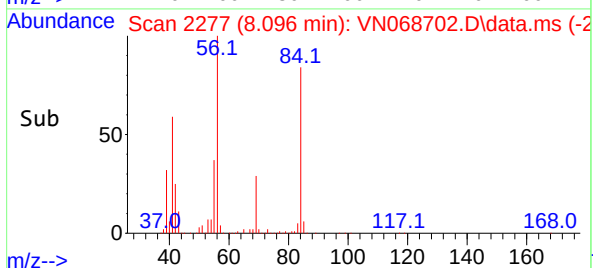
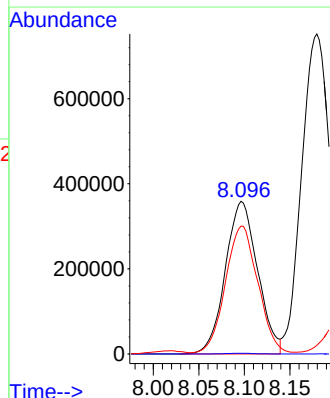
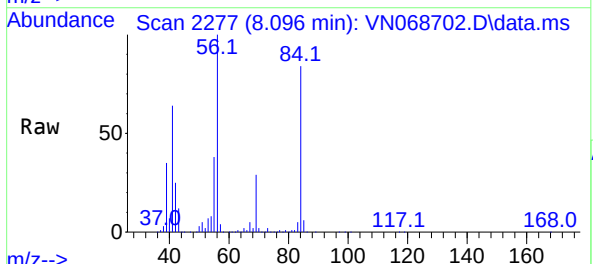
MMDadoda
9/28/2021 7:05:42 PM

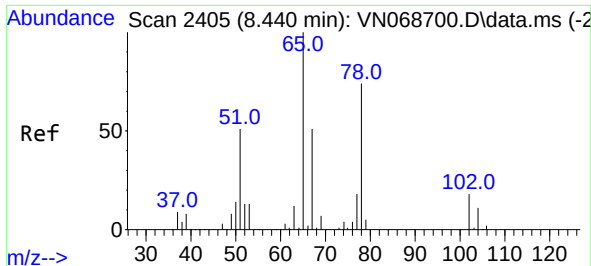


#26

Cyclohexane
Concen: 101.449 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 56 Resp: 884465
Ion Ratio Lower Upper
56 100
89 0.4 0.0 0.0#
84 84.5 68.0 102.0





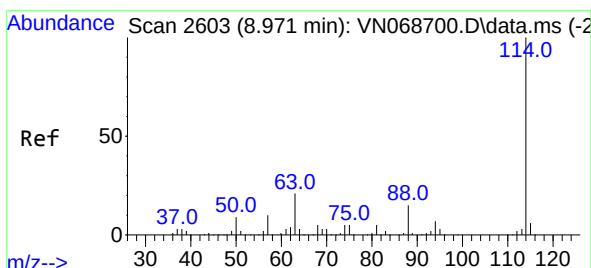
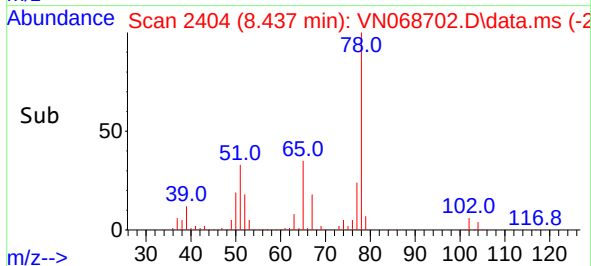
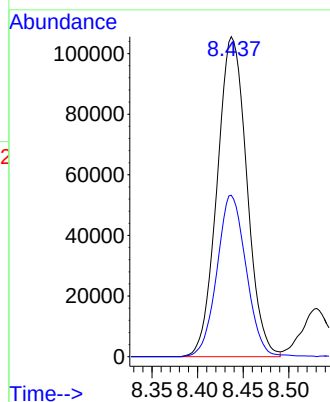
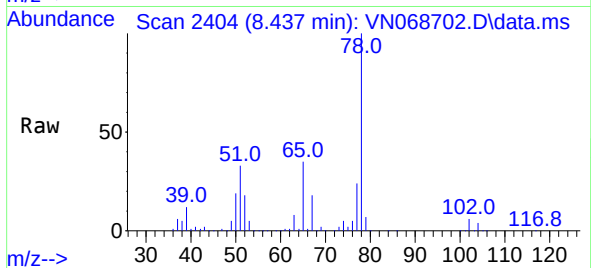
#27
1,2-Dichloroethane-d4
Concen: 37.703 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 65 Resp: 239474
Ion Ratio Lower Upper
65 100
67 49.4 41.0 61.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

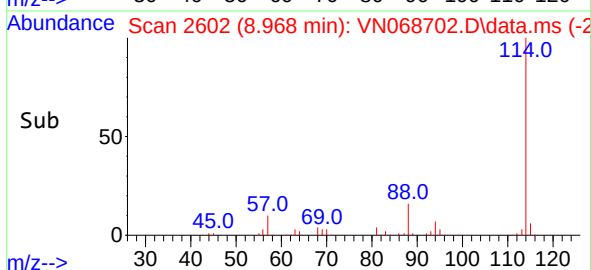
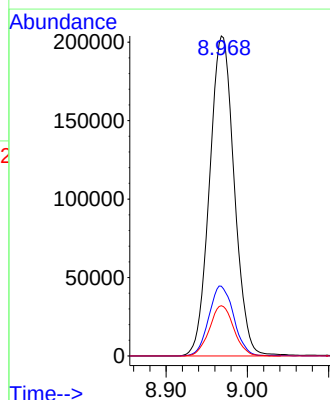
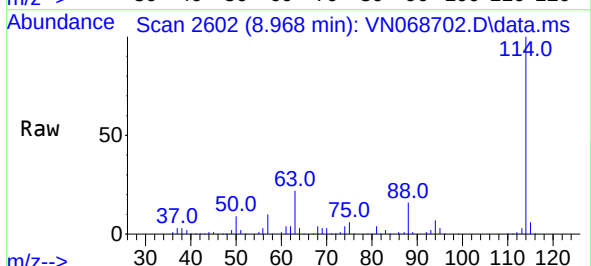
Manual Integrations
APPROVED

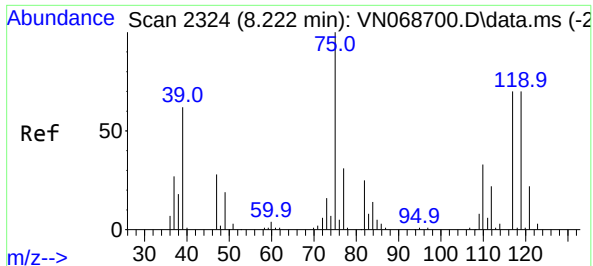
MMDadoda
9/28/2021 7:05:42 PM



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 114 Resp: 430089
Ion Ratio Lower Upper
114 100
63 22.1 17.1 25.7
88 15.6 12.2 18.4





#29
1,1-Dichloropropene
Concen: 156.714 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

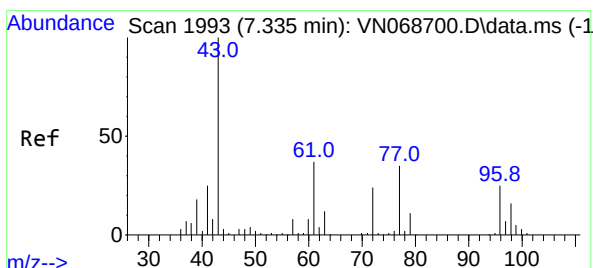
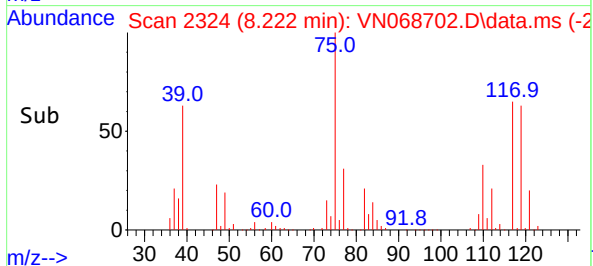
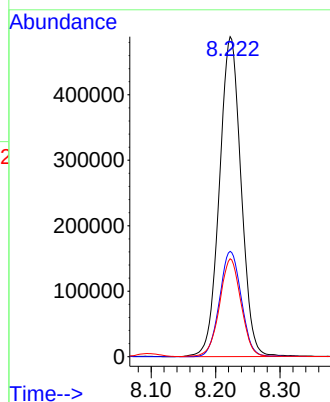
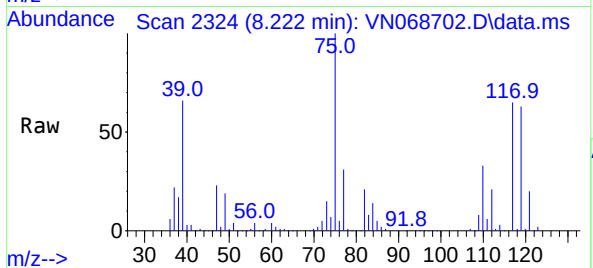
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 1138508

Ion	Ratio	Lower	Upper
75	100		
110	33.0	0.0	67.4
77	30.3	0.0	60.0

Manual Integrations
APPROVED

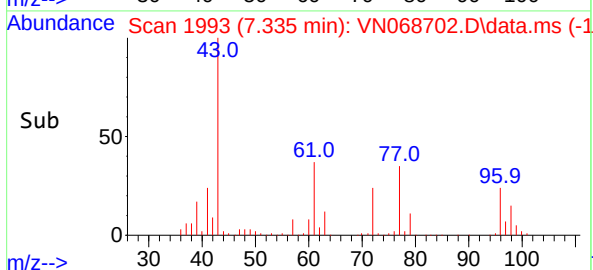
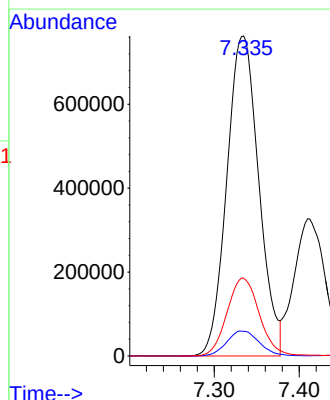
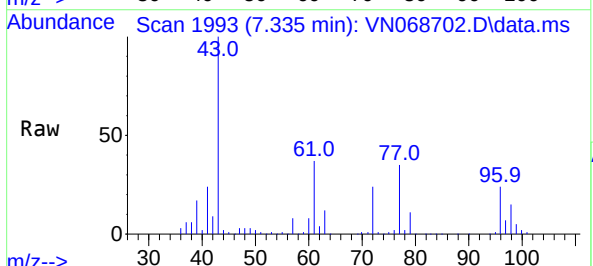
MMDadoda
9/28/2021 7:05:42 PM

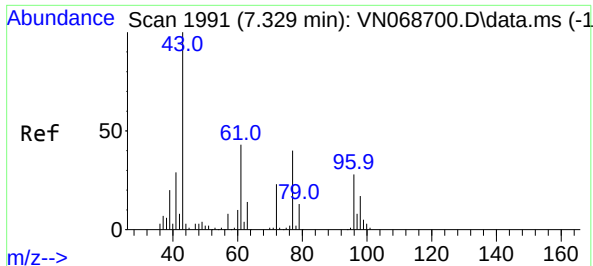


#30
2-Butanone
Concen: 534.427 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 43 Resp: 1996295

Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.4	9.6
72	24.7	19.6	29.4





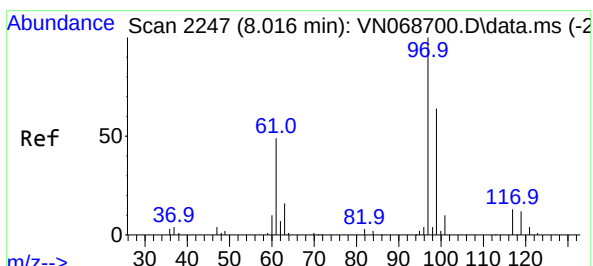
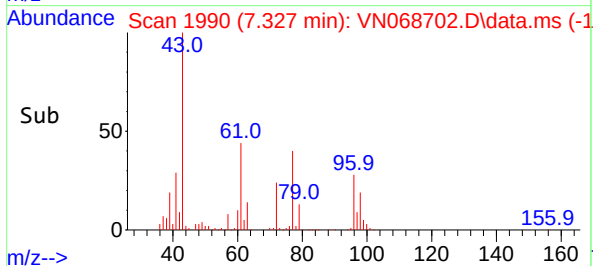
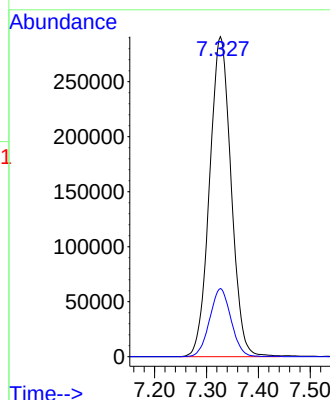
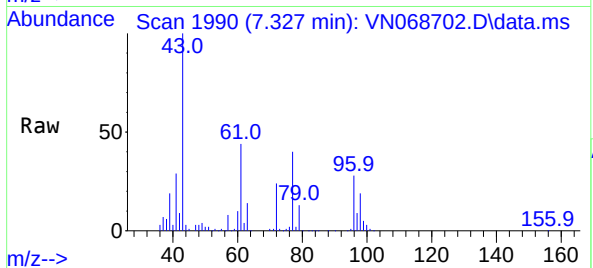
#31
2,2-Dichloropropane
Concen: 128.587 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 77 Resp: 838574
Ion Ratio Lower Upper
77 100
97 21.1 17.9 26.9

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

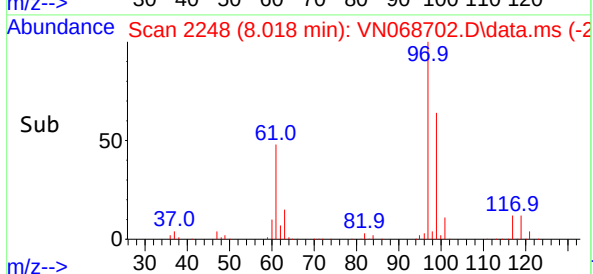
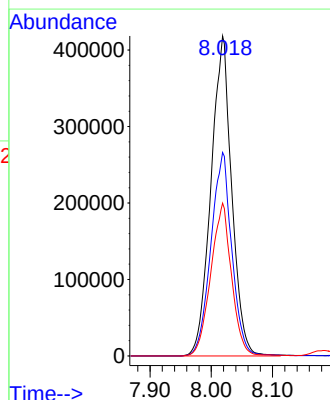
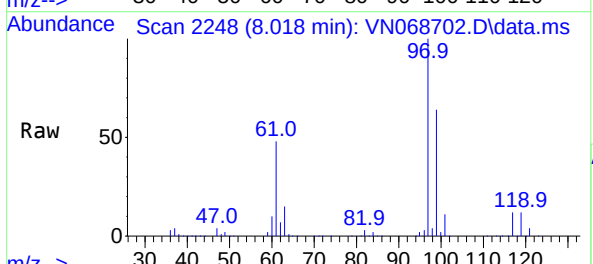
Manual Integrations
APPROVED

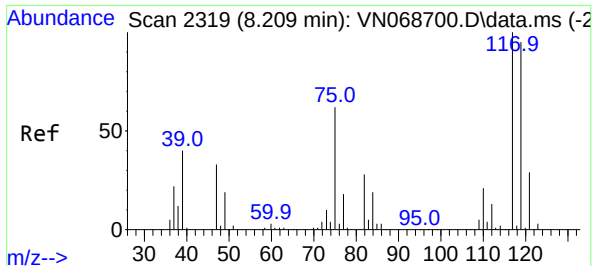
MMDadoda
9/28/2021 7:05:42 PM



#32
1,1,1-Trichloroethane
Concen: 109.723 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. 0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 97 Resp: 982748
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 47.6 38.9 58.3





#33
Carbon Tetrachloride
Concen: 151.016 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

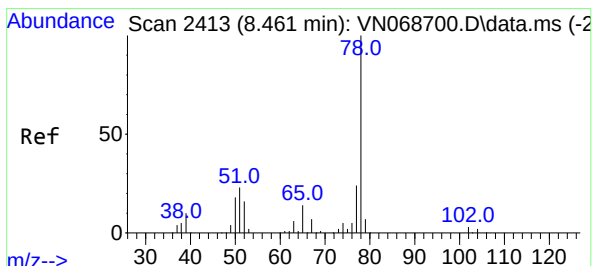
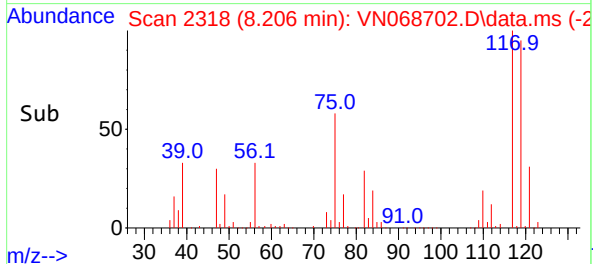
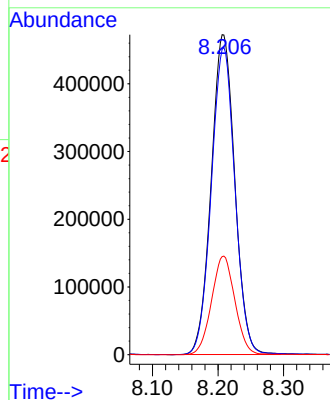
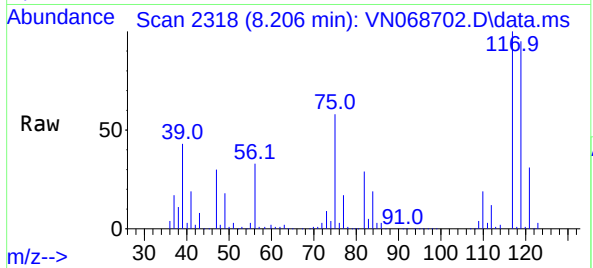
Tgt Ion: 117 Resp: 1177209

Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.7	112.1
121	30.7	23.9	35.9

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

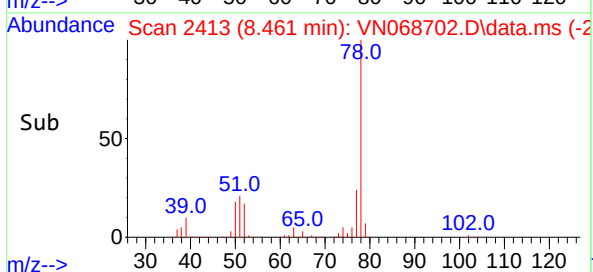
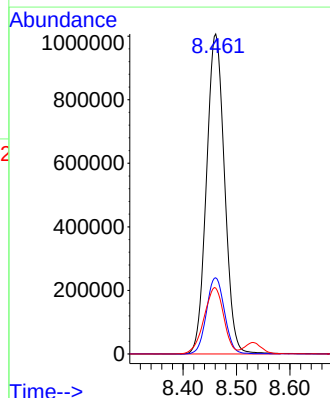
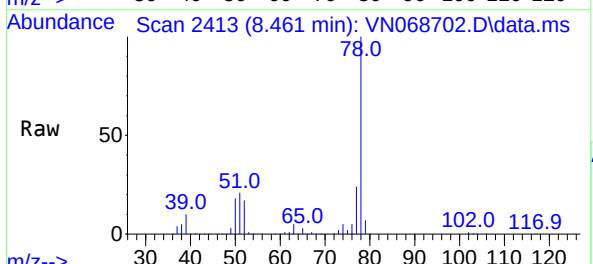
MMDadoda
9/28/2021 7:05:42 PM

