

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067064.D
 Acq On : 7 May 2021 20:34
 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
 5/10/2021 2:24:22 PM

Quant Time: May 08 04:10:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.115	128	76971	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	405840	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	369252	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	201640	29.90	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.67%		
60) 4-Bromofluorobenzene	12.347	95	180455	29.38	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.93%		
63) Toluene-d8	10.030	98	554889	30.34	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.13%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	113973	21.65	ug/l	99
3) Chloromethane	2.035	50	164313	20.46	ug/l	98
4) Vinyl Chloride	2.161	62	161433	20.79	ug/l	99
5) Bromomethane	2.515	94	87415	20.18	ug/l	94
6) Chloroethane	2.660	64	91438	20.43	ug/l	95
7) Trichlorofluoromethane	2.974	101	183957	19.50	ug/l	97
8) Diethyl Ether	3.357	74	60531	19.00	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.695	101	88208	19.32	ug/l	99
10) 1,1-Dichloroethene	3.674	96	85255	19.46	ug/l	98
11) Methyl Iodide	3.886	142	92063	15.45	ug/l	99
12) Methyl Acetate	4.253	43	112035	17.99	ug/l	92
13) Acrolein	3.548	56	127414	125.19	ug/l	97
14) Acrylonitrile	4.897	53	231805	94.15	ug/l	98
15) Acetone	3.757	58	65609	91.80	ug/l	86
16) Carbon Disulfide	3.985	76	280649	19.36	ug/l	100
17) Allyl chloride	4.248	41	164644	19.24	ug/l	98
18) Methylene Chloride	4.470	84	109586	18.42	ug/l	96
19) trans-1,2-Dichloroethene	4.953	96	93709	19.43	ug/l	95
20) Diisopropyl ether	5.870	45	305933	19.37	ug/l	89
21) 1,1-Dichloroethane	5.763	63	206135m	19.63	ug/l	
22) cis-1,2-Dichloroethene	6.739	96	106882	19.32	ug/l	98
23) tert-Butyl Alcohol	4.715	59	84316	85.97	ug/l #	100
24) Methyl tert-Butyl Ether	4.961	73	281285	19.37	ug/l	99
25) Chloroform	7.292	83	199456	19.69	ug/l	97
26) Cyclohexane	7.582	56	144449	19.79	ug/l #	98
29) 1,1-Dichloropropene	7.721	75	133125	18.76	ug/l	99
30) 2-Butanone	6.750	43	307622	90.39	ug/l	100
31) 2,2-Dichloropropane	6.737	77	162830	19.01	ug/l	98
32) 1,1,1-Trichloroethane	7.493	97	171694	18.63	ug/l	99
33) Carbon Tetrachloride	7.702	117	151654	18.91	ug/l	98
34) Benzene	7.970	78	430421	18.71	ug/l	96
35) Methacrylonitrile	7.091	41	61066	19.19	ug/l	90
36) 1,2-Dichloroethane	8.051	62	159402	18.59	ug/l	99
37) Trichloroethene	8.770	130	94907	19.06	ug/l	100
38) Methylcyclohexane	9.016	83	134678	19.07	ug/l	98
39) 1,2-Dichloropropane	9.054	63	118789	18.60	ug/l	98
40) Dibromomethane	9.145	93	73787	18.69	ug/l	97
41) Bromodichloromethane	9.341	83	153446	18.41	ug/l	96
42) Vinyl Acetate	5.809	43	1378695	94.00	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067064.D
 Acq On : 7 May 2021 20:34
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC020EC

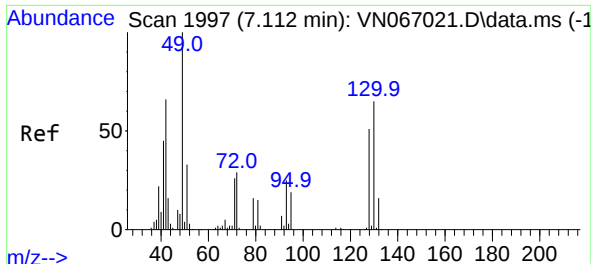
Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:24:22 PM

Quant Time: May 08 04:10:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.849	43	131380	16.38	ug/l	96
44) Isopropyl Acetate	8.096	43	221134	18.15	ug/l	98
45) 1,4-Dioxane	9.140	88	25970	333.74	ug/l	96
46) Methyl methacrylate	9.140	41	91905	17.92	ug/l	97
48) t-1,3-Dichloropropene	10.325	75	159941	18.72	ug/l	95
49) cis-1,3-Dichloropropene	9.778	75	179428	19.16	ug/l	98
50) 1,1,2-Trichloroethane	10.505	97	102130	18.71	ug/l	98
51) Ethyl methacrylate	10.373	69	132650	18.59	ug/l	99
52) 1,3-Dichloropropane	10.650	76	179665	18.95	ug/l	99
53) Dibromochloromethane	10.845	129	112828	18.80	ug/l	99
54) 1,2-Dibromoethane	10.947	107	98704	18.91	ug/l	98
55) 2-Chloroethyl vinyl ether	9.636	63	198653	145.39	ug/l	99
56) Bromoform	12.074	173	71159	17.85	ug/l #	100
58) 4-Methyl-2-Pentanone	9.923	43	657921	95.17	ug/l	97
59) 2-Hexanone	10.695	43	377274	92.54	ug/l	97
61) Tetrachloroethene	10.572	164	82523	19.72	ug/l	98
62) Toluene	10.095	91	441530	19.39	ug/l	100
64) Chlorobenzene	11.377	112	252046	18.95	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.452	131	103743	19.54	ug/l	98
66) Ethyl Benzene	11.457	91	452652	19.57	ug/l	99
67) m/p-Xylenes	11.567	106	338600	38.99	ug/l	100
68) o-Xylene	11.894	106	168815	19.70	ug/l	96
69) Styrene	11.913	104	252521	19.17	ug/l	100
70) Isopropylbenzene	12.197	105	437558	19.69	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.449	83	149965	18.54	ug/l	98
72) 1,2,3-Trichloropropane	12.503	75	134296m	18.32	ug/l	
73) Bromobenzene	12.473	156	99189	18.48	ug/l	96
74) n-propylbenzene	12.538	91	498212	19.56	ug/l	99
75) 2-Chlorotoluene	12.621	91	322871	19.72	ug/l	99
76) 1,3,5-Trimethylbenzene	12.680	105	377054	19.19	ug/l	99
77) t-1,4-Dichloro-2-butene	12.254	75	27819	16.92	ug/l	94
78) 4-Chlorotoluene	12.723	91	301118	20.49	ug/l	98
79) tert-butylbenzene	12.937	119	320404	19.25	ug/l	99
80) 1,2,4-Trimethylbenzene	12.988	105	363952	19.76	ug/l	96
81) sec-Butylbenzene	13.117	105	423598	19.25	ug/l	99
82) p-Isopropyltoluene	13.238	119	348897	19.93	ug/l	99
83) 1,3-Dichlorobenzene	13.232	146	170320	19.12	ug/l	99
84) 1,4-Dichlorobenzene	13.316	146	150580	16.33	ug/l	92
85) n-Butylbenzene	13.565	91	271173	19.24	ug/l	95
86) Hexachloroethane	13.817	117	68632	17.71	ug/l	98
87) 1,2-Dichlorobenzene	13.603	146	171647	18.59	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.230	75	27092	17.28	ug/l	96
89) 1,2,4-Trichlorobenzene	14.858	180	98759	21.19	ug/l	97
90) Hexachlorobutadiene	14.949	225	60294	19.17	ug/l	96
91) Naphthalene	15.078	128	298005	23.33	ug/l	100
92) 1,2,3-Trichlorobenzene	15.255	180	98134	20.10	ug/l	97

