

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061721\
 Data File : VN067388.D
 Acq On : 17 Jun 2021 19:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 6/18/2021 9:13:27 AM

Quant Time: Jun 18 04:44:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 12 09:13:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	62546	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	380884	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	339201	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	199956	30.421	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.400%			
60) 4-Bromofluorobenzene	12.733	95	187782	28.675	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.600%			
63) Toluene-d8	10.443	98	509861	31.518	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.067%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.072	85	89127	19.106	ug/l	96
3) Chloromethane	2.300	50	96436	19.277	ug/l	98
4) Vinyl Chloride	2.443	62	93556	18.943	ug/l	99
5) Bromomethane	2.856	94	50277m	20.282	ug/l	
6) Chloroethane	3.022	64	57476	19.932	ug/l	91
7) Trichlorofluoromethane	3.373	101	129661	19.658	ug/l	94
8) Diethyl Ether	3.821	74	53231	19.804	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.205	101	77446	19.859	ug/l	96
10) 1,1-Dichloroethene	4.175	96	75382	19.897	ug/l	96
11) Methyl Iodide	4.417	142	74527	16.356	ug/l	98
12) Methyl Acetate	4.859	43	118694	21.119	ug/l	96
13) Acrolein	4.041	56	65339	97.420	ug/l	99
14) Acrylonitrile	5.559	53	236023	100.023	ug/l	99
15) Acetone	4.290	58	56895	96.404	ug/l	94
16) Carbon Disulfide	4.527	76	235612	19.615	ug/l	100
17) Allyl chloride	4.838	41	159198	19.313	ug/l	97
18) Methylene Chloride	5.092	84	94614	20.356	ug/l	97
19) trans-1,2-Dichloroethene	5.594	96	82842	20.059	ug/l	93
20) Diisopropyl ether	6.500	45	321708	20.110	ug/l	99
21) 1,1-Dichloroethane	6.388	63	180961	20.425	ug/l	99
22) cis-1,2-Dichloroethene	7.326	96	96586	19.684	ug/l	96
23) tert-Butyl Alcohol	5.387	59	93422	89.322	ug/l #	100
24) Methyl tert-Butyl Ether	5.623	73	309151	19.206	ug/l	97
25) Chloroform	7.820	83	174780	19.268	ug/l	98
26) Cyclohexane	8.096	56	156041	20.324	ug/l #	100
29) 1,1-Dichloropropene	8.222	75	132956	19.498	ug/l	98
30) 2-Butanone	7.343	43	326518	93.301	ug/l	99
31) 2,2-Dichloropropane	7.326	77	147829	20.248	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	155358	17.933	ug/l	97
33) Carbon Tetrachloride	8.206	117	124437	17.089	ug/l	99
34) Benzene	8.461	78	380941	19.865	ug/l	99
35) Methacrylonitrile	7.638	41	73228	19.416	ug/l	96
36) 1,2-Dichloroethane	8.531	62	151768	18.601	ug/l	100
37) Trichloroethene	9.217	130	83537	18.403	ug/l	97
38) Methylcyclohexane	9.461	83	146622	20.883	ug/l	100
39) 1,2-Dichloropropane	9.494	63	102869	19.870	ug/l	95
40) Dibromomethane	9.579	93	66041	18.578	ug/l	99
41) Bromodichloromethane	9.764	83	141765	18.496	ug/l #	98
42) Vinyl Acetate	6.436	43	1425447m	96.779	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061721\
 Data File : VN067388.D
 Acq On : 17 Jun 2021 19:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

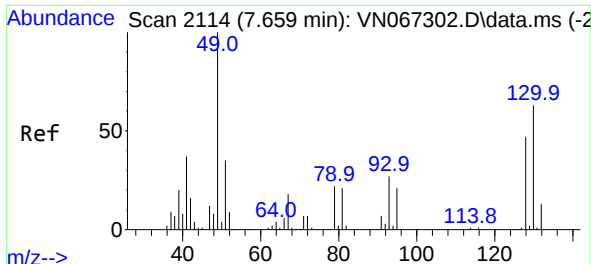
Manual Integrations
 APPROVED

MMDadoda
 6/18/2021 9:13:27 AM

Quant Time: Jun 18 04:44:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 12 09:13:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.418	43	131893	18.525	ug/l #	71
44) Isopropyl Acetate	8.566	43	244993	18.612	ug/l	100
45) 1,4-Dioxane	9.571	88	31488	367.440	ug/l #	91
46) Methyl methacrylate	9.563	41	107234	18.344	ug/l	97
47) n-amyl Acetate	12.390	43	202727	18.162	ug/l	100
48) t-1,3-Dichloropropene	10.722	75	155032	18.314	ug/l	100
49) cis-1,3-Dichloropropene	10.194	75	163966	19.279	ug/l	94
50) 1,1,2-Trichloroethane	10.902	97	88752	19.219	ug/l	95
51) Ethyl methacrylate	10.765	69	159847	18.945	ug/l	98
52) 1,3-Dichloropropane	11.049	76	163852	19.476	ug/l	99
53) Dibromochloromethane	11.242	129	87147	16.969	ug/l	99
54) 1,2-Dibromoethane	11.349	107	86468	17.950	ug/l	100
55) 2-Chloroethyl vinyl ether	10.043	63	208931	97.709	ug/l	99
56) Bromoform	12.462	173	54329	15.587	ug/l #	100
58) 4-Methyl-2-Pentanone	10.336	43	718189	96.327	ug/l	99
59) 2-Hexanone	11.089	43	514337	95.389	ug/l	97
61) Tetrachloroethene	10.979	164	71780	18.257	ug/l	95
62) Toluene	10.510	91	400357	19.721	ug/l	99
64) Chlorobenzene	11.776	112	226141	18.963	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	80435	17.847	ug/l	98
66) Ethyl Benzene	11.848	91	453237	19.227	ug/l	99
67) m/p-Xylenes	11.958	106	313673	37.722	ug/l	99
68) o-Xylene	12.283	106	157318	18.951	ug/l	98
69) Styrene	12.296	104	252623	18.099	ug/l	99
70) Isopropylbenzene	12.580	105	413835	19.353	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	128174	19.701	ug/l	99
72) 1,2,3-Trichloropropane	12.881	75	132558m	20.449	ug/l	
73) Bromobenzene	12.865	156	79699	17.910	ug/l	95
74) n-propylbenzene	12.924	91	499720	19.442	ug/l	98
75) 2-Chlorotoluene	13.010	91	305454	18.769	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.063	105	341074	18.824	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	39291	17.398	ug/l	100
78) 4-Chlorotoluene	13.109	91	299099	18.483	ug/l	98
79) tert-butylbenzene	13.326	119	279469	19.199	ug/l	99
80) 1,2,4-Trimethylbenzene	13.372	105	329749m	18.432	ug/l	
81) sec-Butylbenzene	13.506	105	398423	19.715	ug/l	99
82) p-Isopropyltoluene	13.618	119	305848	18.769	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	143879	17.935	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	142897	17.747	ug/l	97
85) n-Butylbenzene	13.946	91	298805	19.712	ug/l	99
86) Hexachloroethane	14.214	117	60520	18.151	ug/l	90
87) 1,2-Dichlorobenzene	13.991	146	140925	17.999	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	28719	17.429	ug/l	98
89) 1,2,4-Trichlorobenzene	15.268	180	69022	17.333	ug/l	99
90) Hexachlorobutadiene	15.372	225	36155	17.103	ug/l	95
91) Naphthalene	15.509	128	240287	17.975	ug/l	99
92) 1,2,3-Trichlorobenzene	15.705	180	69340	17.905	ug/l	99

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



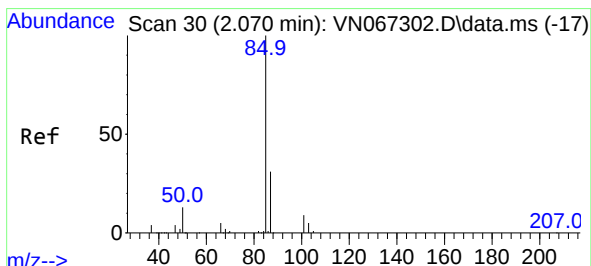
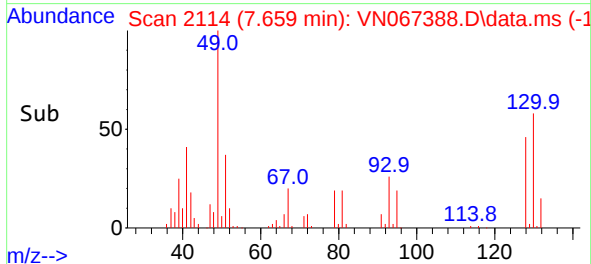
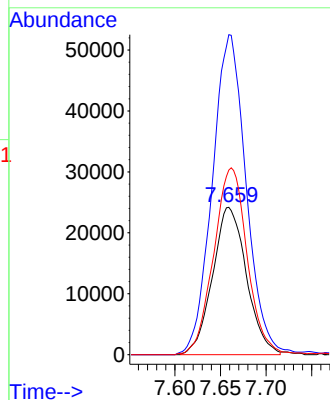
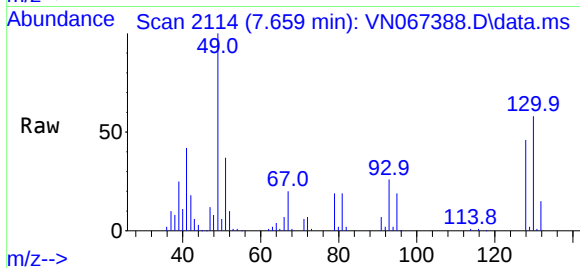
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion:128 Resp: 62546
Ion Ratio Lower Upper
128 100
49 216.8 0.0 517.5
130 125.4 0.0 325.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

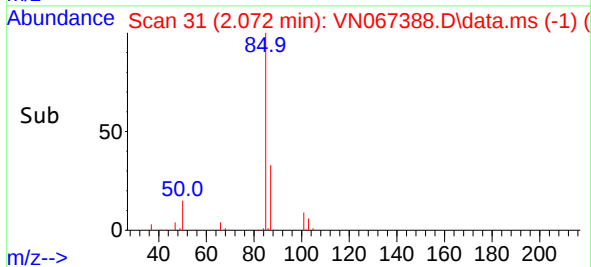
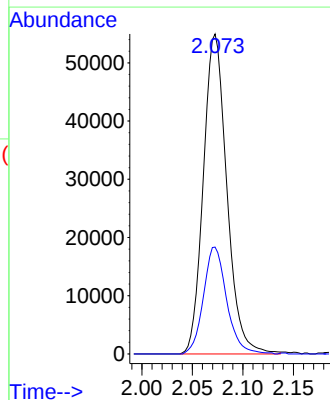
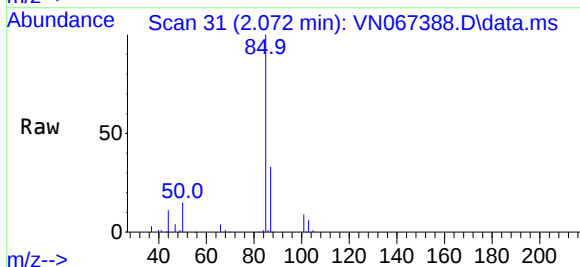
Manual Integrations
APPROVED

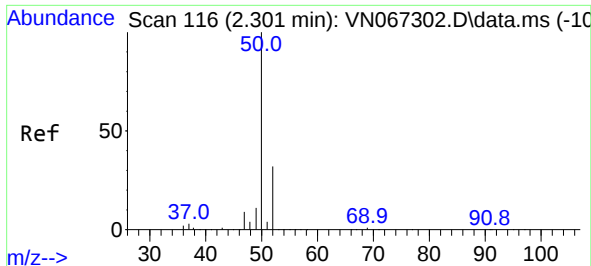
MMDadoda
6/18/2021 9:13:27 AM



#2
Dichlorodifluoromethane
Concen: 19.106 ug/l
RT: 2.072 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 85 Resp: 89127
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.0





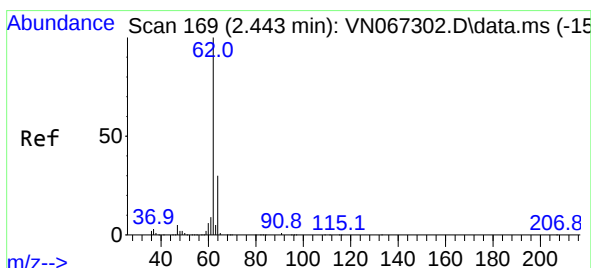
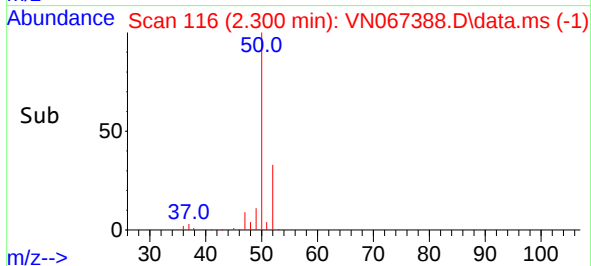
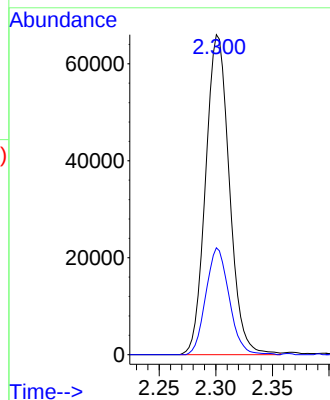
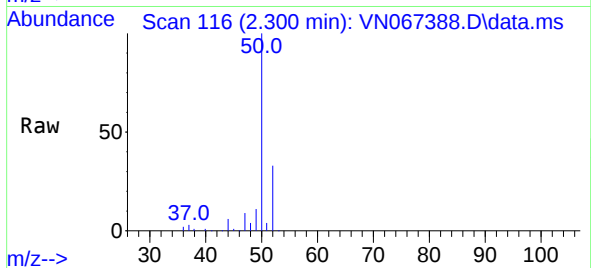
#3
Chloromethane
Concen: 19.277 ug/l
RT: 2.300 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 50 Resp: 96436
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

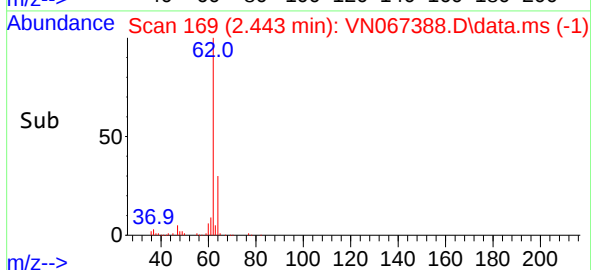
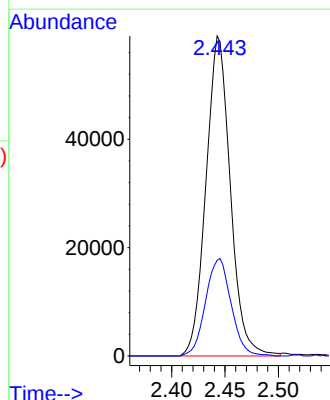
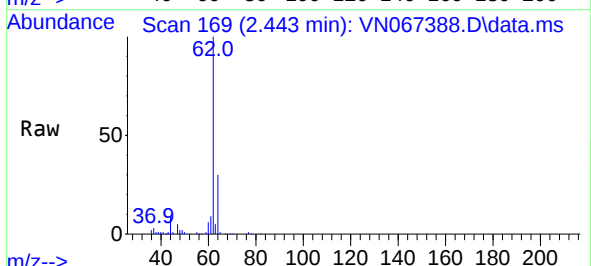
Manual Integrations
APPROVED

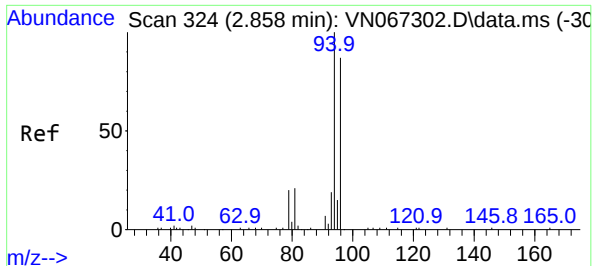
MMDadoda
6/18/2021 9:13:27 AM



#4
Vinyl Chloride
Concen: 18.943 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

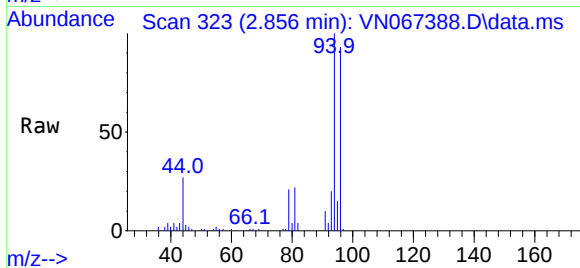
Tgt Ion: 62 Resp: 93556
Ion Ratio Lower Upper
62 100
64 29.9 23.7 35.5





#5
Bromomethane
Concen: 20.282 ug/l m
RT: 2.856 min Scan# 323
Delta R.T. -0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

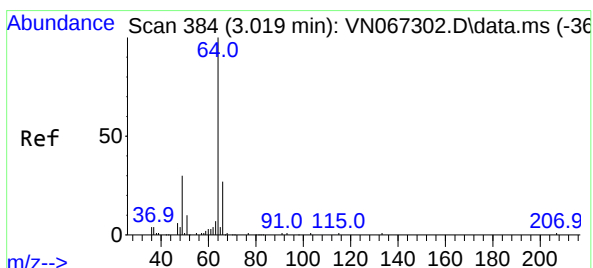
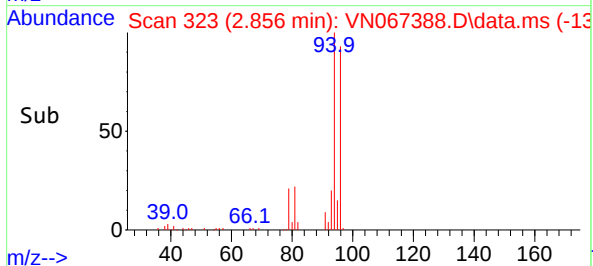
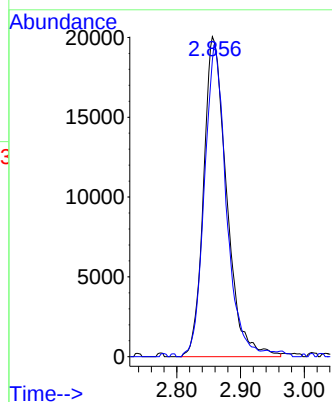
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 50277
Ion Ratio Lower Upper
94 100
96 92.6 69.4 104.2

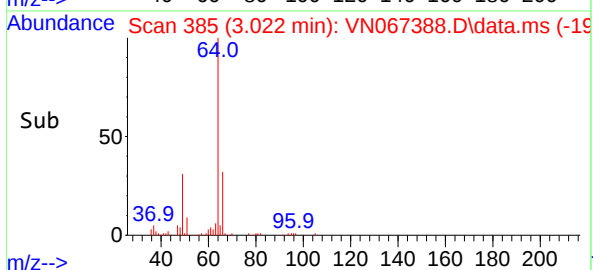
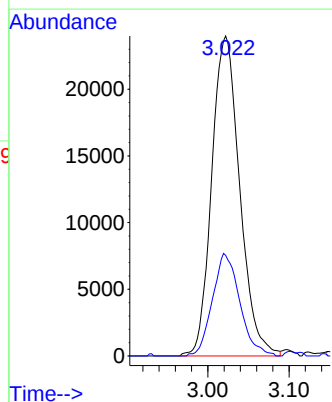
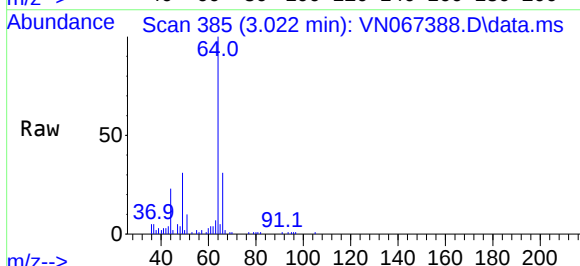
Manual Integrations
APPROVED

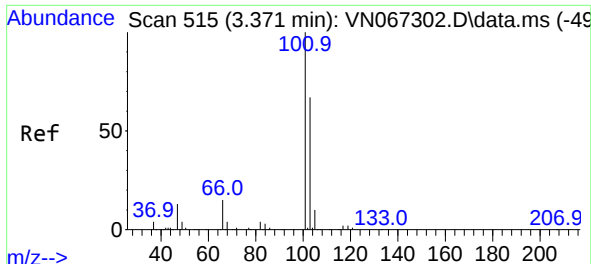
MMDadoda
6/18/2021 9:13:27 AM



#6
Chloroethane
Concen: 19.932 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 64 Resp: 57476
Ion Ratio Lower Upper
64 100
66 31.5 21.5 32.3





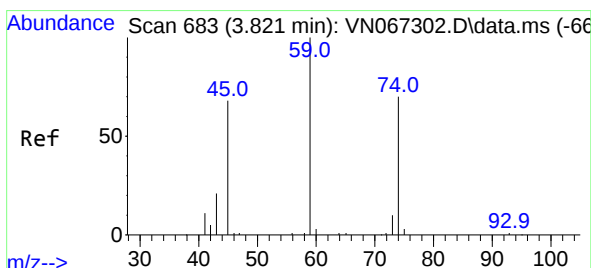
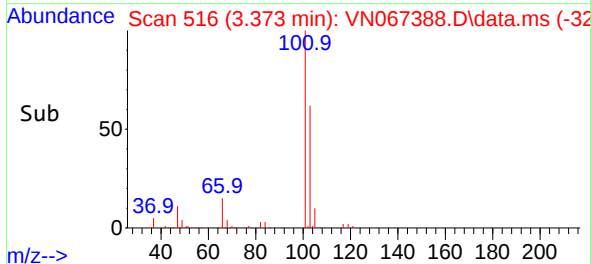
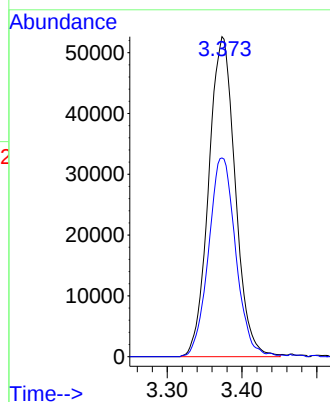
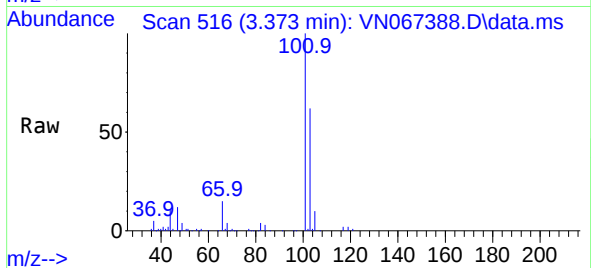
#7
Trichlorofluoromethane
Concen: 19.658 ug/l
RT: 3.373 min Scan# 516
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 129661
Ion Ratio Lower Upper
101 100
103 62.1 53.7 80.5

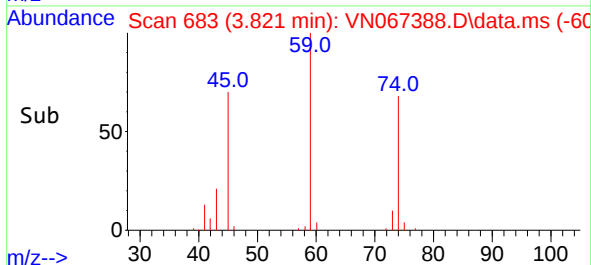
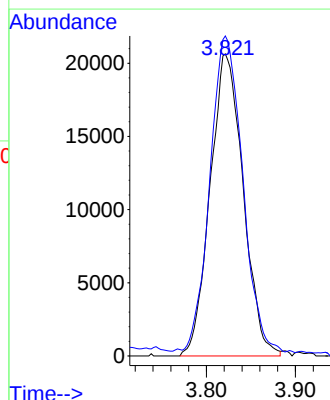
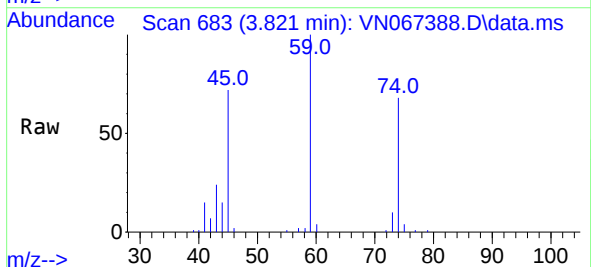
Manual Integrations
APPROVED

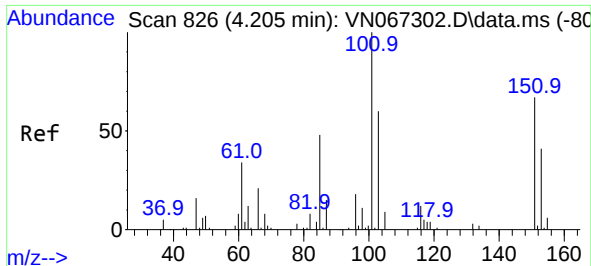
MMDadoda
6/18/2021 9:13:27 AM



#8
Diethyl Ether
Concen: 19.804 ug/l
RT: 3.821 min Scan# 683
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 74 Resp: 53231
Ion Ratio Lower Upper
74 100
45 103.1 20.3 182.5





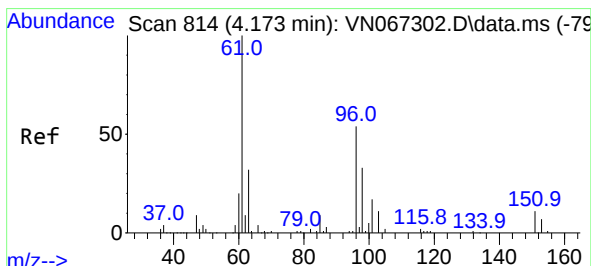
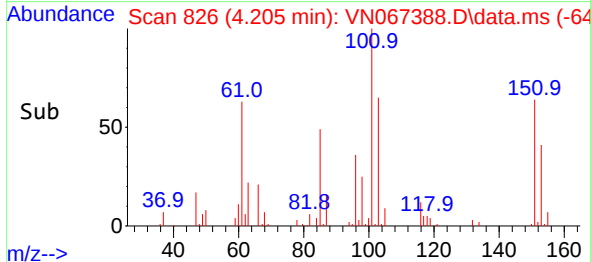
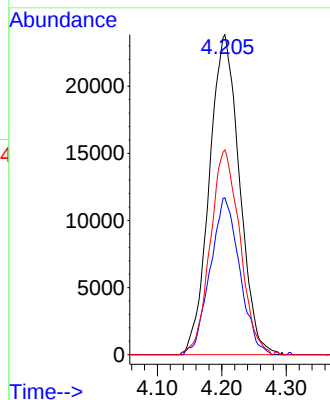
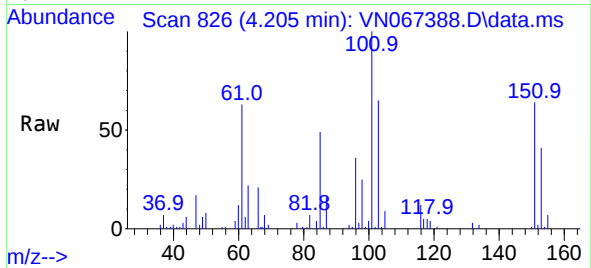
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.859 ug/l
RT: 4.205 min Scan# 826
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 101 Resp: 77446
Ion Ratio Lower Upper
101 100
85 47.9 0.0 97.8
151 62.9 0.0 135.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