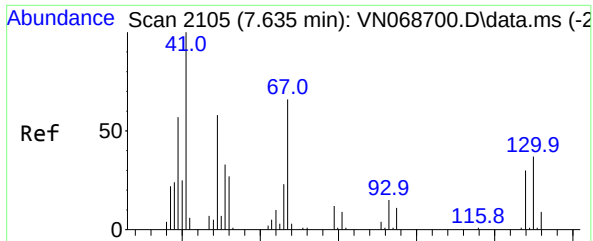


#34
Benzene
Concen: 111.180 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

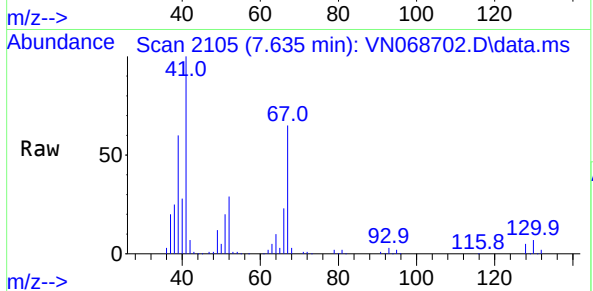
Tgt Ion: 78 Resp: 2362383

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7
51	20.5	17.2	25.8



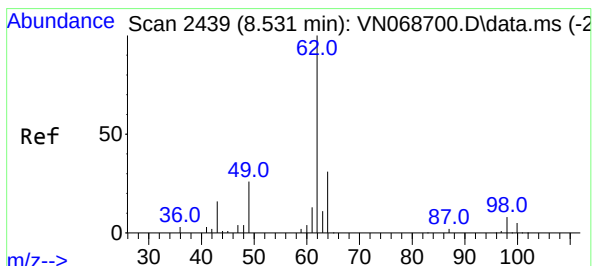
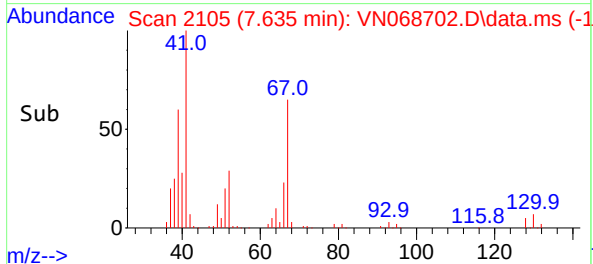
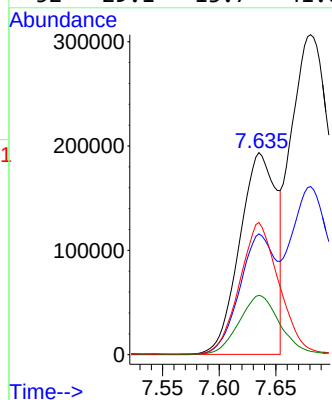


#35
Methacrylonitrile
Concen: 110.080 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

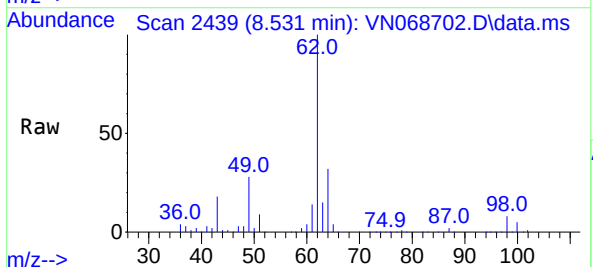


Tgt Ion: 41 Resp: 437362

Ion	Ratio	Lower	Upper
41	100		
39	59.7	28.2	84.7
67	65.5	32.5	97.4
52	29.1	13.7	41.0

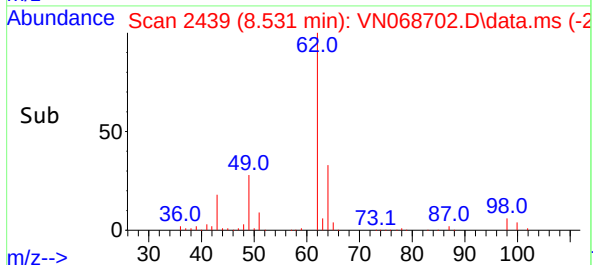
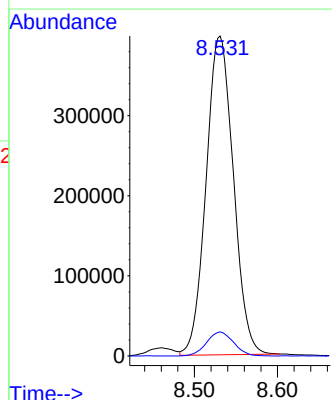


#36
1,2-Dichloroethane
Concen: 108.908 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



Tgt Ion: 62 Resp: 907755

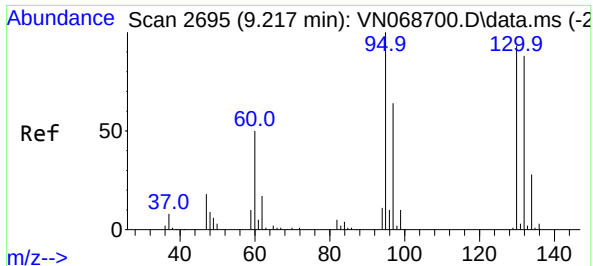
Ion	Ratio	Lower	Upper
62	100		
98	7.5	6.5	9.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
9/28/2021 7:05:42 PM



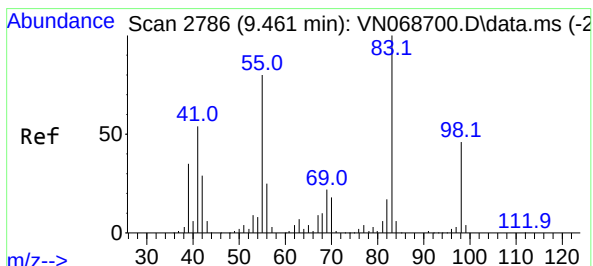
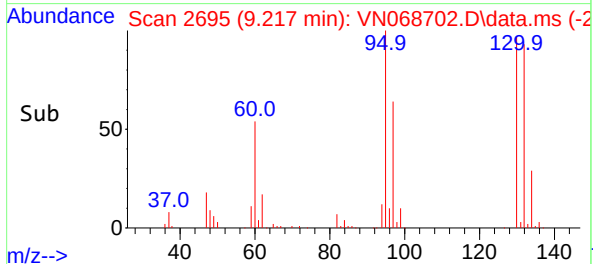
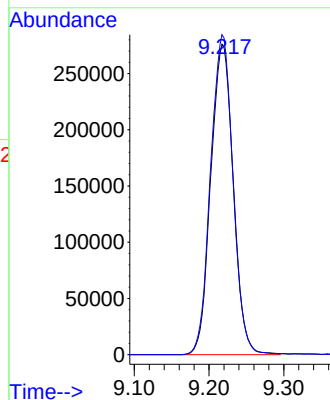
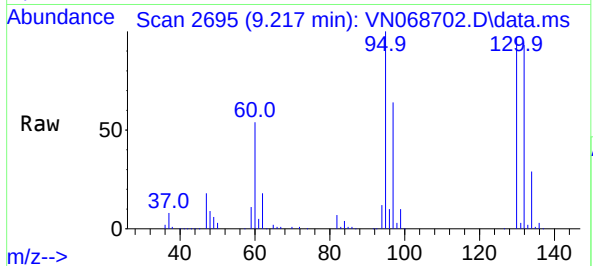
#37
Trichloroethene
Concen: 110.300 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion:130 Resp: 576888
Ion Ratio Lower Upper
130 100
95 103.1 80.7 121.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

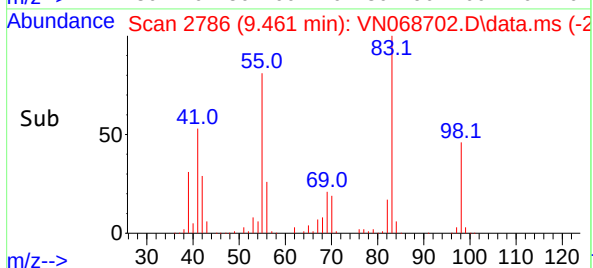
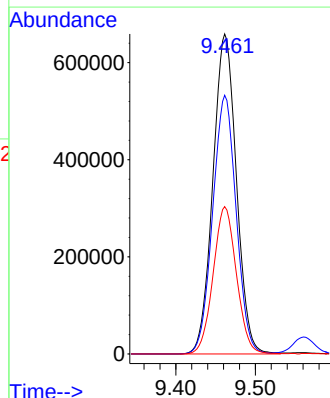
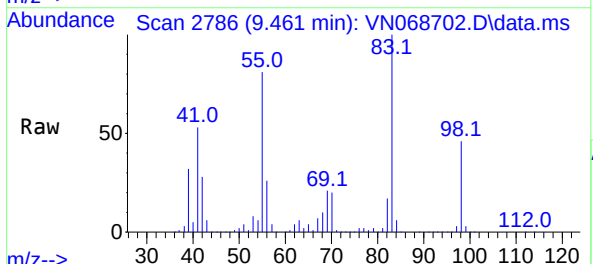
Manual Integrations
APPROVED

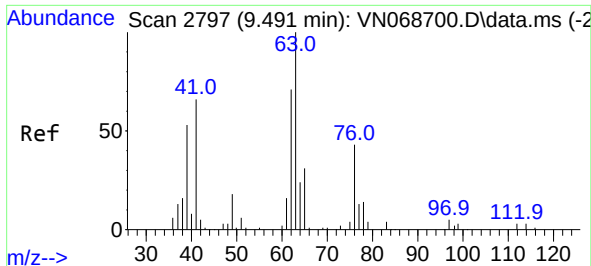
MMDadoda
9/28/2021 7:05:42 PM



#38
Methylcyclohexane
Concen: 160.836 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 83 Resp: 1355223
Ion Ratio Lower Upper
83 100
55 80.8 39.3 117.9
98 45.6 22.7 68.0





#39

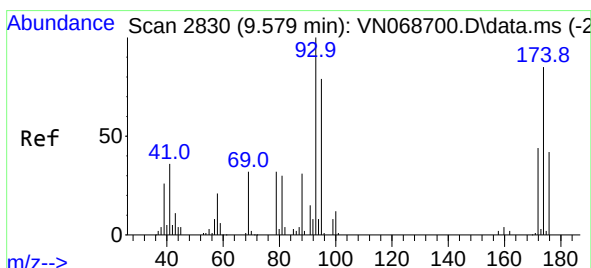
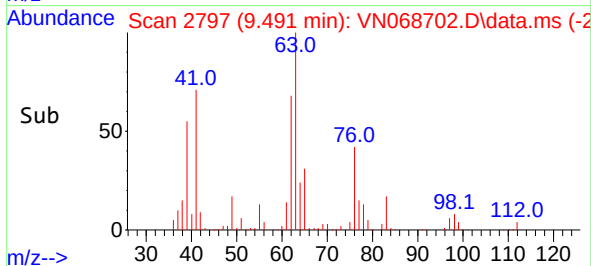
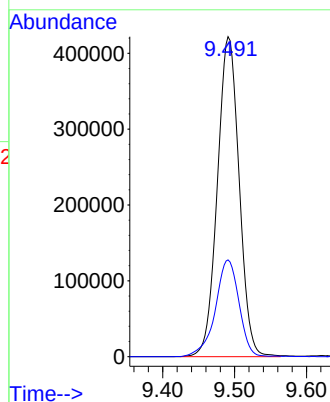
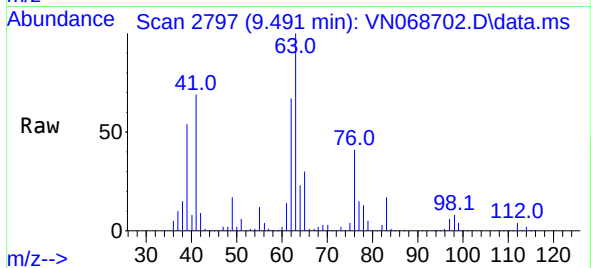
1,2-Dichloropropane
Concen: 157.774 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 63 Resp: 886112
Ion Ratio Lower Upper
63 100
65 30.2 25.4 38.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

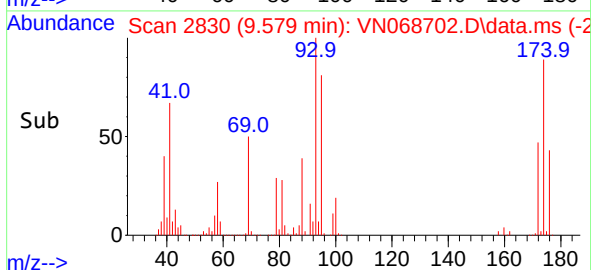
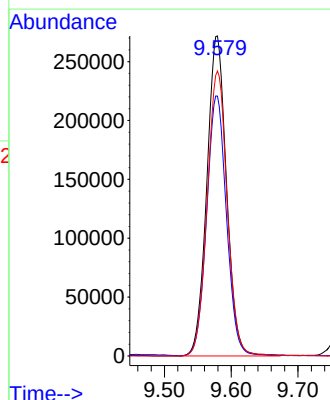
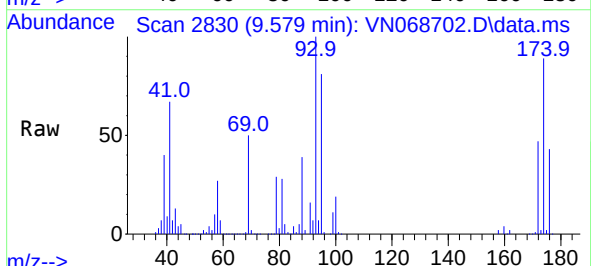
MMDadoda
9/28/2021 7:05:42 PM

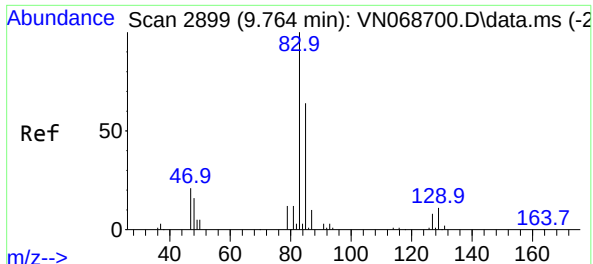


#40

Dibromomethane
Concen: 134.915 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

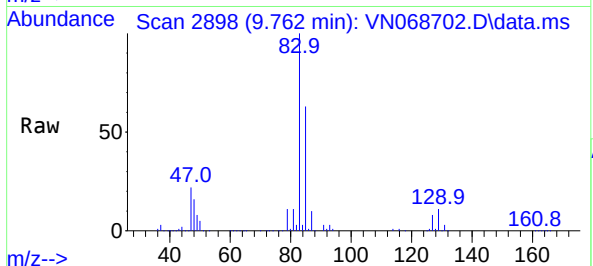
Tgt Ion: 93 Resp: 556452
Ion Ratio Lower Upper
93 100
95 81.8 0.0 165.4
174 90.4 0.0 187.8





#41
Bromodichloromethane
Concen: 134.702 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

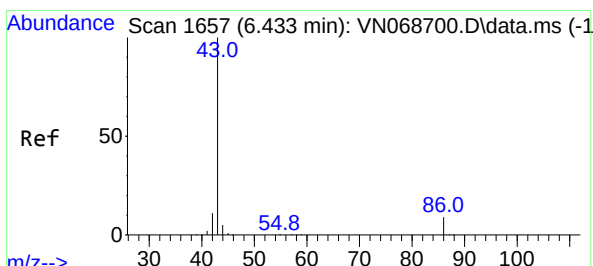
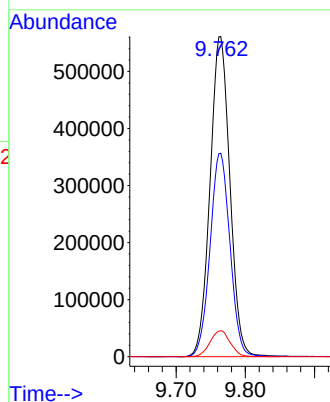
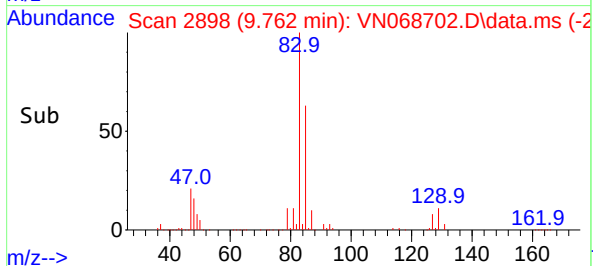
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



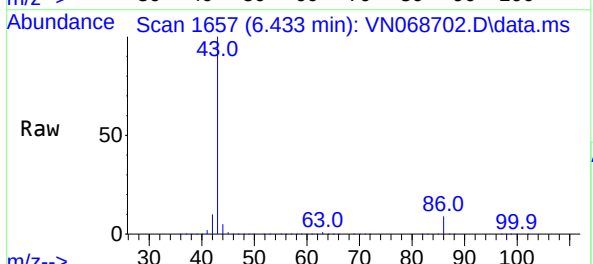
Tgt Ion: 83 Resp: 1116681
Ion Ratio Lower Upper
83 100
85 63.4 52.1 78.1
127 8.0 6.4 9.6

Manual Integrations
APPROVED

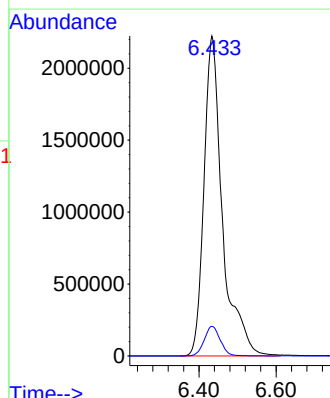
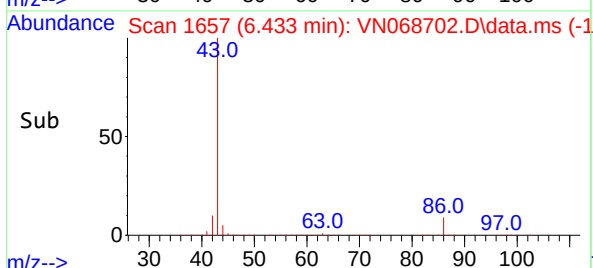
MMDadoda
9/28/2021 7:05:42 PM