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



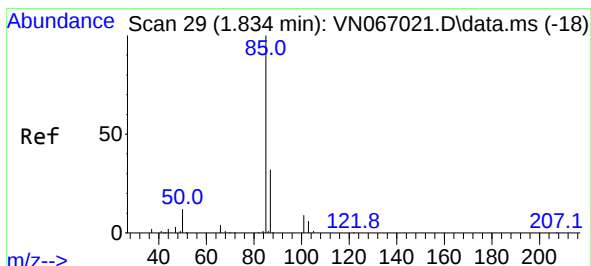
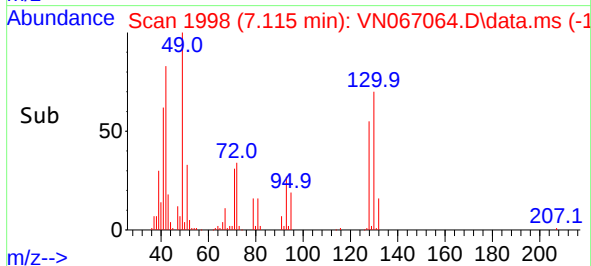
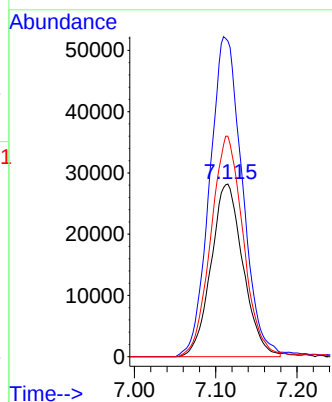
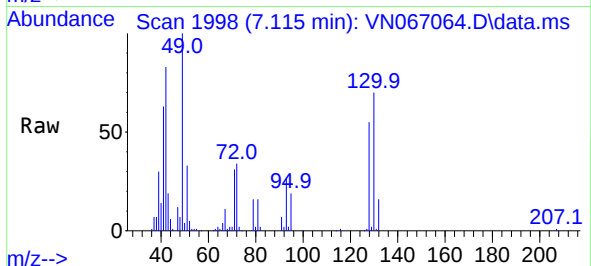
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.115 min Scan# 1998
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:	128	Resp:	76971
Ion	Ratio	Lower	Upper
128	100		
49	189.5	0.0	486.3
130	129.4	0.0	326.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

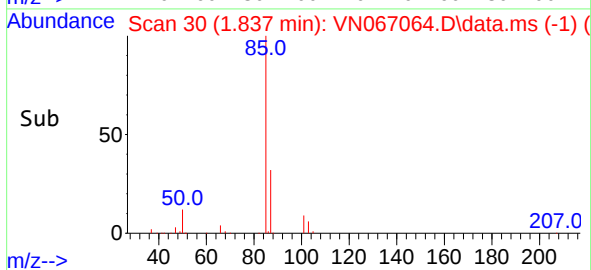
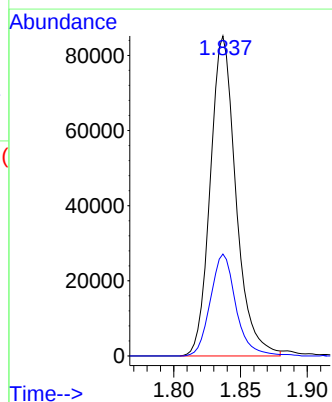
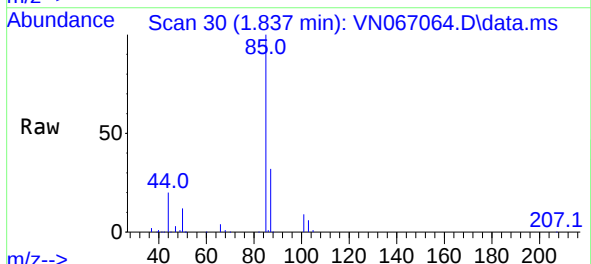
Manual Integrations
APPROVED

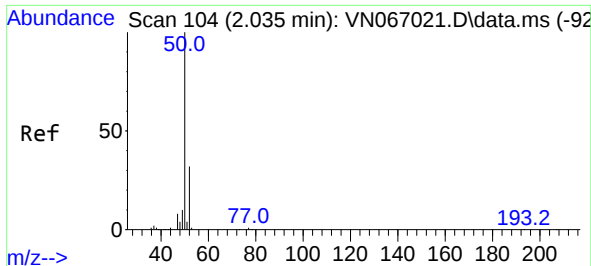
MMDadoda
5/10/2021 2:24:22 PM



#2
Dichlorodifluoromethane
Concen: 21.65 ug/l
RT: 1.837 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:	85	Resp:	113973
Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.1	48.3





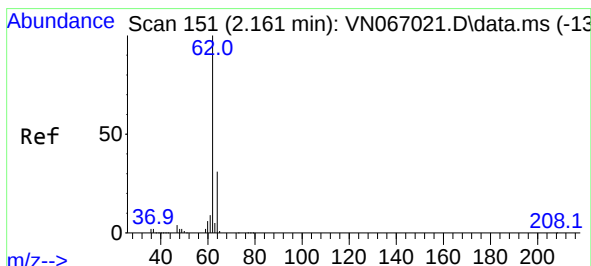
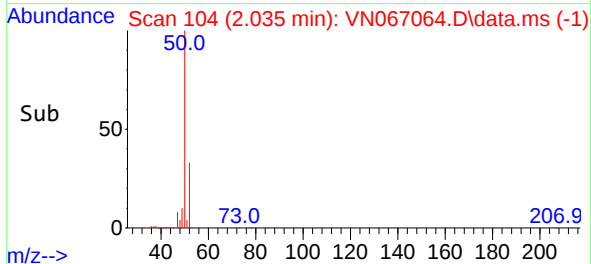
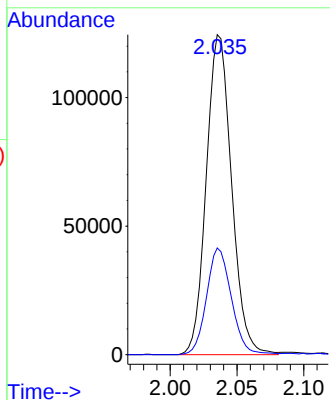
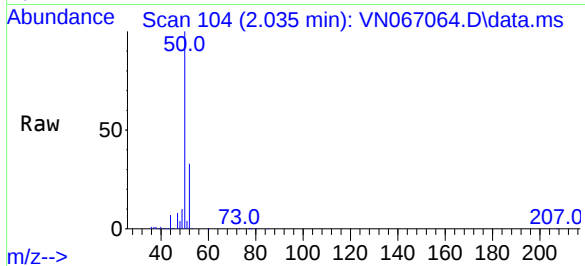
#3
Chloromethane
Concen: 20.46 ug/l
RT: 2.035 min Scan# 104
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 50 Resp: 164313
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

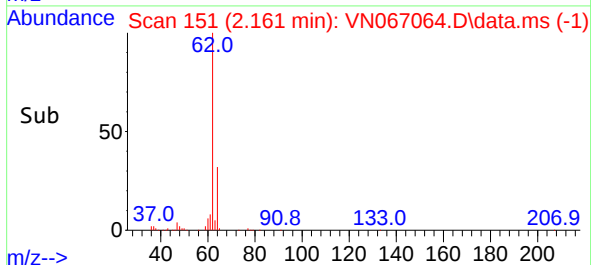
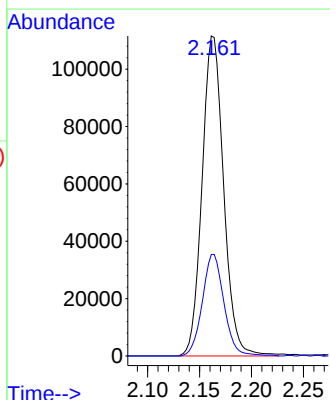
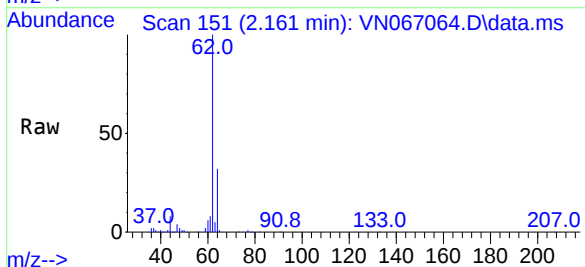
Manual Integrations
APPROVED