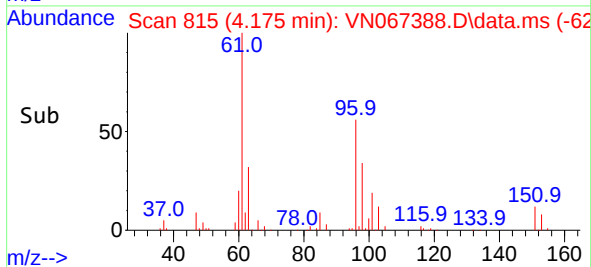
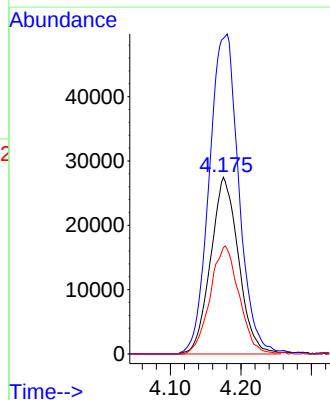
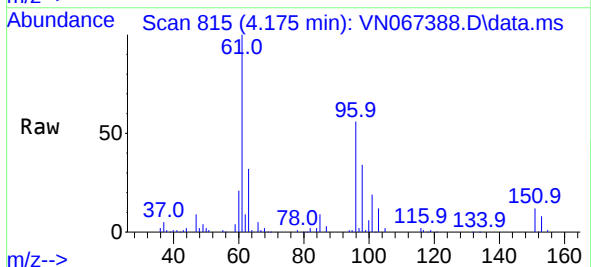
Manual Integrations
APPROVED

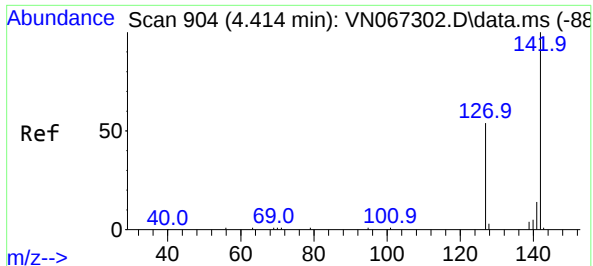
MMDadoda
6/18/2021 9:13:27 AM



#10
1,1-Dichloroethene
Concen: 19.897 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

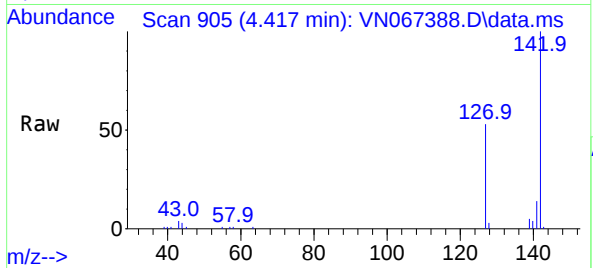
Tgt Ion: 96 Resp: 75382
Ion Ratio Lower Upper
96 100
61 177.6 148.3 222.5
98 60.2 48.6 73.0





#11
Methyl Iodide
Concen: 16.356 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

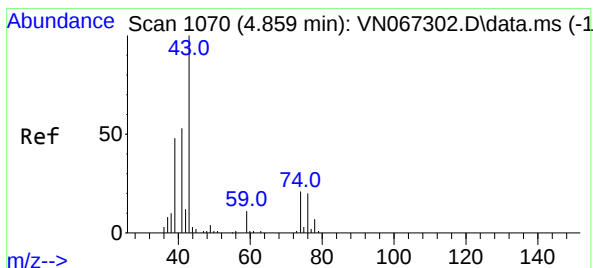
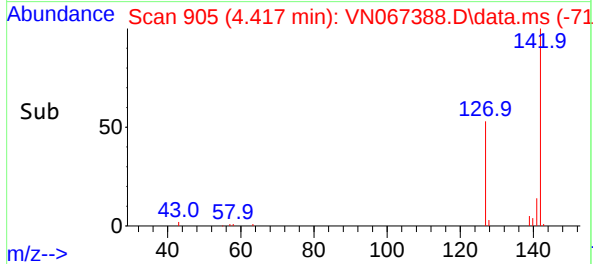
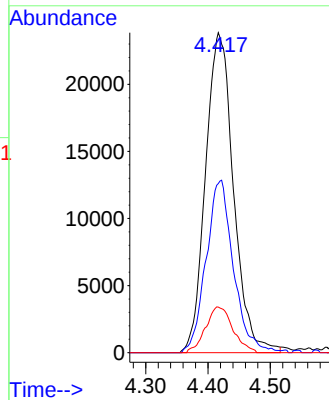
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 74527
Ion Ratio Lower Upper
142 100
127 53.0 27.2 81.5
141 14.4 6.9 20.7

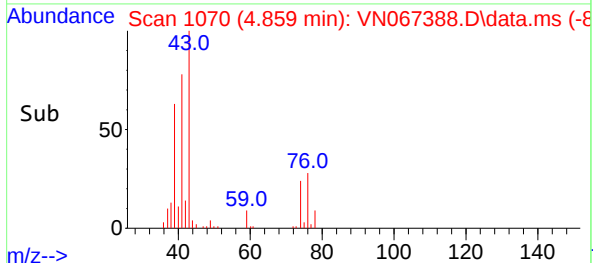
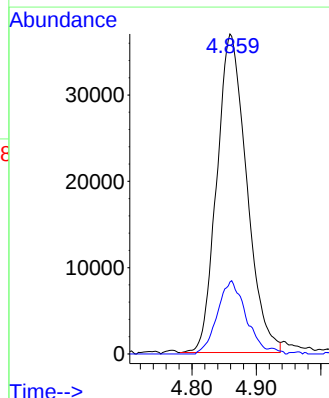
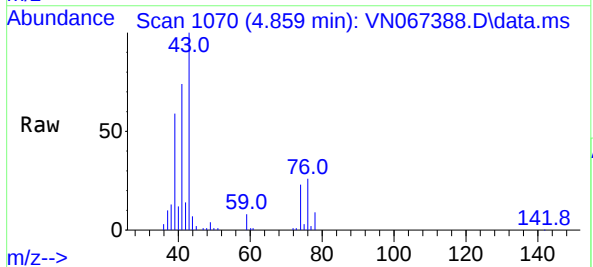
Manual Integrations
APPROVED

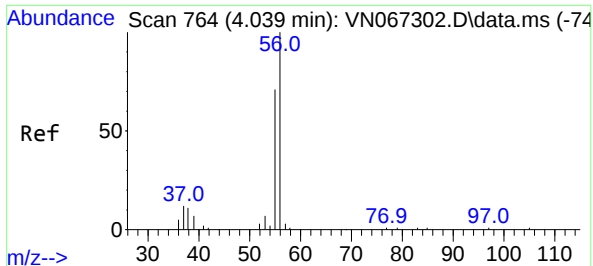
MMDadoda
6/18/2021 9:13:27 AM



#12
Methyl Acetate
Concen: 21.119 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 43 Resp: 118694
Ion Ratio Lower Upper
43 100
74 22.5 16.6 25.0





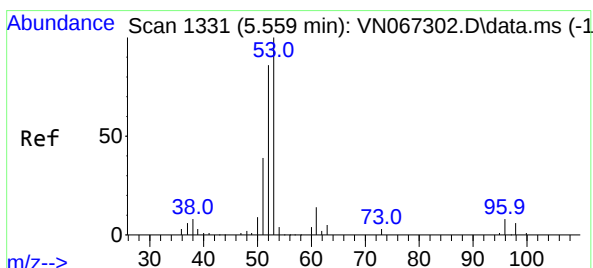
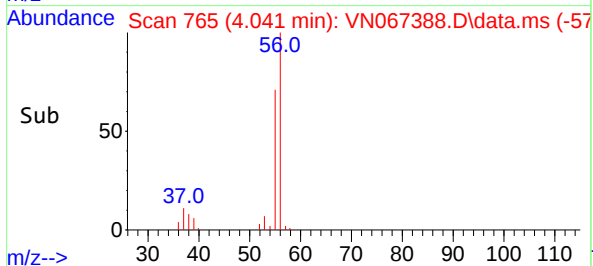
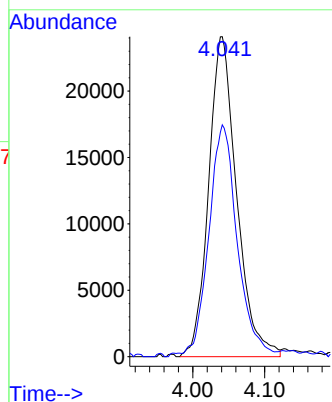
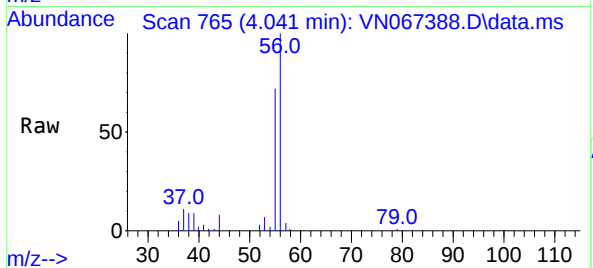
#13
Acrolein
Concen: 97.420 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 56 Resp: 65339
Ion Ratio Lower Upper
56 100
55 71.3 57.5 86.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

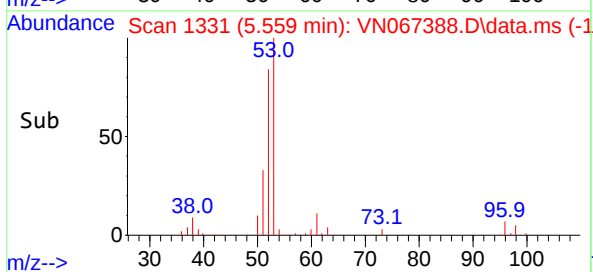
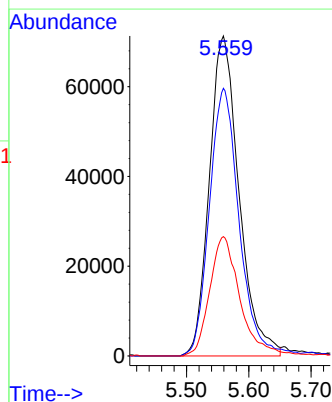
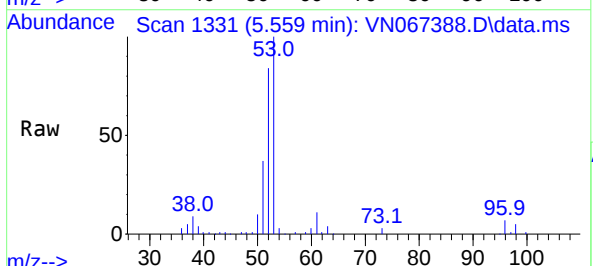
Manual Integrations
APPROVED

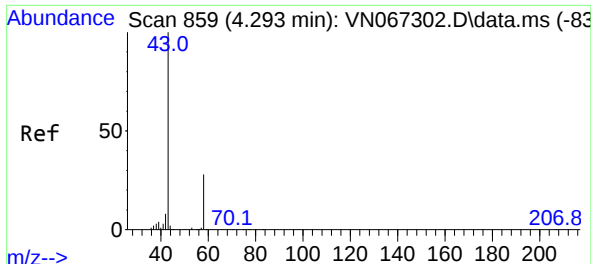
MMDadoda
6/18/2021 9:13:27 AM



#14
Acrylonitrile
Concen: 100.023 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

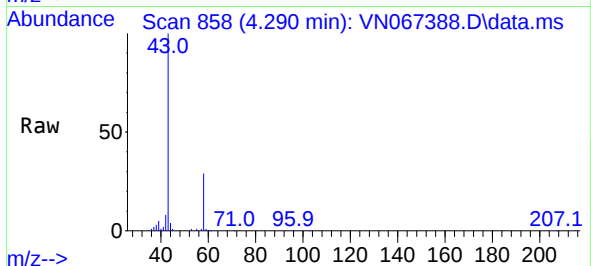
Tgt Ion: 53 Resp: 236023
Ion Ratio Lower Upper
53 100
52 83.8 41.8 125.4
51 37.9 18.1 54.3





#15
Acetone
Concen: 96.404 ug/l
RT: 4.290 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

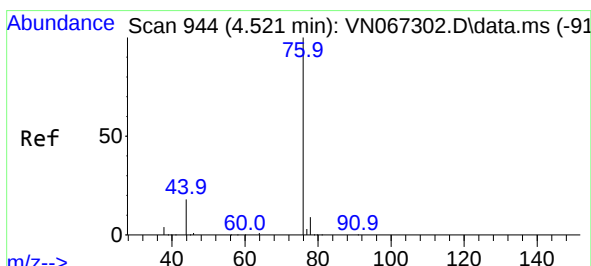
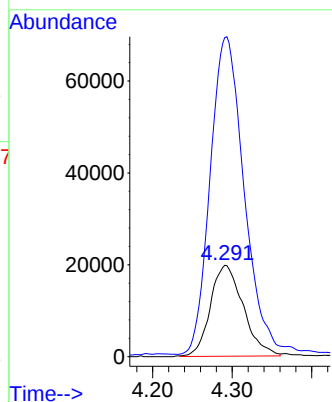
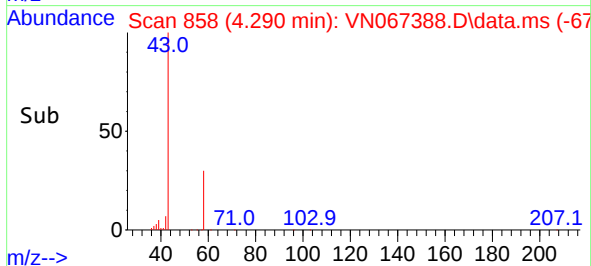
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



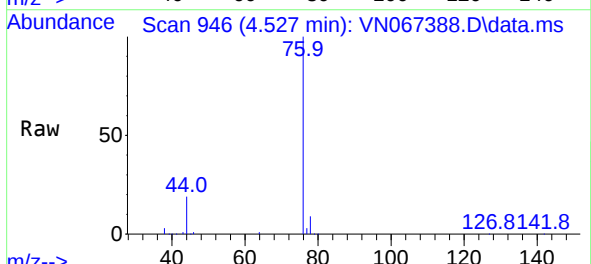
Tgt Ion: 58 Resp: 56895
Ion Ratio Lower Upper
58 100
43 349.0 289.6 434.4

Manual Integrations
APPROVED

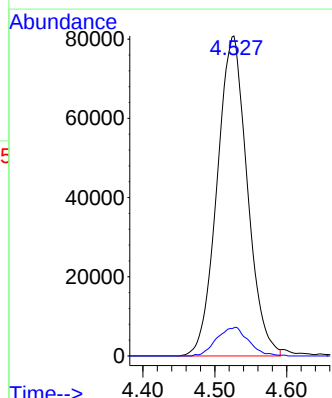
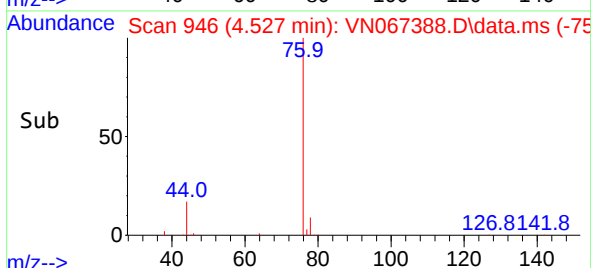
MMDadoda
6/18/2021 9:13:27 AM

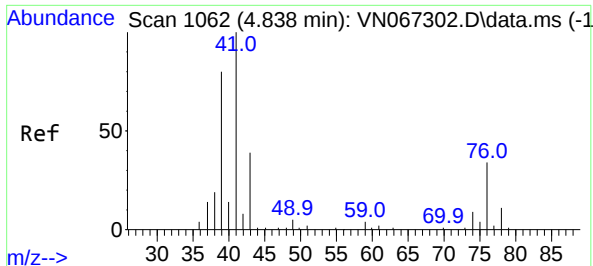


#16
Carbon Disulfide
Concen: 19.615 ug/l
RT: 4.527 min Scan# 946
Delta R.T. 0.005 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



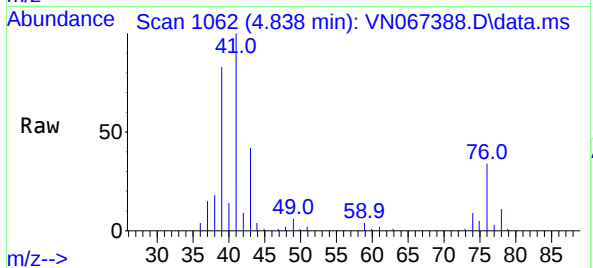
Tgt Ion: 76 Resp: 235612
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4





#17
Allyl chloride
Concen: 19.313 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

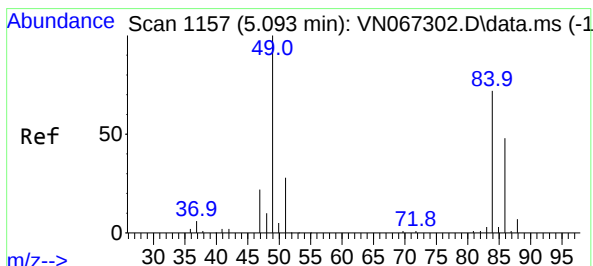
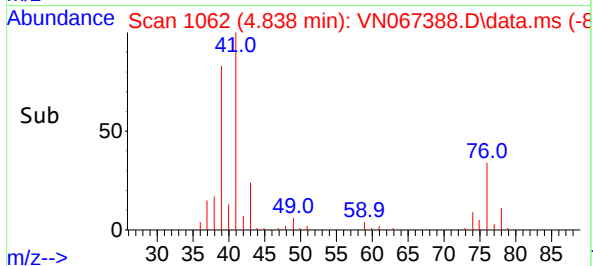
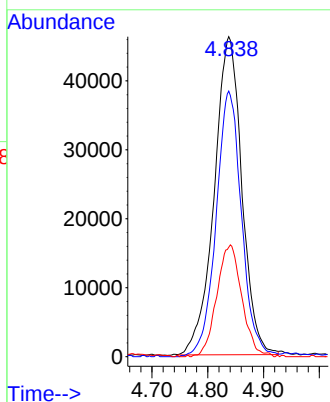
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



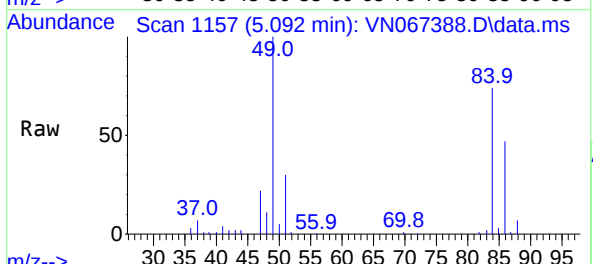
Tgt Ion:	41	Resp:	159198
Ion	Ratio	Lower	Upper
41	100		
39	83.6	39.8	119.4
76	34.1	16.8	50.4

Manual Integrations
APPROVED

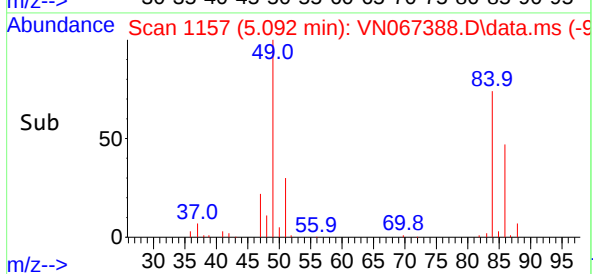
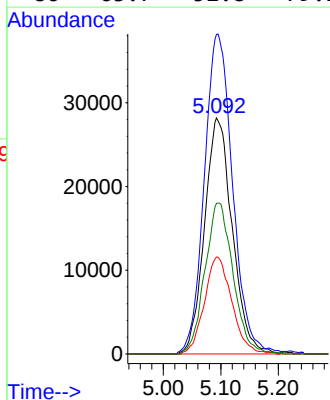
MMDadoda
6/18/2021 9:13:27 AM

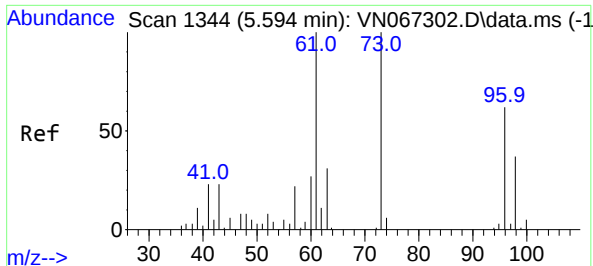


#18
Methylene Chloride
Concen: 20.356 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

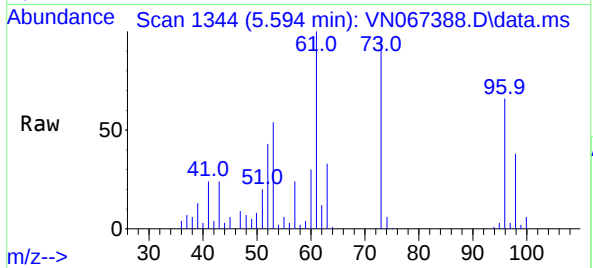


Tgt Ion:	84	Resp:	94614
Ion	Ratio	Lower	Upper
84	100		
49	134.6	110.9	166.3
51	41.1	31.2	46.8
86	63.7	52.8	79.2



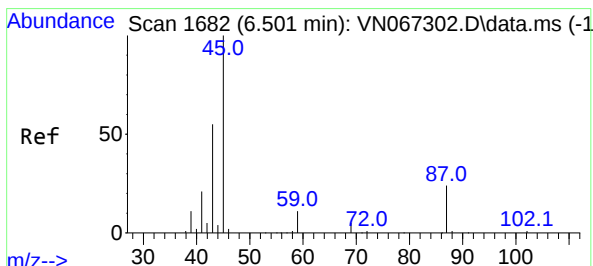
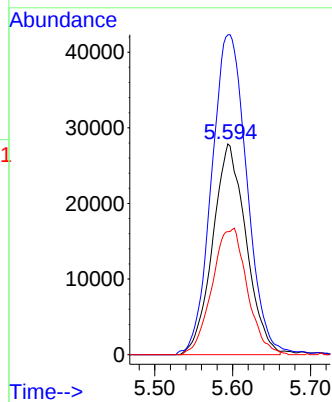
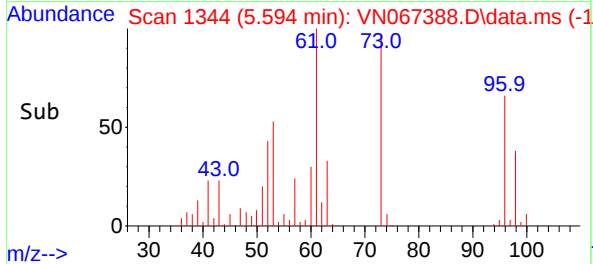


#19
trans-1,2-Dichloroethene
Concen: 20.059 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

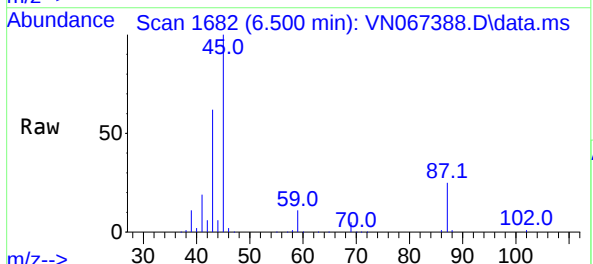


Tgt Ion: 96 Resp: 82842

Ion	Ratio	Lower	Upper
96	100		
61	150.1	129.3	193.9
98	58.4	48.0	72.0

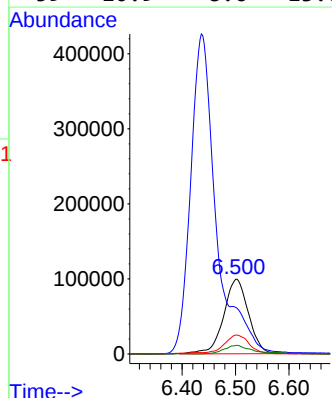
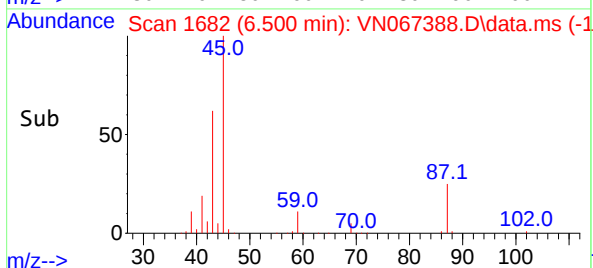


#20
Diisopropyl ether
Concen: 20.110 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



Tgt Ion: 45 Resp: 321708

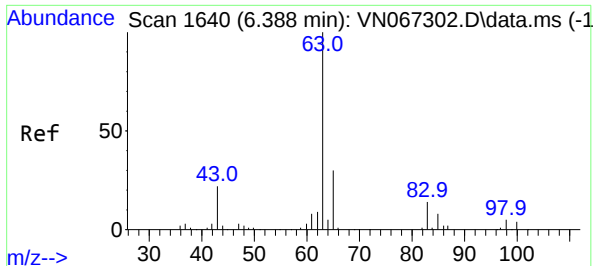
Ion	Ratio	Lower	Upper
45	100		
43	59.6	48.1	72.1
87	25.1	19.8	29.6
59	10.9	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
6/18/2021 9:13:27 AM