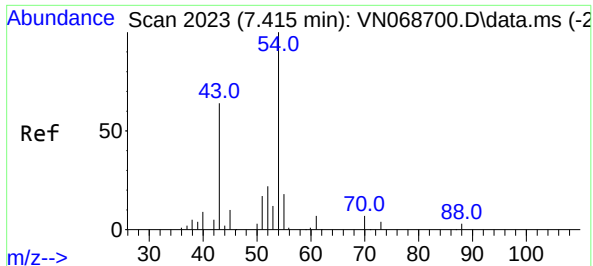


#42
Vinyl Acetate
Concen: 540.765 ug/l
RT: 6.433 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



Tgt Ion: 43 Resp: 7403595
Ion Ratio Lower Upper
43 100
86 8.1 6.5 9.7





#43

Ethyl Acetate

Concen: 104.178 ug/l

RT: 7.410 min Scan# 2021

Delta R.T. -0.005 min

Lab File: VN068702.D

Acq: 27 Sep 2021 13:20

Tgt Ion: 43 Resp: 834953

Ion Ratio Lower Upper

43 100

45 12.6 10.1 15.1

Instrument :

MSVOA_N

ClientSampleId :

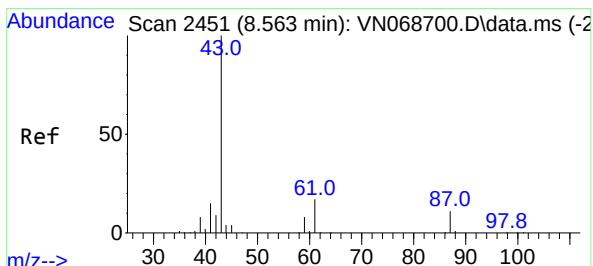
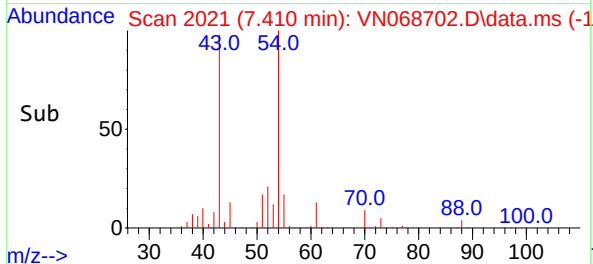
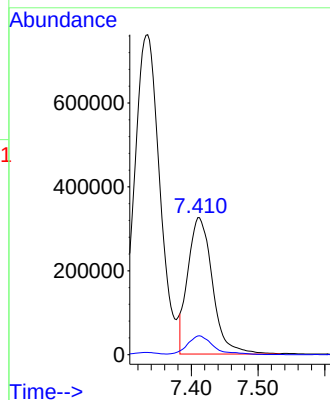
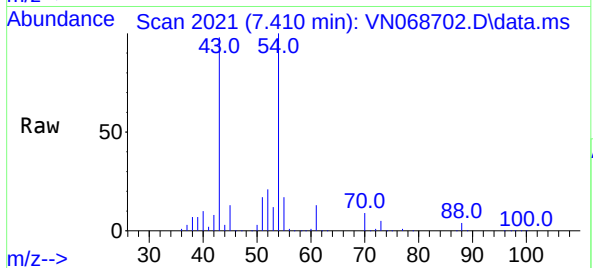
VSTDIC100

Manual Integrations

APPROVED

MMDadoda

9/28/2021 7:05:42 PM



#44

Isopropyl Acetate

Concen: 107.812 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. -0.003 min

Lab File: VN068702.D

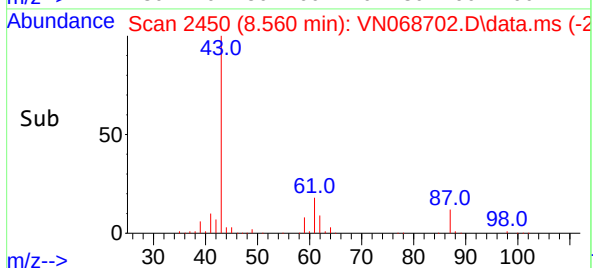
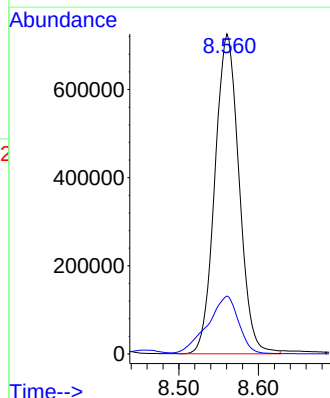
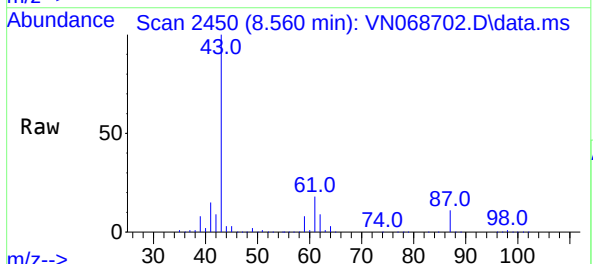
Acq: 27 Sep 2021 13:20

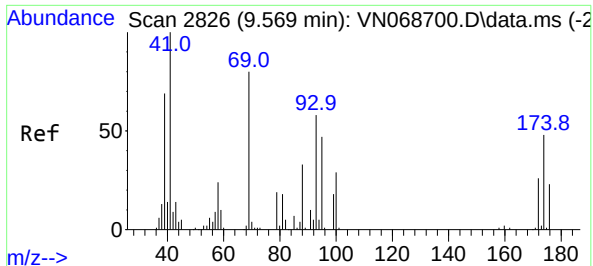
Tgt Ion: 43 Resp: 1531887

Ion Ratio Lower Upper

43 100

61 23.2 18.5 27.7





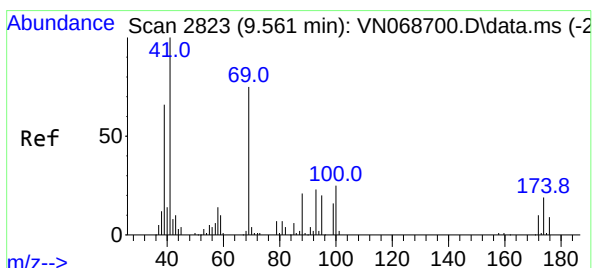
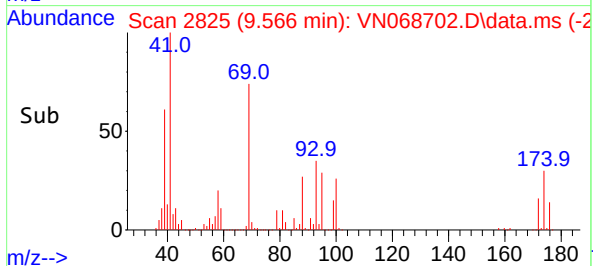
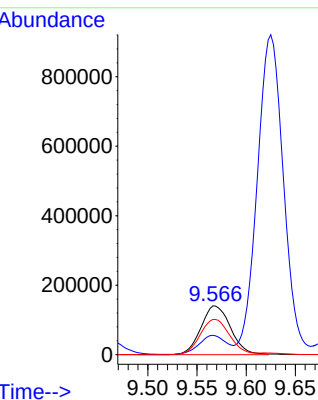
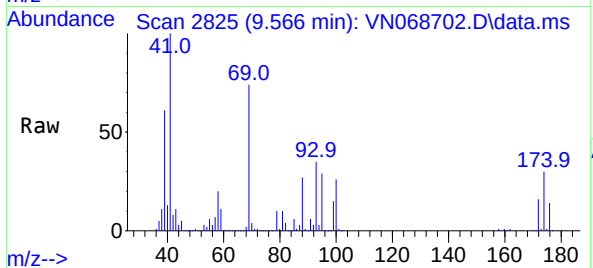
#45
1,4-Dioxane
Concen: 3179.818 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 88 Resp: 295584
Ion Ratio Lower Upper
88 100
43 35.9 27.3 40.9
58 72.2 55.0 82.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

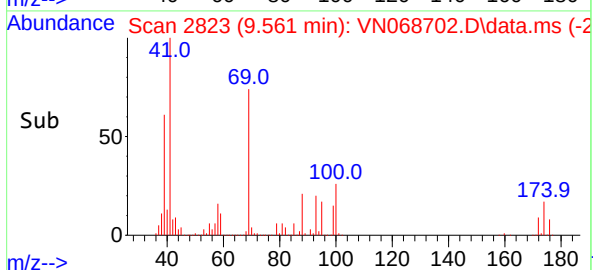
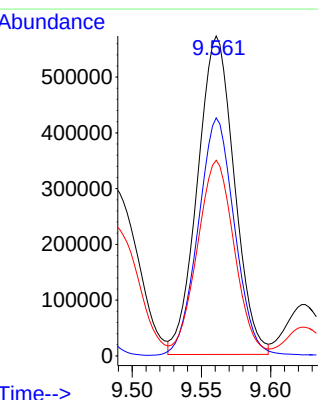
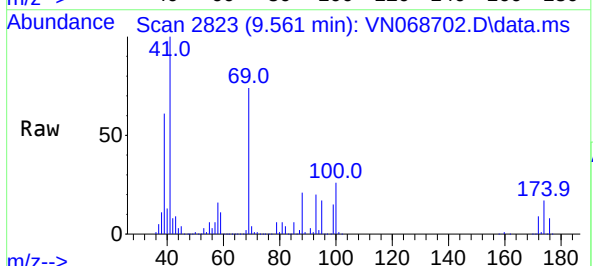
Manual Integrations
APPROVED

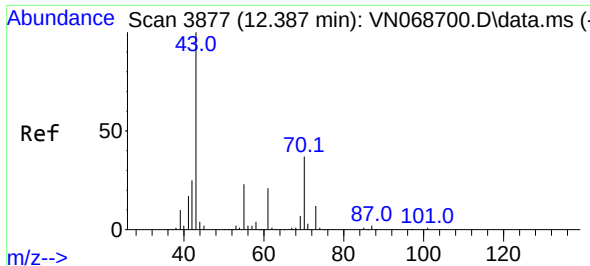
MMDadoda
9/28/2021 7:05:42 PM



#46
Methyl methacrylate
Concen: 154.414 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 41 Resp: 1054985
Ion Ratio Lower Upper
41 100
69 75.8 39.6 118.8
39 61.2 34.0 102.0





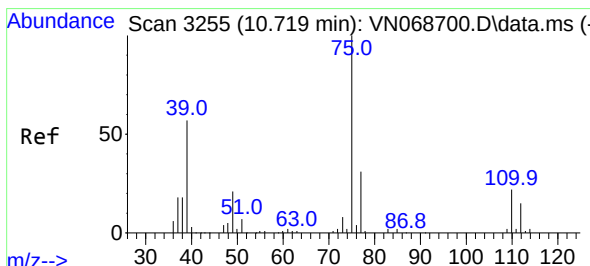
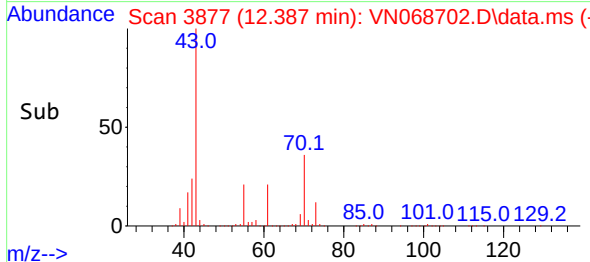
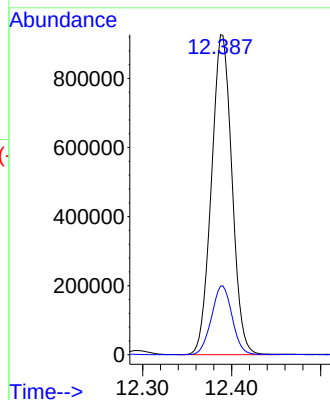
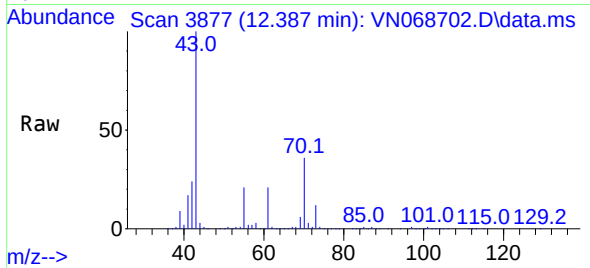
#47
n-amy1 Acetate
Concen: 115.463 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 43 Resp: 1482996
Ion Ratio Lower Upper
43 100
55 21.7 18.6 27.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

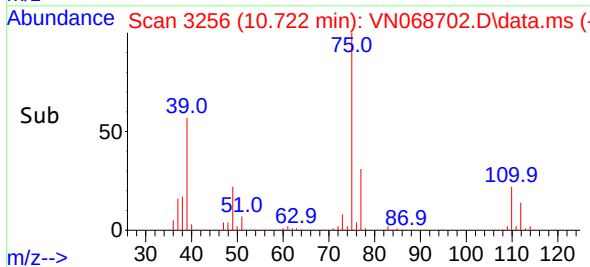
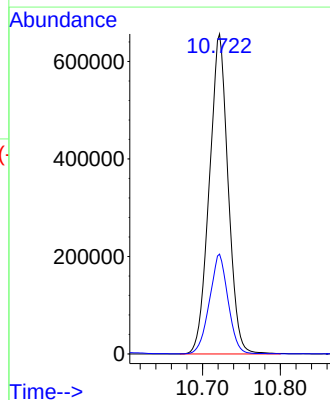
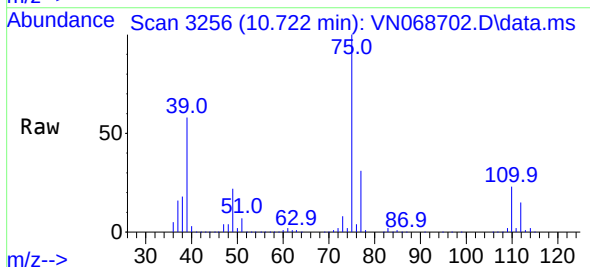
Manual Integrations
APPROVED

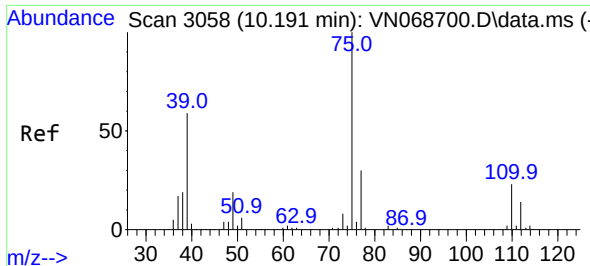
MMDadoda
9/28/2021 7:05:42 PM



#48
t-1,3-Dichloropropene
Concen: 111.152 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

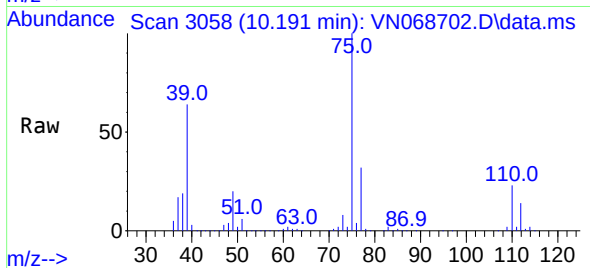
Tgt Ion: 75 Resp: 1100495
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4





#49
cis-1,3-Dichloropropene
Concen: 113.287 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

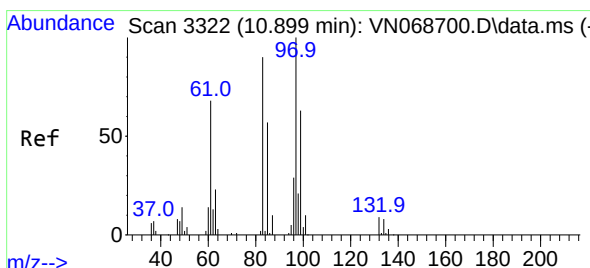
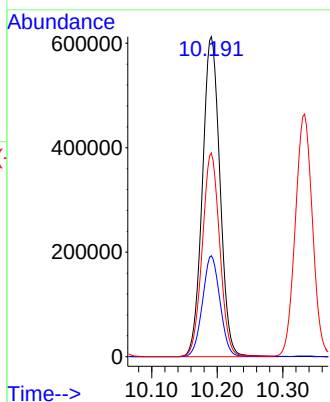
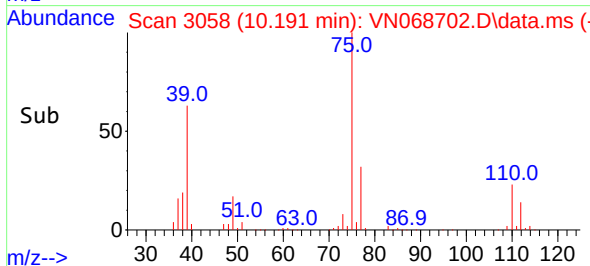


Tgt Ion: 75 Resp: 1136889

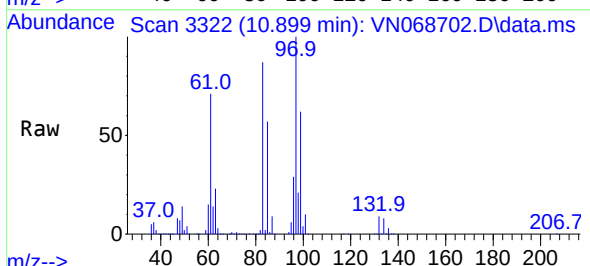
Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.2	36.4
39	63.6	46.2	69.2

Manual Integrations
APPROVED

MMDadoda
9/28/2021 7:05:42 PM

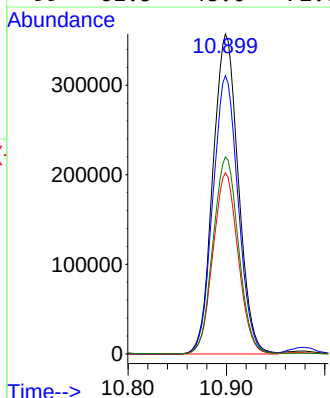
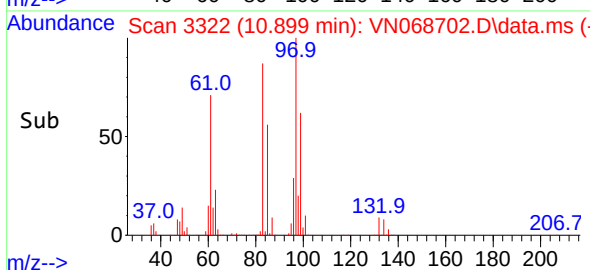