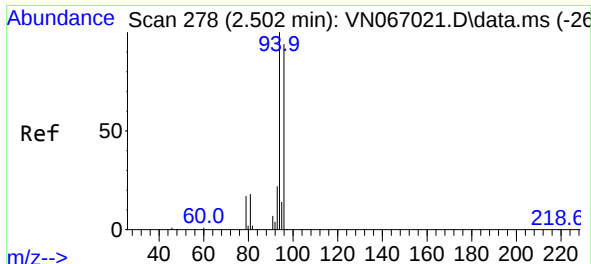
MMDadoda
5/10/2021 2:24:22 PM



#4
Vinyl Chloride
Concen: 20.79 ug/l
RT: 2.161 min Scan# 151
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 62 Resp: 161433
Ion Ratio Lower Upper
62 100
64 31.7 24.7 37.1





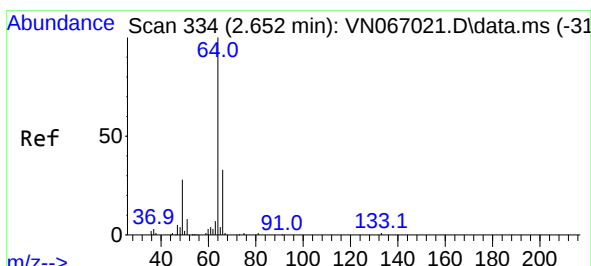
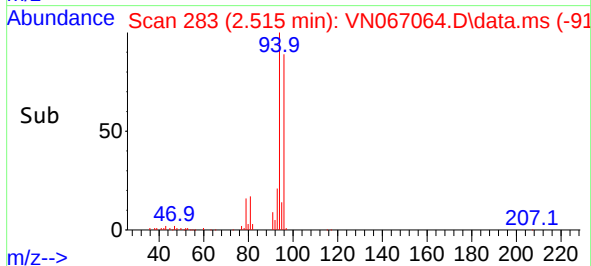
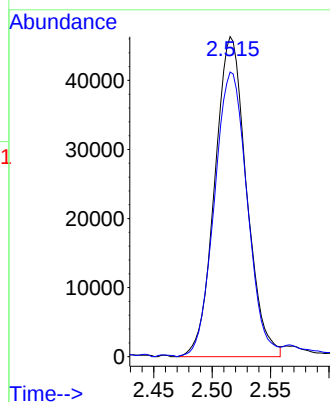
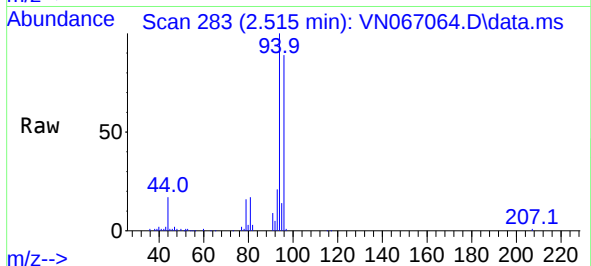
#5
Bromomethane
Concen: 20.18 ug/l
RT: 2.515 min Scan# 283
Delta R.T. 0.014 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 94 Resp: 87415
Ion Ratio Lower Upper
94 100
96 88.6 75.4 113.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

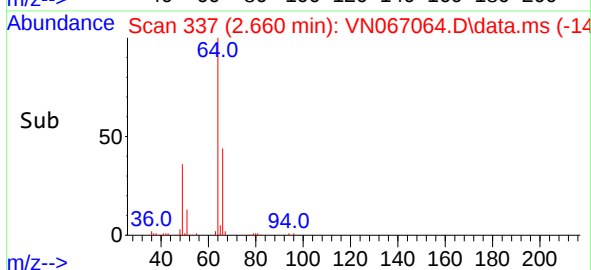
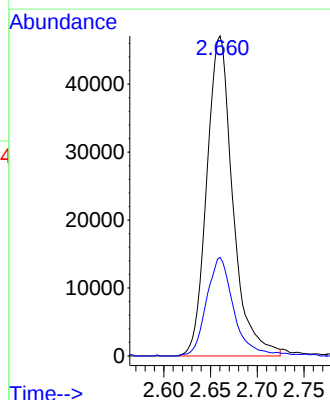
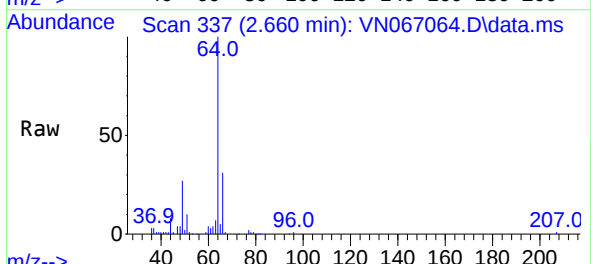
Manual Integrations
APPROVED

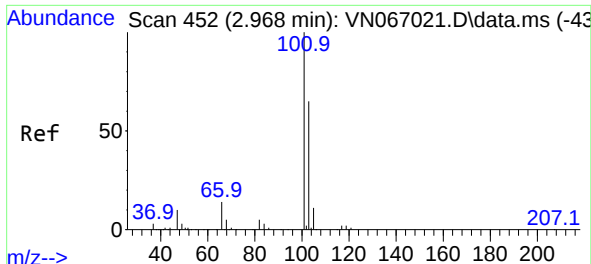
MMDadoda
5/10/2021 2:24:22 PM



#6
Chloroethane
Concen: 20.43 ug/l
RT: 2.660 min Scan# 337
Delta R.T. 0.008 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

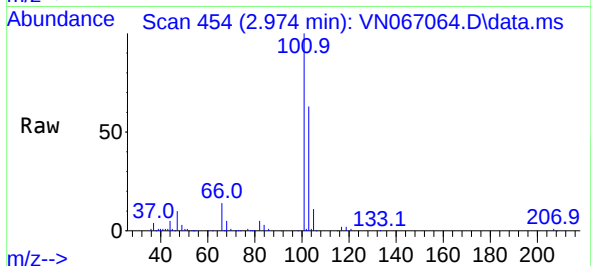
Tgt Ion: 64 Resp: 91438
Ion Ratio Lower Upper
64 100
66 30.4 26.7 40.1





#7
Trichlorofluoromethane
Concen: 19.50 ug/l
RT: 2.974 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

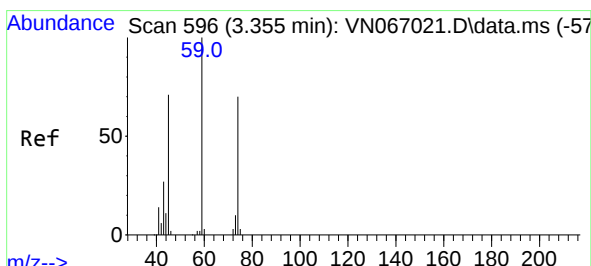
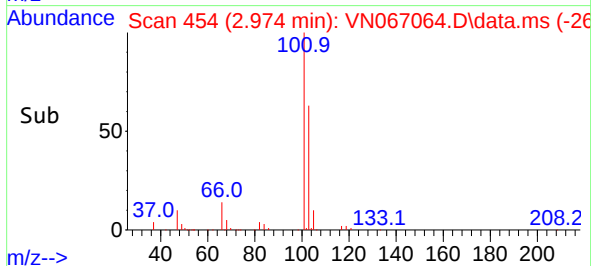
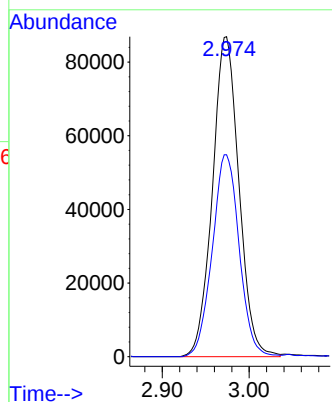
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:101 Resp: 183957
Ion Ratio Lower Upper
101 100
103 63.1 52.3 78.5