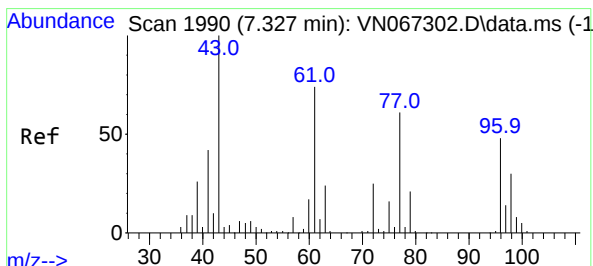
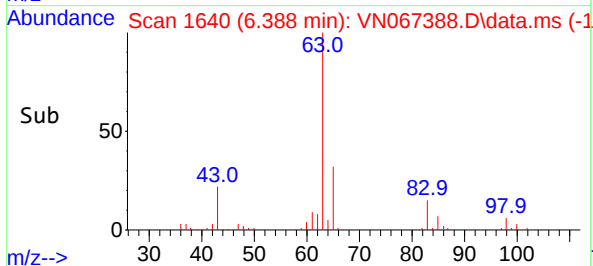
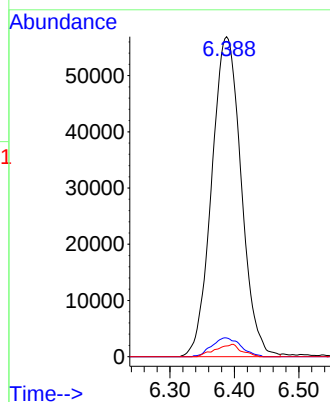
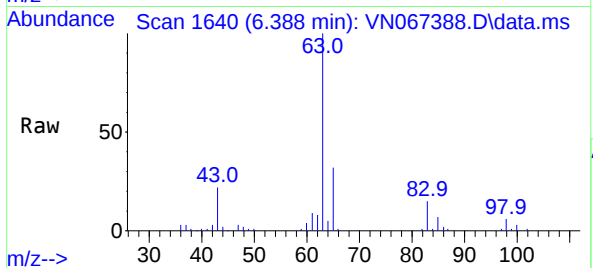
#21
1,1-Dichloroethane
Concen: 20.425 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 63 Resp: 180961
Ion Ratio Lower Upper
63 100
98 5.8 2.7 8.1
100 3.4 1.8 5.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

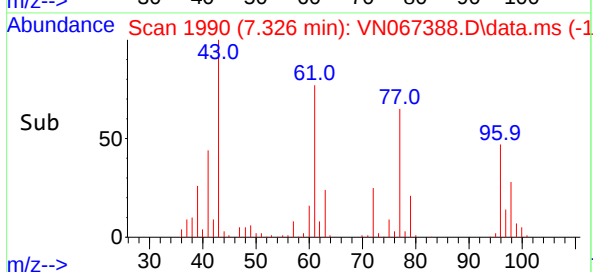
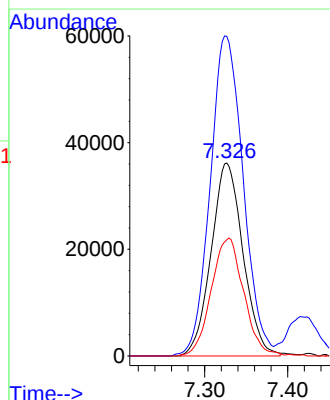
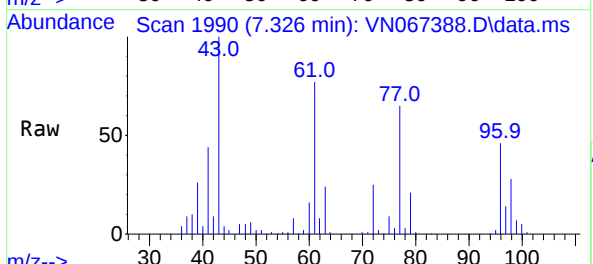
Manual Integrations
APPROVED

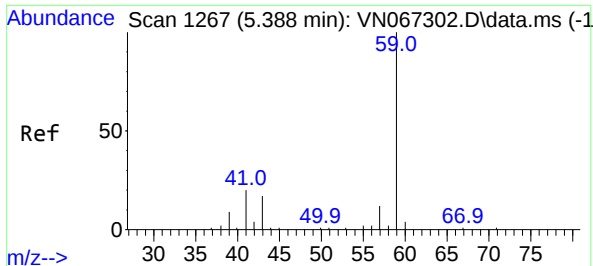
MMDadoda
6/18/2021 9:13:27 AM



#22
cis-1,2-Dichloroethene
Concen: 19.684 ug/l
RT: 7.326 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 96 Resp: 96586
Ion Ratio Lower Upper
96 100
61 171.3 131.2 196.8
98 62.1 50.7 76.1





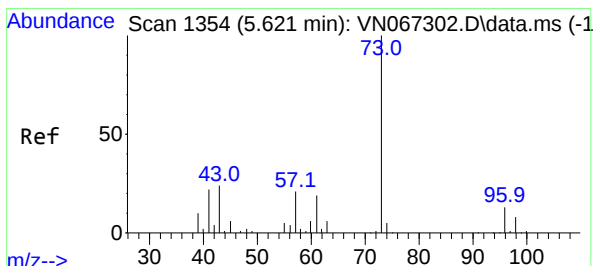
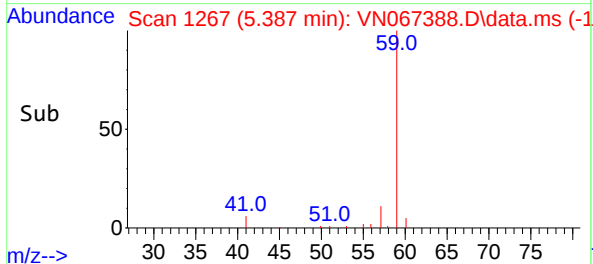
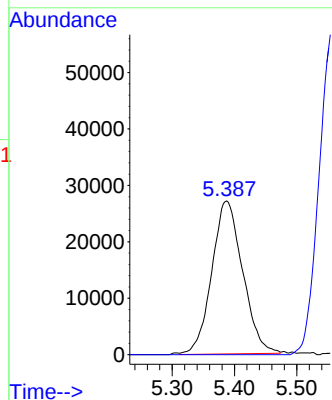
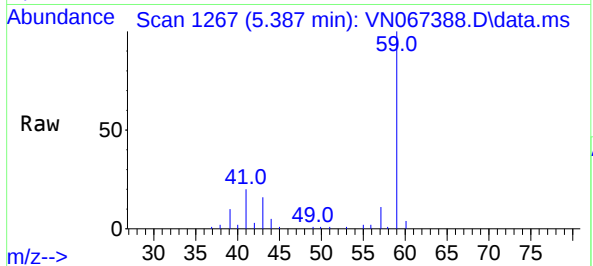
#23
tert-Butyl Alcohol
Concen: 89.322 ug/l
RT: 5.387 min Scan# 1267
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 59 Resp: 93422
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

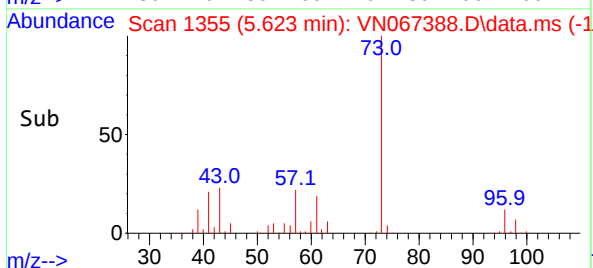
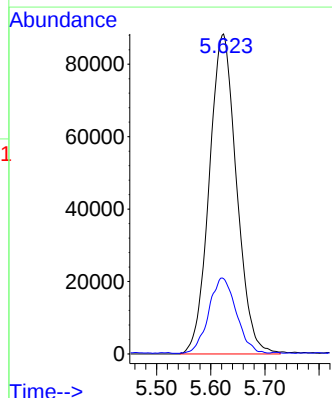
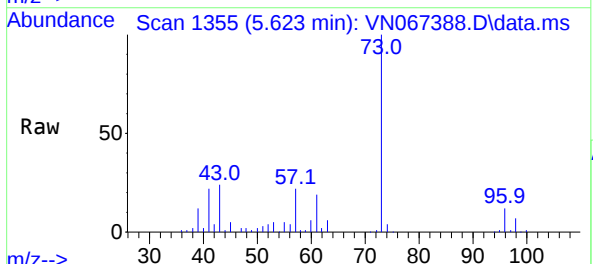
Manual Integrations
APPROVED

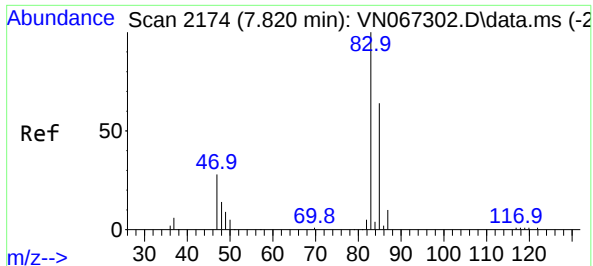
MMDadoda
6/18/2021 9:13:27 AM



#24
Methyl tert-Butyl Ether
Concen: 19.206 ug/l
RT: 5.623 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 73 Resp: 309151
Ion Ratio Lower Upper
73 100
43 23.5 20.0 30.0





#25

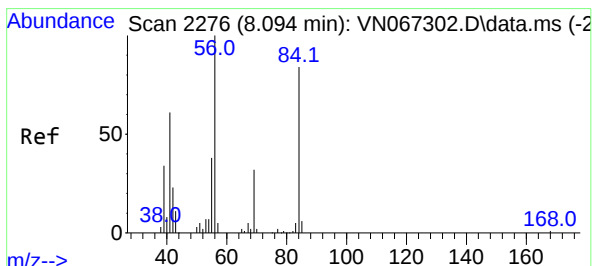
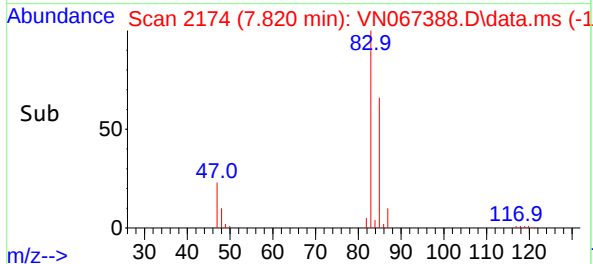
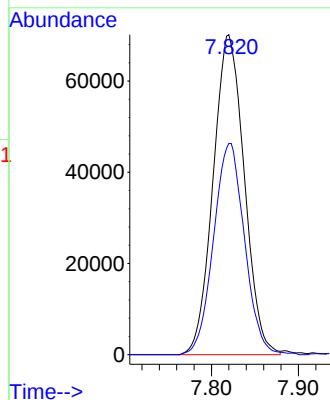
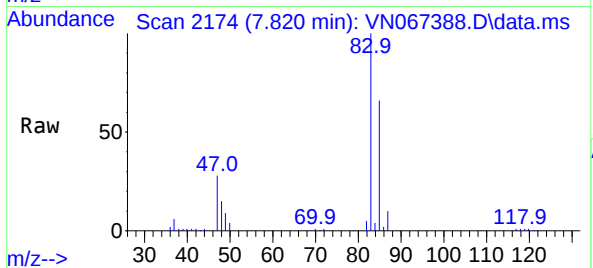
Chloroform
Concen: 19.268 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 83 Resp: 174780
Ion Ratio Lower Upper
83 100
85 66.0 51.5 77.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

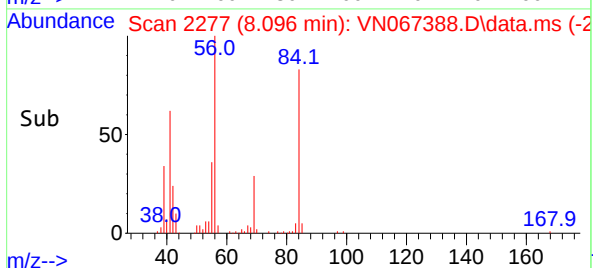
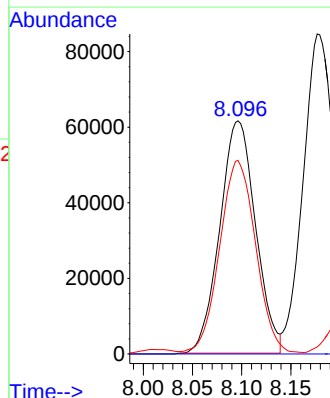
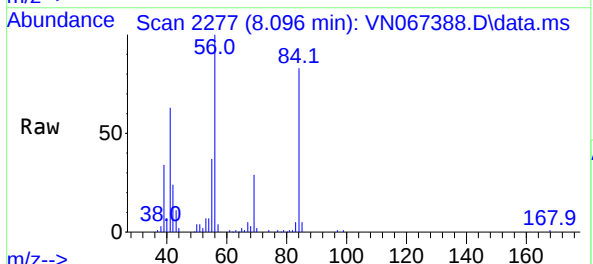
MMDadoda
6/18/2021 9:13:27 AM

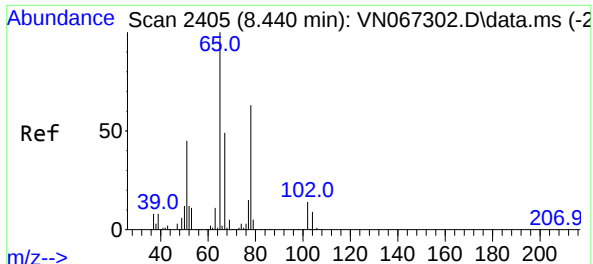


#26

Cyclohexane
Concen: 20.324 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

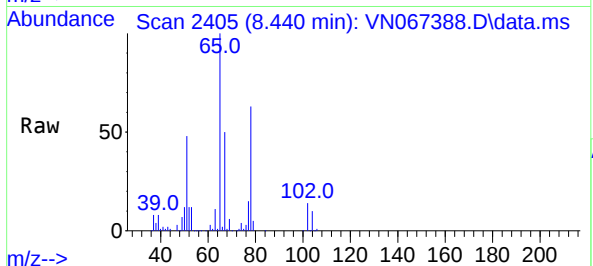
Tgt Ion: 56 Resp: 156041
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.8 66.2 99.2





#27
1,2-Dichloroethane-d4
Concen: 30.421 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

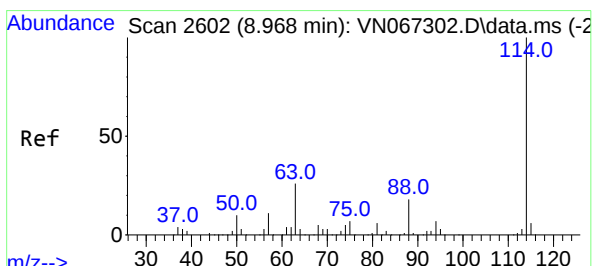
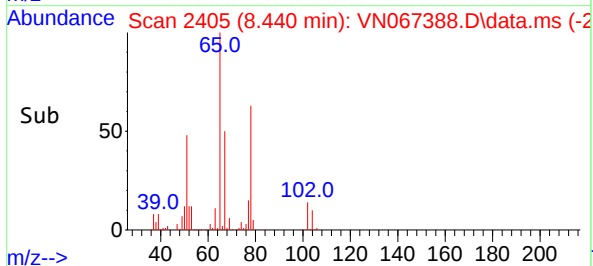
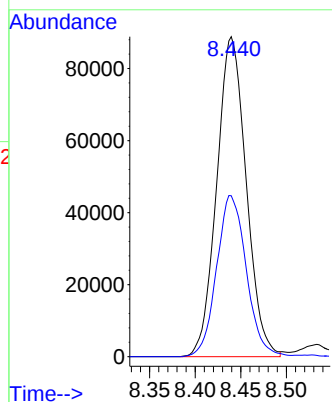
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



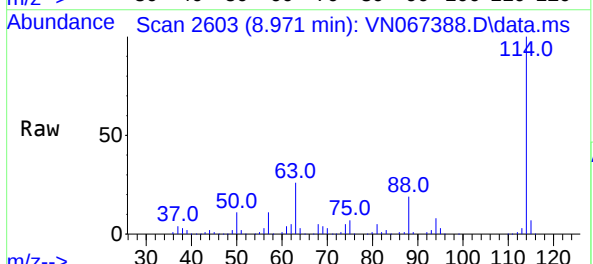
Tgt Ion: 65 Resp: 199956
Ion Ratio Lower Upper
65 100
67 50.8 39.8 59.8

Manual Integrations
APPROVED

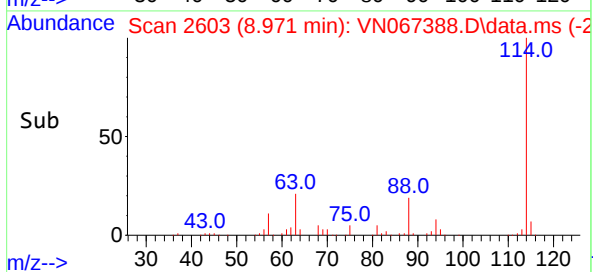
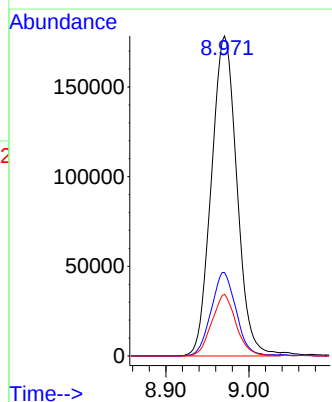
MMDadoda
6/18/2021 9:13:27 AM

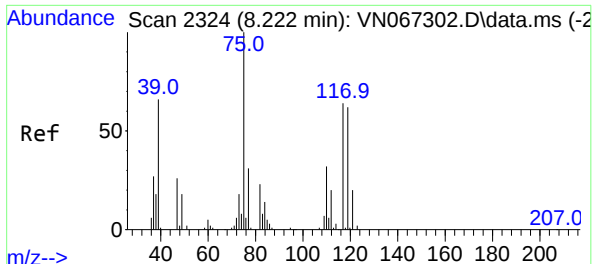


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



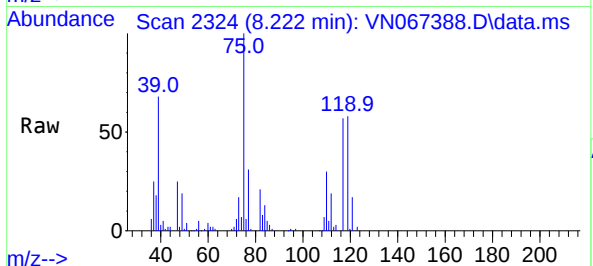
Tgt Ion: 114 Resp: 380884
Ion Ratio Lower Upper
114 100
63 25.5 20.3 30.5
88 18.4 14.6 22.0





#29
1,1-Dichloropropene
Concen: 19.498 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

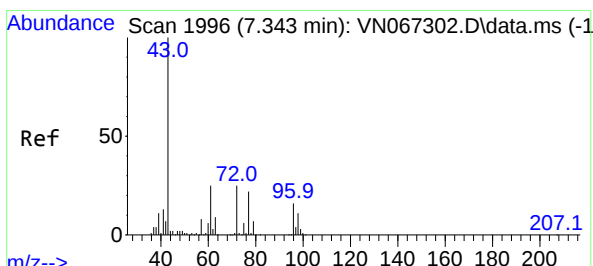
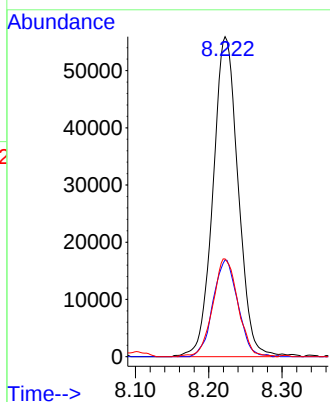
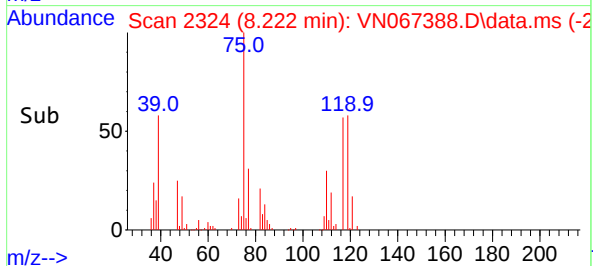
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



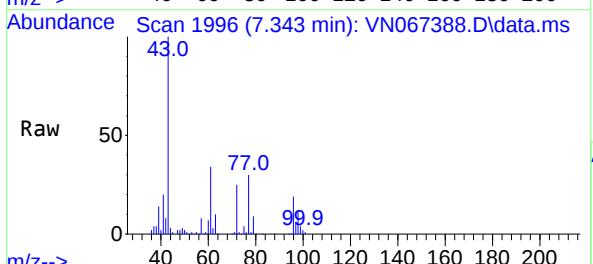
Tgt Ion: 75 Resp: 132956
Ion Ratio Lower Upper
75 100
110 29.8 0.0 63.4
77 30.6 0.0 63.0

Manual Integrations
APPROVED

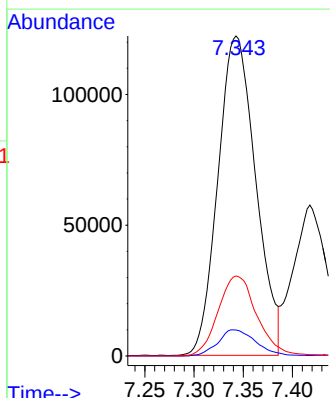
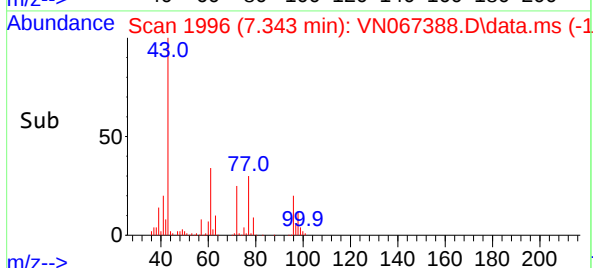
MMDadoda
6/18/2021 9:13:27 AM

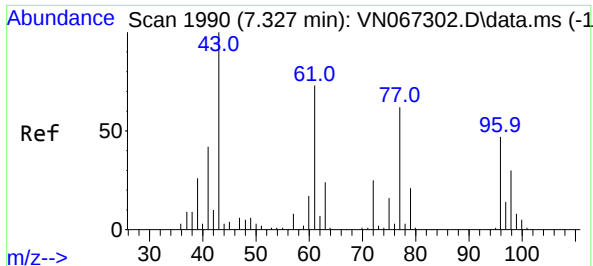


#30
2-Butanone
Concen: 93.301 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



Tgt Ion: 43 Resp: 326518
Ion Ratio Lower Upper
43 100
57 8.3 6.9 10.3
72 25.7 20.0 30.0





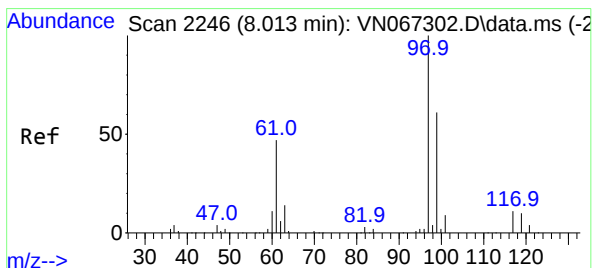
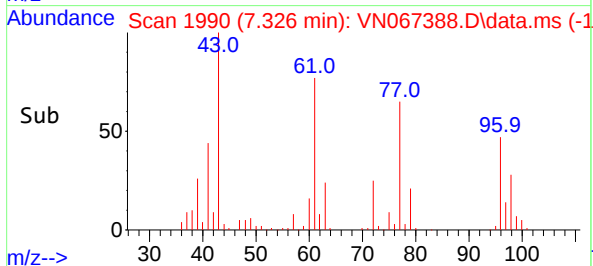
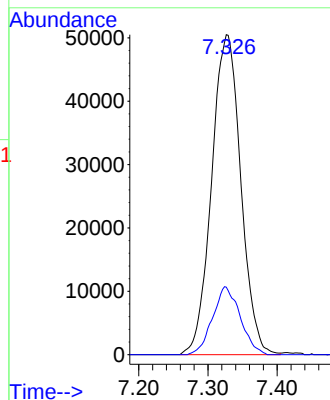
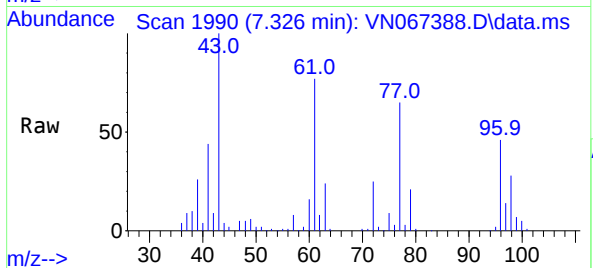
#31
2,2-Dichloropropane
Concen: 20.248 ug/l
RT: 7.326 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 77 Resp: 147829
Ion Ratio Lower Upper
77 100
97 20.1 16.3 24.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

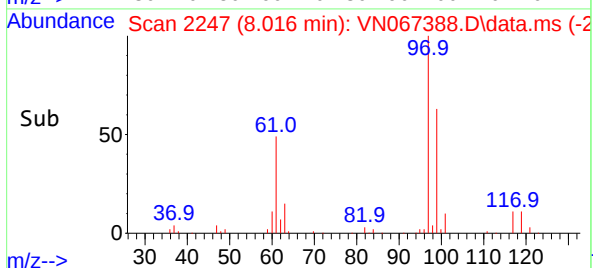
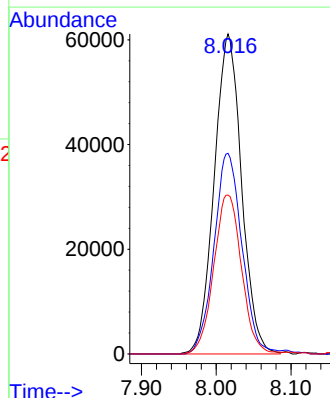
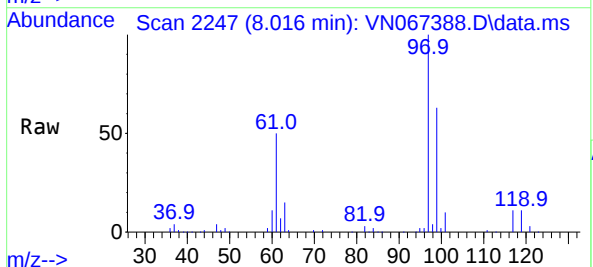
Manual Integrations
APPROVED

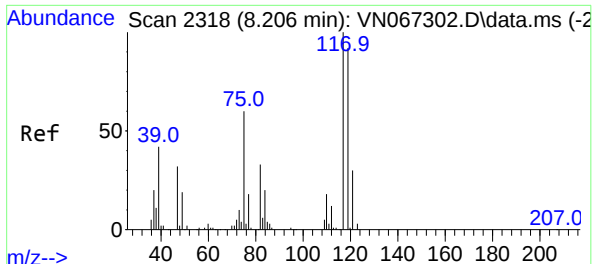
MMDadoda
6/18/2021 9:13:27 AM



#32
1,1,1-Trichloroethane
Concen: 17.933 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

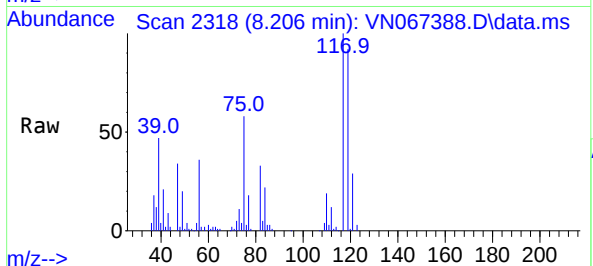
Tgt Ion: 97 Resp: 155358
Ion Ratio Lower Upper
97 100
99 64.2 49.7 74.5
61 50.5 38.0 57.0