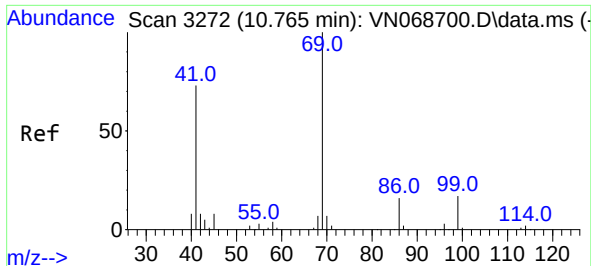
#50
1,1,2-Trichloroethane
Concen: 98.573 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



Tgt Ion: 97 Resp: 642034

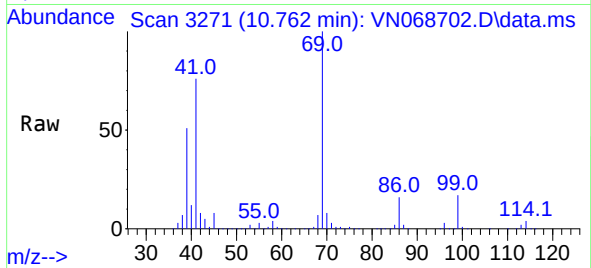
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.9	104.9
85	56.6	44.4	66.6
99	61.5	48.0	72.0





#51
Ethyl methacrylate
Concen: 94.208 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

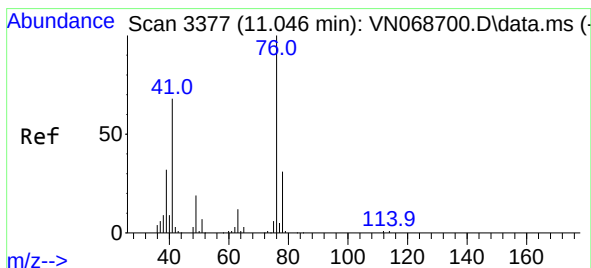
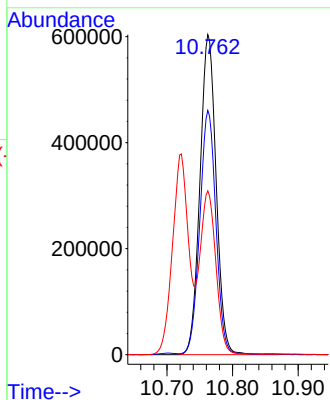
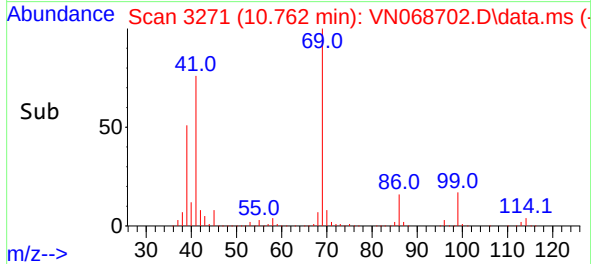
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



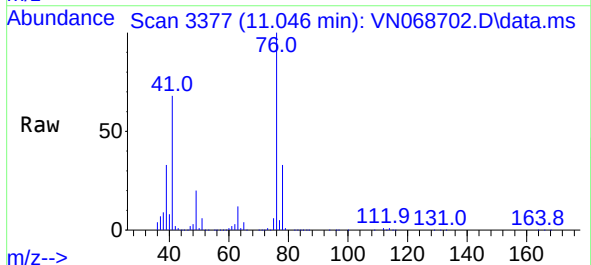
Tgt Ion: 69 Resp: 1034819
Ion Ratio Lower Upper
69 100
41 76.1 37.0 111.1
39 51.1 25.1 75.4

Manual Integrations
APPROVED

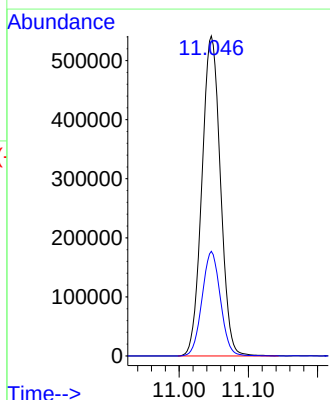
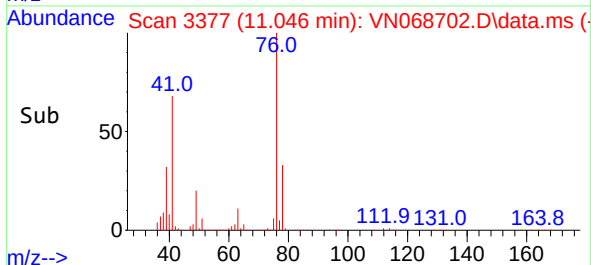
MMDadoda
9/28/2021 7:05:42 PM

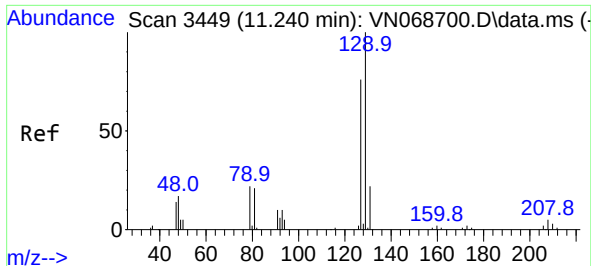


#52
1,3-Dichloropropane
Concen: 88.675 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



Tgt Ion: 76 Resp: 1006804
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.8





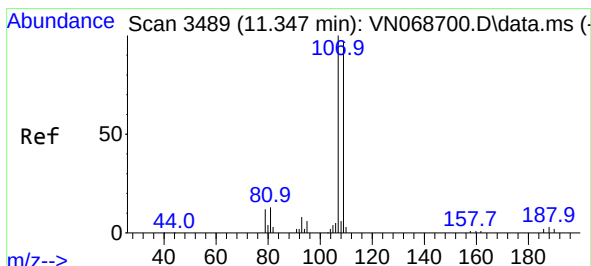
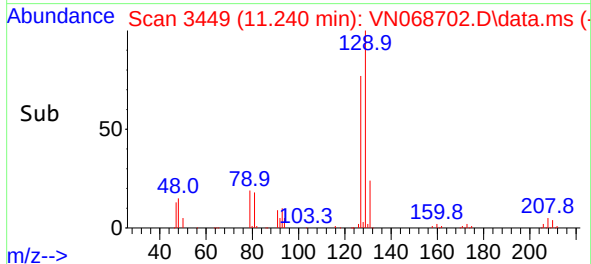
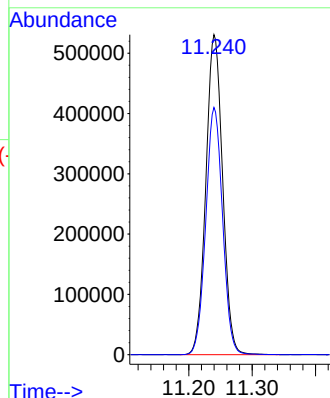
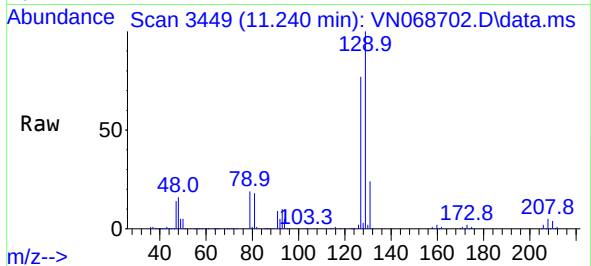
#53
Dibromochloromethane
Concen: 133.823 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion:129 Resp: 972285
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3

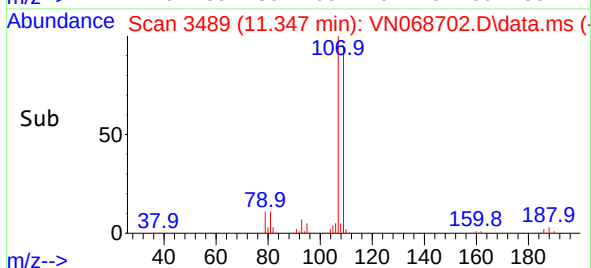
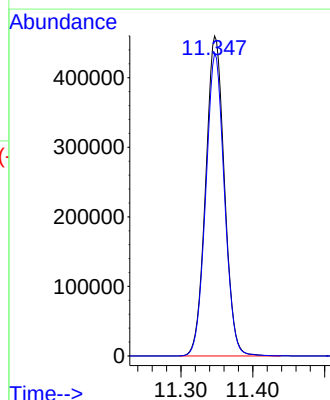
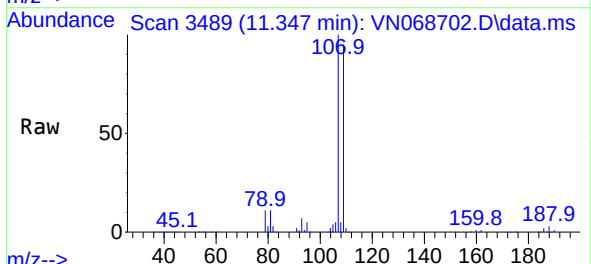
Manual Integrations
APPROVED

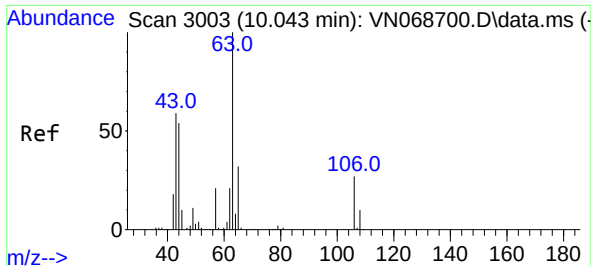
MMDadoda
9/28/2021 7:05:42 PM



#54
1,2-Dibromoethane
Concen: 124.083 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion:107 Resp: 835357
Ion Ratio Lower Upper
107 100
109 93.9 76.8 115.2





#55
2-Chloroethyl vinyl ether
Concen: 734.322 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

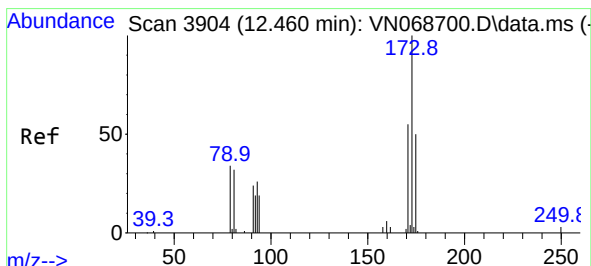
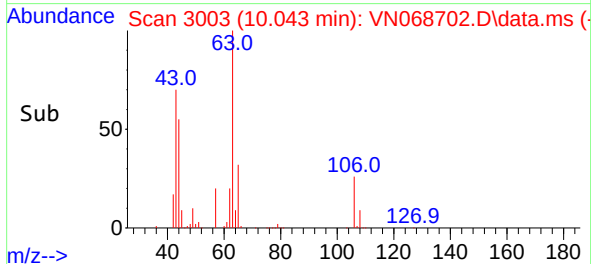
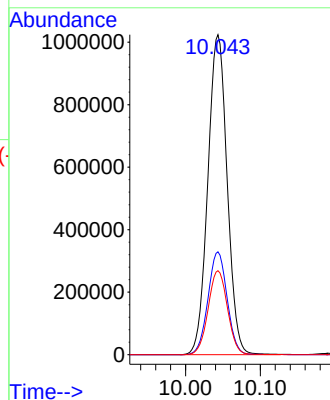
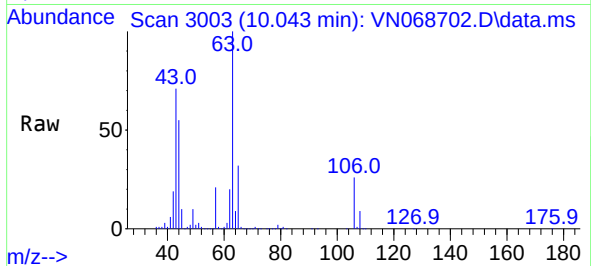
Tgt Ion: 63 Resp: 1840318

Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.4	38.0
106	26.3	21.3	31.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

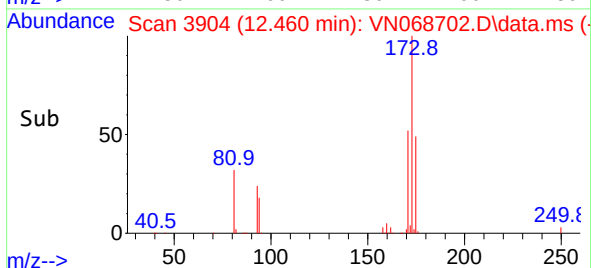
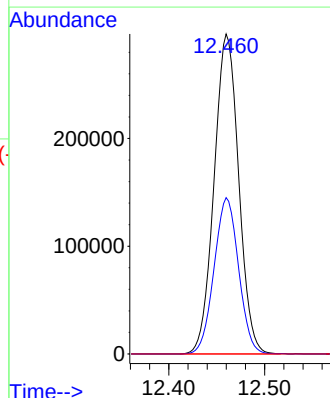
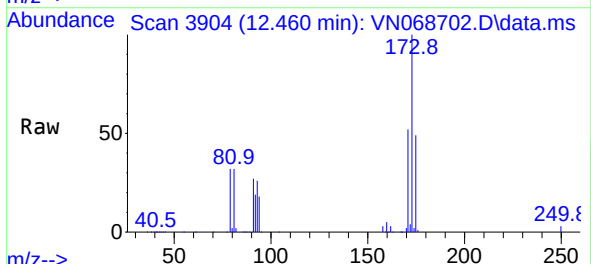
MMDadoda
9/28/2021 7:05:42 PM

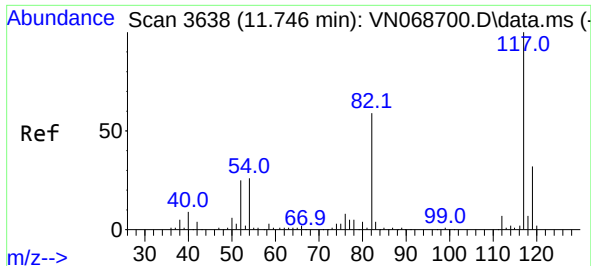


#56
Bromoform
Concen: 110.603 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

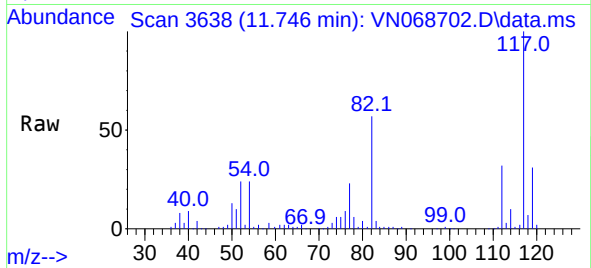
Tgt Ion: 173 Resp: 528285

Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.4	59.0
254	0.0	0.0	0.0

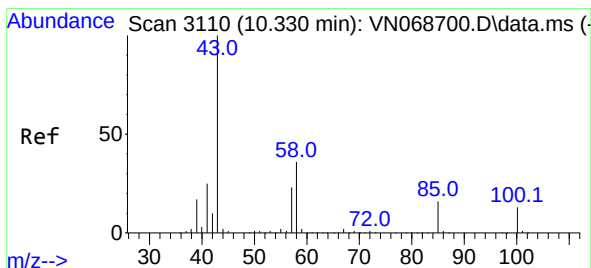
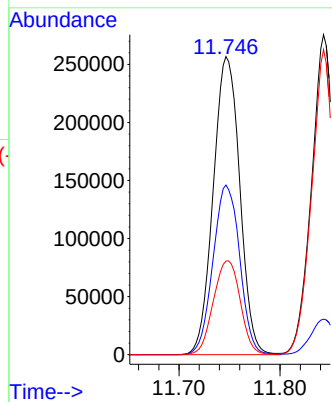
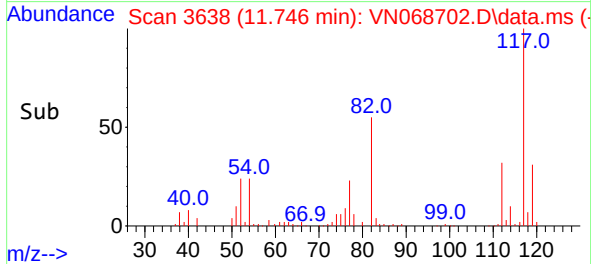




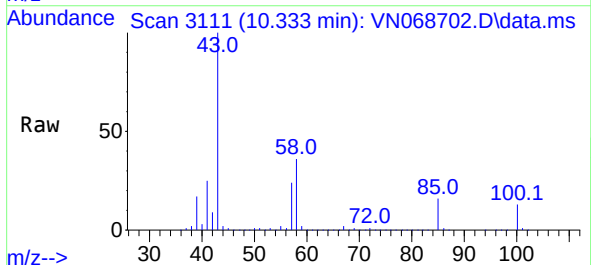
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



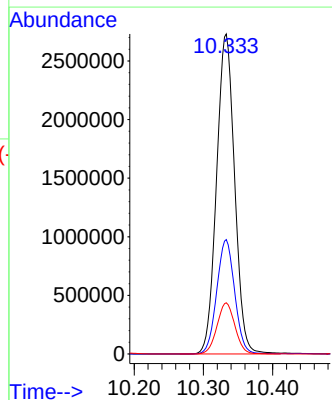
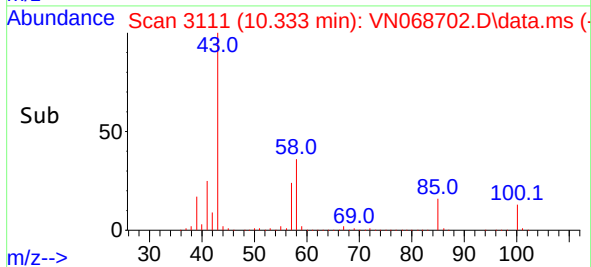
Tgt Ion: 117 Resp: 468875
Ion Ratio Lower Upper
117 100
82 57.3 44.6 66.8
119 31.9 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 534.138 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



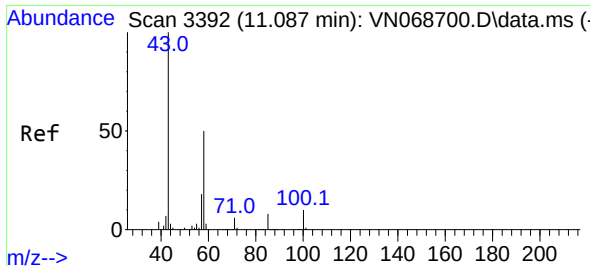
Tgt Ion: 43 Resp: 4950748
Ion Ratio Lower Upper
43 100
58 35.6 28.5 42.7
85 15.9 12.8 19.2



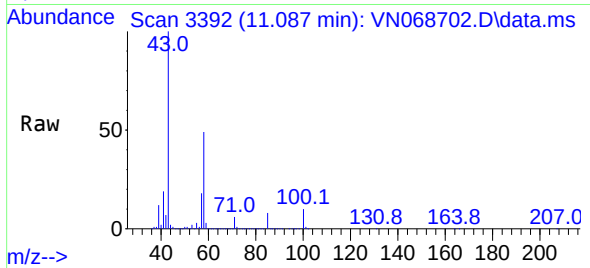
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
9/28/2021 7:05:42 PM