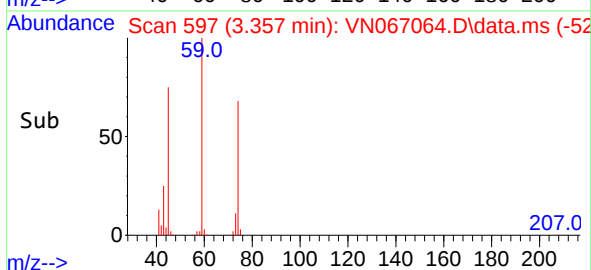
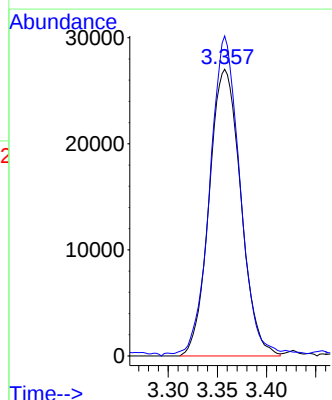
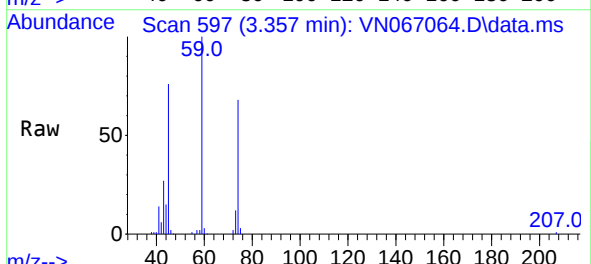
Manual Integrations
APPROVED

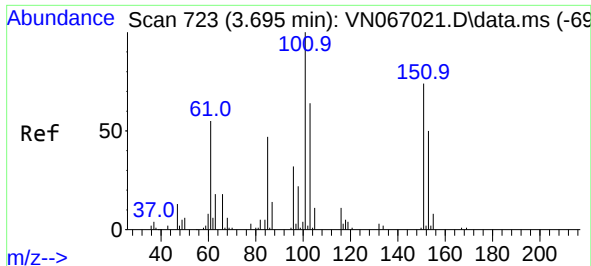
MMDadoda
5/10/2021 2:24:22 PM



#8
Diethyl Ether
Concen: 19.00 ug/l
RT: 3.357 min Scan# 597
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 74 Resp: 60531
Ion Ratio Lower Upper
74 100
45 104.8 21.1 190.3





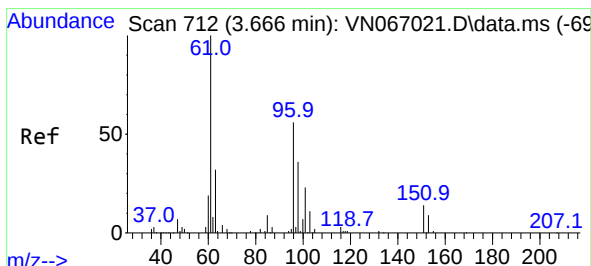
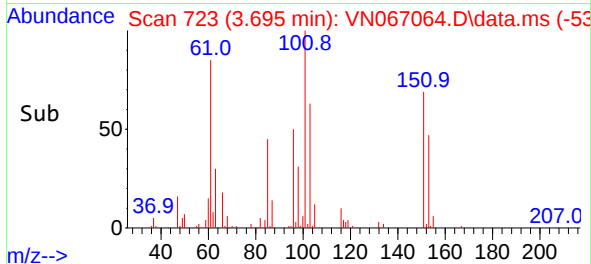
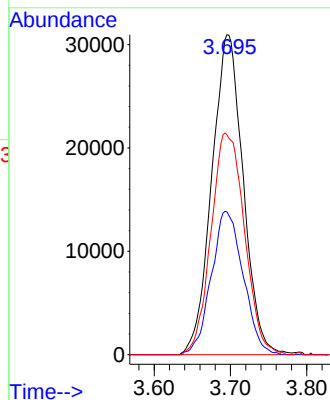
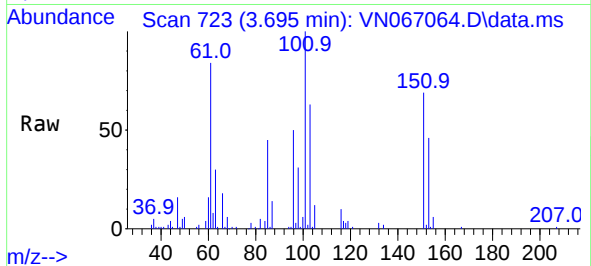
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.32 ug/l
RT: 3.695 min Scan# 723
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:	101	Resp:	88208
Ion	Ratio	Lower	Upper
101	100		
85	45.8	0.0	90.4
151	74.1	0.0	145.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

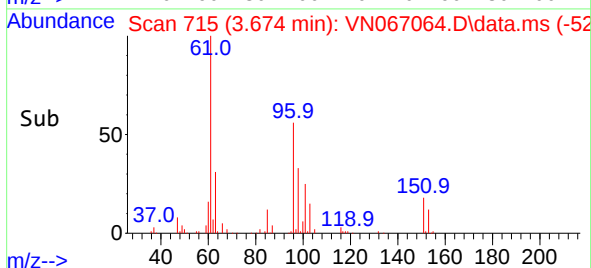
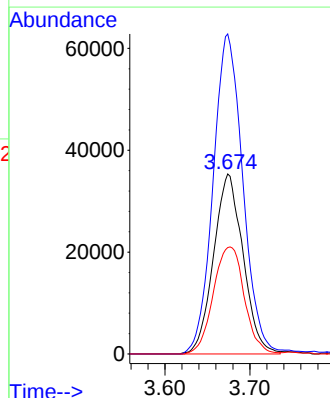
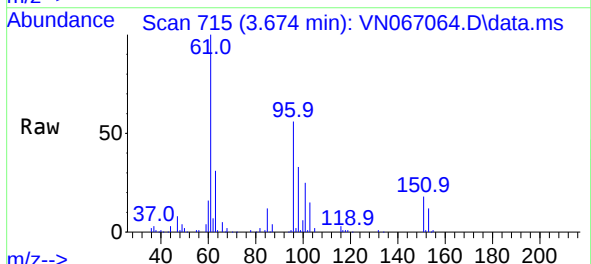
Manual Integrations
APPROVED

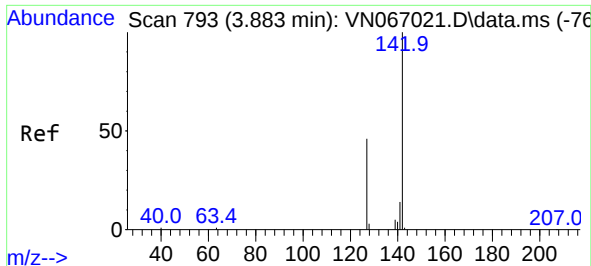
MMDadoda
5/10/2021 2:24:22 PM



#10
1,1-Dichloroethene
Concen: 19.46 ug/l
RT: 3.674 min Scan# 715
Delta R.T. 0.008 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

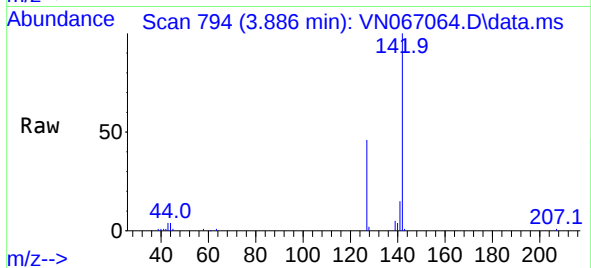
Tgt Ion:	96	Resp:	85255
Ion	Ratio	Lower	Upper
96	100		
61	177.7	142.5	213.7
98	59.1	51.3	76.9





#11
Methyl Iodide
Concen: 15.45 ug/l
RT: 3.886 min Scan# 794
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