#33
Carbon Tetrachloride
Concen: 17.089 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

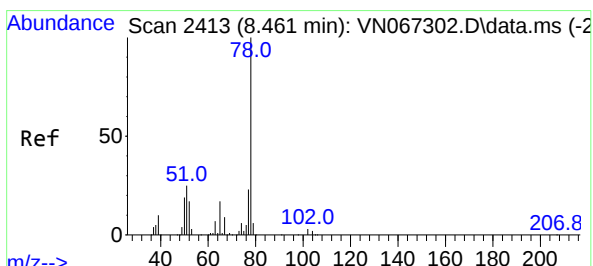
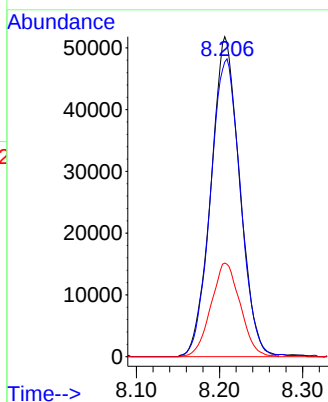
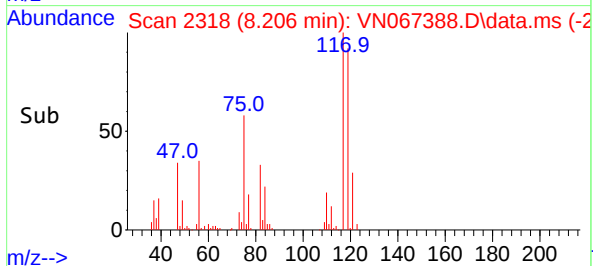
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



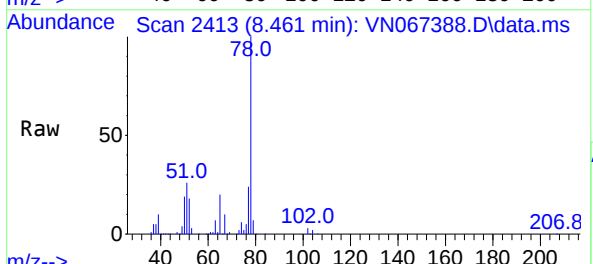
Tgt Ion:117 Resp: 124437
Ion Ratio Lower Upper
117 100
119 92.1 73.3 109.9
121 29.3 24.2 36.4

Manual Integrations
APPROVED

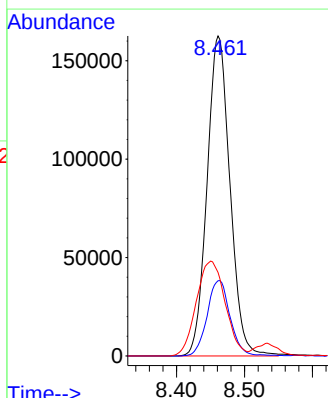
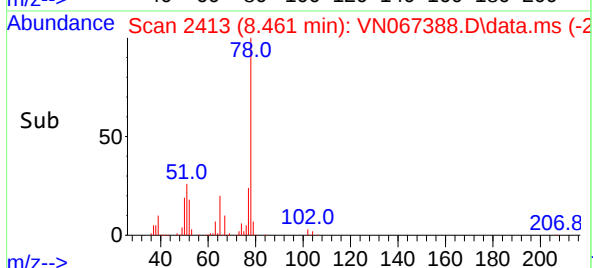
MMDadoda
6/18/2021 9:13:27 AM

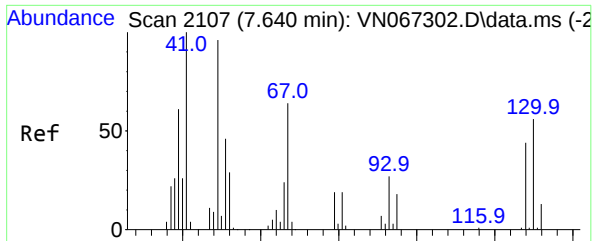


#34
Benzene
Concen: 19.865 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

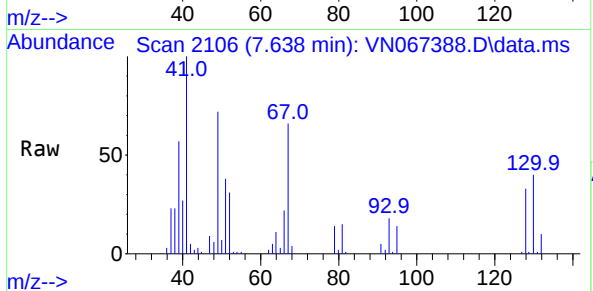


Tgt Ion: 78 Resp: 380941
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0
51 25.3 20.0 30.0



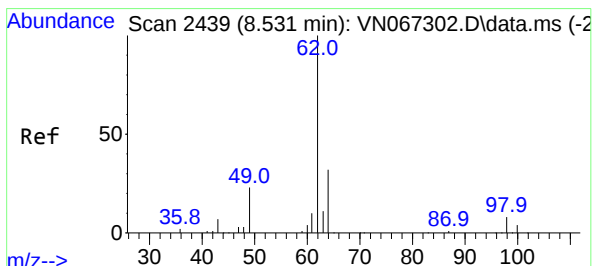
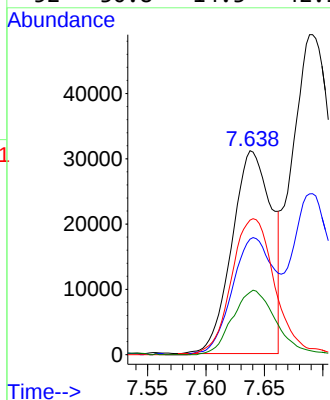
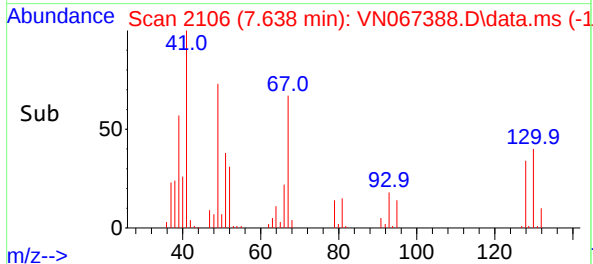


#35
Methacrylonitrile
Concen: 19.416 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

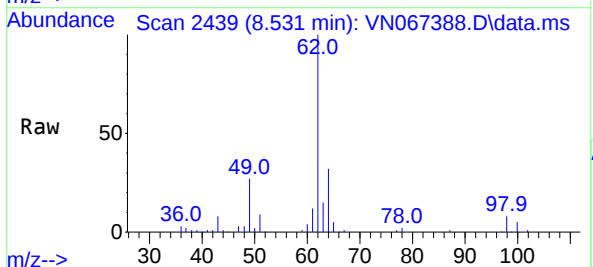


Tgt Ion: 41 Resp: 73228

Ion	Ratio	Lower	Upper
41	100		
39	57.0	30.3	90.9
67	66.3	32.1	96.3
52	30.8	14.3	42.9

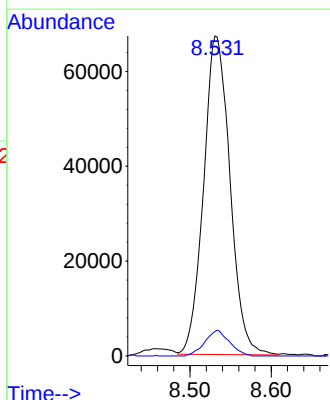
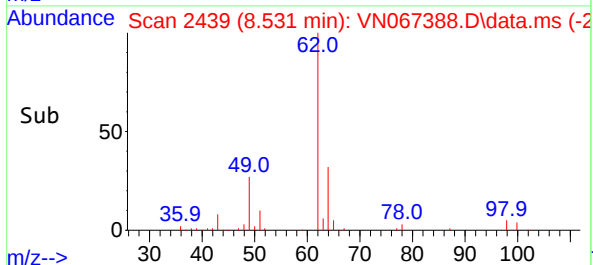


#36
1,2-Dichloroethane
Concen: 18.601 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



Tgt Ion: 62 Resp: 151768

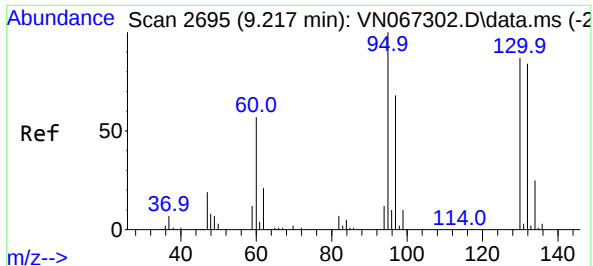
Ion	Ratio	Lower	Upper
62	100		
98	7.5	6.0	9.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
6/18/2021 9:13:27 AM



#37

Trichloroethene

Concen: 18.403 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.000 min

Lab File: VN067388.D

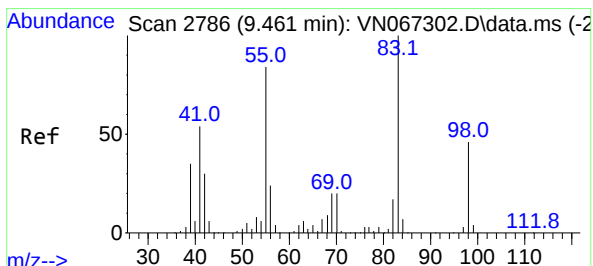
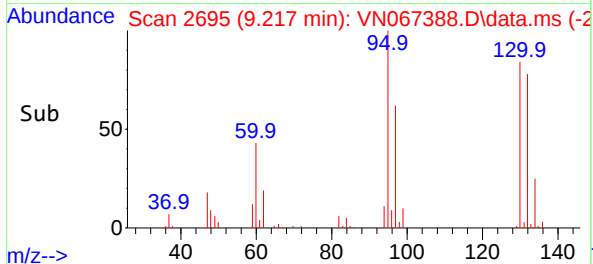
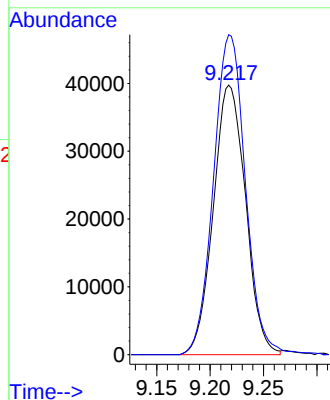
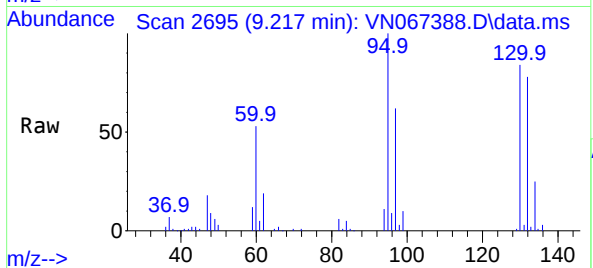
Acq: 17 Jun 2021 19:52

Tgt Ion:130 Resp: 83537

Ion Ratio Lower Upper

130 100

95 118.7 92.2 138.2



#38

Methylcyclohexane

Concen: 20.883 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. -0.000 min

Lab File: VN067388.D

Acq: 17 Jun 2021 19:52

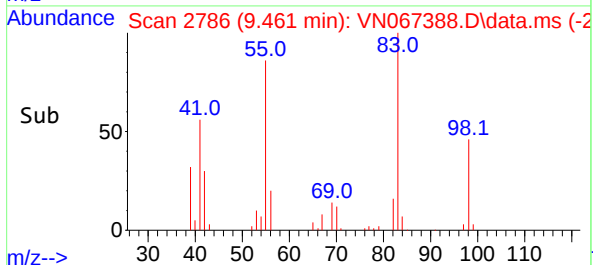
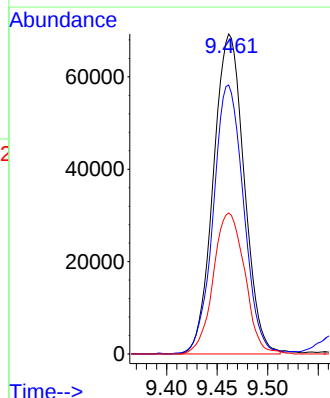
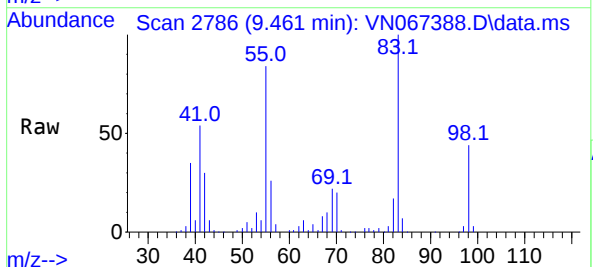
Tgt Ion: 83 Resp: 146622

Ion Ratio Lower Upper

83 100

55 83.1 41.5 124.6

98 45.0 22.4 67.0



Instrument :

MSVOA_N

ClientSampleId :

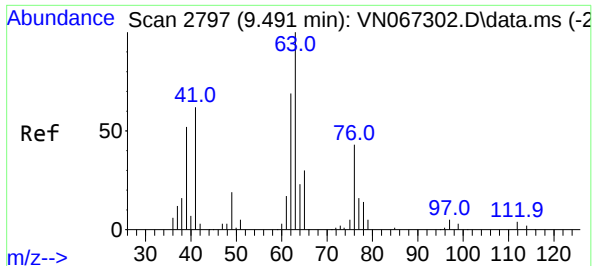
VSTDCCC020EC

Manual Integrations

APPROVED

MMDadoda

6/18/2021 9:13:27 AM



#39

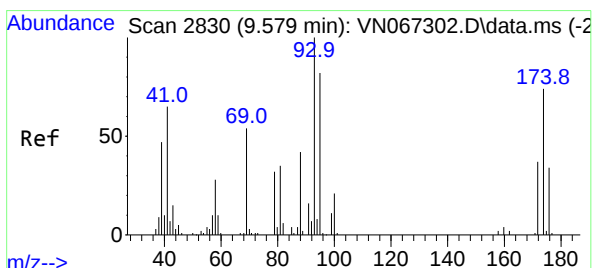
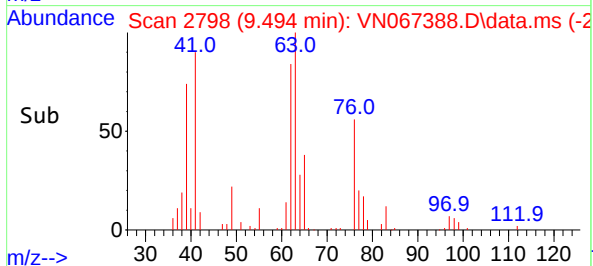
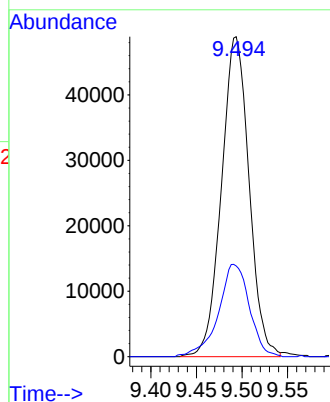
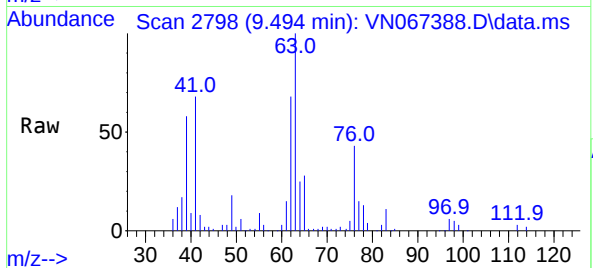
1,2-Dichloropropane
Concen: 19.870 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 102869
Ion Ratio Lower Upper
63 100
65 28.0 24.5 36.7

Manual Integrations
APPROVED

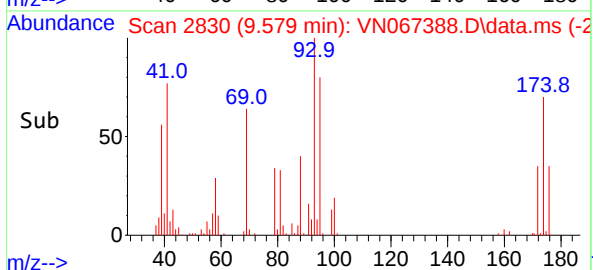
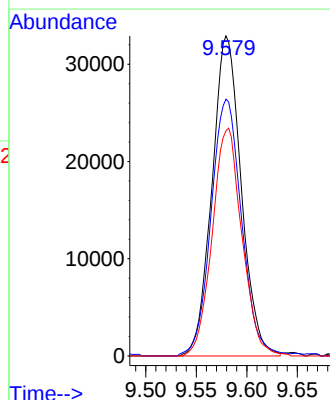
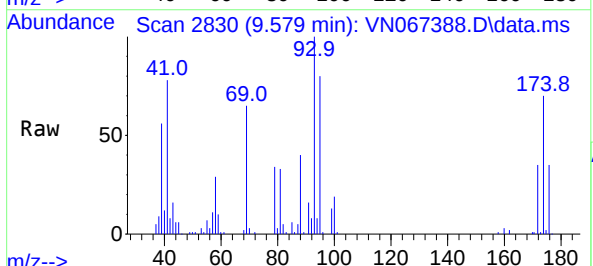
MMDadoda
6/18/2021 9:13:27 AM

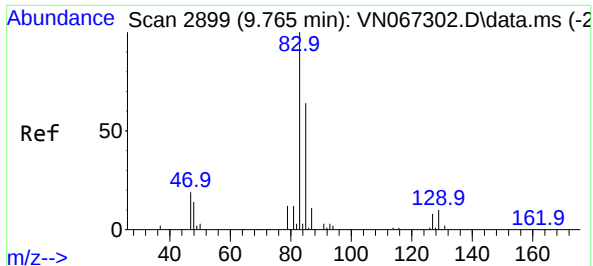


#40

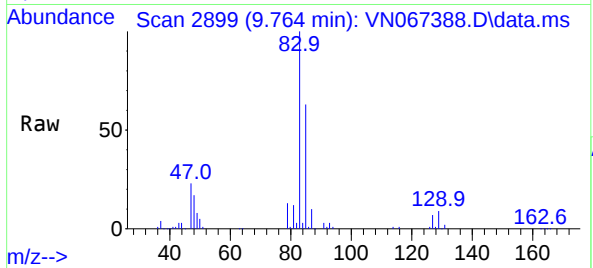
Dibromomethane
Concen: 18.578 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 93 Resp: 66041
Ion Ratio Lower Upper
93 100
95 84.0 0.0 167.6
174 72.4 0.0 148.4

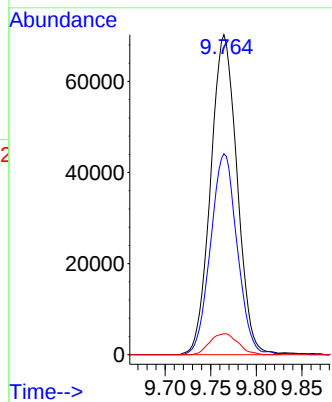
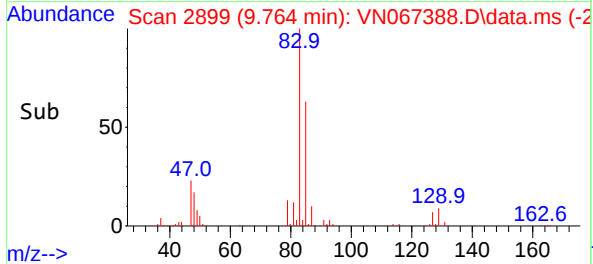




#41
Bromodichloromethane
Concen: 18.496 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



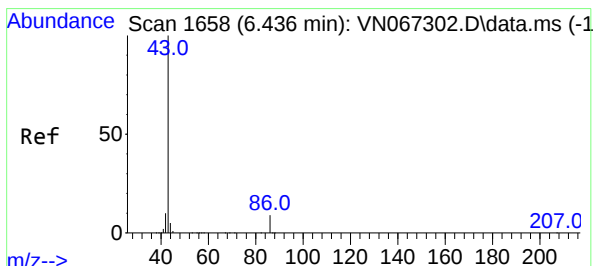
Tgt Ion: 83 Resp: 141765
Ion Ratio Lower Upper
83 100
85 62.8 51.2 76.8
127 6.5 6.6 9.8#



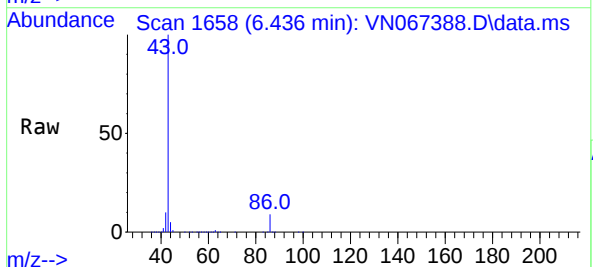
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

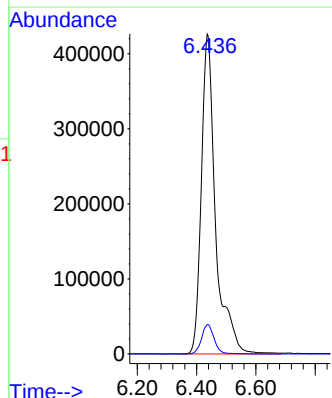
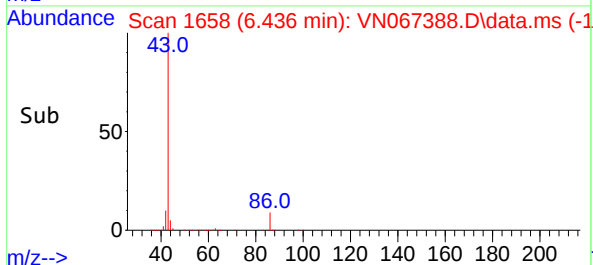
MMDadoda
6/18/2021 9:13:27 AM

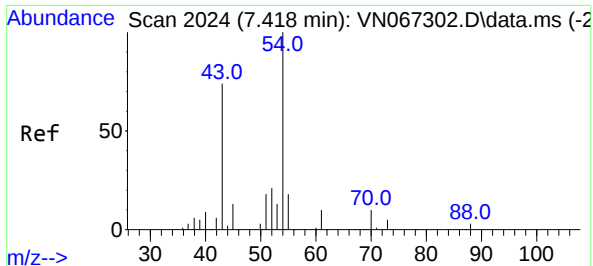


#42
Vinyl Acetate
Concen: 96.779 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



Tgt Ion: 43 Resp: 1425447
Ion Ratio Lower Upper
43 100
86 8.0 6.4 9.6





#43

Ethyl Acetate

Concen: 18.525 ug/l

RT: 7.418 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VN067388.D

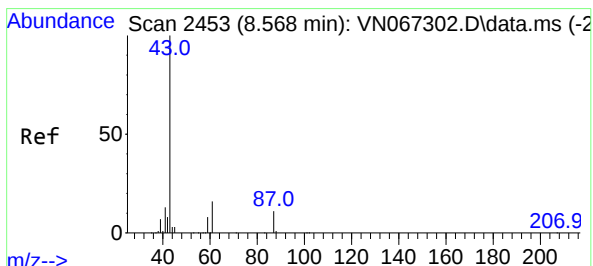
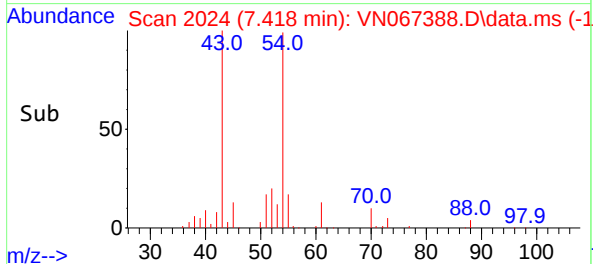
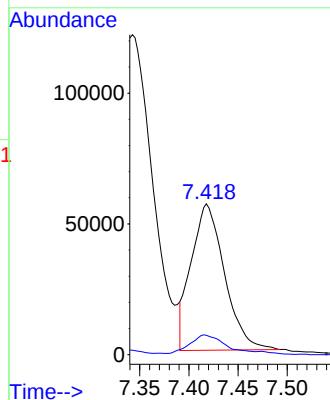
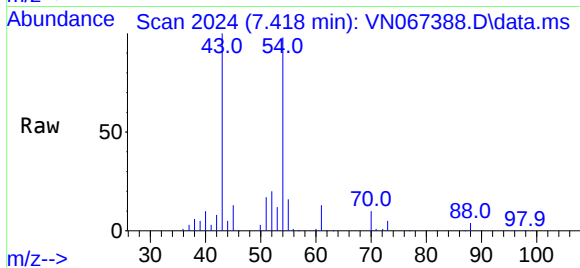
Acq: 17 Jun 2021 19:52

Tgt Ion: 43 Resp: 131893

Ion Ratio Lower Upper

43 100

45 12.7 1.0 1.6#



#44

Isopropyl Acetate

Concen: 18.612 ug/l

RT: 8.566 min Scan# 2452

Delta R.T. -0.003 min

Lab File: VN067388.D

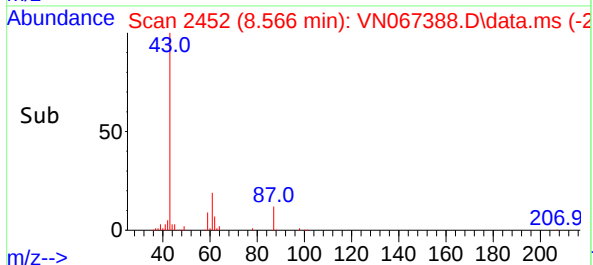
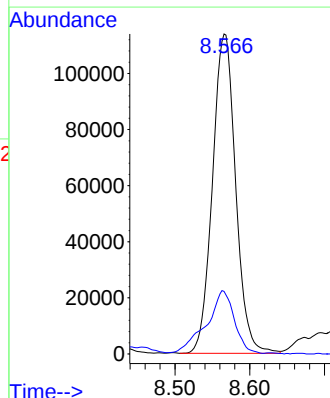
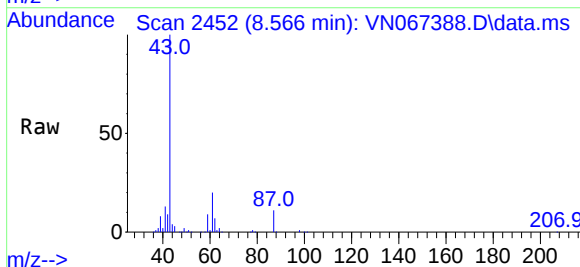
Acq: 17 Jun 2021 19:52

Tgt Ion: 43 Resp: 244993

Ion Ratio Lower Upper

43 100

61 23.8 19.0 28.6



Instrument :