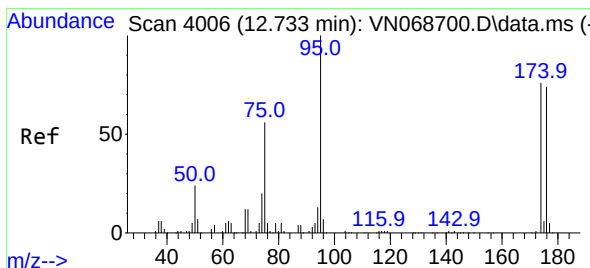
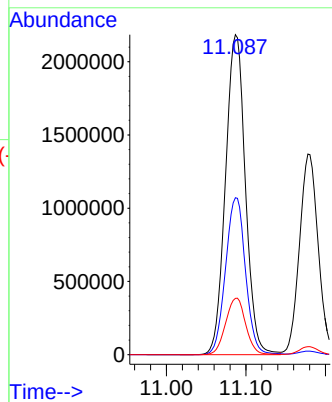
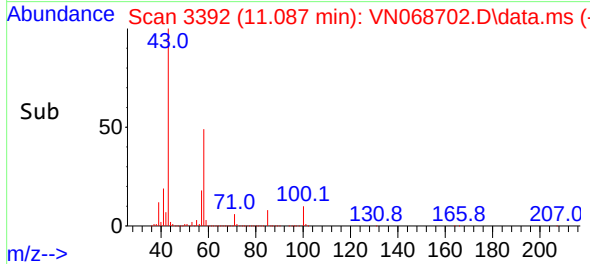


#59
2-Hexanone
Concen: 538.829 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

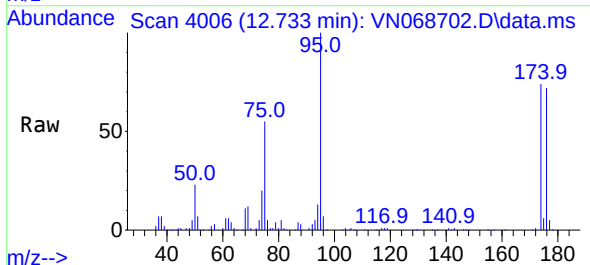


Tgt Ion: 43 Resp: 3801937

Ion	Ratio	Lower	Upper
43	100		
58	49.2	39.5	59.3
57	17.8	14.3	21.5

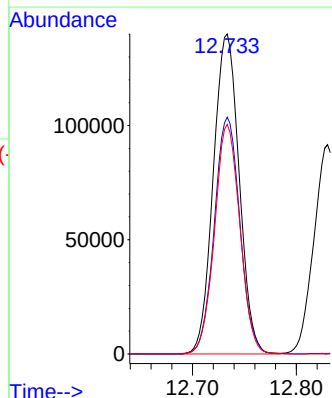
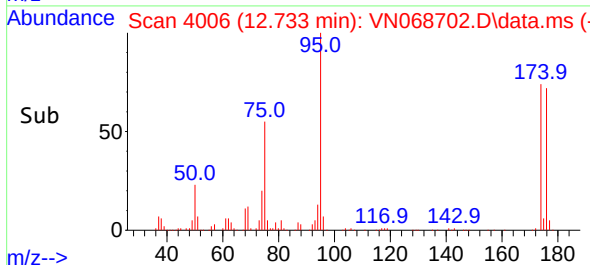


#60
4-Bromofluorobenzene
Concen: 33.591 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



Tgt Ion: 95 Resp: 242071

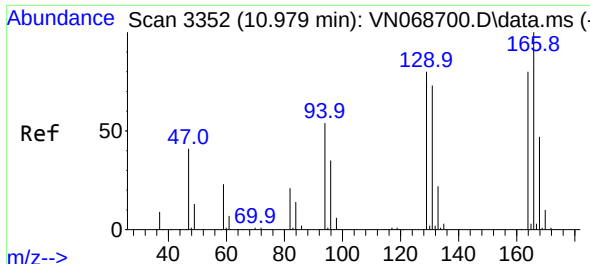
Ion	Ratio	Lower	Upper
95	100		
174	73.3	63.0	94.6
176	70.1	60.6	90.8



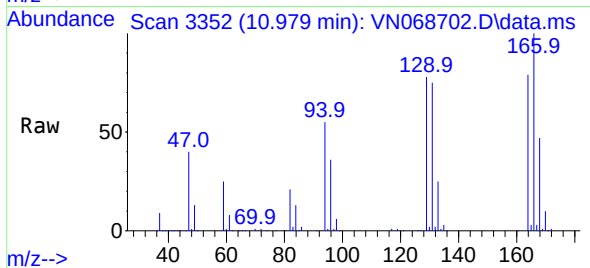
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

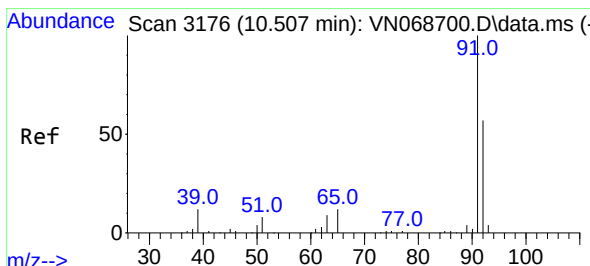
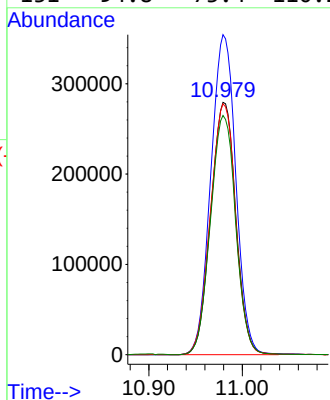
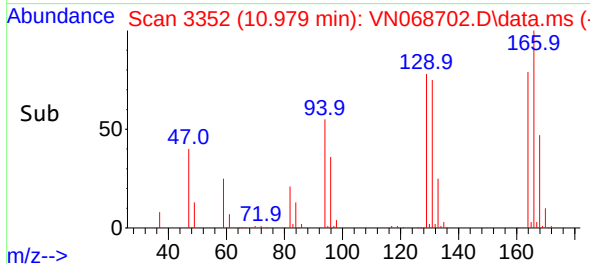
MMDadoda
9/28/2021 7:05:42 PM



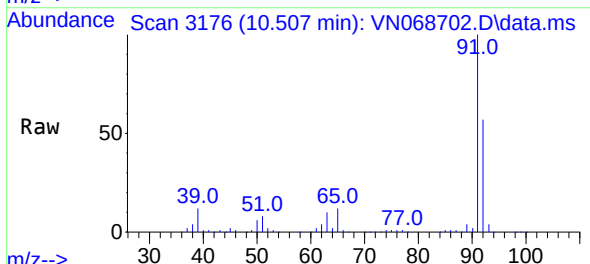
#61
Tetrachloroethene
Concen: 96.205 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



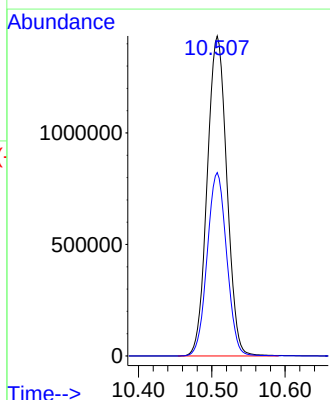
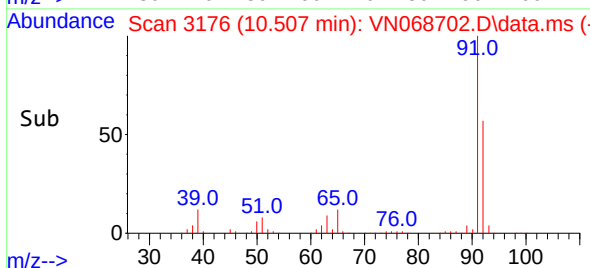
Tgt Ion:164 Resp: 522144
Ion Ratio Lower Upper
164 100
166 126.8 100.8 151.2
129 99.4 76.8 115.2
131 94.8 73.4 110.2



#62
Toluene
Concen: 104.241 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



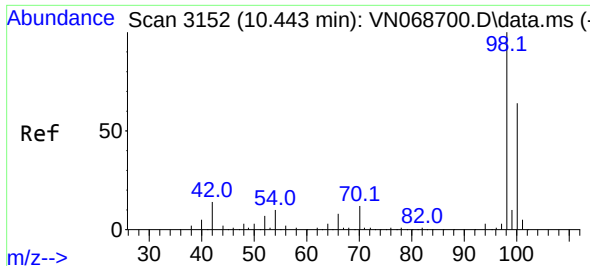
Tgt Ion: 91 Resp: 2670786
Ion Ratio Lower Upper
91 100
92 56.9 45.7 68.5



Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
9/28/2021 7:05:42 PM



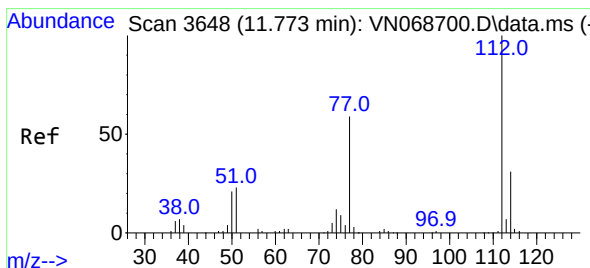
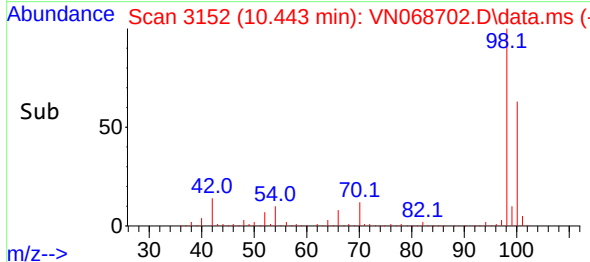
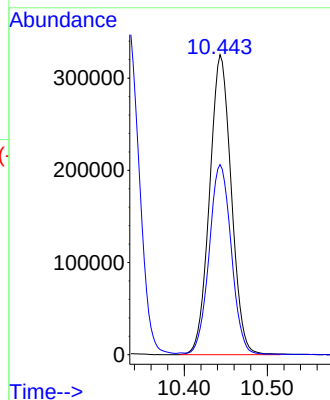
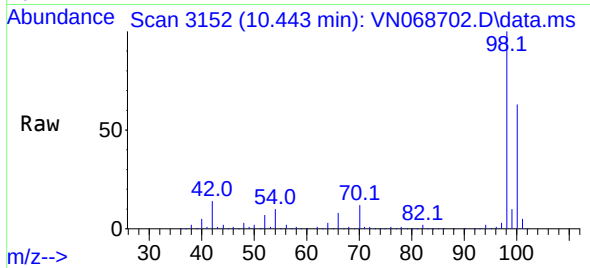
#63
Toluene-d8
Concen: 28.619 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 98 Resp: 590852
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

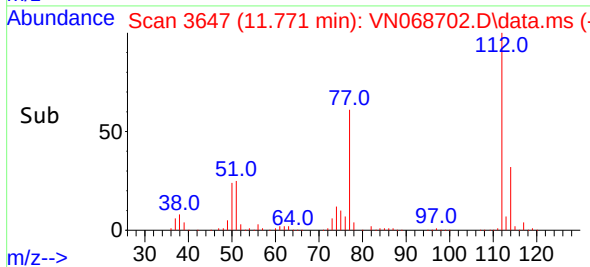
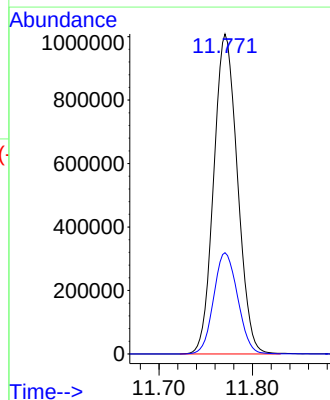
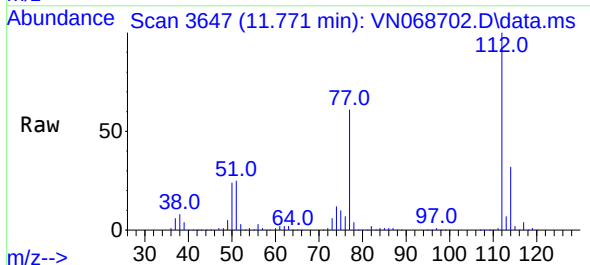
Manual Integrations
APPROVED

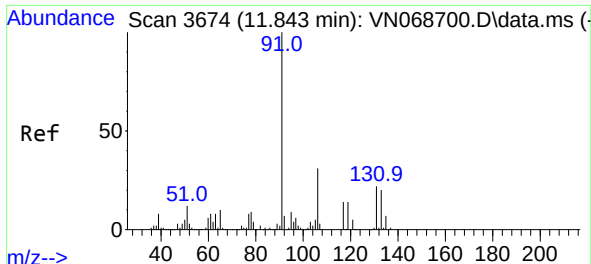
MMDadoda
9/28/2021 7:05:42 PM



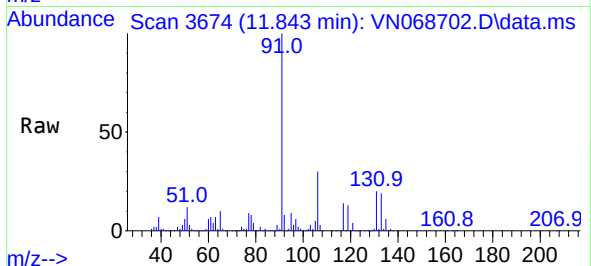
#64
Chlorobenzene
Concen: 108.617 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 112 Resp: 1780644
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8

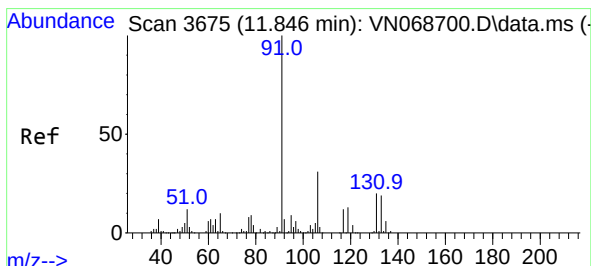
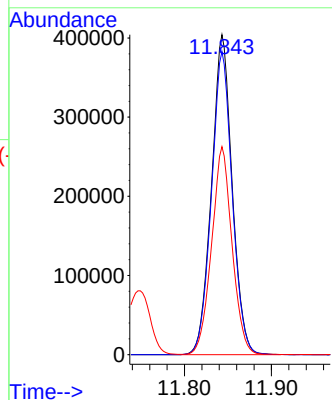
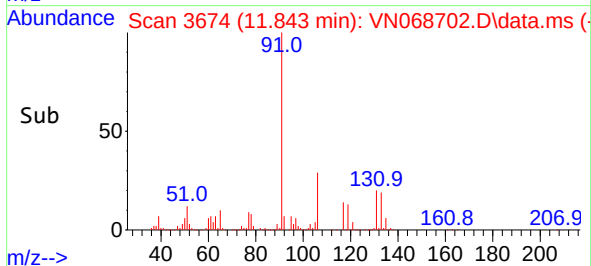




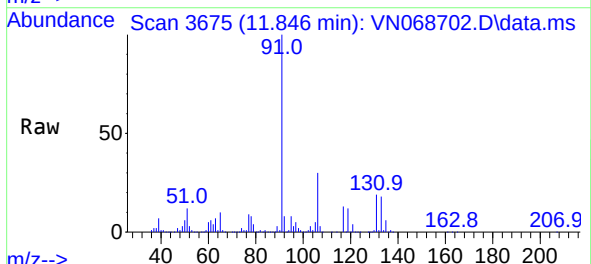
#65
1,1,1,2-Tetrachloroethane
Concen: 105.976 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



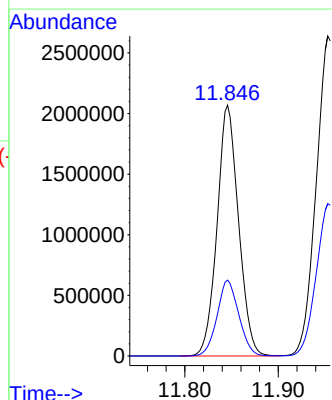
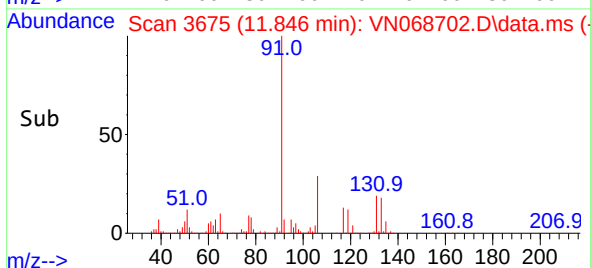
Tgt Ion:131 Resp: 665320
Ion Ratio Lower Upper
131 100
133 95.3 0.0 194.4
119 64.3 0.0 131.4



#66
Ethyl Benzene
Concen: 109.094 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



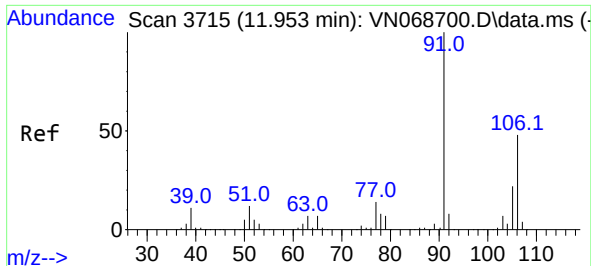
Tgt Ion: 91 Resp: 3296631
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

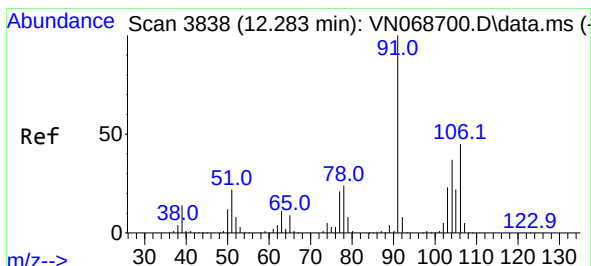
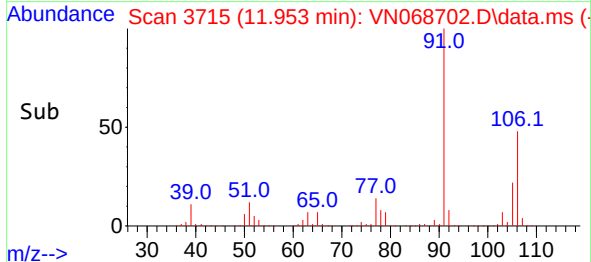
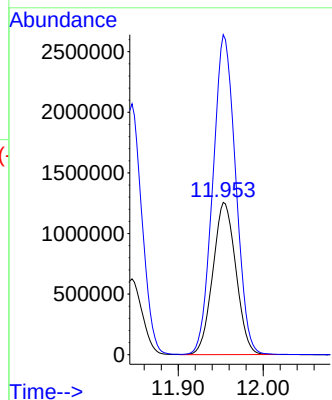
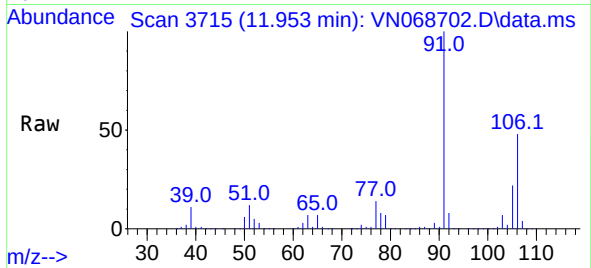
Manual Integrations
APPROVED