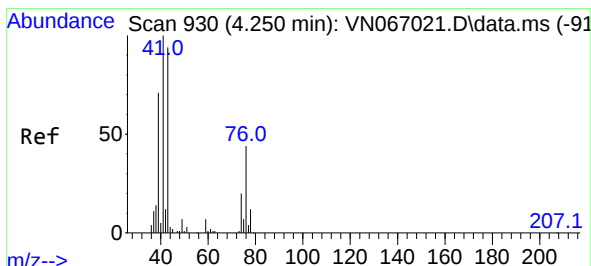
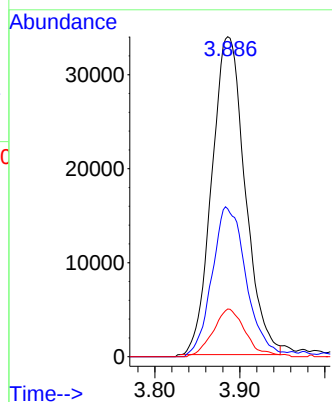
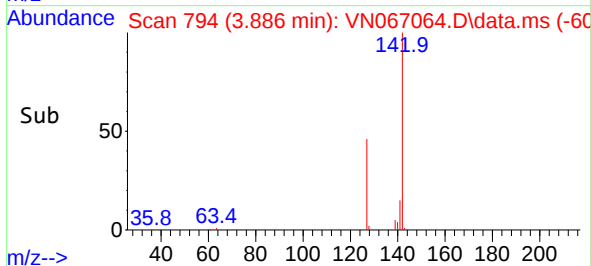
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



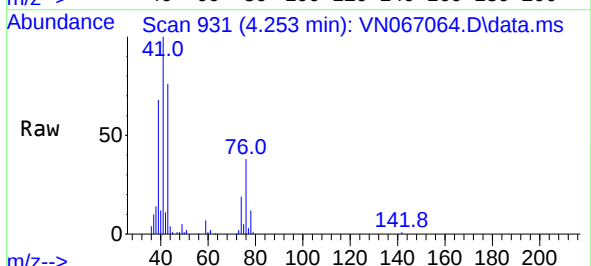
Tgt Ion:142 Resp: 92063
Ion Ratio Lower Upper
142 100
127 46.4 22.9 68.5
141 14.5 7.1 21.4

Manual Integrations
APPROVED

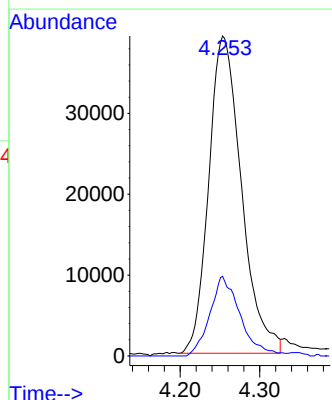
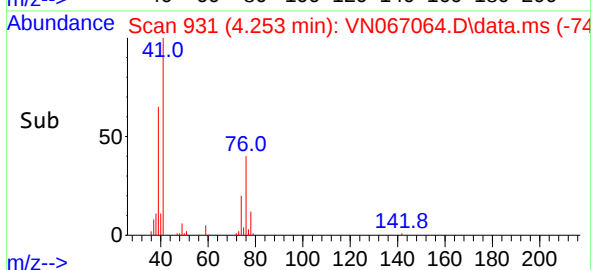
MMDadoda
5/10/2021 2:24:22 PM

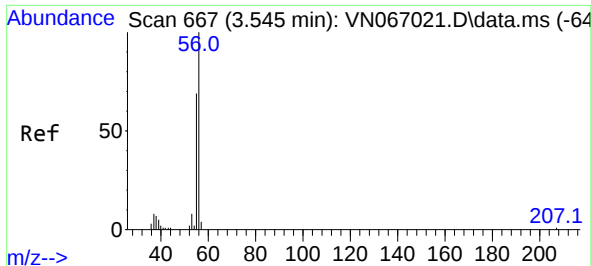


#12
Methyl Acetate
Concen: 17.99 ug/l
RT: 4.253 min Scan# 931
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

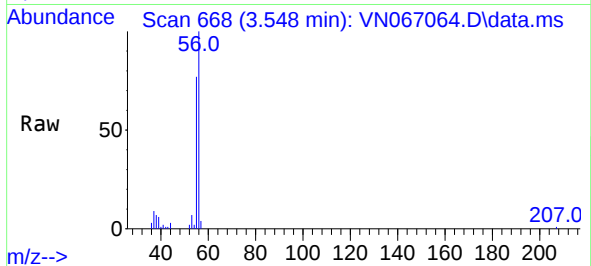


Tgt Ion: 43 Resp: 112035
Ion Ratio Lower Upper
43 100
74 25.2 17.2 25.8

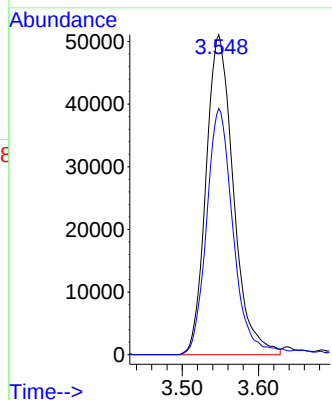




#13
Acrolein
Concen: 125.19 ug/l
RT: 3.548 min Scan# 668
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



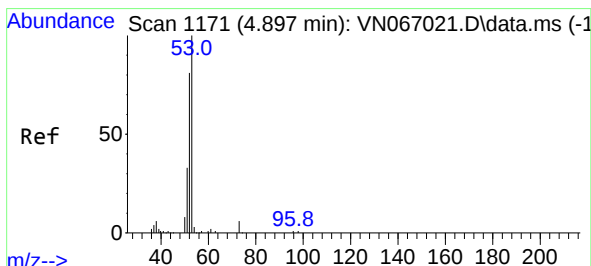
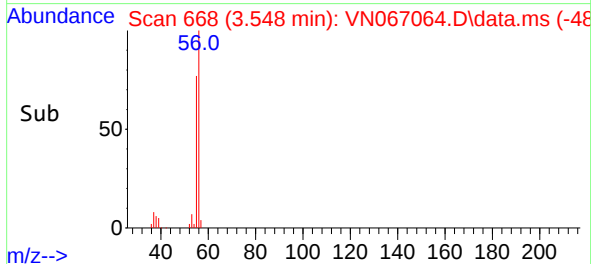
Tgt Ion: 56 Resp: 127414
Ion Ratio Lower Upper
56 100
55 73.3 56.6 84.8



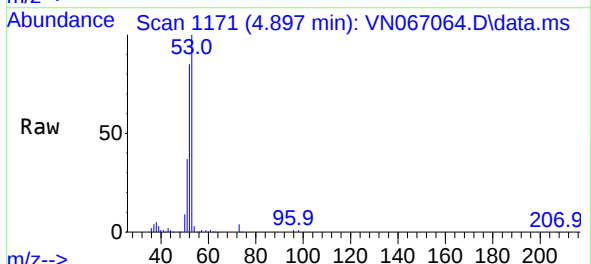
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

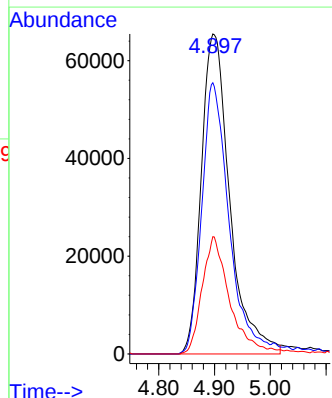
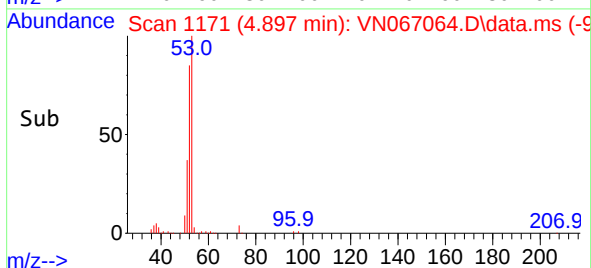
MMDadoda
5/10/2021 2:24:22 PM

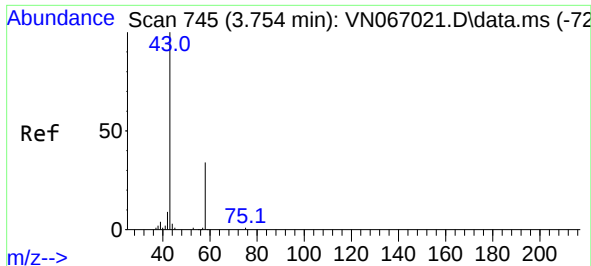


#14
Acrylonitrile
Concen: 94.15 ug/l
RT: 4.897 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



Tgt Ion: 53 Resp: 231805
Ion Ratio Lower Upper
53 100
52 80.7 39.1 117.3
51 34.9 17.3 51.7