MSVOA_N

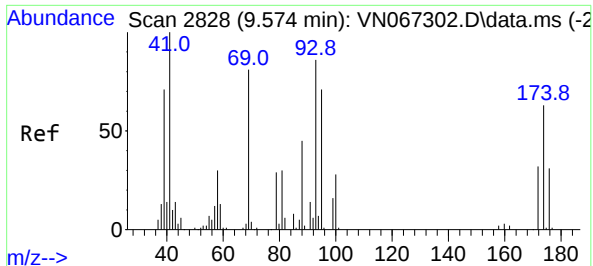
ClientSampleId :

VSTDCCC020EC

Manual Integrations

APPROVED

MMDadoda
6/18/2021 9:13:27 AM



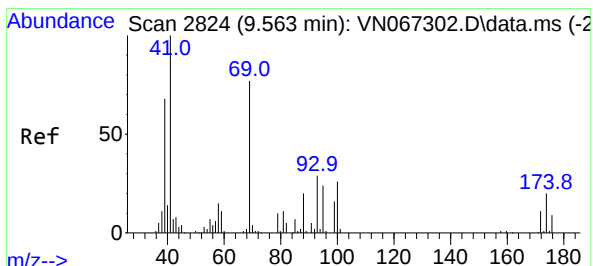
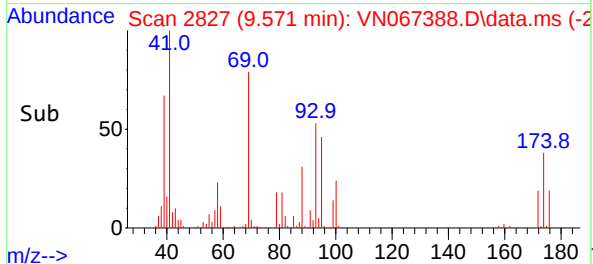
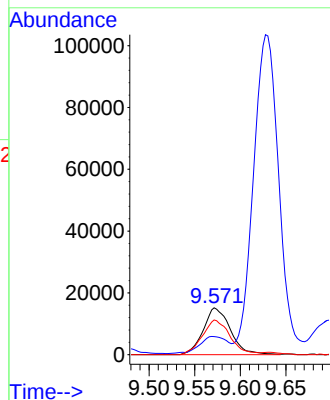
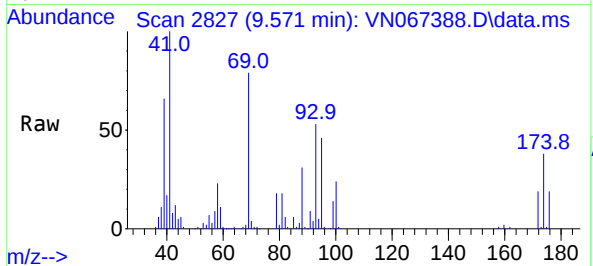
#45
1,4-Dioxane
Concen: 367.440 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 88 Resp: 31488
Ion Ratio Lower Upper
88 100
43 34.0 18.0 27.0#
58 75.9 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

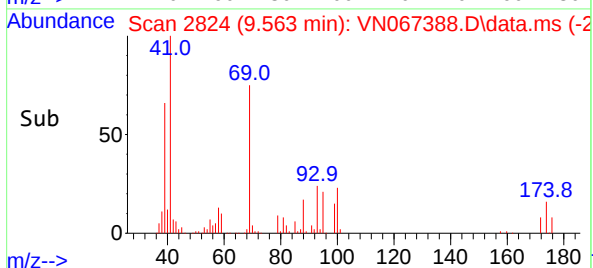
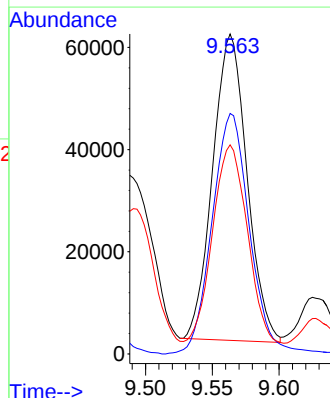
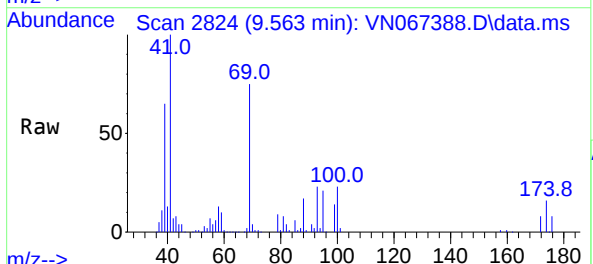
Manual Integrations
APPROVED

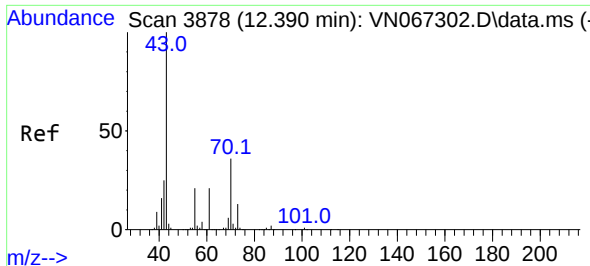
MMDadoda
6/18/2021 9:13:27 AM



#46
Methyl methacrylate
Concen: 18.344 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 41 Resp: 107234
Ion Ratio Lower Upper
41 100
69 78.0 38.0 114.1
39 64.9 33.9 101.7





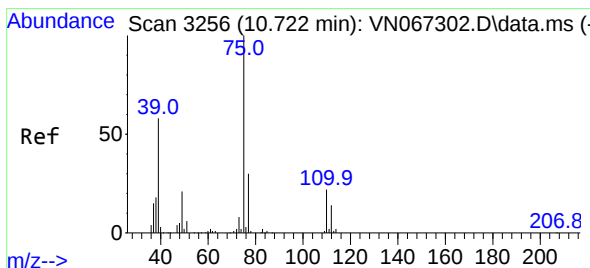
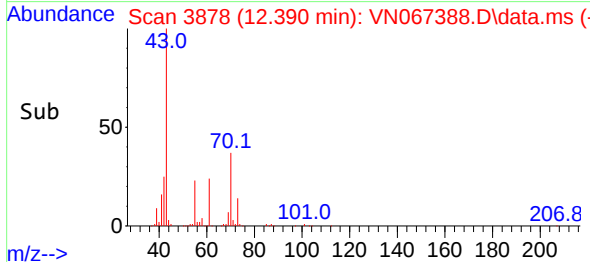
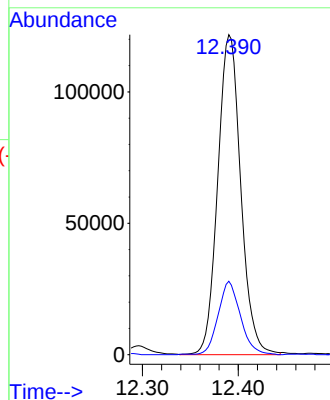
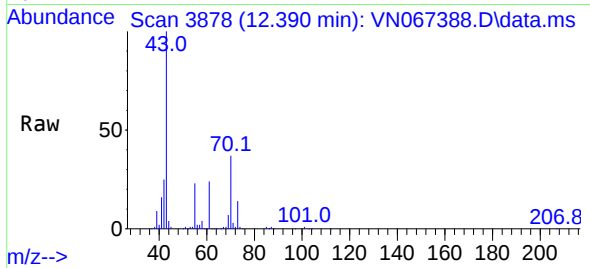
#47
n-amy1 Acetate
Concen: 18.162 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 43 Resp: 202727
Ion Ratio Lower Upper
43 100
55 22.2 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

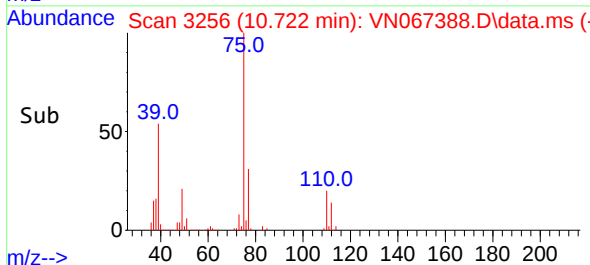
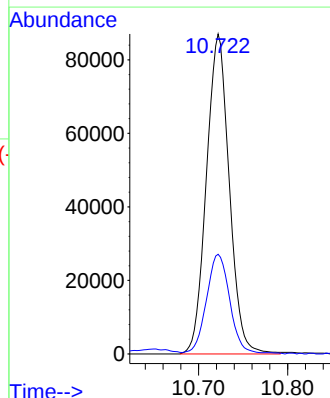
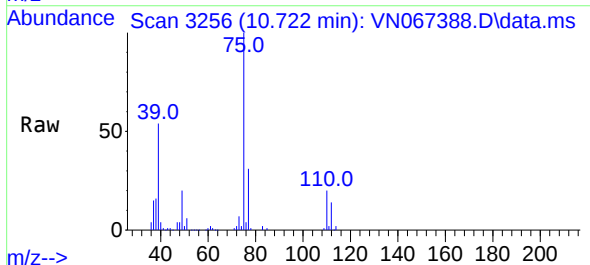
Manual Integrations
APPROVED

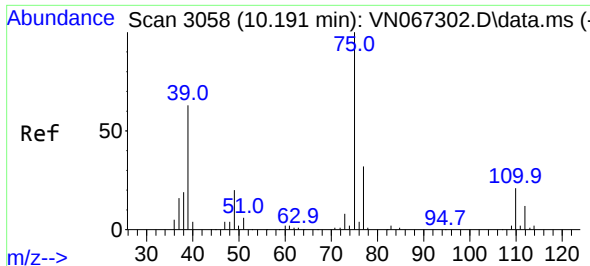
MMDadoda
6/18/2021 9:13:27 AM



#48
t-1,3-Dichloropropene
Concen: 18.314 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 75 Resp: 155032
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0





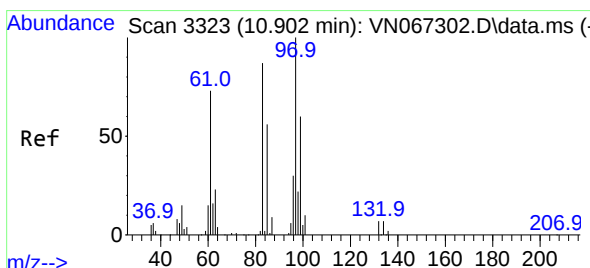
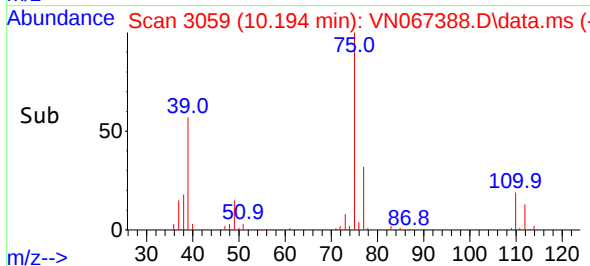
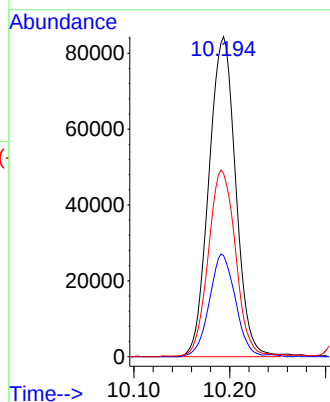
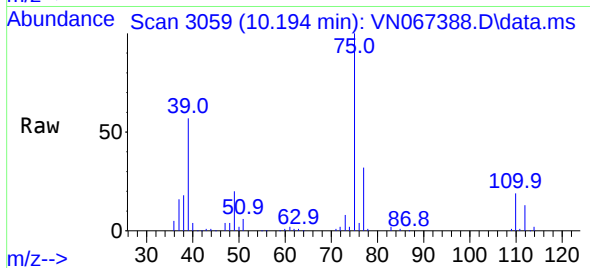
#49
cis-1,3-Dichloropropene
Concen: 19.279 ug/l
RT: 10.194 min Scan# 3059
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 75 Resp: 163966
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0
39 57.0 50.6 76.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

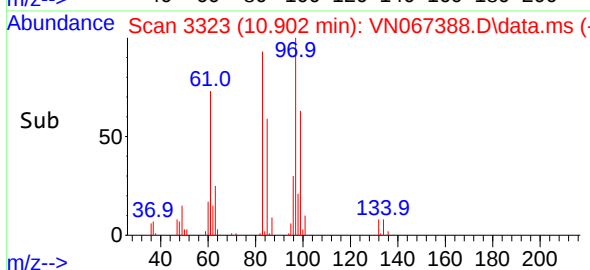
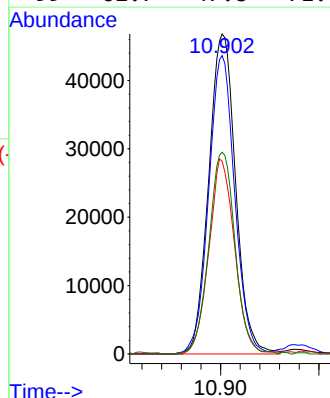
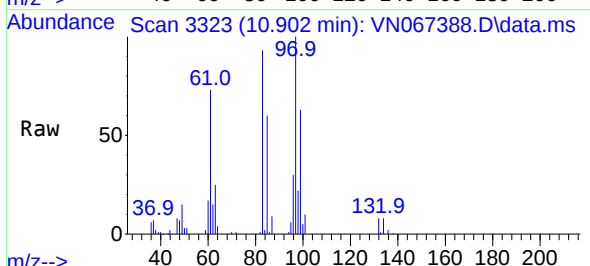
Manual Integrations
APPROVED

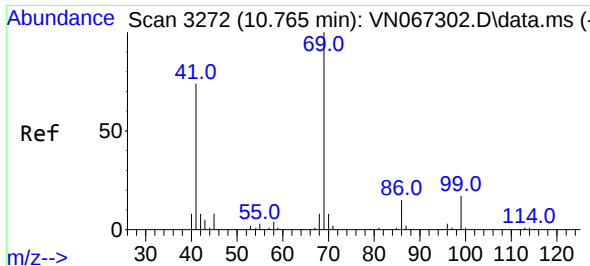
MMDadoda
6/18/2021 9:13:27 AM



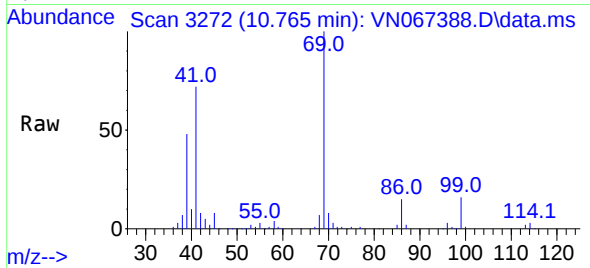
#50
1,1,2-Trichloroethane
Concen: 19.219 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 97 Resp: 88752
Ion Ratio Lower Upper
97 100
83 92.8 69.6 104.4
85 60.2 45.2 67.8
99 62.7 47.8 71.6

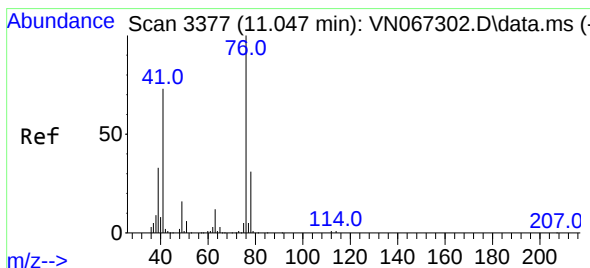
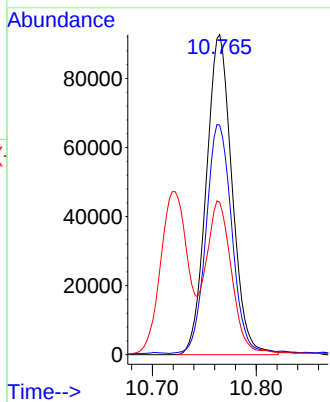
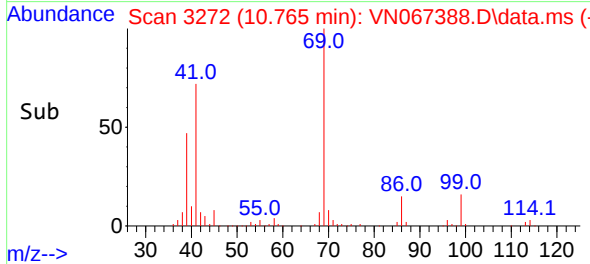




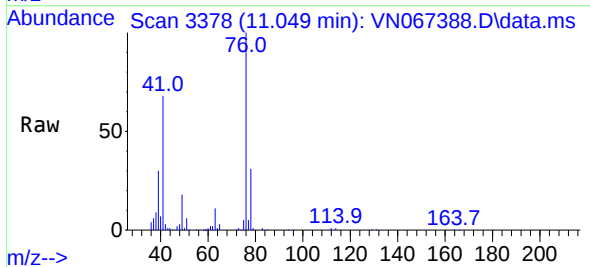
#51
Ethyl methacrylate
Concen: 18.945 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



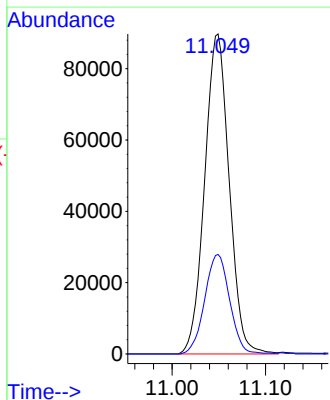
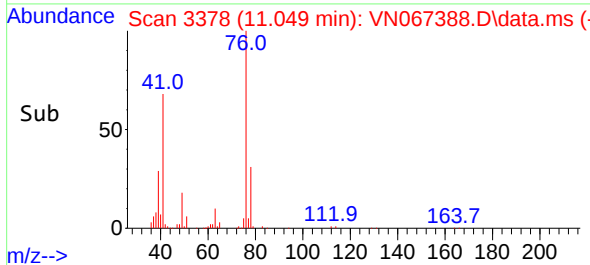
Tgt Ion: 69 Resp: 159847
Ion Ratio Lower Upper
69 100
41 71.0 36.8 110.4
39 46.8 23.8 71.2



#52
1,3-Dichloropropane
Concen: 19.476 ug/l
RT: 11.049 min Scan# 3378
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



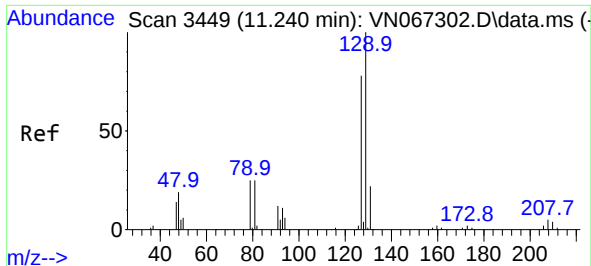
Tgt Ion: 76 Resp: 163852
Ion Ratio Lower Upper
76 100
78 31.5 0.0 64.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
6/18/2021 9:13:27 AM



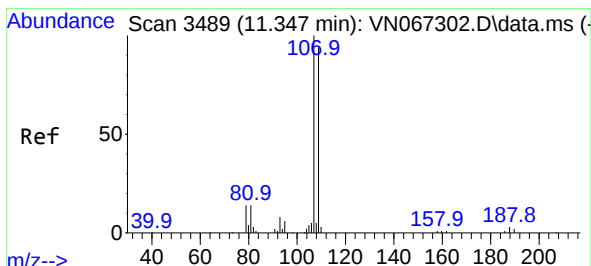
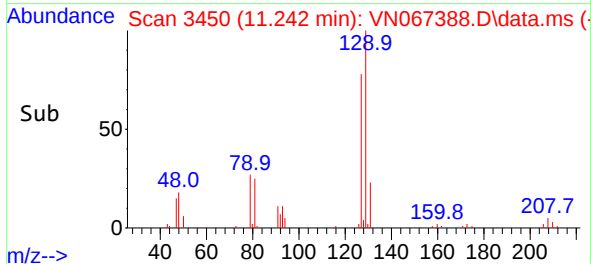
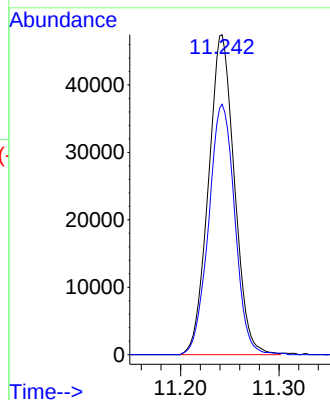
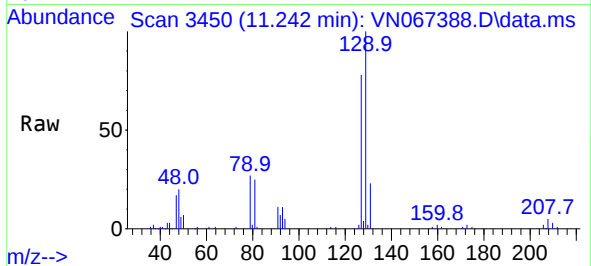
#53
Dibromochloromethane
Concen: 16.969 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 87147
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4

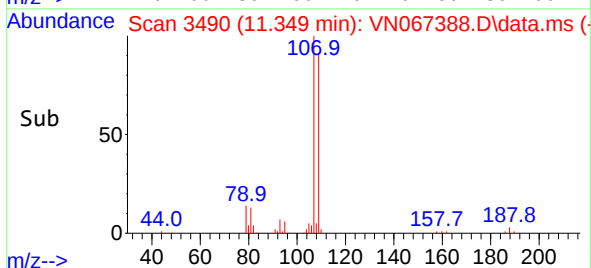
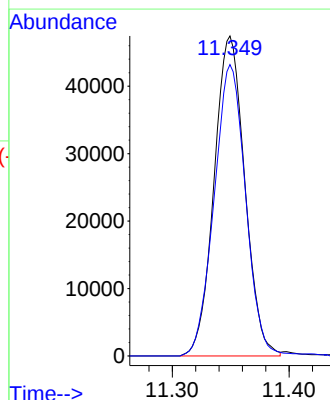
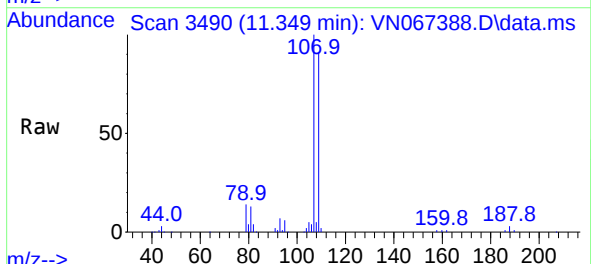
Manual Integrations
APPROVED

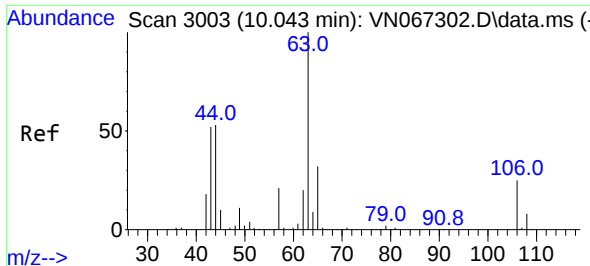
MMDadoda
6/18/2021 9:13:27 AM



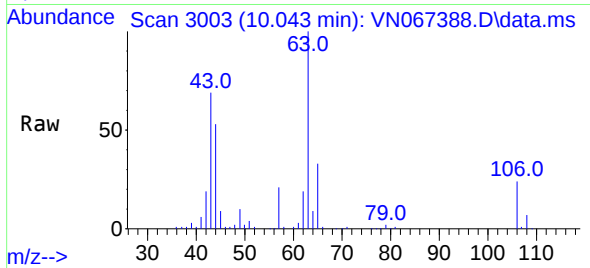
#54
1,2-Dibromoethane
Concen: 17.950 ug/l
RT: 11.349 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion:107 Resp: 86468
Ion Ratio Lower Upper
107 100
109 93.5 75.0 112.6

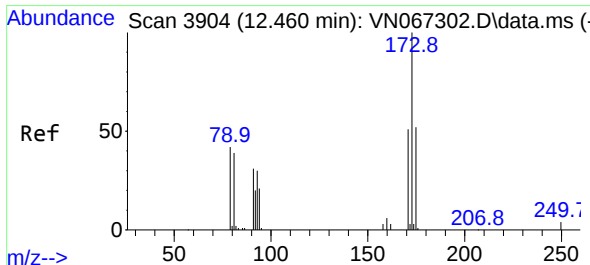
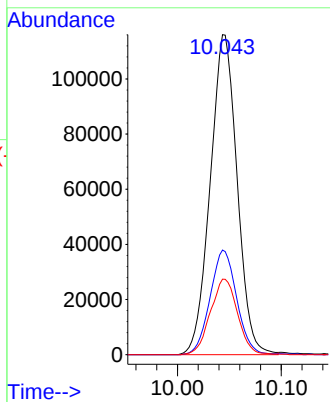
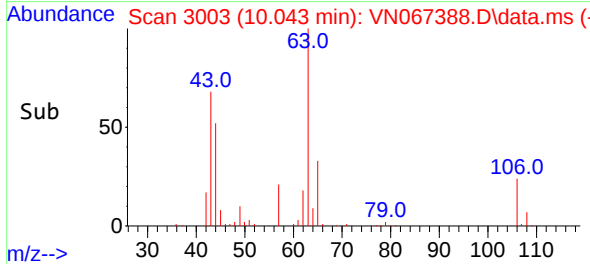




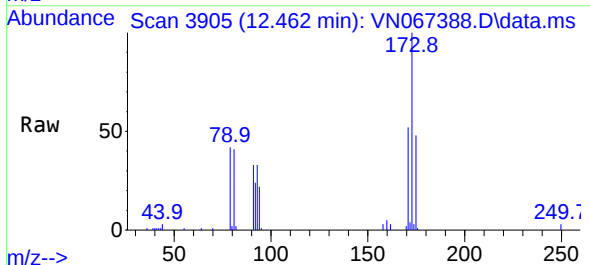
#55
2-Chloroethyl vinyl ether
Concen: 97.709 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



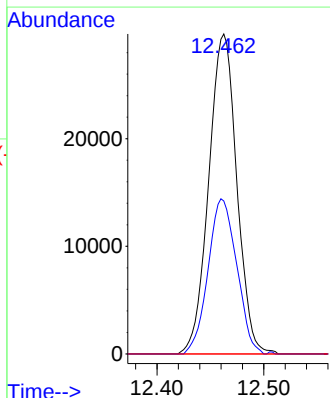
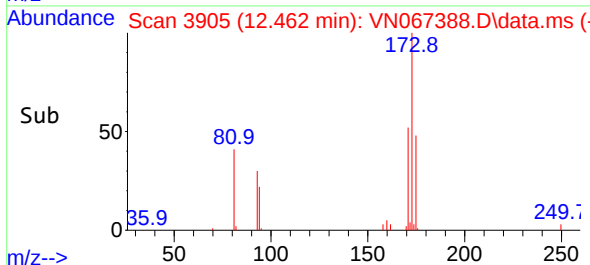
Tgt Ion: 63 Resp: 208931
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 23.9 20.0 30.0