MMDadoda
9/28/2021 7:05:42 PM



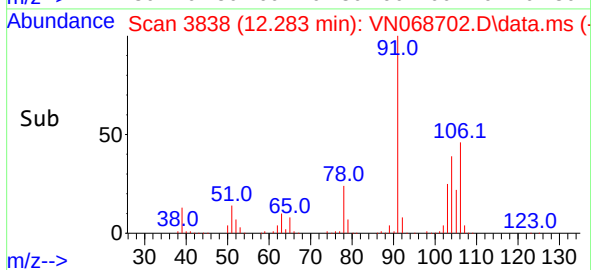
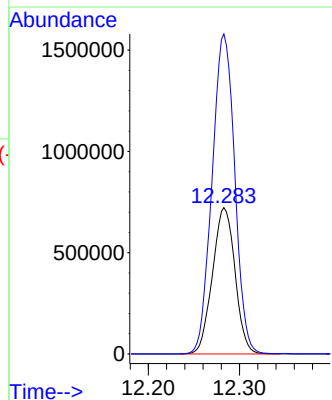
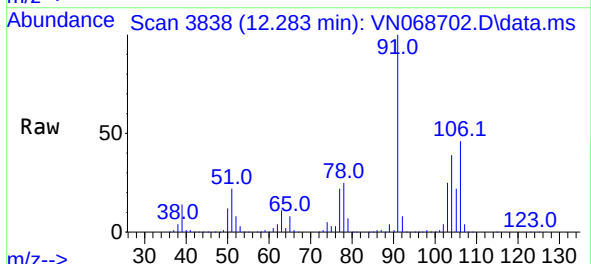
#67
m/p-Xylenes
Concen: 212.769 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion:106 Resp: 2367329
Ion Ratio Lower Upper
106 100
91 208.5 161.8 242.6



#68
o-Xylene
Concen: 113.221 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

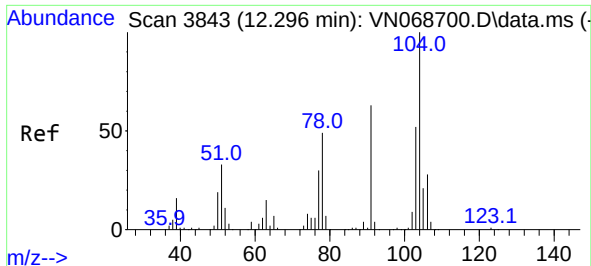
Tgt Ion:106 Resp: 1240581
Ion Ratio Lower Upper
106 100
91 219.9 105.9 317.7



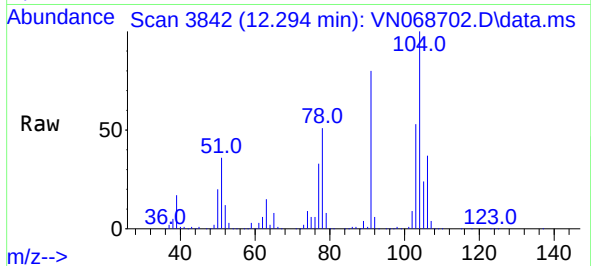
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
9/28/2021 7:05:42 PM

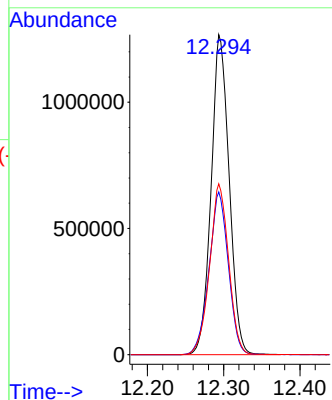


#69
Styrene
Concen: 118.433 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



Tgt Ion:104 Resp: 2084924

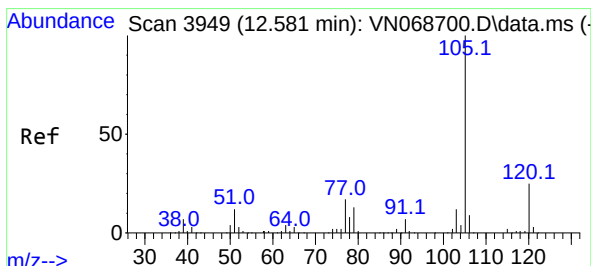
Ion	Ratio	Lower	Upper
104	100		
78	54.4	41.0	61.6
103	56.1	45.2	67.8



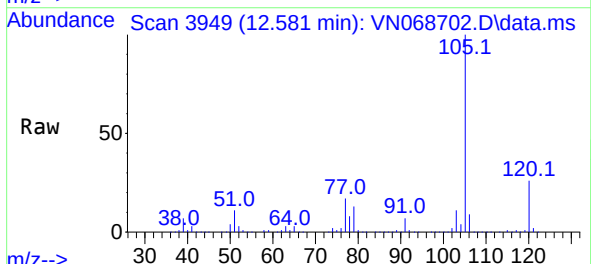
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
9/28/2021 7:05:42 PM

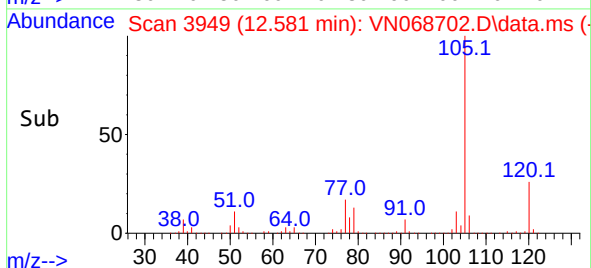
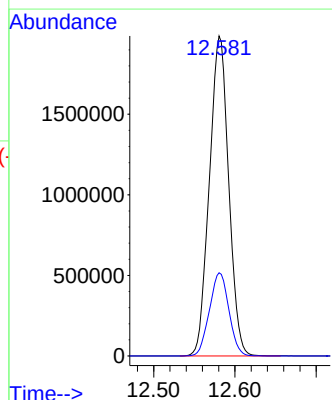


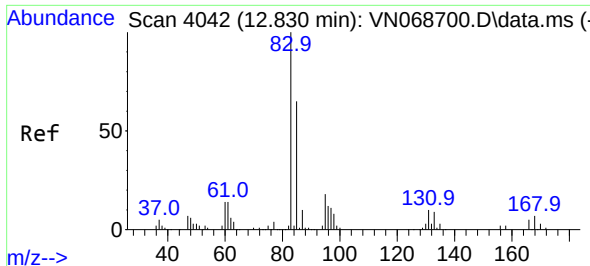
#70
Isopropylbenzene
Concen: 117.091 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



Tgt Ion:105 Resp: 3275328

Ion	Ratio	Lower	Upper
105	100		
120	26.2	19.0	35.4





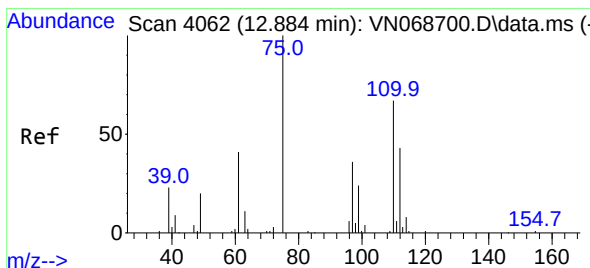
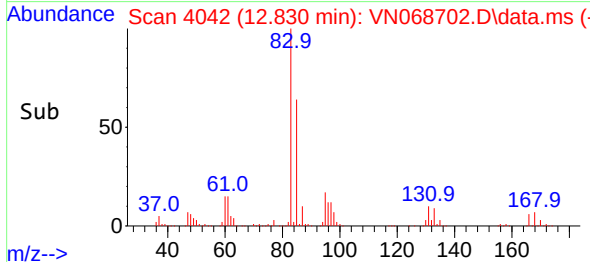
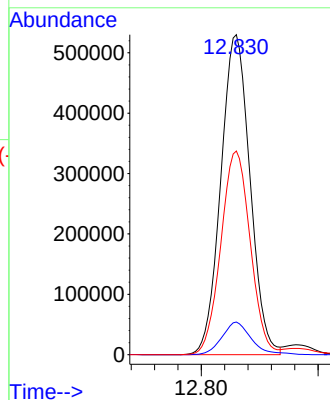
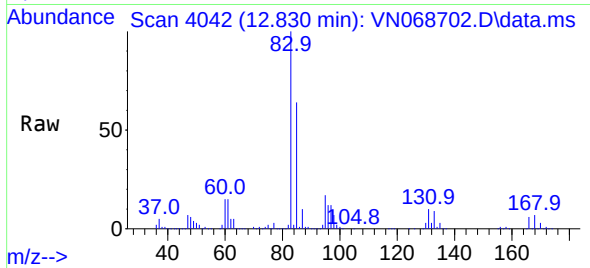
#71
 1,1,2,2-Tetrachloroethane
 Concen: 108.907 ug/l
 RT: 12.830 min Scan# 4042
 Delta R.T. -0.000 min
 Lab File: VN068702.D
 Acq: 27 Sep 2021 13:20

Tgt Ion: 83 Resp: 919964
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.9 14.6
 85 64.1 32.0 96.2

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

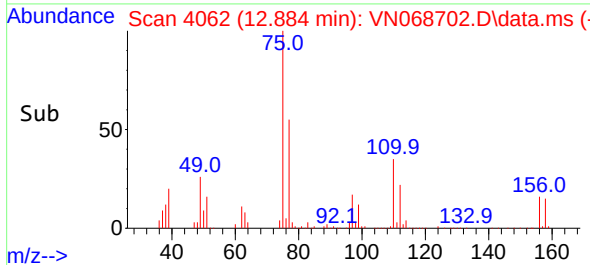
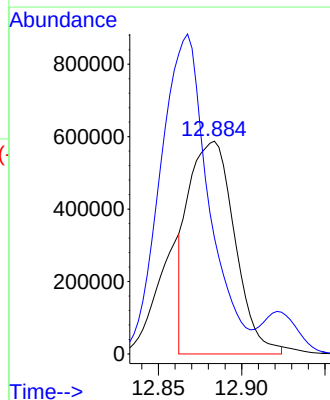
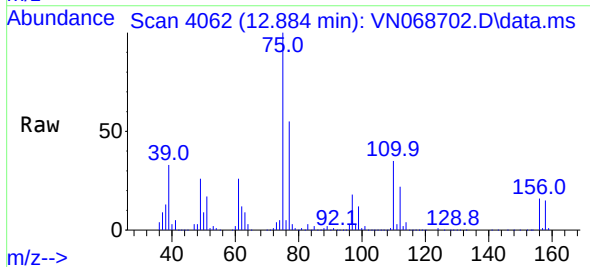
Manual Integrations
 APPROVED

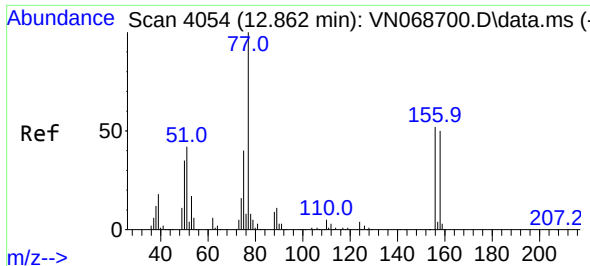
MMDadoda
 9/28/2021 7:05:42 PM



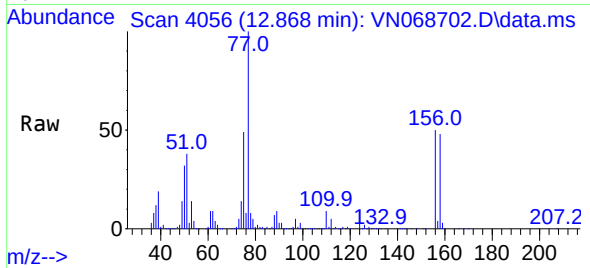
#72
 1,2,3-Trichloropropane
 Concen: 140.618 ug/l m
 RT: 12.884 min Scan# 4062
 Delta R.T. 0.000 min
 Lab File: VN068702.D
 Acq: 27 Sep 2021 13:20

Tgt Ion: 75 Resp: 1136486
 Ion Ratio Lower Upper
 75 100
 77 156.5 0.0 356.6

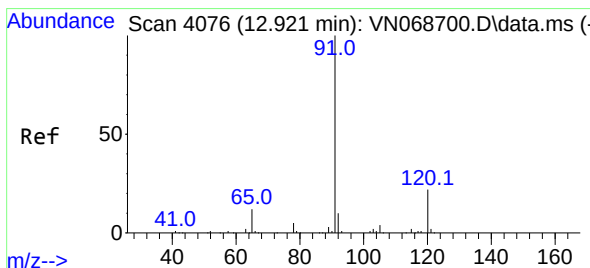
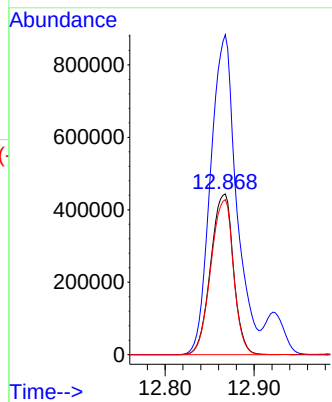
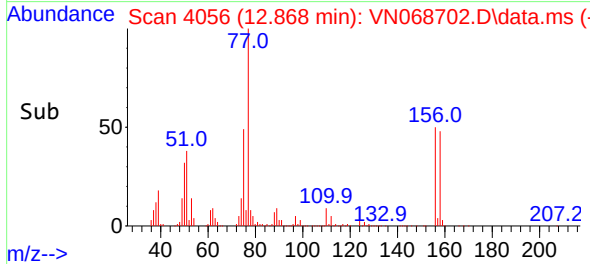




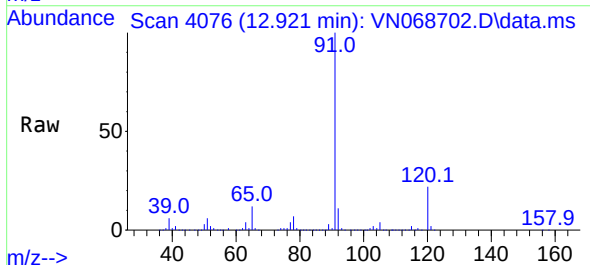
#73
Bromobenzene
Concen: 123.945 ug/l
RT: 12.868 min Scan# 4056
Delta R.T. 0.005 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



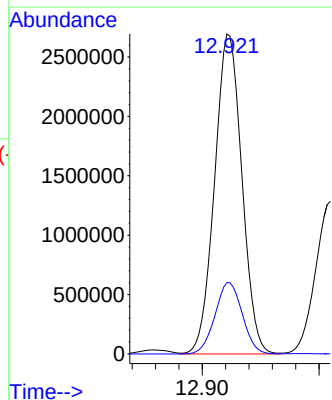
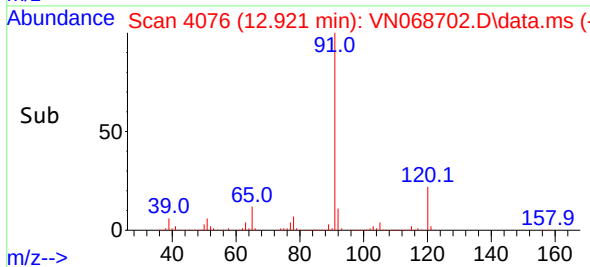
Tgt Ion:156 Resp: 789882
Ion Ratio Lower Upper
156 100
77 225.2 0.0 425.8
158 95.9 0.0 196.2



#74
n-propylbenzene
Concen: 134.174 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



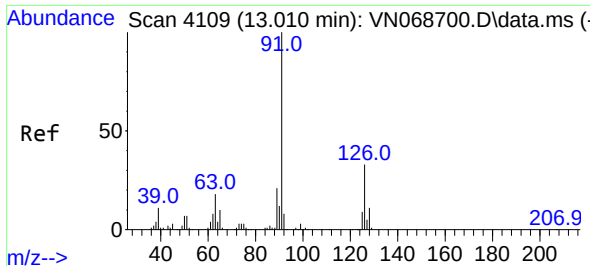
Tgt Ion: 91 Resp: 4362735
Ion Ratio Lower Upper
91 100
120 22.3 0.0 45.6



Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
9/28/2021 7:05:42 PM



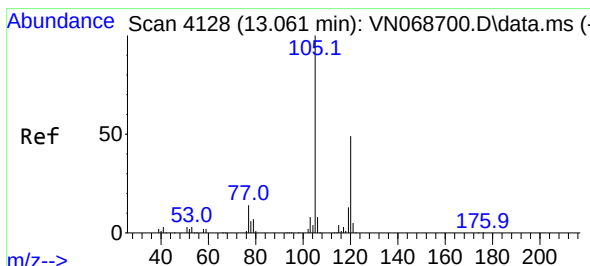
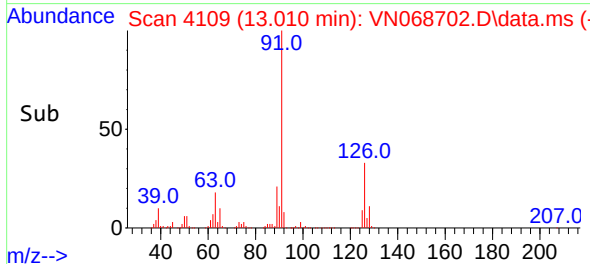
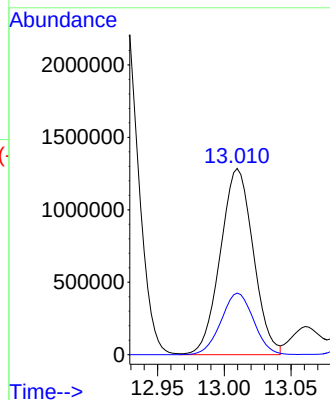
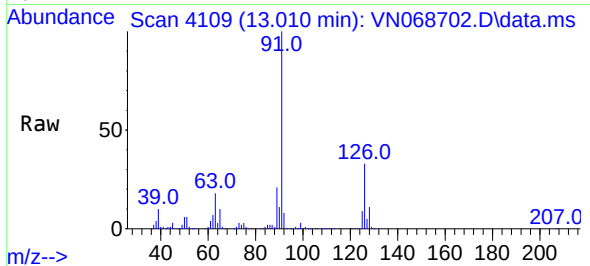
#75
2-Chlorotoluene
Concen: 112.838 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 2205886
Ion Ratio Lower Upper
91 100
126 32.8 0.0 68.6