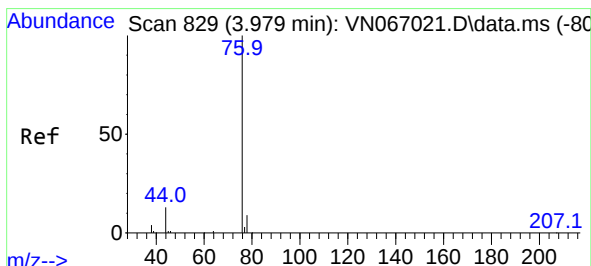
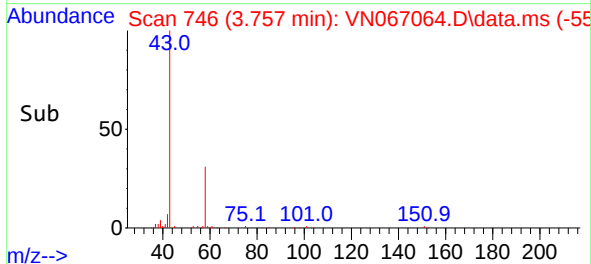
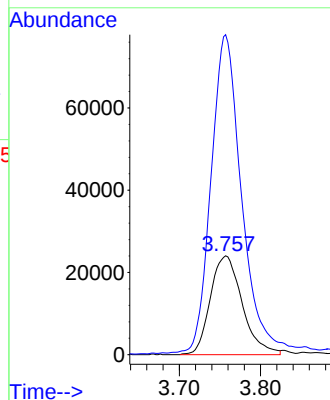
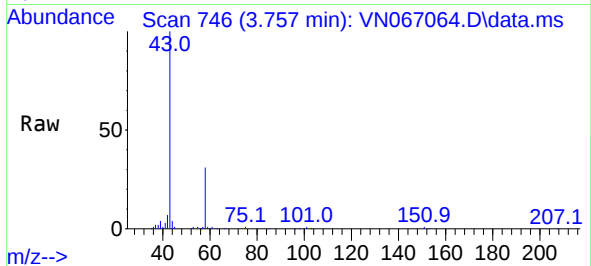
#15
Acetone
Concen: 91.80 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 58 Resp: 65609
Ion Ratio Lower Upper
58 100
43 320.6 235.0 352.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

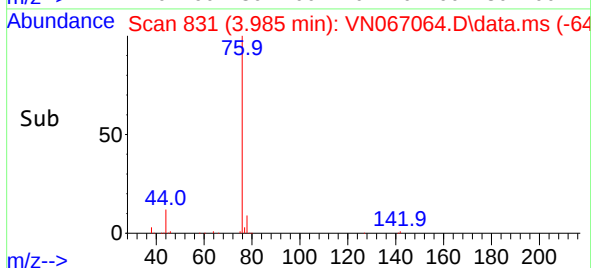
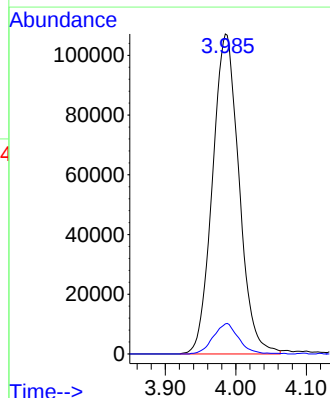
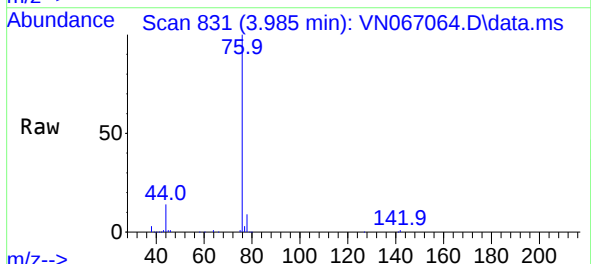
Manual Integrations
APPROVED

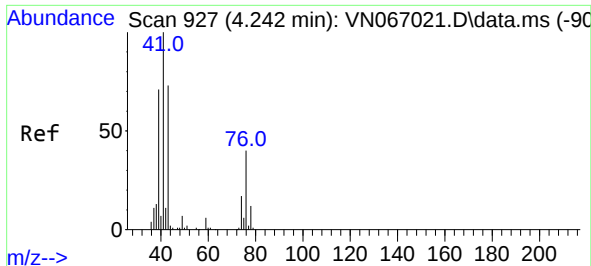
MMDadoda
5/10/2021 2:24:22 PM



#16
Carbon Disulfide
Concen: 19.36 ug/l
RT: 3.985 min Scan# 831
Delta R.T. 0.006 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

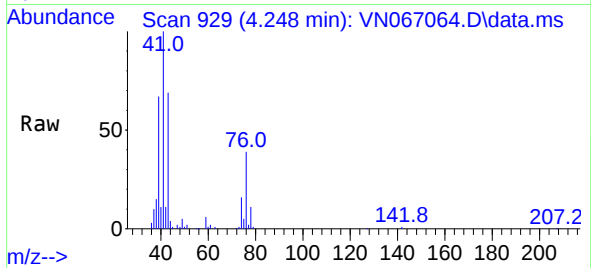
Tgt Ion: 76 Resp: 280649
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3





#17
 Allyl chloride
 Concen: 19.24 ug/l
 RT: 4.248 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VN067064.D
 Acq: 7 May 2021 20:34

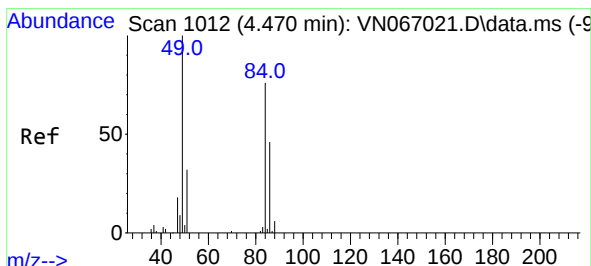
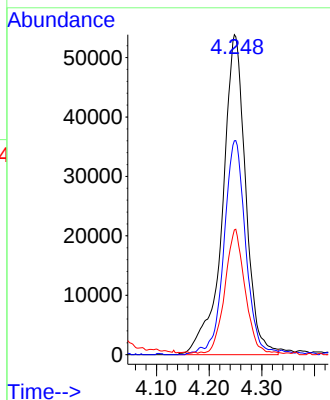
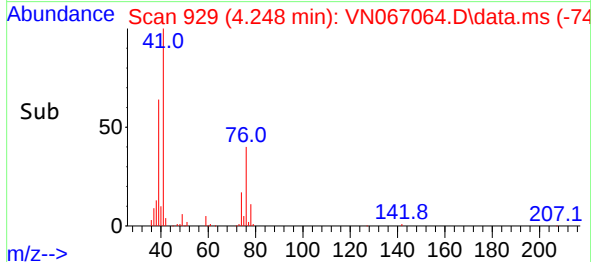
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



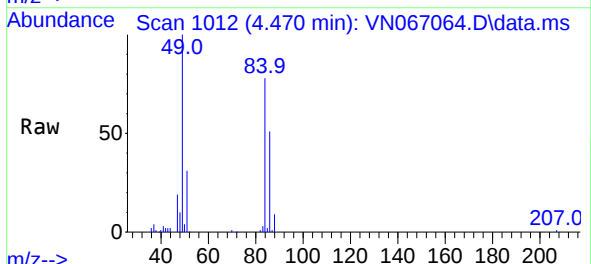
Tgt Ion: 41 Resp: 164644
 Ion Ratio Lower Upper
 41 100
 39 66.6 33.1 99.5
 76 38.3 17.9 53.8