#56
Bromoform
Concen: 15.587 ug/l
RT: 12.462 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



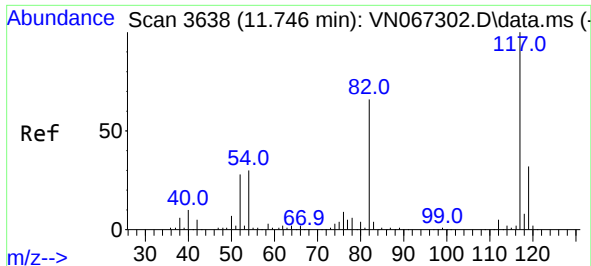
Tgt Ion: 173 Resp: 54329
Ion Ratio Lower Upper
173 100
175 49.4 39.4 59.2
254 0.0 0.0 0.0



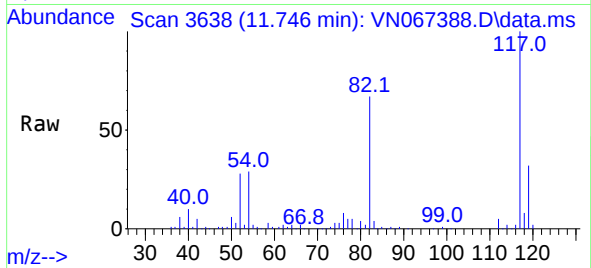
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

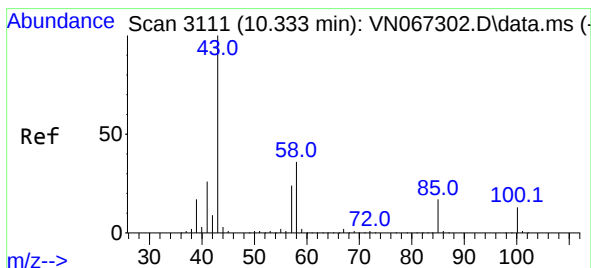
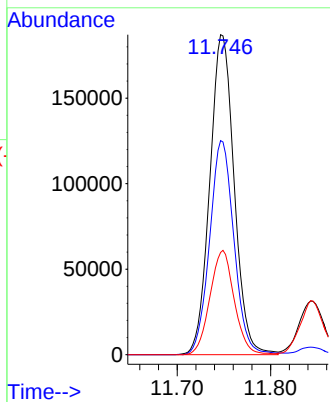
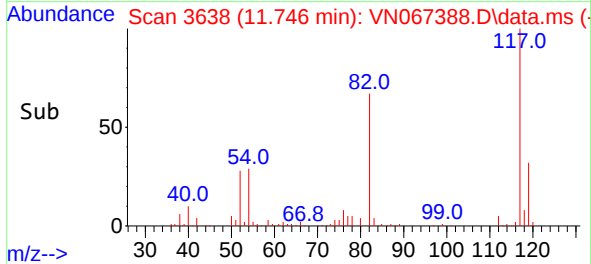
MMDadoda
6/18/2021 9:13:27 AM



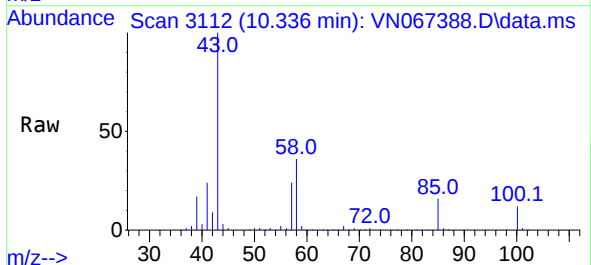
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



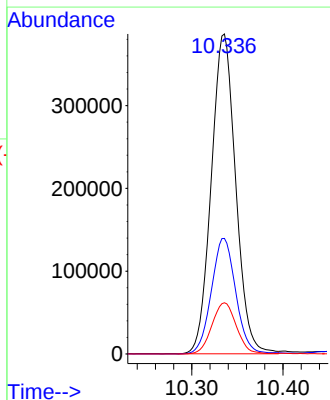
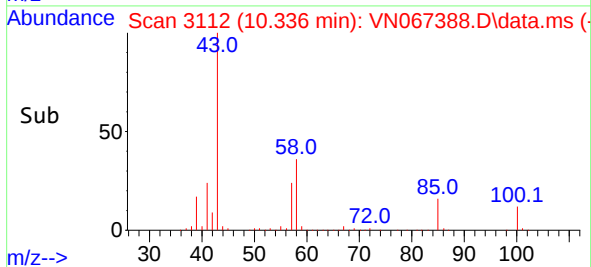
Tgt Ion:117 Resp: 339201
Ion Ratio Lower Upper
117 100
82 66.8 52.5 78.7
119 32.6 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 96.327 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



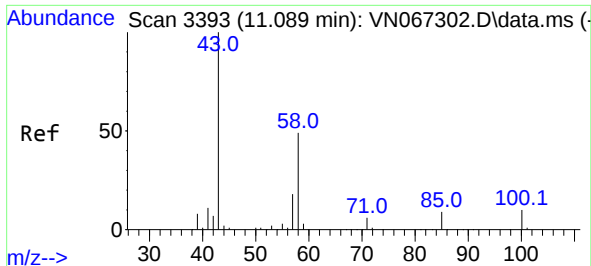
Tgt Ion: 43 Resp: 718189
Ion Ratio Lower Upper
43 100
58 36.4 29.0 43.4
85 16.1 13.2 19.8



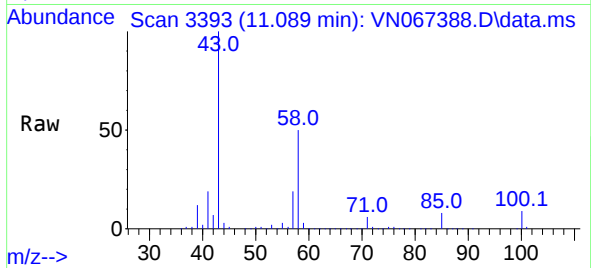
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

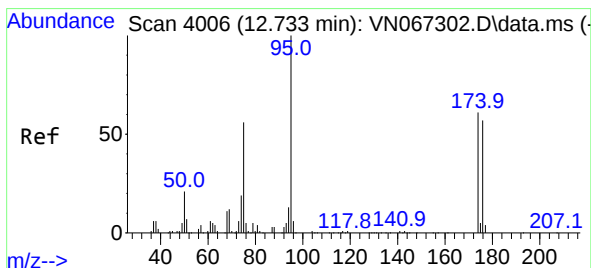
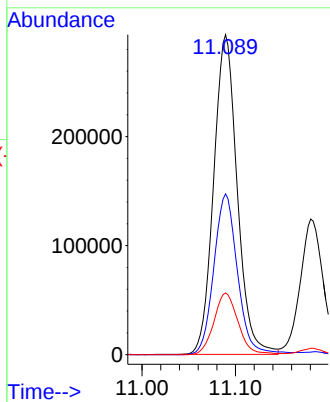
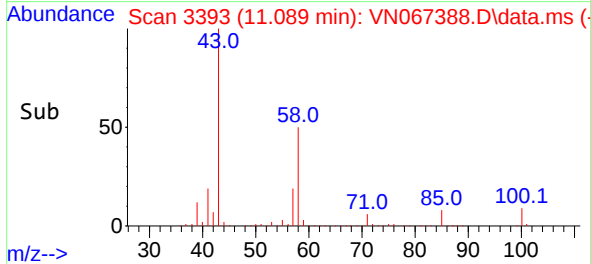
MMDadoda
6/18/2021 9:13:27 AM



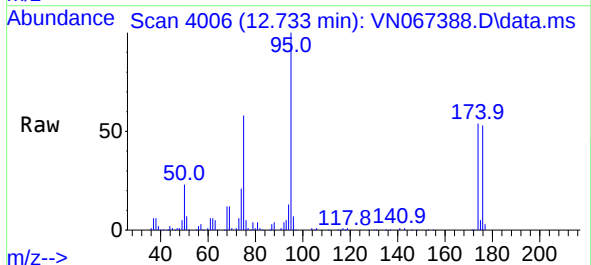
#59
2-Hexanone
Concen: 95.389 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



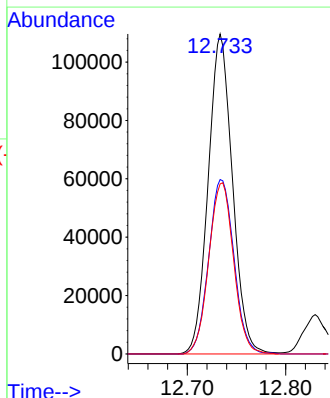
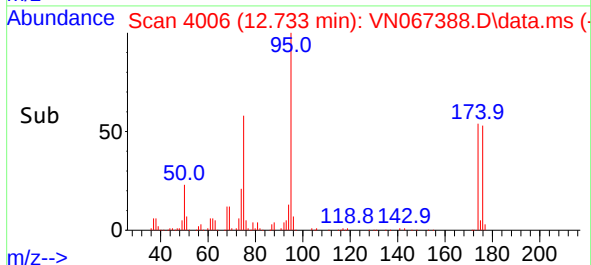
Tgt Ion: 43 Resp: 514337
Ion Ratio Lower Upper
43 100
58 50.7 39.4 59.0
57 19.8 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.675 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



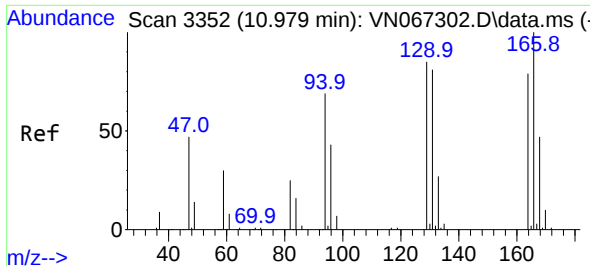
Tgt Ion: 95 Resp: 187782
Ion Ratio Lower Upper
95 100
174 56.8 47.7 71.5
176 54.7 45.7 68.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
6/18/2021 9:13:27 AM



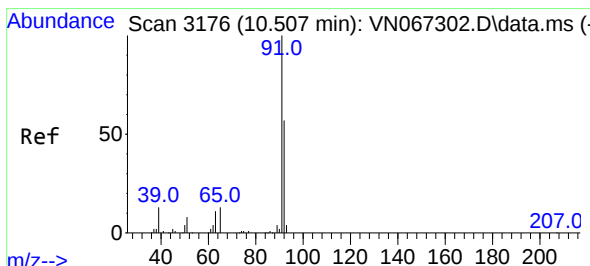
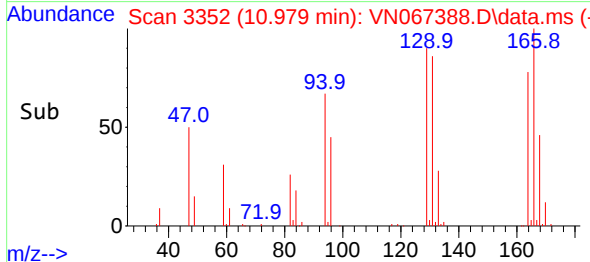
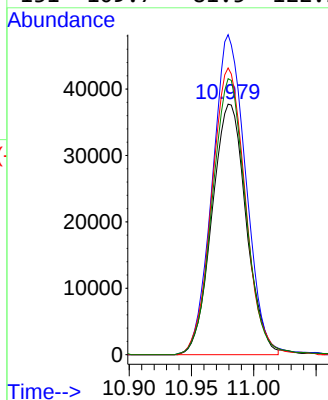
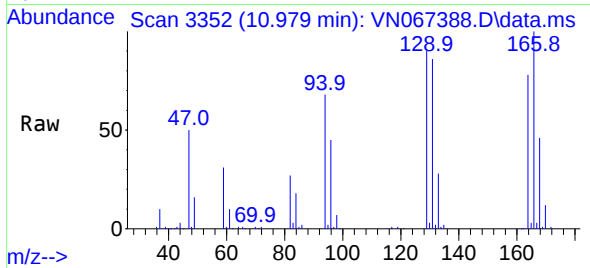
#61
Tetrachloroethene
Concen: 18.257 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion:164 Resp: 71780
Ion Ratio Lower Upper
164 100
166 127.3 101.0 151.4
129 114.4 85.5 128.3
131 109.7 81.5 122.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

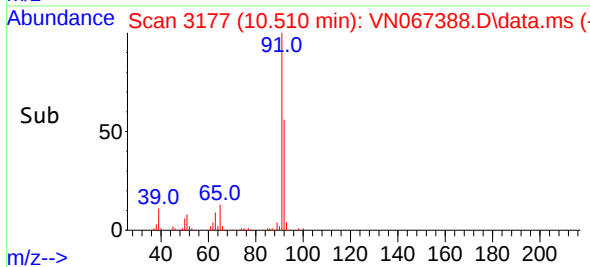
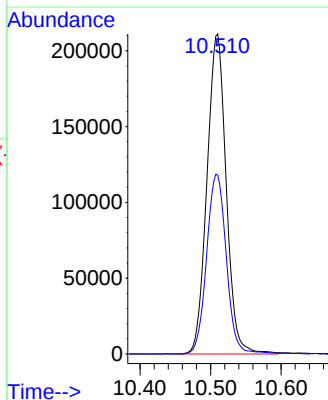
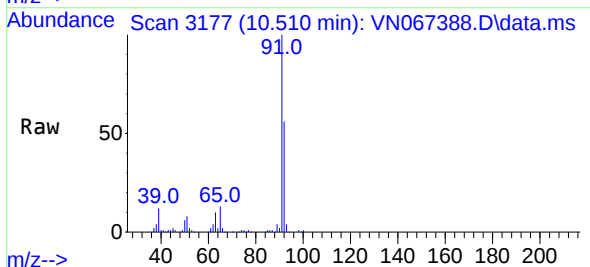
Manual Integrations
APPROVED

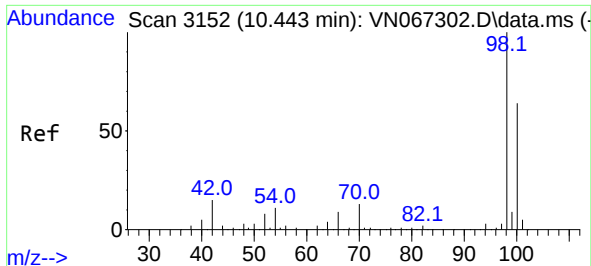
MMDadoda
6/18/2021 9:13:27 AM



#62
Toluene
Concen: 19.721 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 91 Resp: 400357
Ion Ratio Lower Upper
91 100
92 57.0 46.1 69.1





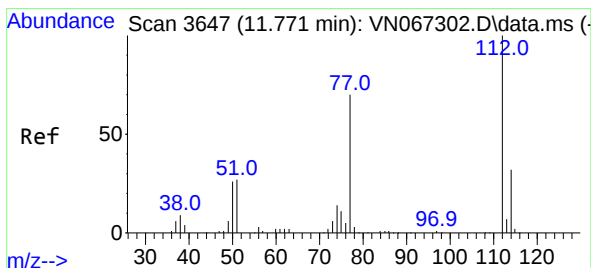
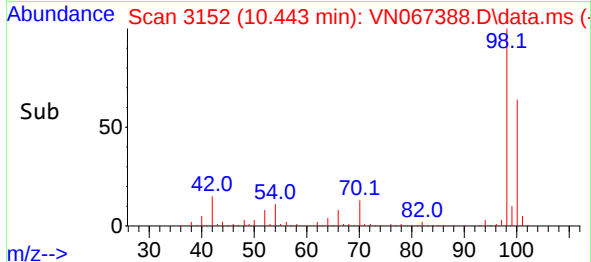
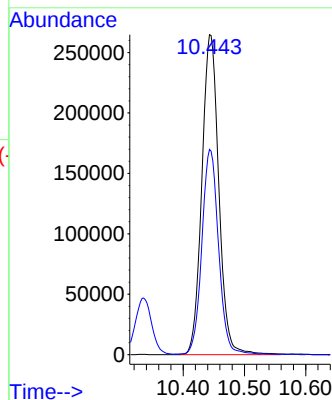
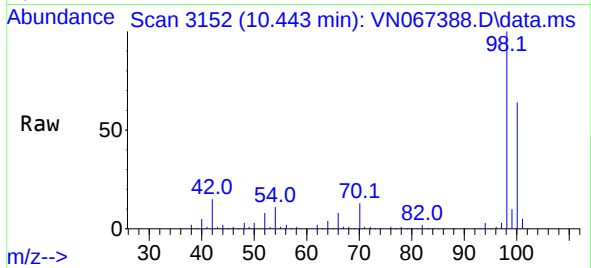
#63
Toluene-d8
Concen: 31.518 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 98 Resp: 509861
Ion Ratio Lower Upper
98 100
100 63.0 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

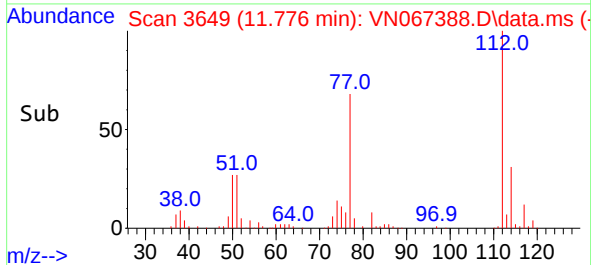
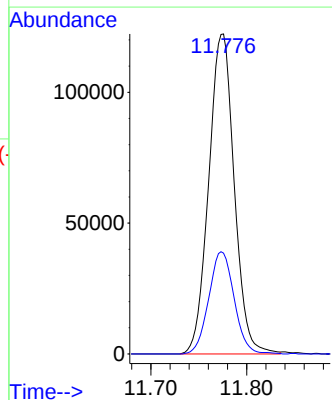
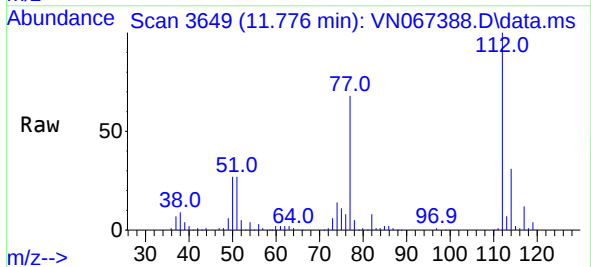
Manual Integrations
APPROVED

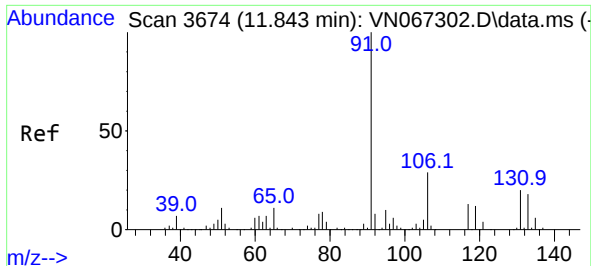
MMDadoda
6/18/2021 9:13:27 AM



#64
Chlorobenzene
Concen: 18.963 ug/l
RT: 11.776 min Scan# 3649
Delta R.T. 0.005 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

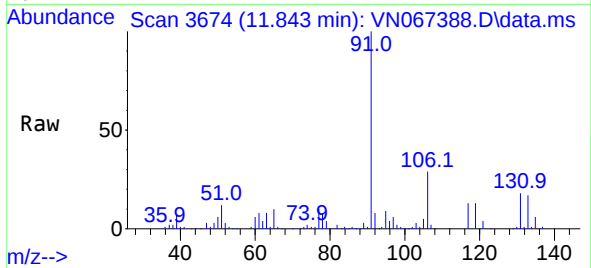
Tgt Ion: 112 Resp: 226141
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0





#65
1,1,1,2-Tetrachloroethane
Concen: 17.847 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

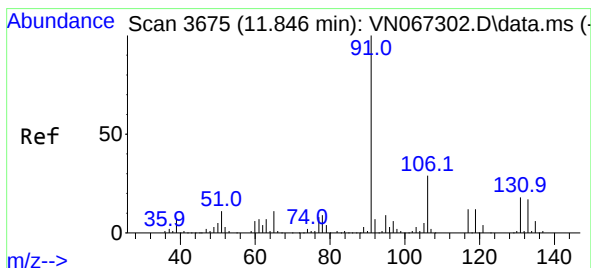
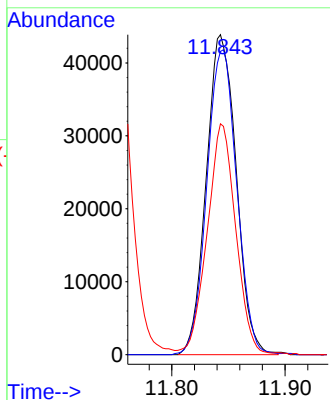
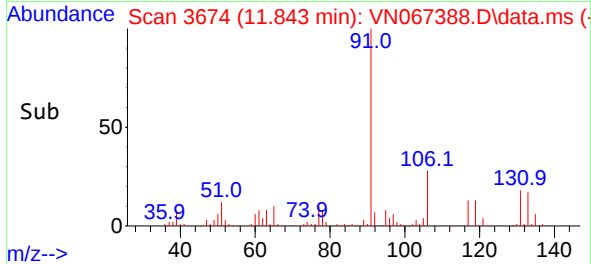
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



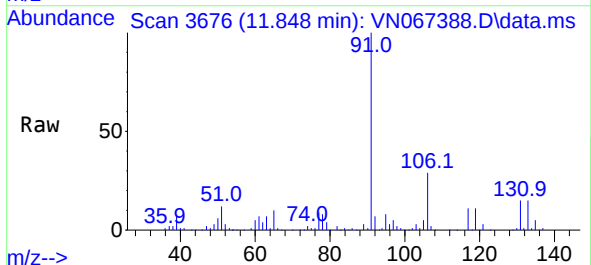
Tgt Ion:131 Resp: 80435
Ion Ratio Lower Upper
131 100
133 95.4 0.0 189.6
119 68.9 0.0 130.0

Manual Integrations
APPROVED

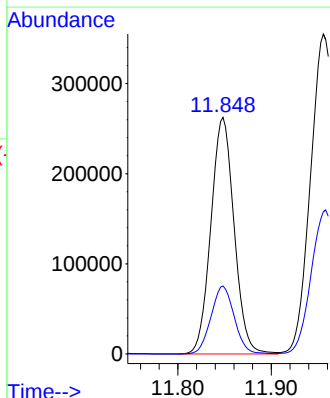
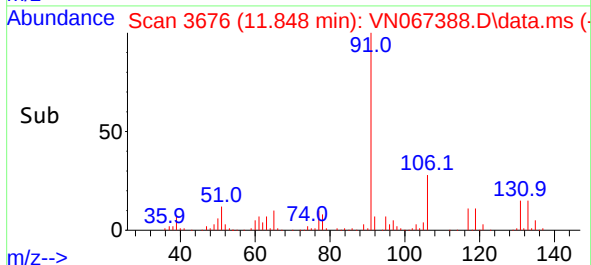
MMDadoda
6/18/2021 9:13:27 AM

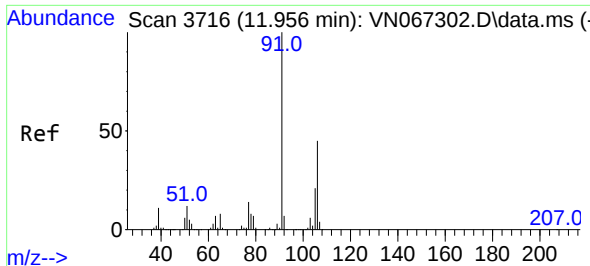


#66
Ethyl Benzene
Concen: 19.227 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



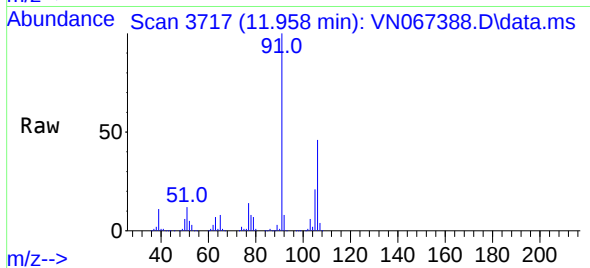
Tgt Ion: 91 Resp: 453237
Ion Ratio Lower Upper
91 100
106 28.7 23.4 35.0





#67
m/p-Xylenes
Concen: 37.722 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

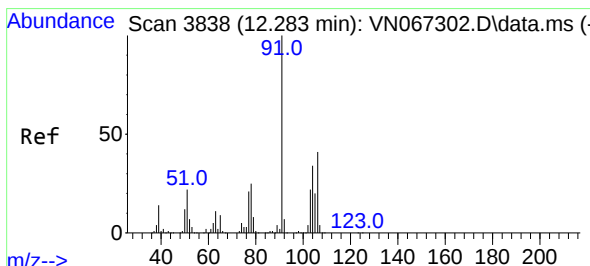
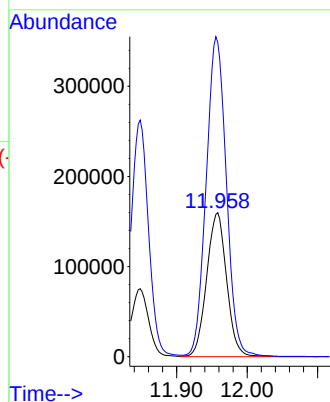
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



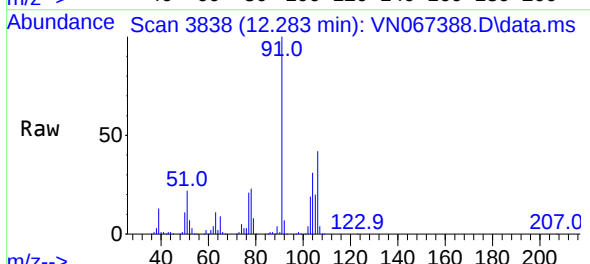
Tgt Ion:106 Resp: 313673
Ion Ratio Lower Upper
106 100
91 224.6 181.3 271.9

Manual Integrations
APPROVED

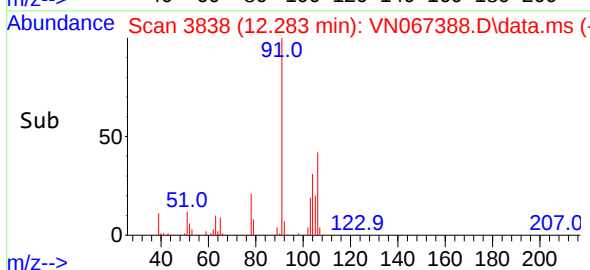
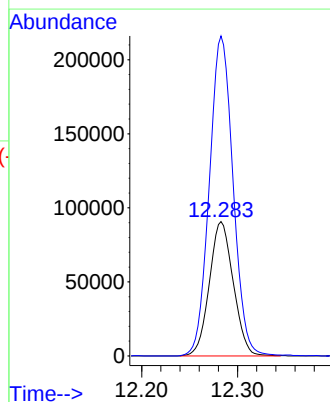
MMDadoda
6/18/2021 9:13:27 AM