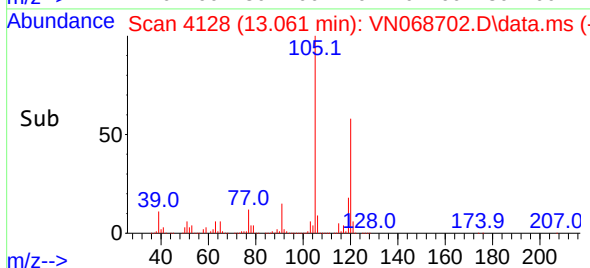
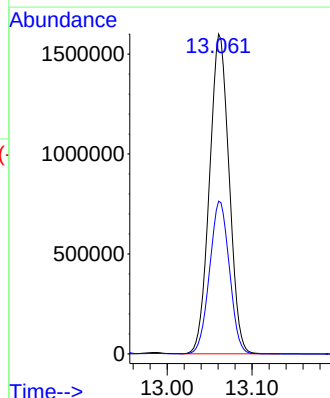
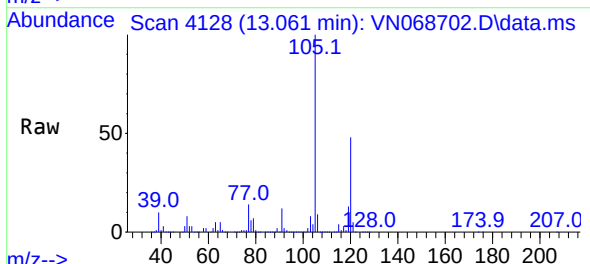
Manual Integrations
APPROVED

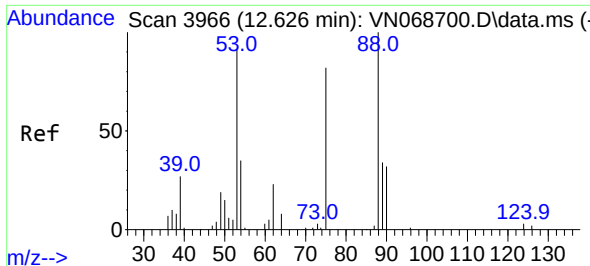
MMDadoda
9/28/2021 7:05:42 PM



#76
1,3,5-Trimethylbenzene
Concen: 111.595 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

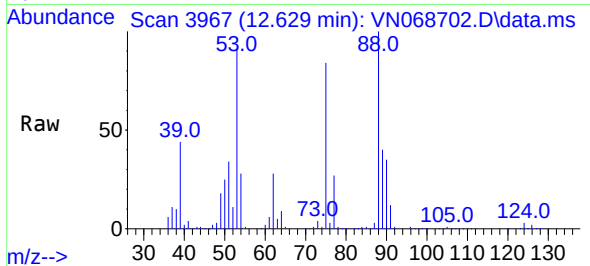
Tgt Ion: 105 Resp: 2562955
Ion Ratio Lower Upper
105 100
120 48.1 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 137.091 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

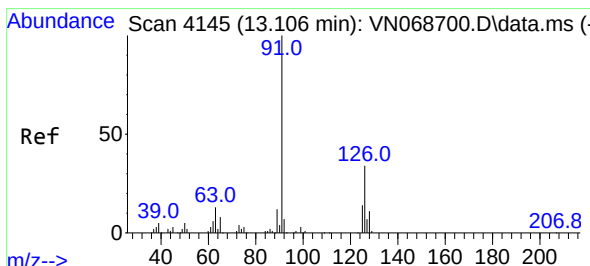
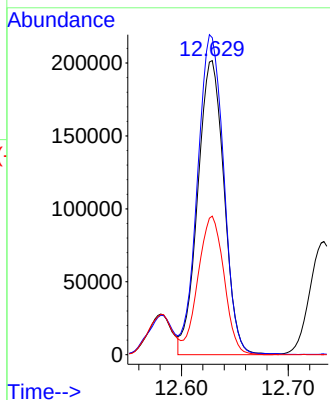
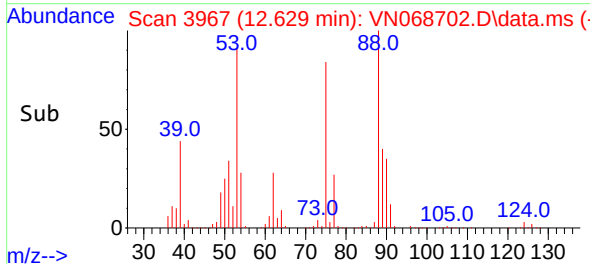
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



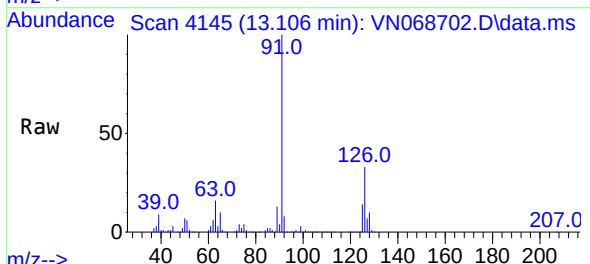
Tgt Ion: 75 Resp: 345316
Ion Ratio Lower Upper
75 100
53 107.8 52.8 158.4
89 47.2 24.8 74.3

Manual Integrations
APPROVED

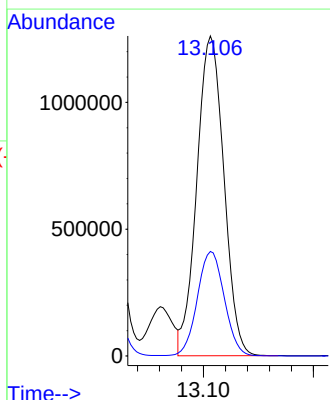
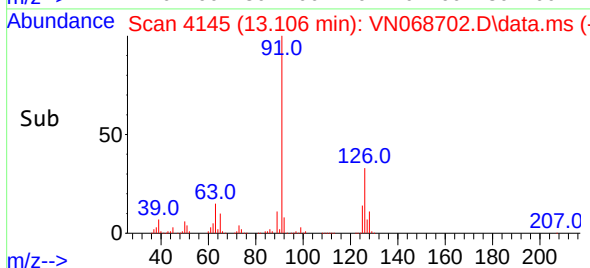
MMDadoda
9/28/2021 7:05:42 PM

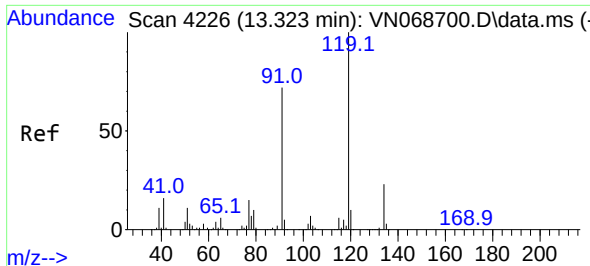


#78
4-Chlorotoluene
Concen: 115.835 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



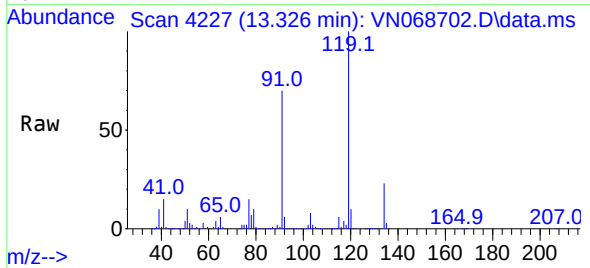
Tgt Ion: 91 Resp: 2152494
Ion Ratio Lower Upper
91 100
126 32.6 0.0 68.2





#79
tert-butylbenzene
Concen: 119.036 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

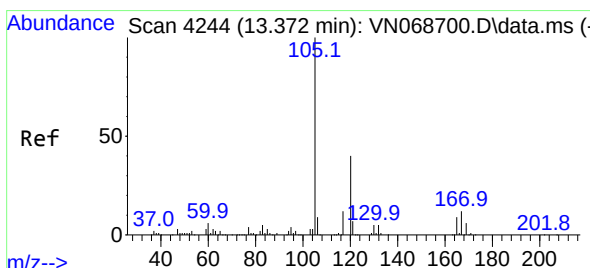
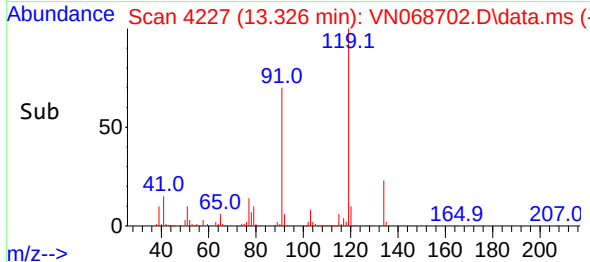
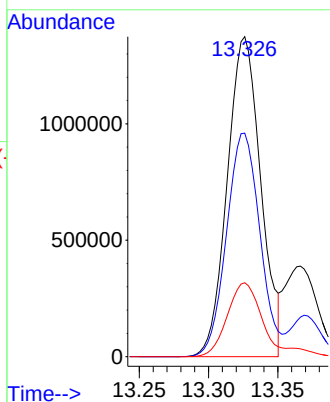
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



Tgt Ion:119 Resp: 2315354
Ion Ratio Lower Upper
119 100
91 69.8 0.0 133.8
134 23.4 0.0 48.6

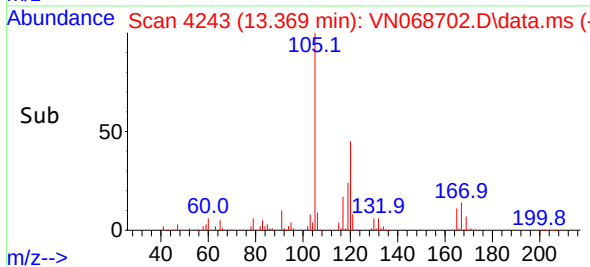
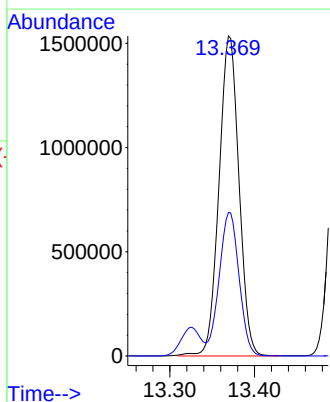
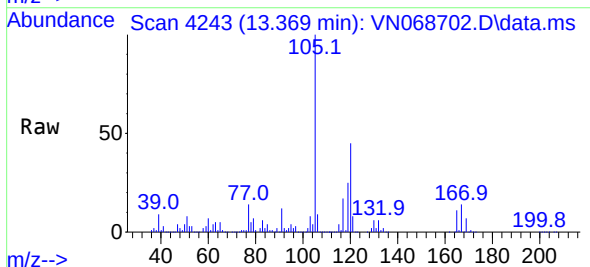
Manual Integrations
APPROVED

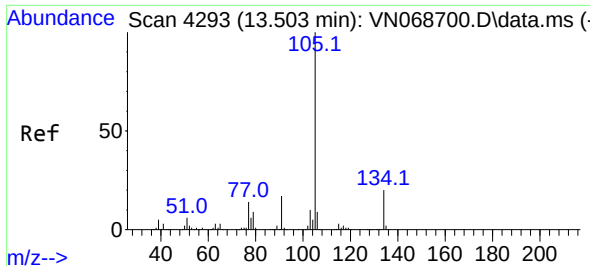
MMDadoda
9/28/2021 7:05:42 PM



#80
1,2,4-Trimethylbenzene
Concen: 118.349 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

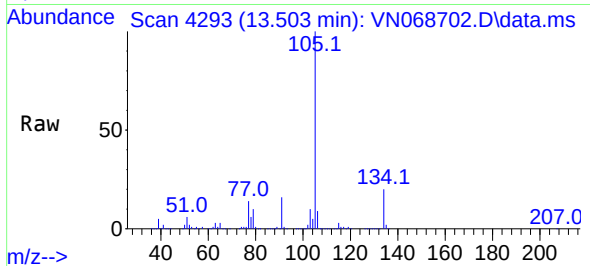
Tgt Ion:105 Resp: 2513251
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
sec-Butylbenzene
Concen: 116.956 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

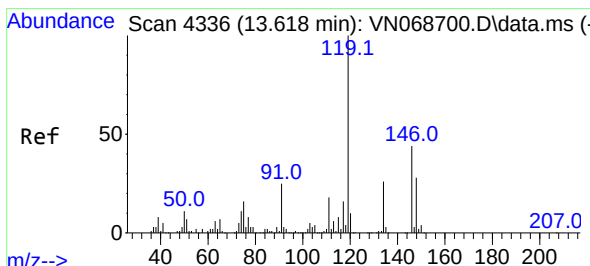
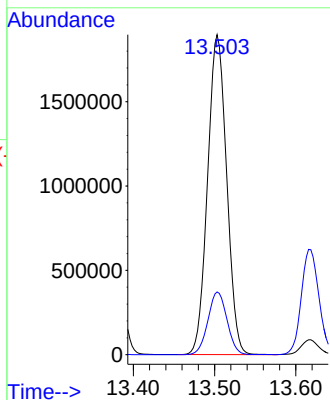
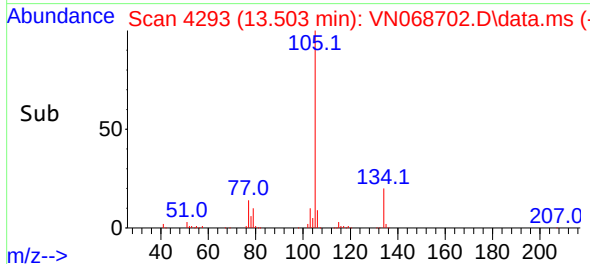
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



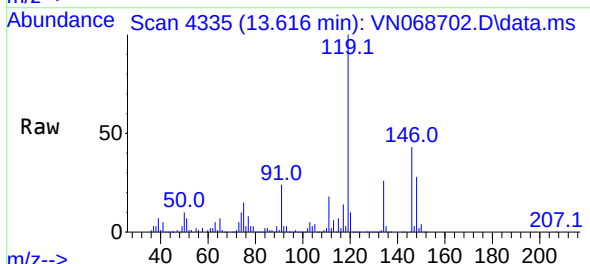
Tgt Ion:105 Resp: 3087807
Ion Ratio Lower Upper
105 100
134 19.6 0.0 39.4

Manual Integrations
APPROVED

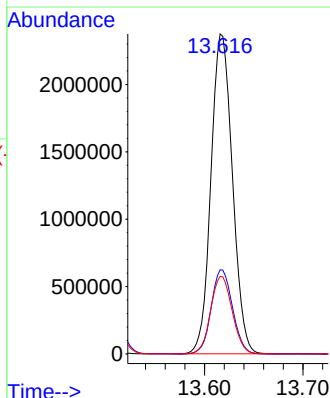
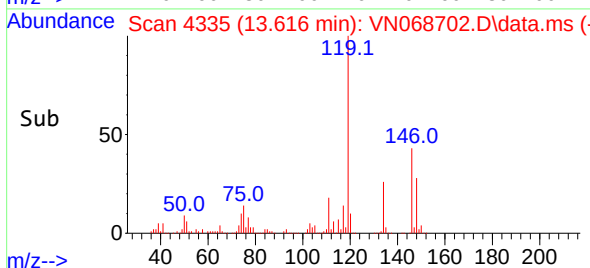
MMDadoda
9/28/2021 7:05:42 PM

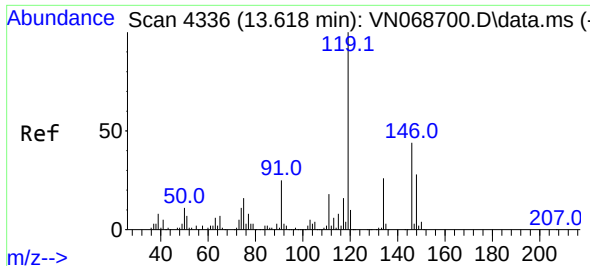


#82
p-Isopropyltoluene
Concen: 170.732 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



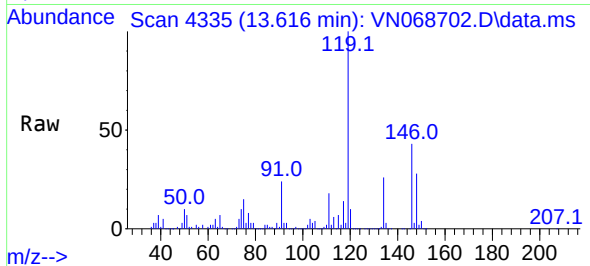
Tgt Ion:119 Resp: 3594599
Ion Ratio Lower Upper
119 100
134 26.1 0.0 53.6
91 24.4 0.0 49.2





#83
1,3-Dichlorobenzene
Concen: 162.975 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

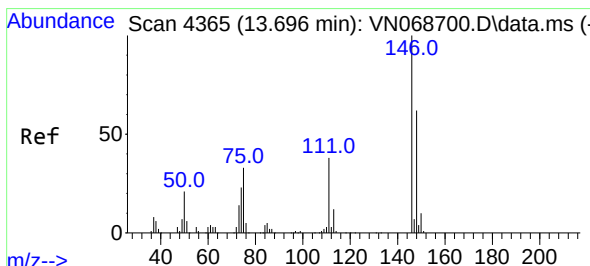
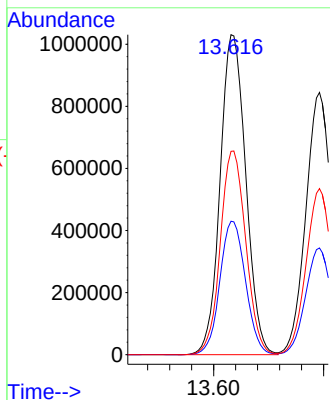
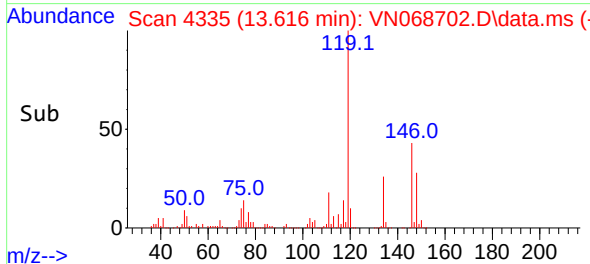
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



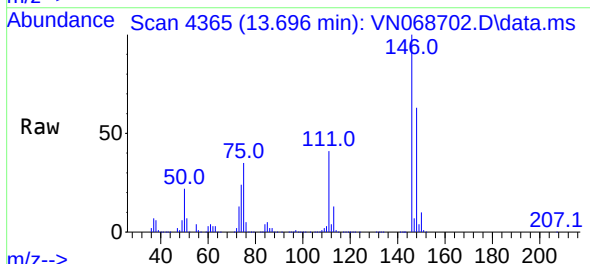
Tgt Ion:146 Resp: 1672043
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.3
148 63.3 31.8 95.3