Manual Integrations
 APPROVED

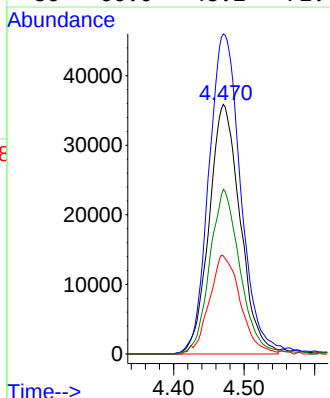
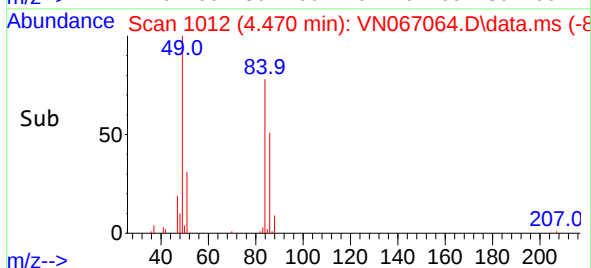
MMDadoda
 5/10/2021 2:24:22 PM

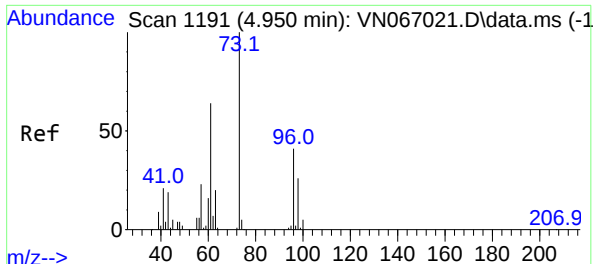


#18
 Methylene Chloride
 Concen: 18.42 ug/l
 RT: 4.470 min Scan# 1012
 Delta R.T. 0.000 min
 Lab File: VN067064.D
 Acq: 7 May 2021 20:34



Tgt Ion: 84 Resp: 109586
 Ion Ratio Lower Upper
 84 100
 49 127.7 105.0 157.6
 51 39.3 33.3 49.9
 86 66.0 48.2 72.4





#19

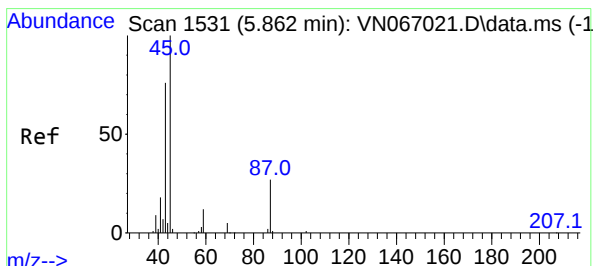
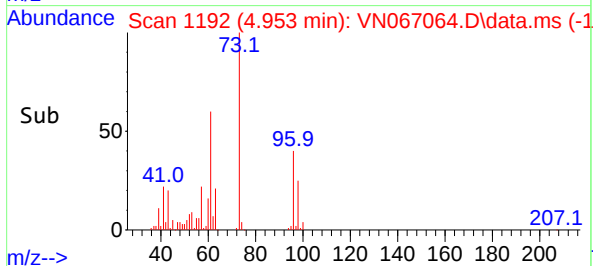
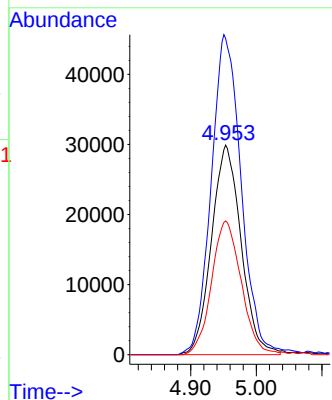
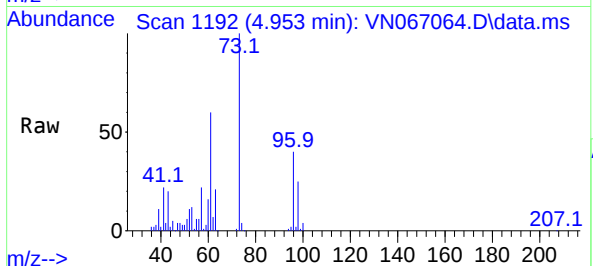
trans-1,2-Dichloroethene
Concen: 19.43 ug/l
RT: 4.953 min Scan# 1192
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 96 Resp: 93709
Ion Ratio Lower Upper
96 100
61 150.2 127.2 190.8
98 63.8 50.9 76.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

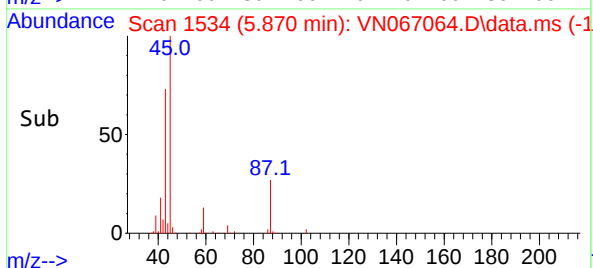
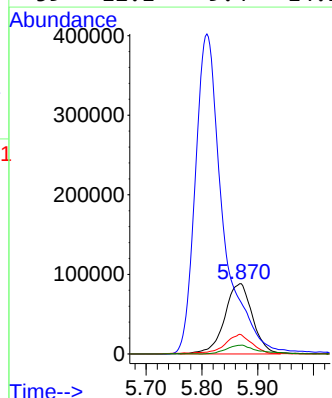
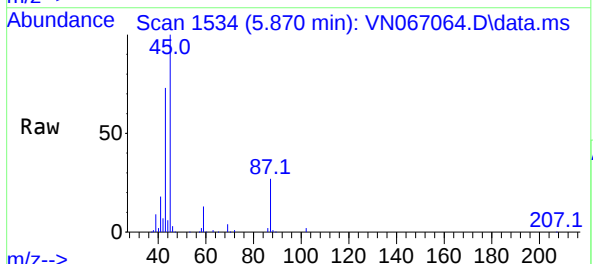
MMDadoda
5/10/2021 2:24:22 PM

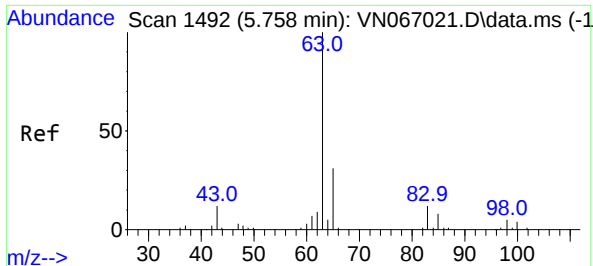


#20

Diisopropyl ether
Concen: 19.37 ug/l
RT: 5.870 min Scan# 1534
Delta R.T. 0.008 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 45 Resp: 305933
Ion Ratio Lower Upper
45 100
43 66.7 64.3 96.5
87 26.8 22.0 33.0
59 12.1 9.4 14.2





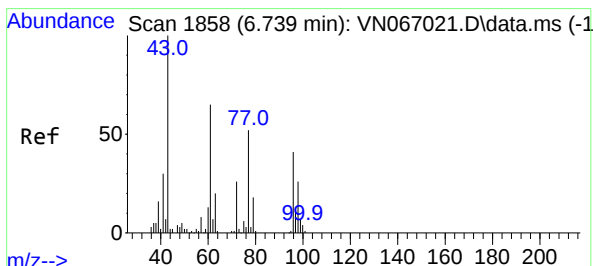
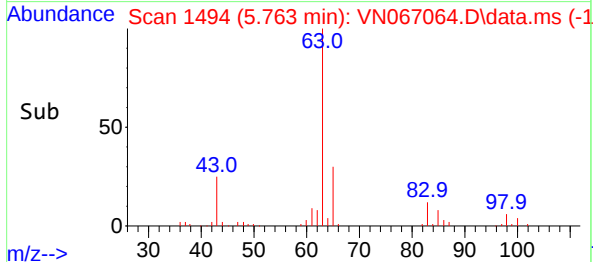
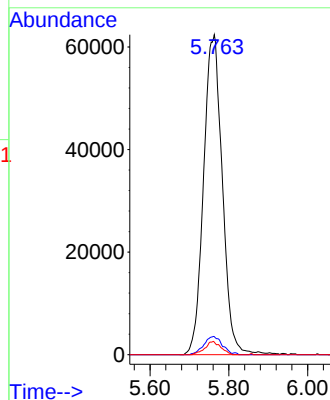
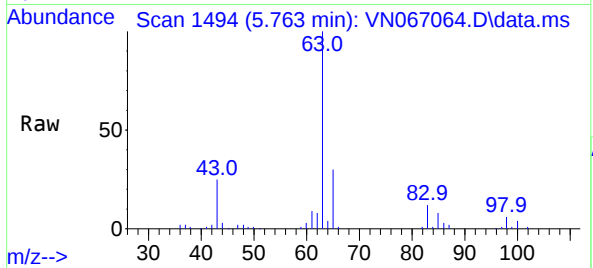
#21
1,1-Dichloroethane
Concen: 19.63 ug/l m
RT: 5.763 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 63 Resp: 206135
Ion Ratio Lower Upper
63 100
98 5.6 2.6 8.0
100 3.9 2.0 5.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