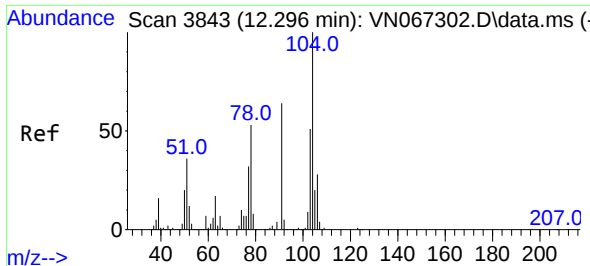


#68
o-Xylene
Concen: 18.951 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



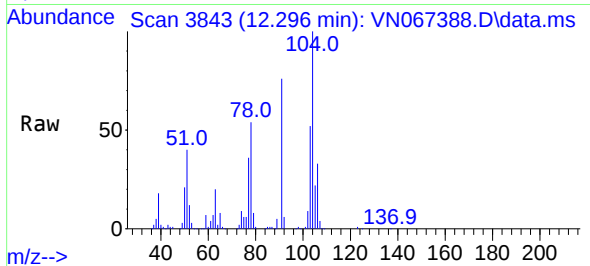
Tgt Ion:106 Resp: 157318
Ion Ratio Lower Upper
106 100
91 235.9 120.0 360.0





#69
Styrene
Concen: 18.099 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

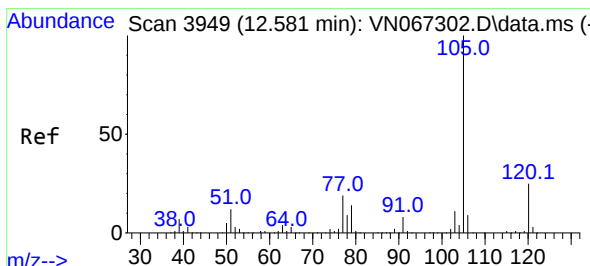
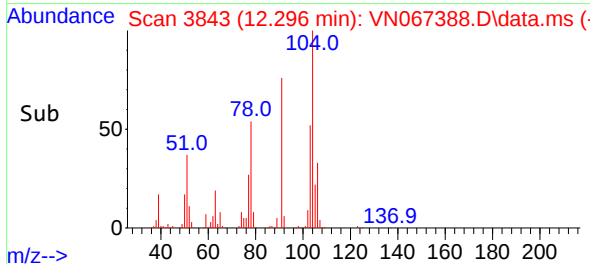
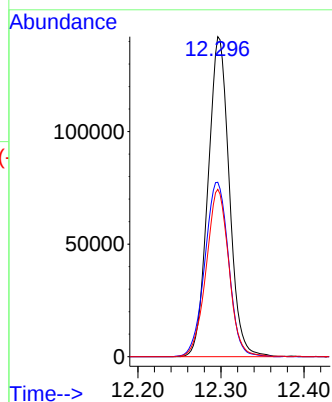
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



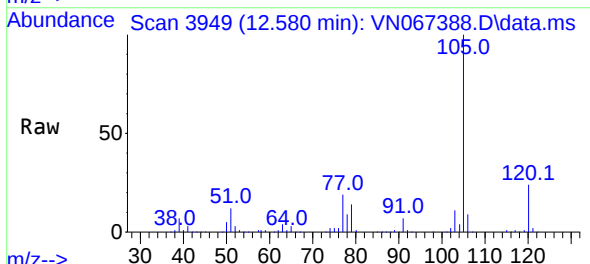
Tgt Ion:104 Resp: 252623
Ion Ratio Lower Upper
104 100
78 61.0 48.2 72.2
103 55.9 44.5 66.7

Manual Integrations
APPROVED

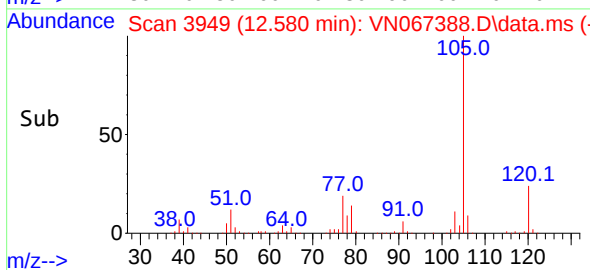
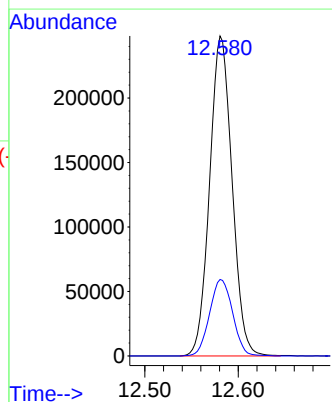
MMDadoda
6/18/2021 9:13:27 AM

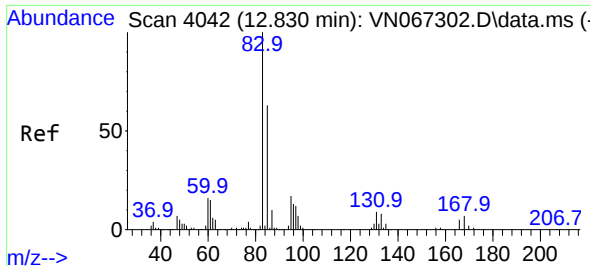


#70
Isopropylbenzene
Concen: 19.353 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



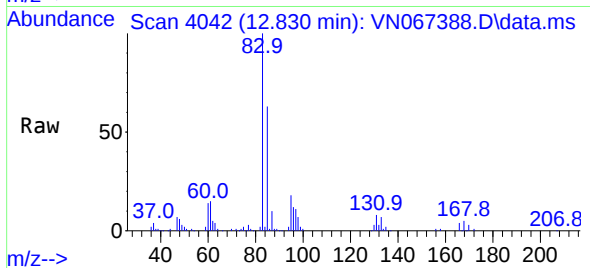
Tgt Ion:105 Resp: 413835
Ion Ratio Lower Upper
105 100
120 24.6 17.6 32.6





#71
1,1,2,2-Tetrachloroethane
Concen: 19.701 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

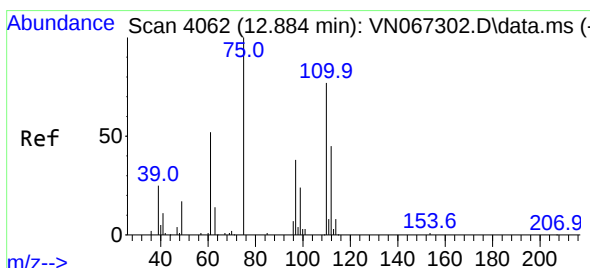
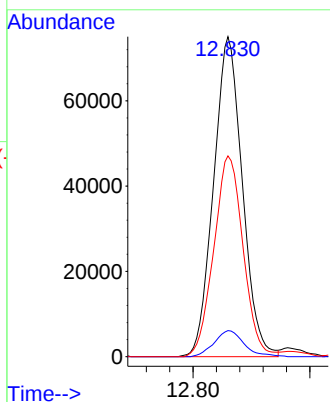
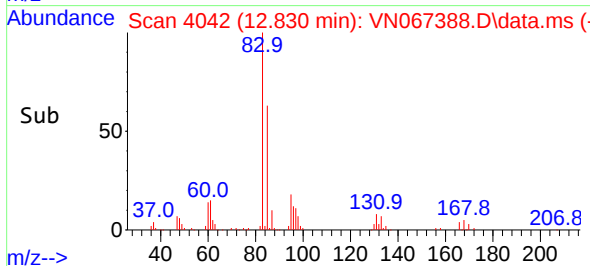
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



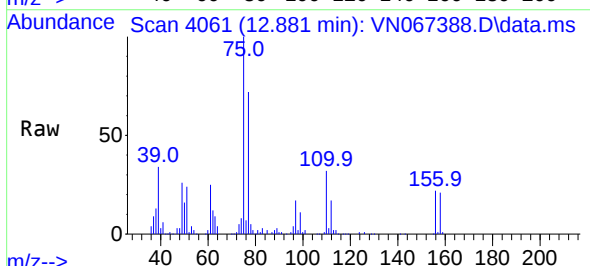
Tgt Ion: 83 Resp: 128174
Ion Ratio Lower Upper
83 100
131 8.5 4.7 14.0
85 64.0 32.2 96.6

Manual Integrations
APPROVED

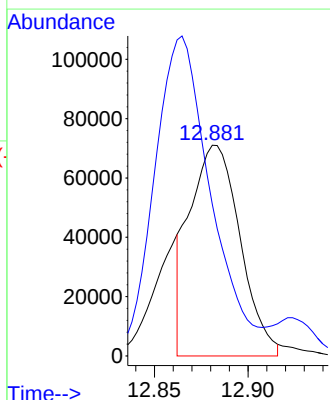
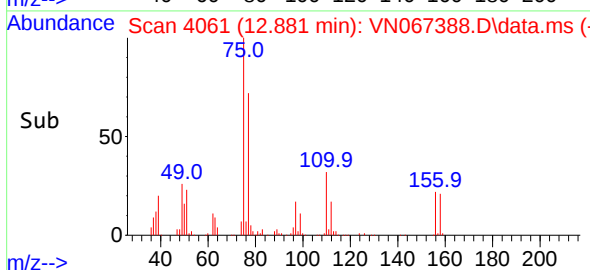
MMDadoda
6/18/2021 9:13:27 AM

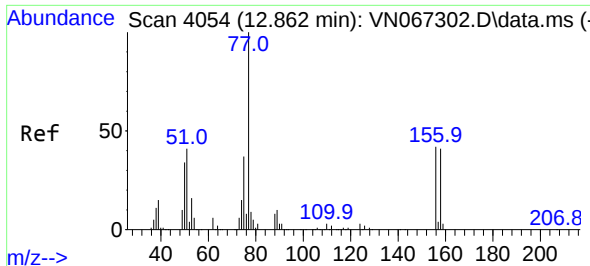


#72
1,2,3-Trichloropropane
Concen: 20.449 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



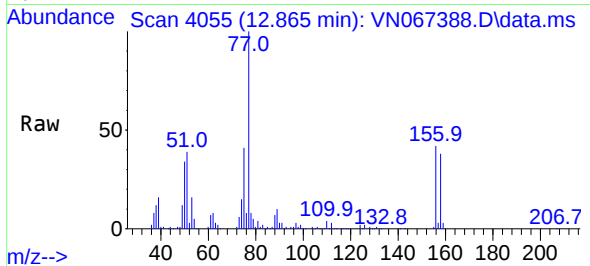
Tgt Ion: 75 Resp: 132558
Ion Ratio Lower Upper
75 100
77 170.4 0.0 374.2





#73
Bromobenzene
Concen: 17.910 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

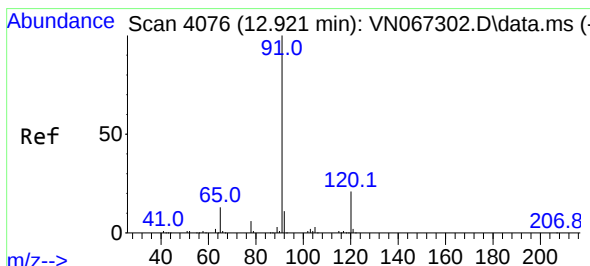
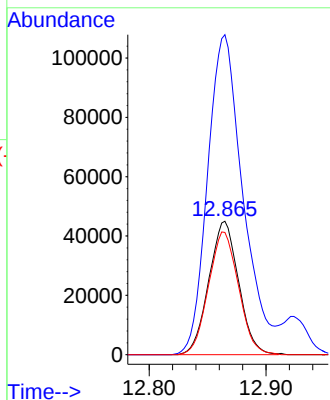
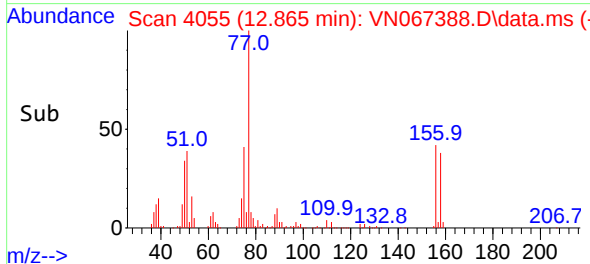
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



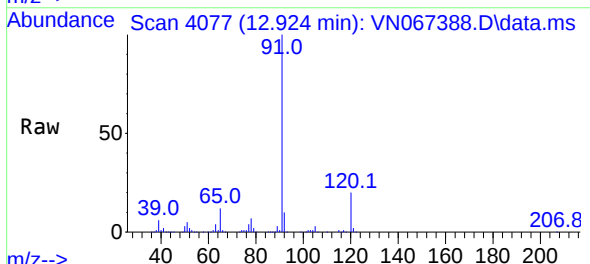
Tgt Ion:156 Resp: 79699
Ion Ratio Lower Upper
156 100
77 283.3 0.0 548.0
158 93.0 0.0 194.0

Manual Integrations
APPROVED

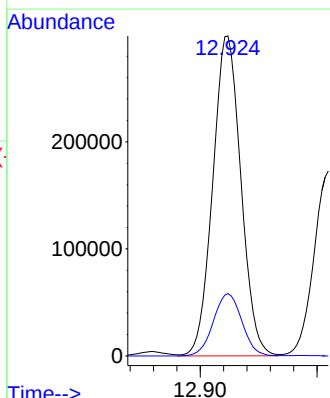
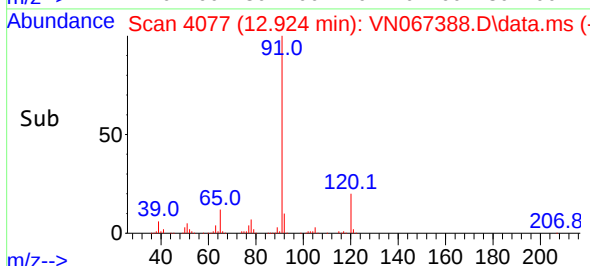
MMDadoda
6/18/2021 9:13:27 AM

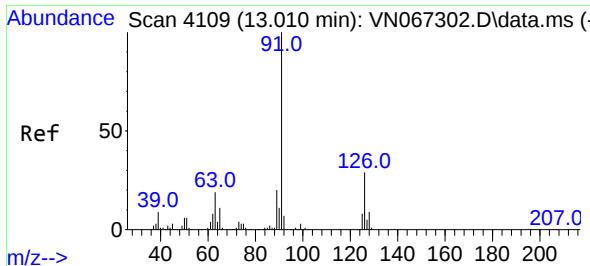


#74
n-propylbenzene
Concen: 19.442 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



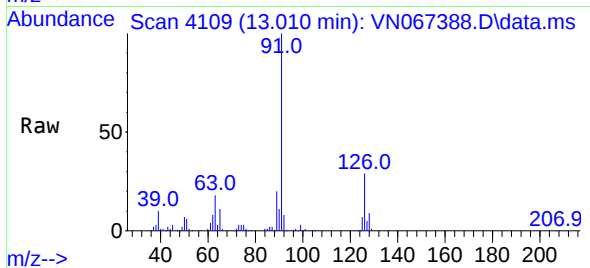
Tgt Ion: 91 Resp: 499720
Ion Ratio Lower Upper
91 100
120 19.7 0.0 41.0





#75
2-Chlorotoluene
Concen: 18.769 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

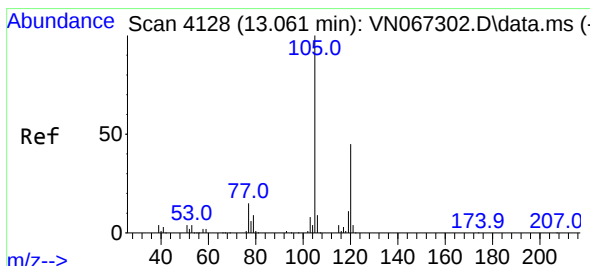
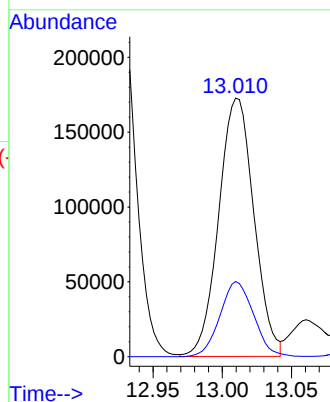
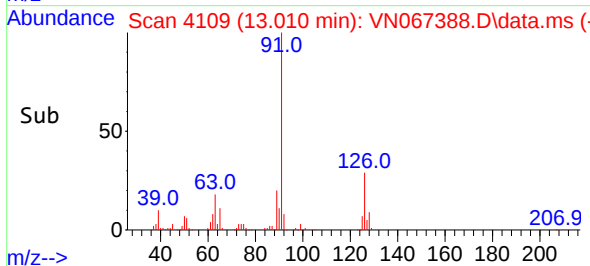
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



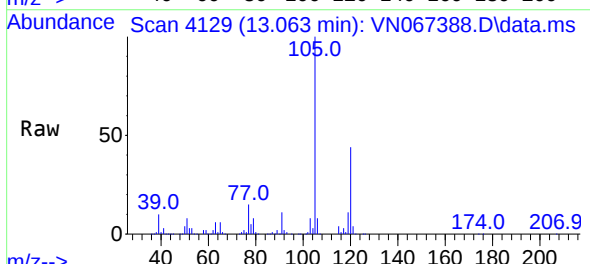
Tgt Ion: 91 Resp: 305454
Ion Ratio Lower Upper
91 100
126 27.8 0.0 0.0#

Manual Integrations
APPROVED

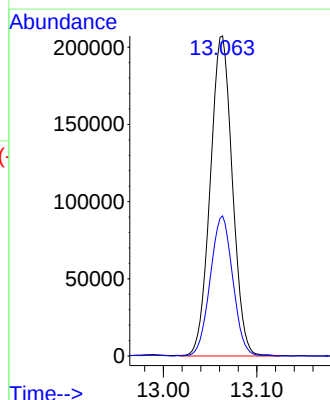
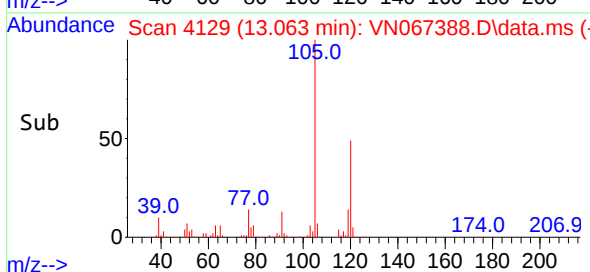
MMDadoda
6/18/2021 9:13:27 AM

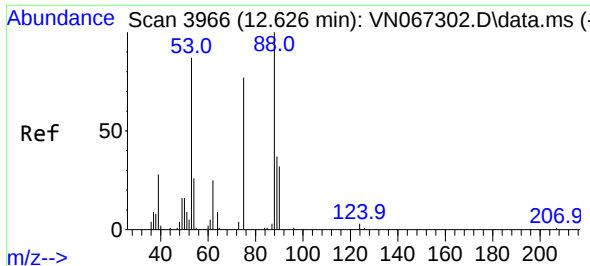


#76
1,3,5-Trimethylbenzene
Concen: 18.824 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



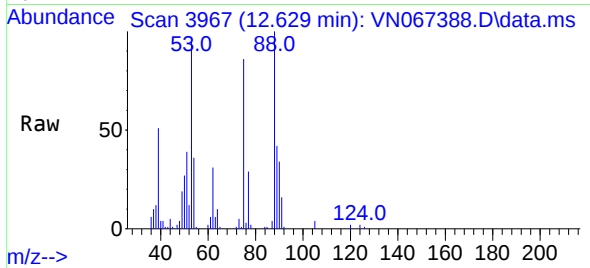
Tgt Ion: 105 Resp: 341074
Ion Ratio Lower Upper
105 100
120 44.5 0.0 90.2





#77
t-1,4-Dichloro-2-butene
Concen: 17.398 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

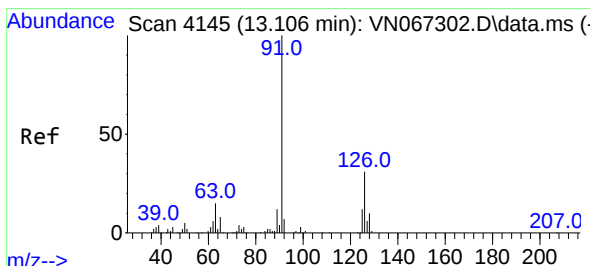
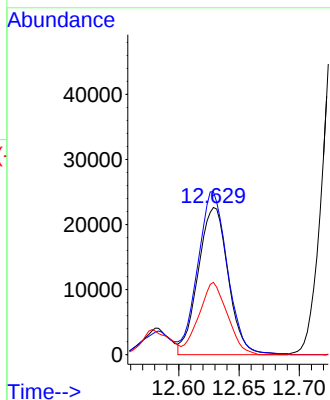
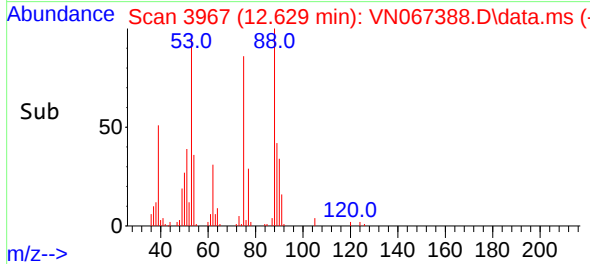
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



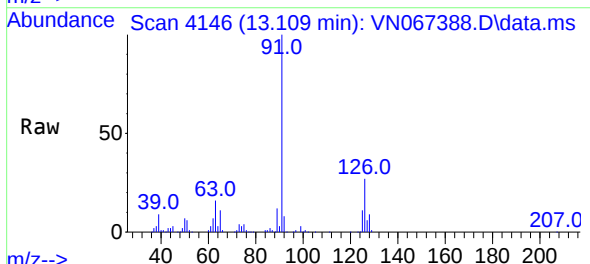
Tgt Ion: 75 Resp: 39291
Ion Ratio Lower Upper
75 100
53 110.0 55.2 165.6
89 49.1 24.5 73.5

Manual Integrations
APPROVED

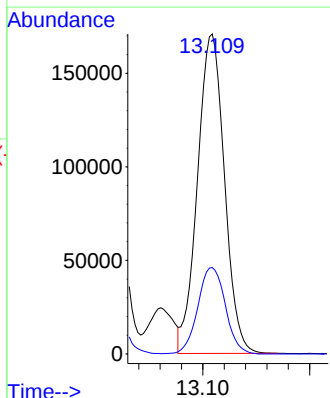
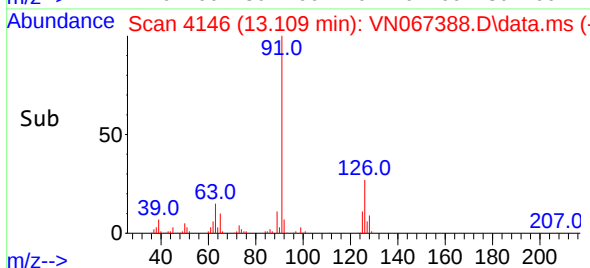
MMDadoda
6/18/2021 9:13:27 AM

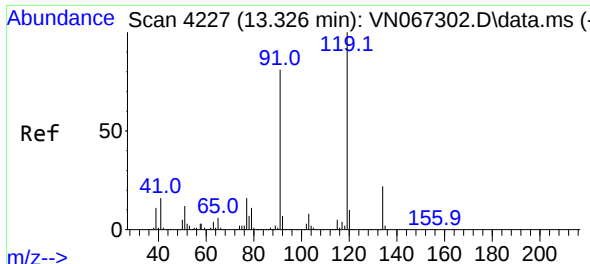


#78
4-Chlorotoluene
Concen: 18.483 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



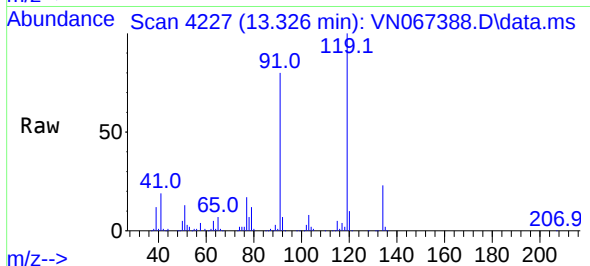
Tgt Ion: 91 Resp: 299099
Ion Ratio Lower Upper
91 100
126 27.7 0.0 57.6





#79
tert-butylbenzene
Concen: 19.199 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

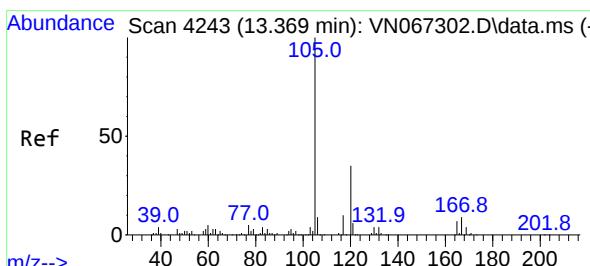
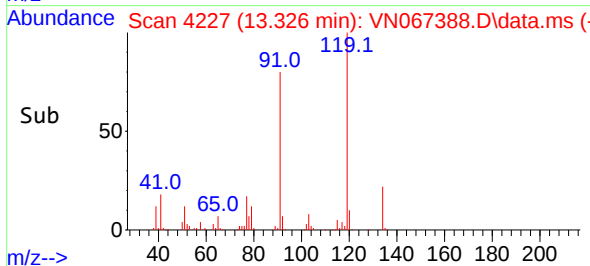
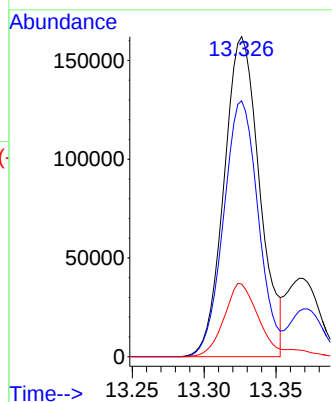
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



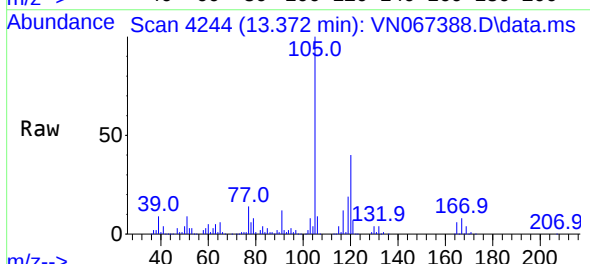
Tgt Ion:119 Resp: 279469
Ion Ratio Lower Upper
119 100
91 77.9 0.0 158.4
134 21.9 0.0 43.6