Manual Integrations
APPROVED

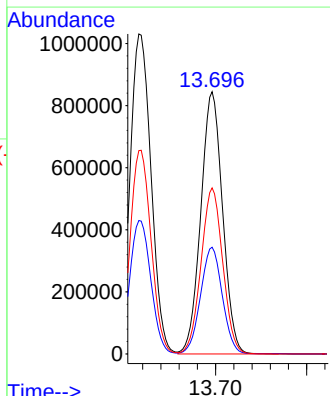
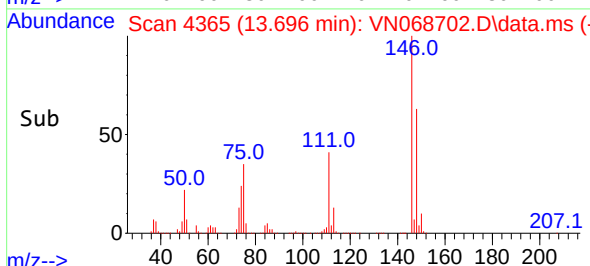
MMDadoda
9/28/2021 7:05:42 PM

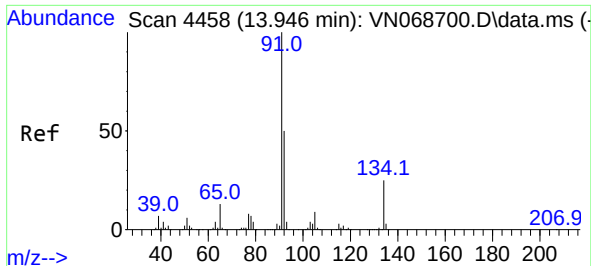


#84
1,4-Dichlorobenzene
Concen: 141.236 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



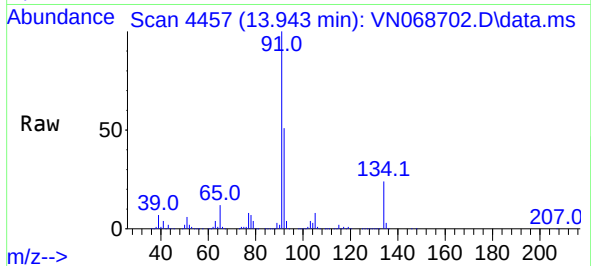
Tgt Ion:146 Resp: 1402263
Ion Ratio Lower Upper
146 100
111 40.4 19.6 58.8
148 63.2 31.8 95.4





#85
n-Butylbenzene
Concen: 126.783 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

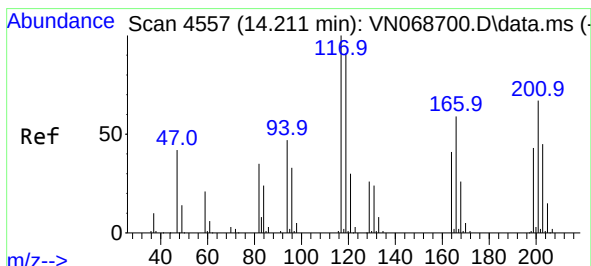
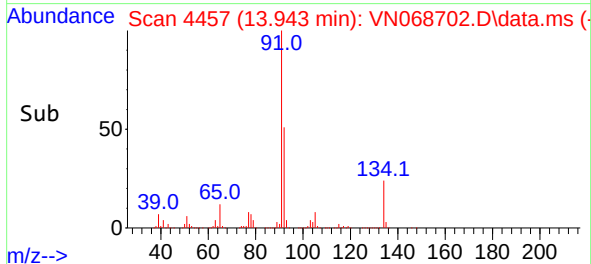
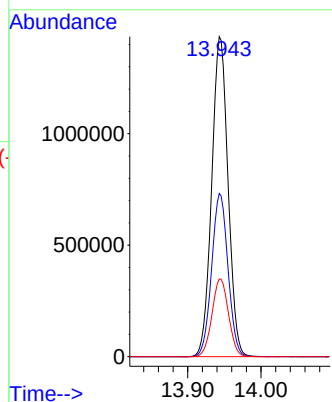
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 2218217
Ion Ratio Lower Upper
91 100
92 51.1 0.0 101.6
134 24.6 0.0 49.6

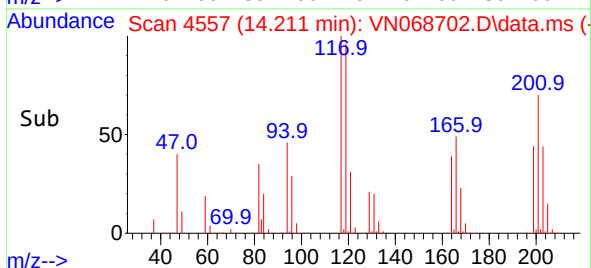
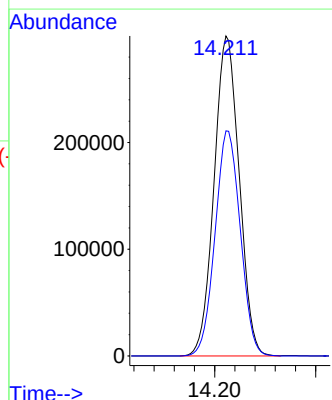
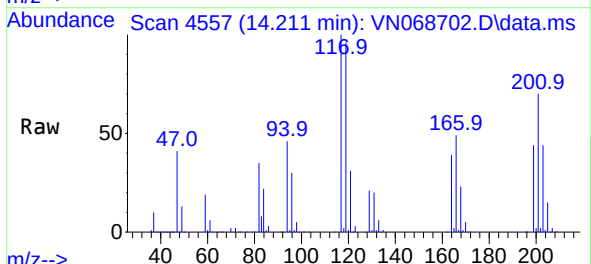
Manual Integrations
APPROVED

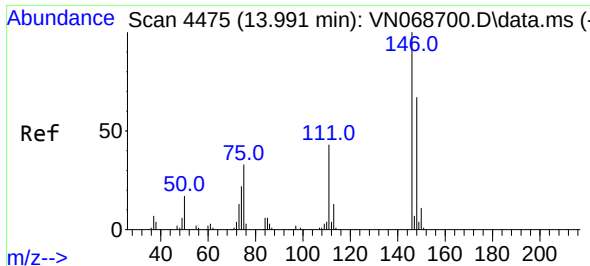
MMDadoda
9/28/2021 7:05:42 PM



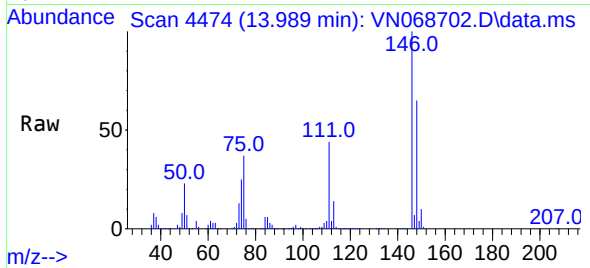
#86
Hexachloroethane
Concen: 122.261 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Tgt Ion: 117 Resp: 517221
Ion Ratio Lower Upper
117 100
201 70.5 35.5 106.7

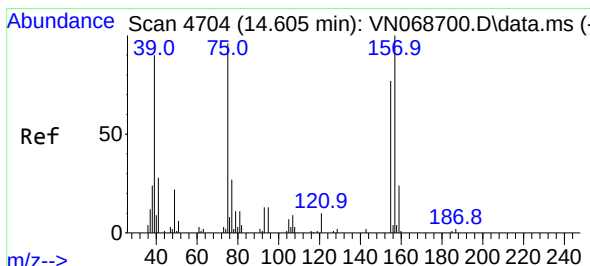
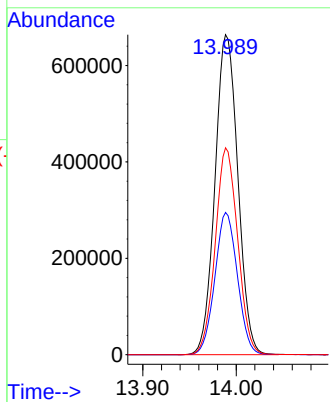
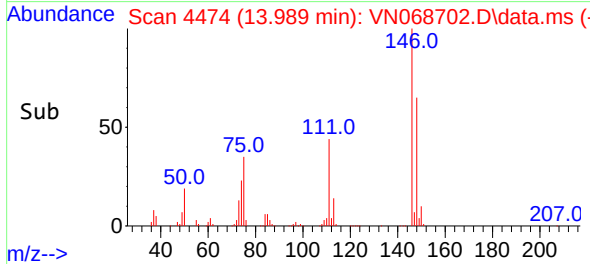




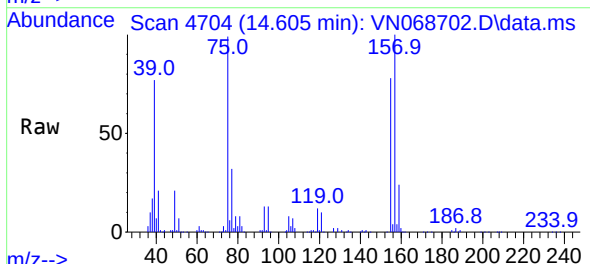
#87
1,2-Dichlorobenzene
Concen: 113.258 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



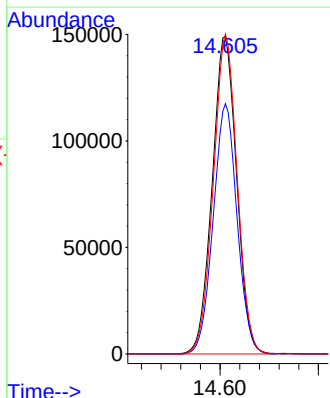
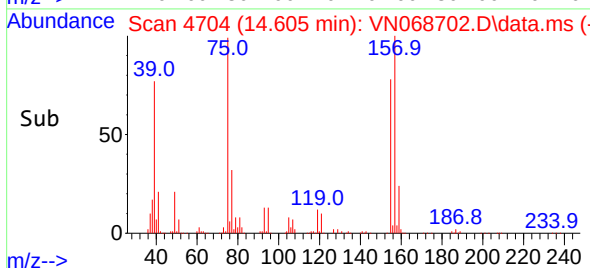
Tgt Ion:146 Resp: 1132134
Ion Ratio Lower Upper
146 100
111 43.8 21.5 64.5
148 63.5 31.9 95.9



#88
1,2-Dibromo-3-Chloropropane
Concen: 172.744 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



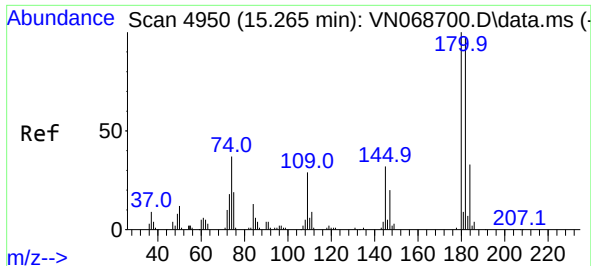
Tgt Ion: 75 Resp: 256806
Ion Ratio Lower Upper
75 100
155 77.1 63.2 94.8
157 98.4 78.6 117.8



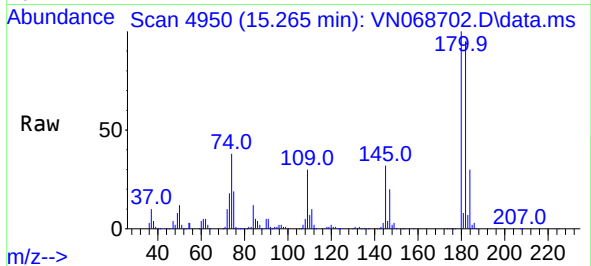
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

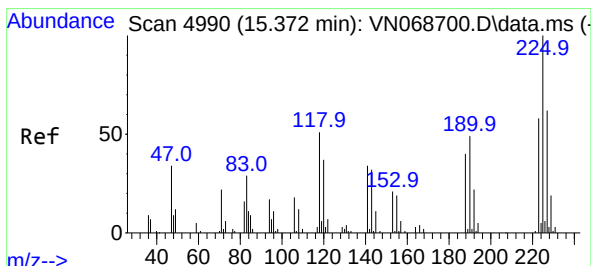
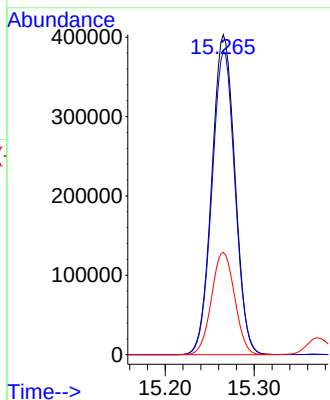
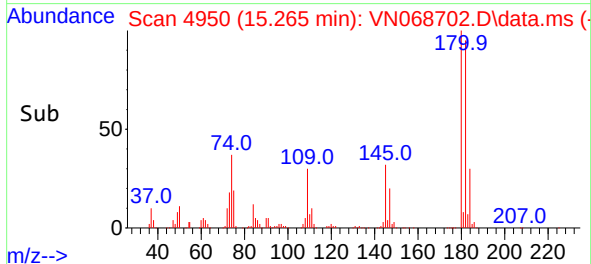
MMDadoda
9/28/2021 7:05:42 PM



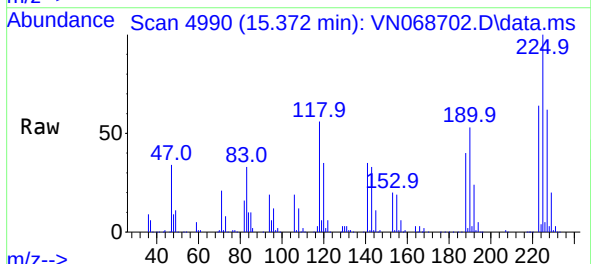
#89
1,2,4-Trichlorobenzene
Concen: 147.782 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



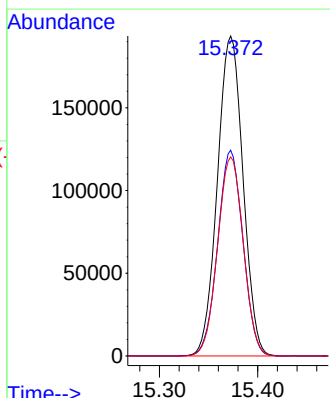
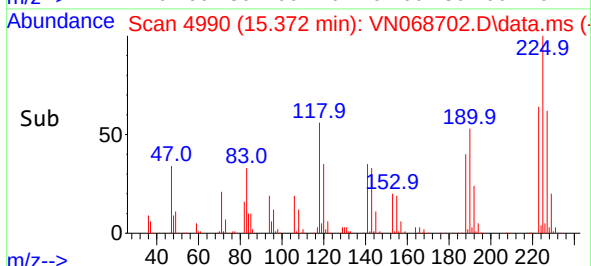
Tgt Ion:180 Resp: 728610
Ion Ratio Lower Upper
180 100
182 94.7 75.6 113.4
145 32.0 24.5 36.7



#90
Hexachlorobutadiene
Concen: 135.771 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



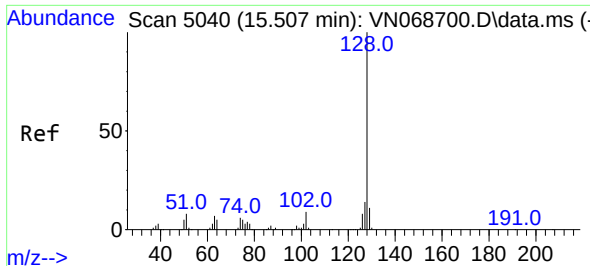
Tgt Ion:225 Resp: 351323
Ion Ratio Lower Upper
225 100
223 63.3 0.0 129.4
227 62.3 0.0 127.0



Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

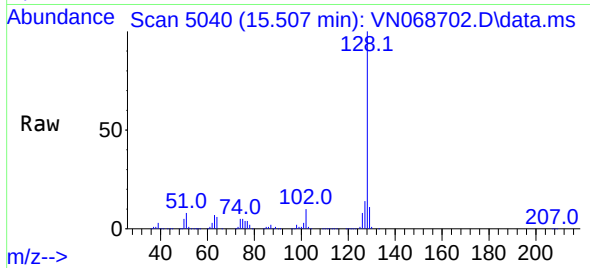
Manual Integrations
APPROVED

MMDadoda
9/28/2021 7:05:42 PM



#91
Naphthalene
Concen: 146.044 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

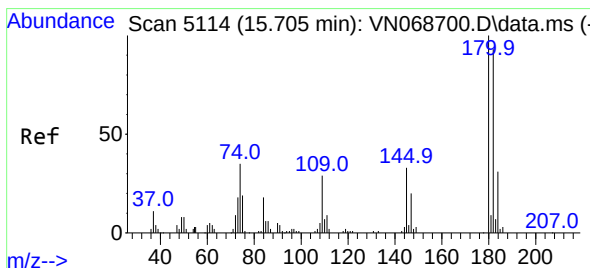
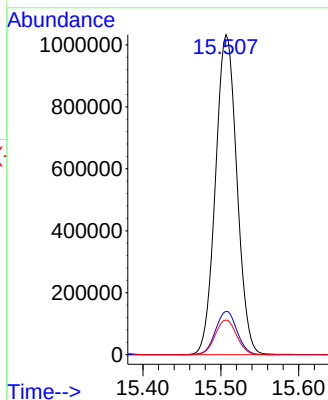
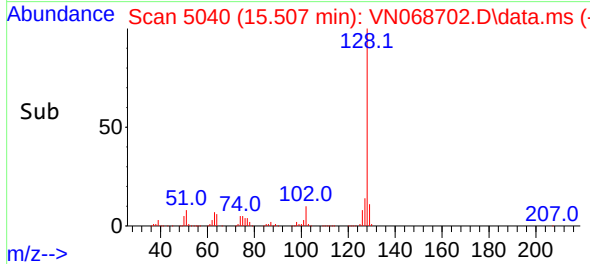


Tgt Ion:128 Resp: 1969235

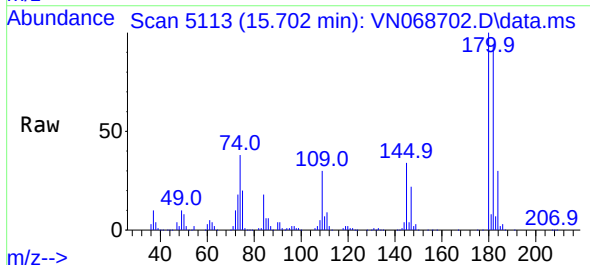
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.9	16.3
129	10.9	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
9/28/2021 7:05:42 PM



#92
1,2,3-Trichlorobenzene
Concen: 123.901 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.003 min
Lab File: VN068702.D
Acq: 27 Sep 2021 13:20



Tgt Ion:180 Resp: 589738

Ion	Ratio	Lower	Upper
180	100		
182	94.0	0.0	190.0
145	33.5	0.0	66.8