Manual Integrations
APPROVED

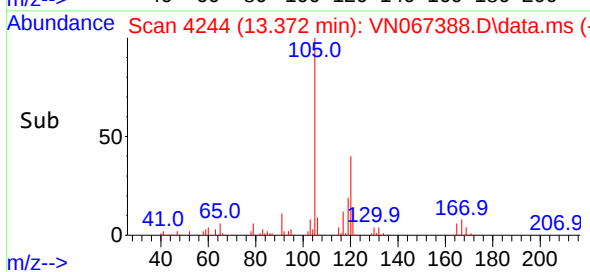
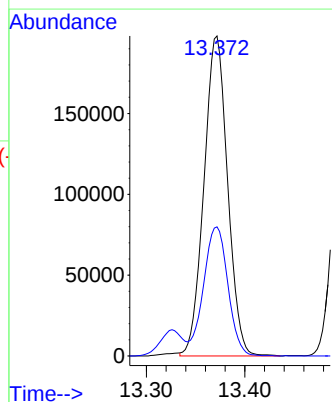
MMDadoda
6/18/2021 9:13:27 AM

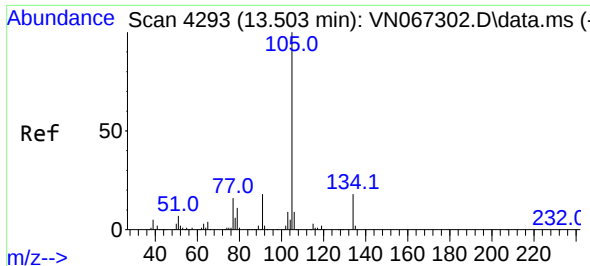


#80
1,2,4-Trimethylbenzene
Concen: 18.432 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



Tgt Ion:105 Resp: 329749
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.4





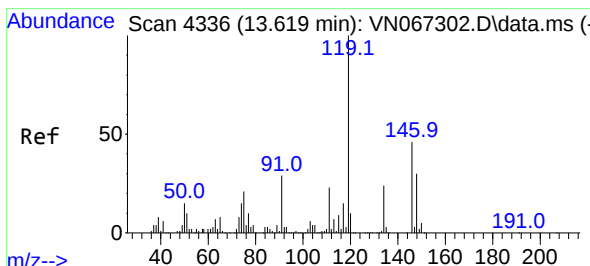
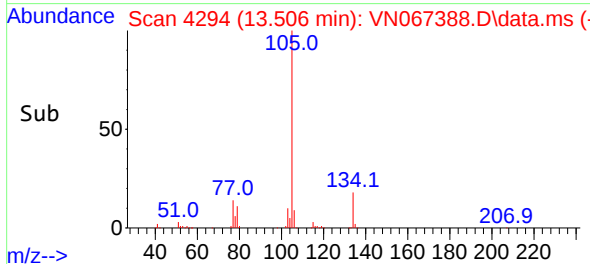
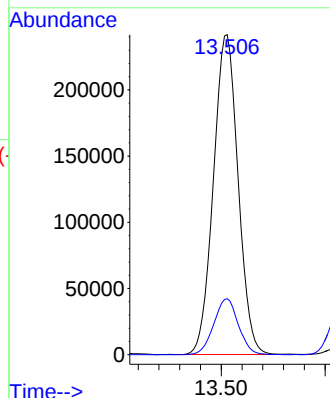
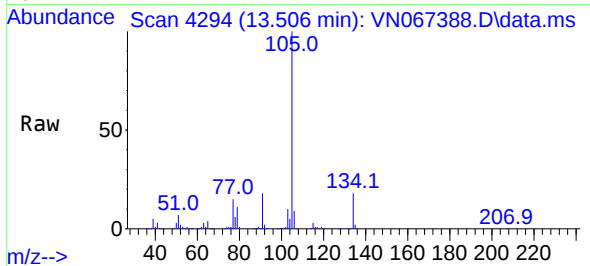
#81
 sec-Butylbenzene
 Concen: 19.715 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.003 min
 Lab File: VN067388.D
 Acq: 17 Jun 2021 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 398423
 Ion Ratio Lower Upper
 105 100
 134 17.4 0.0 35.4

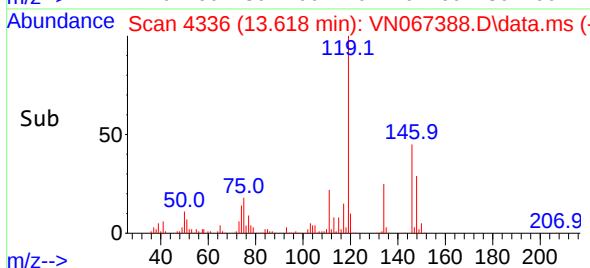
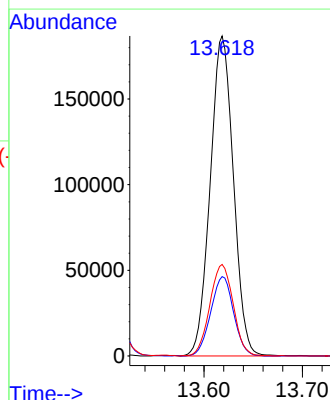
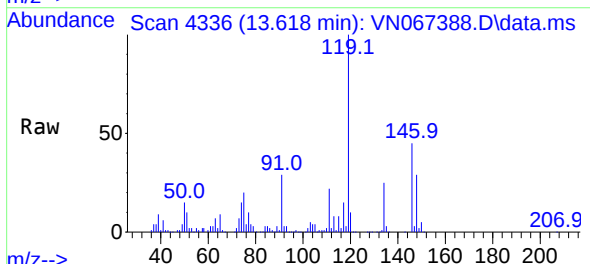
Manual Integrations
 APPROVED

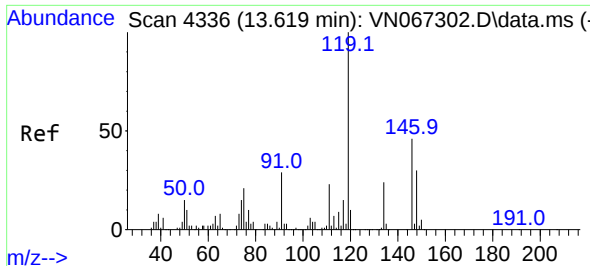
MMDadoda
 6/18/2021 9:13:27 AM



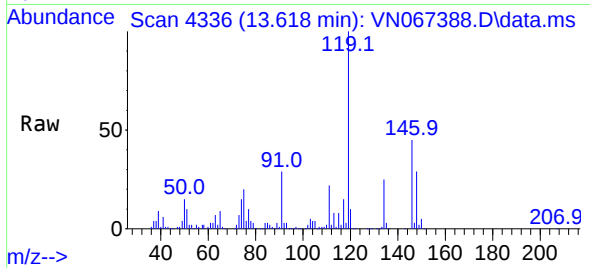
#82
 p-Isopropyltoluene
 Concen: 18.769 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN067388.D
 Acq: 17 Jun 2021 19:52

Tgt Ion:119 Resp: 305848
 Ion Ratio Lower Upper
 119 100
 134 24.5 0.0 49.0
 91 28.9 0.0 59.6

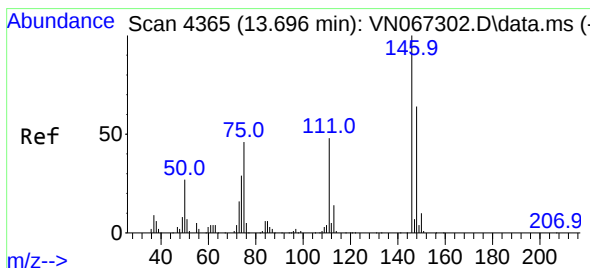
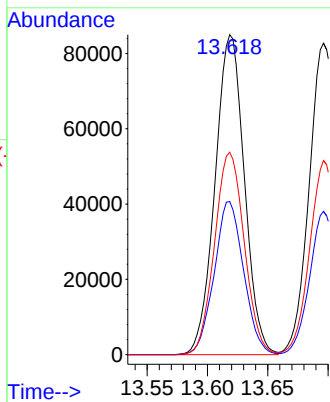
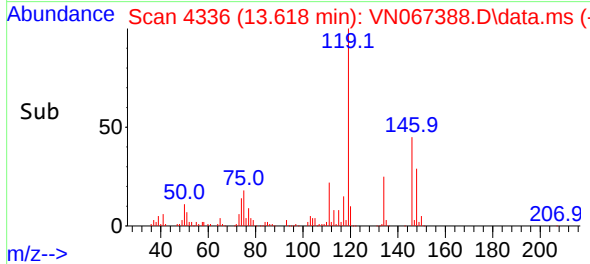




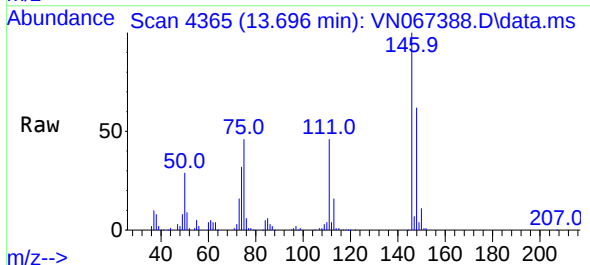
#83
1,3-Dichlorobenzene
Concen: 17.935 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



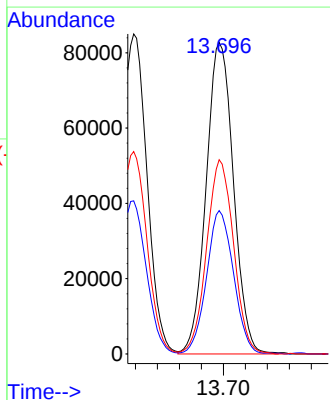
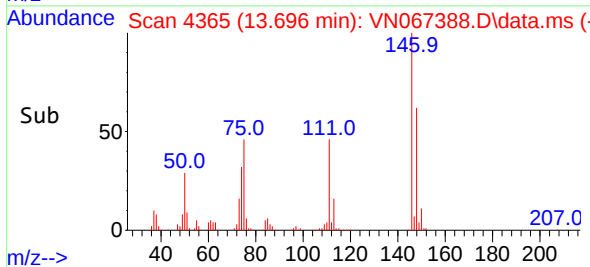
Tgt Ion:146 Resp: 143879
Ion Ratio Lower Upper
146 100
111 48.1 25.0 75.0
148 64.1 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 17.747 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



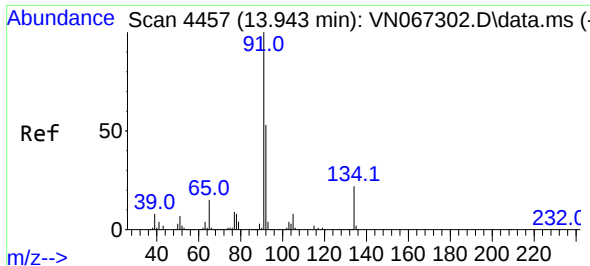
Tgt Ion:146 Resp: 142897
Ion Ratio Lower Upper
146 100
111 45.4 23.6 71.0
148 61.7 31.8 95.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

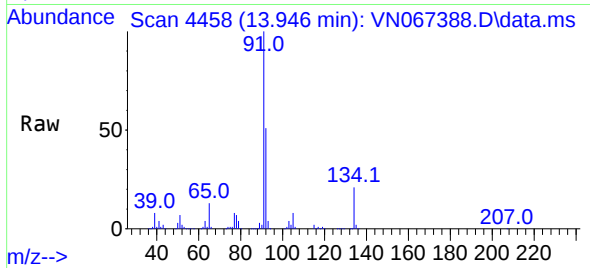
Manual Integrations
APPROVED

MMDadoda
6/18/2021 9:13:27 AM



#85
n-Butylbenzene
Concen: 19.712 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

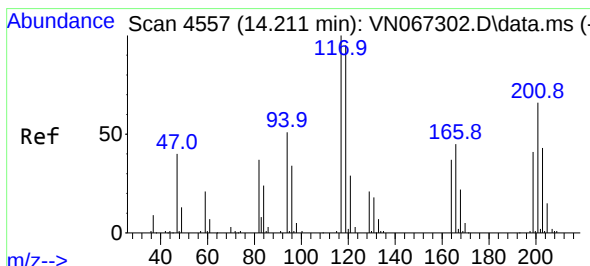
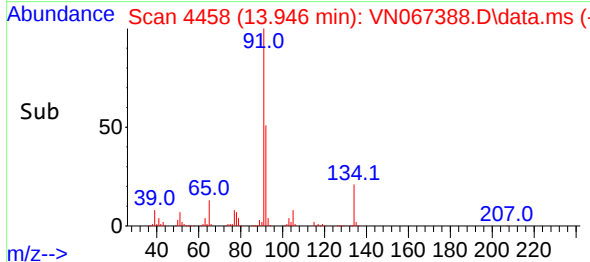
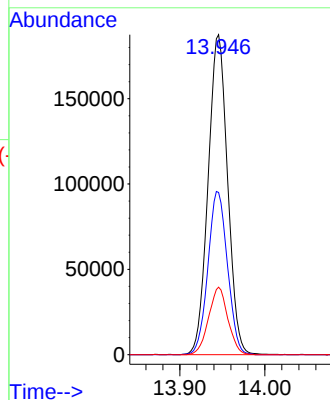
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 298805
Ion Ratio Lower Upper
91 100
92 51.1 0.0 103.0
134 20.9 0.0 43.6

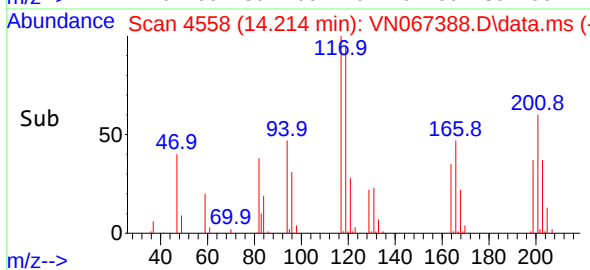
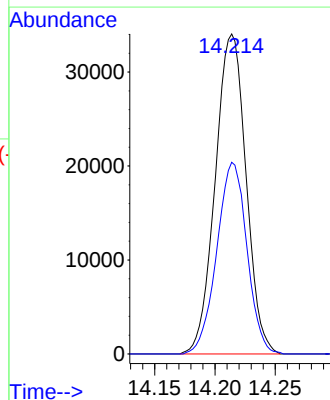
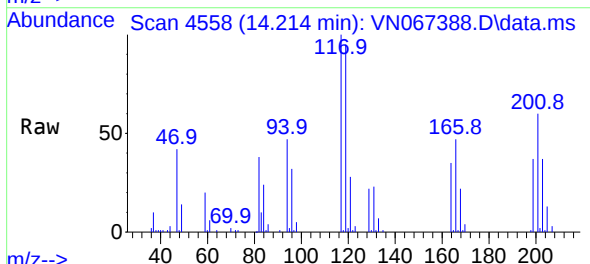
Manual Integrations
APPROVED

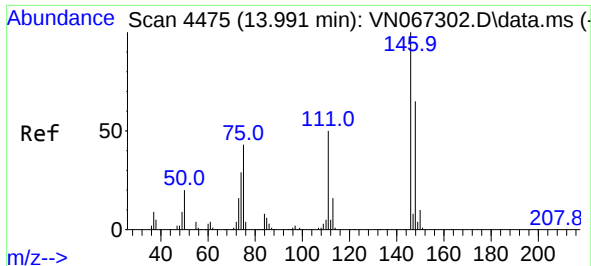
MMDadoda
6/18/2021 9:13:27 AM



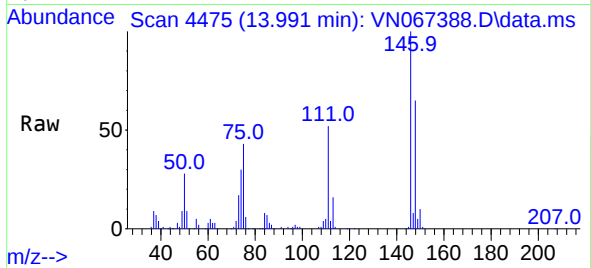
#86
Hexachloroethane
Concen: 18.151 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion: 117 Resp: 60520
Ion Ratio Lower Upper
117 100
201 58.7 33.3 99.9

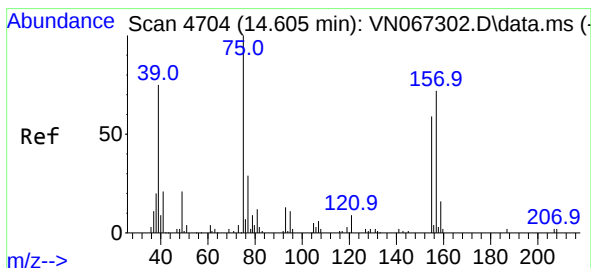
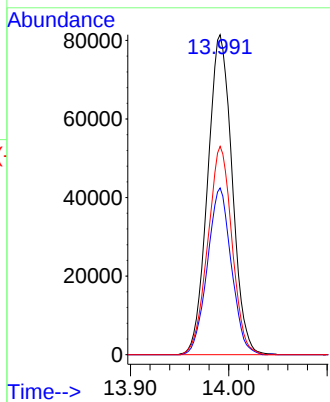
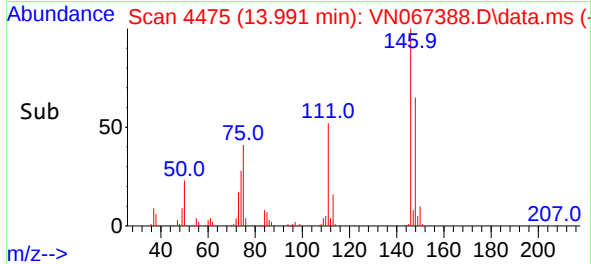




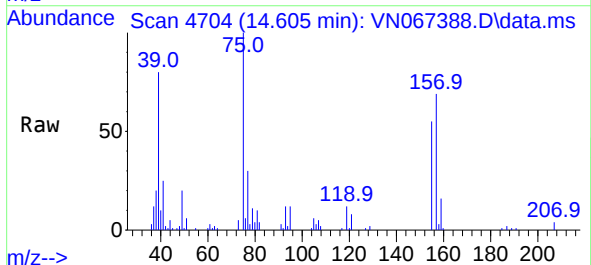
#87
1,2-Dichlorobenzene
Concen: 17.999 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



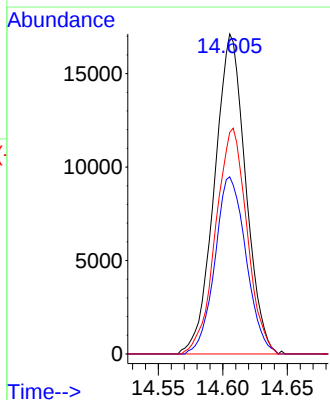
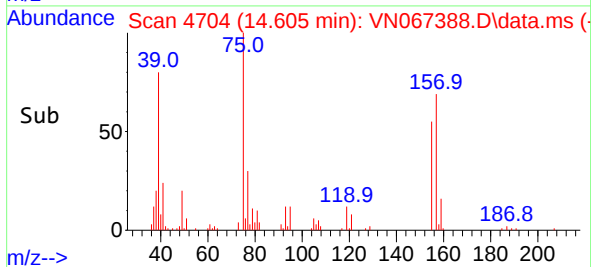
Tgt Ion:146 Resp: 140925
Ion Ratio Lower Upper
146 100
111 51.0 25.0 75.0
148 64.3 32.0 96.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.429 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52



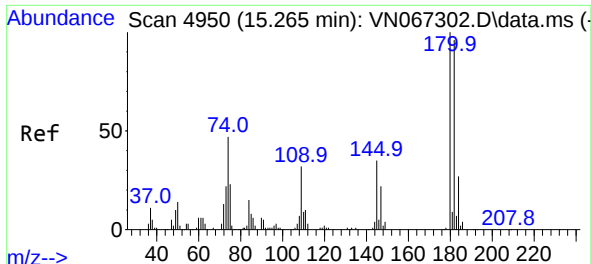
Tgt Ion: 75 Resp: 28719
Ion Ratio Lower Upper
75 100
155 55.2 45.3 67.9
157 71.1 58.6 87.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
6/18/2021 9:13:27 AM



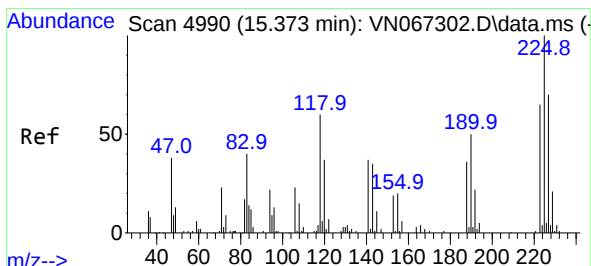
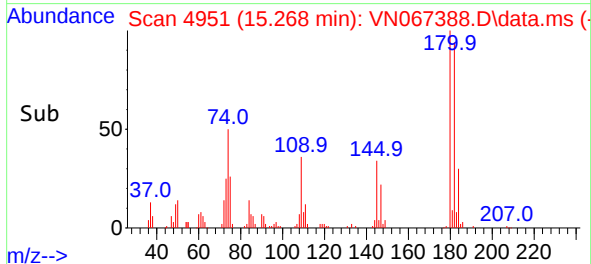
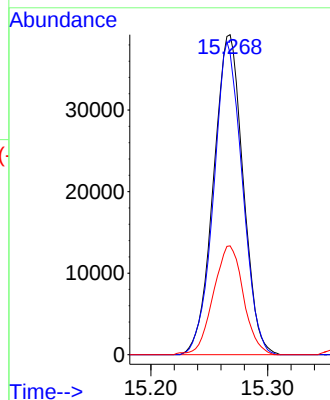
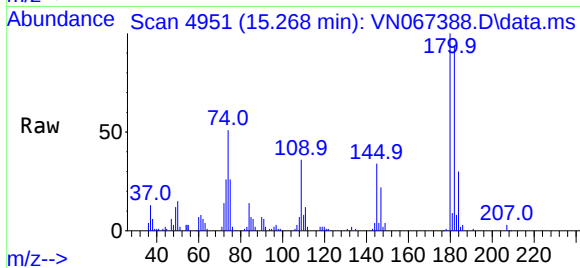
#89
1,2,4-Trichlorobenzene
Concen: 17.333 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion:180 Resp: 69022
Ion Ratio Lower Upper
180 100
182 94.4 75.9 113.9
145 34.5 28.8 43.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

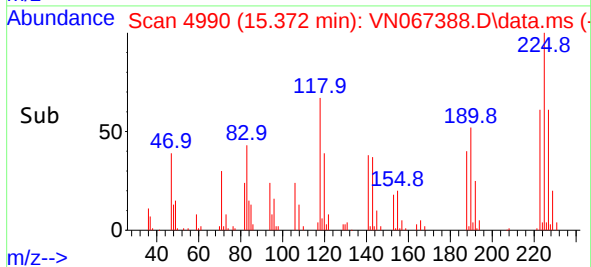
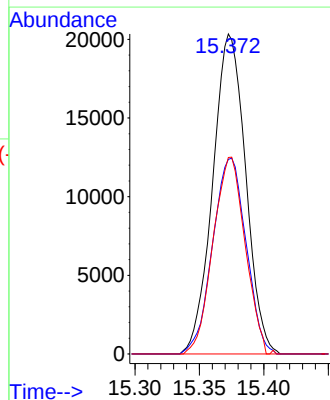
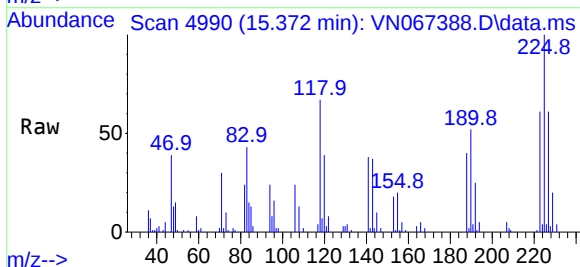
Manual Integrations
APPROVED

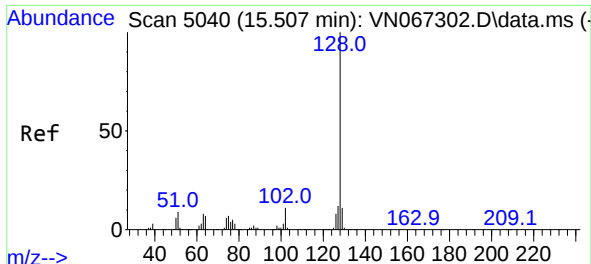
MMDadoda
6/18/2021 9:13:27 AM



#90
Hexachlorobutadiene
Concen: 17.103 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion:225 Resp: 36155
Ion Ratio Lower Upper
225 100
223 62.2 0.0 129.6
227 59.8 0.0 131.2





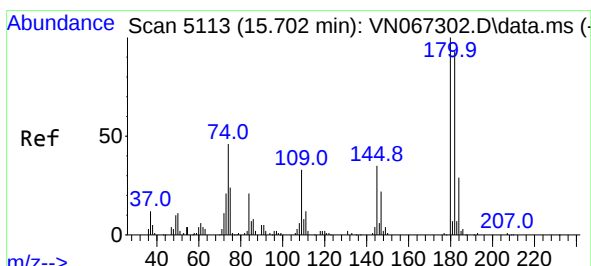
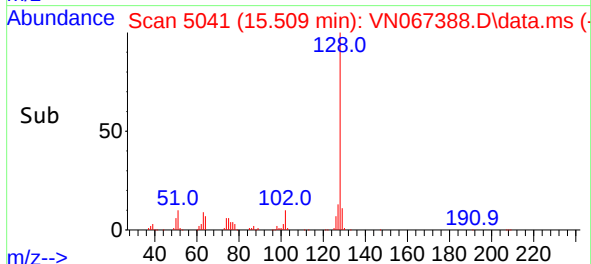
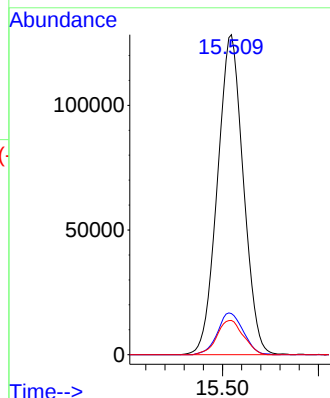
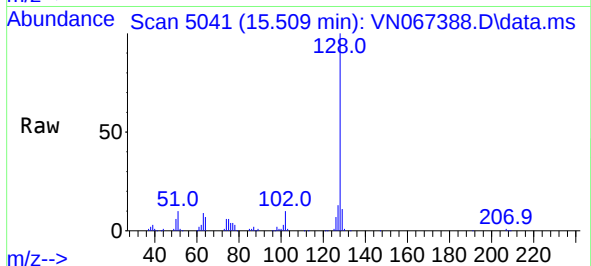
#91
Naphthalene
Concen: 17.975 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion:	128	Resp:	240287
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.1	15.1
129	11.0	8.9	13.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
6/18/2021 9:13:27 AM



#92
1,2,3-Trichlorobenzene
Concen: 17.905 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN067388.D
Acq: 17 Jun 2021 19:52

Tgt Ion:	180	Resp:	69340
Ion Ratio	Lower	Upper	
180	100		
182	93.4	0.0	184.6
145	38.0	0.0	76.0