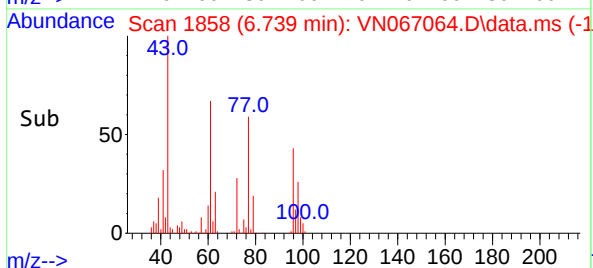
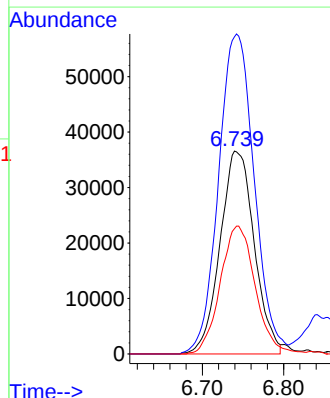
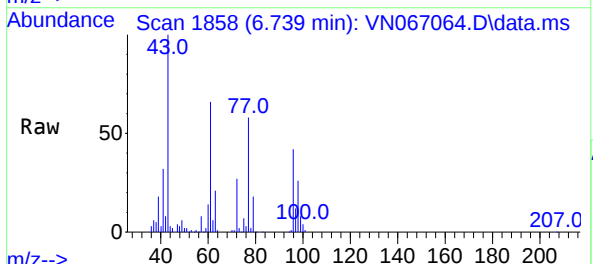
Manual Integrations
APPROVED

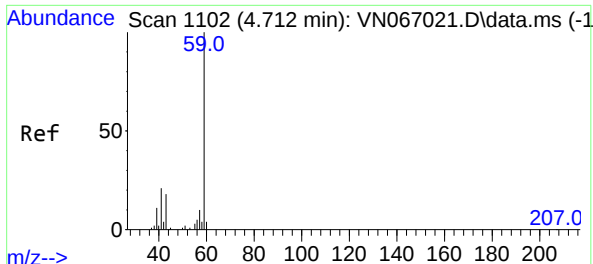
MMDadoda
5/10/2021 2:24:22 PM



#22
cis-1,2-Dichloroethene
Concen: 19.32 ug/l
RT: 6.739 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 96 Resp: 106882
Ion Ratio Lower Upper
96 100
61 164.6 129.4 194.2
98 64.5 52.0 78.0





#23

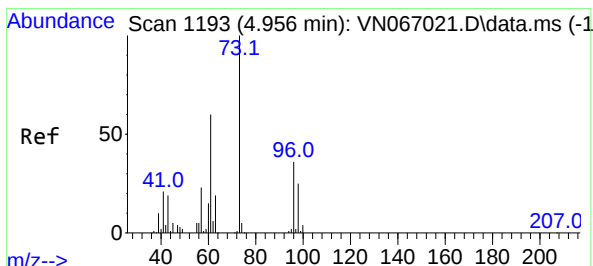
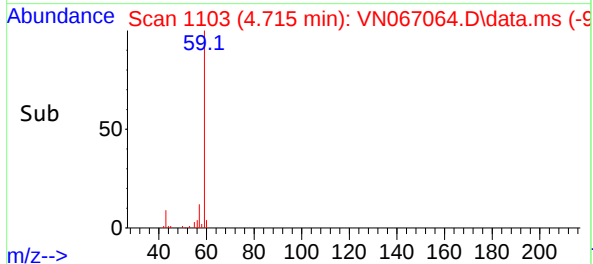
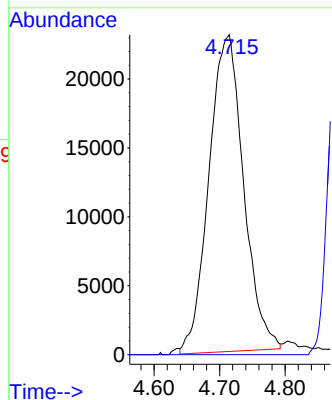
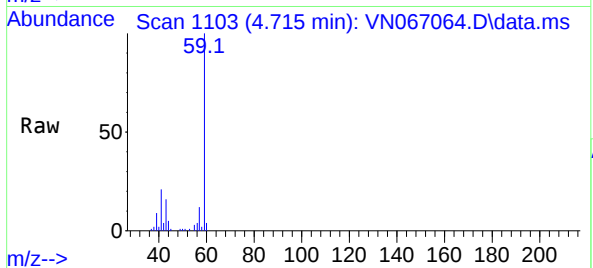
tert-Butyl Alcohol
Concen: 85.97 ug/l
RT: 4.715 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 59 Resp: 84316
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

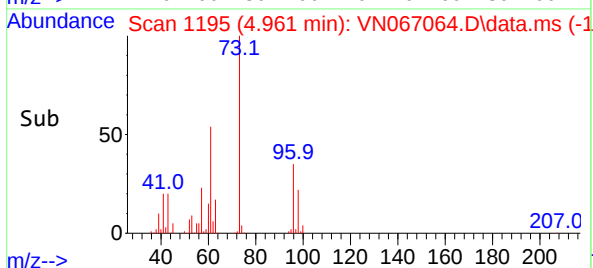
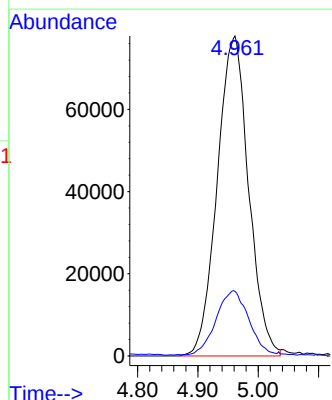
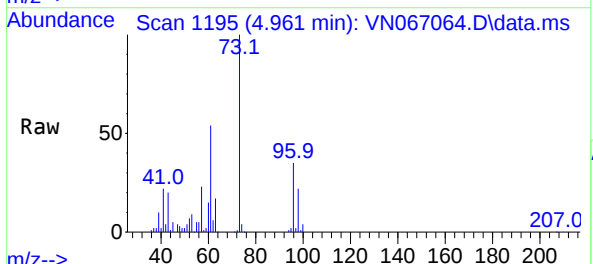
MMDadoda
5/10/2021 2:24:22 PM

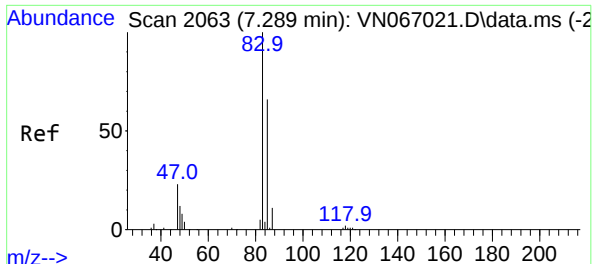


#24

Methyl tert-Butyl Ether
Concen: 19.37 ug/l
RT: 4.961 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 73 Resp: 281285
Ion Ratio Lower Upper
73 100
43 20.6 16.2 24.4





#25

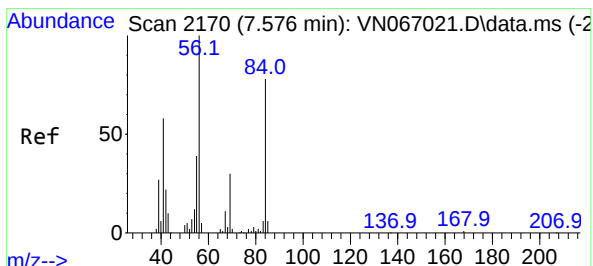
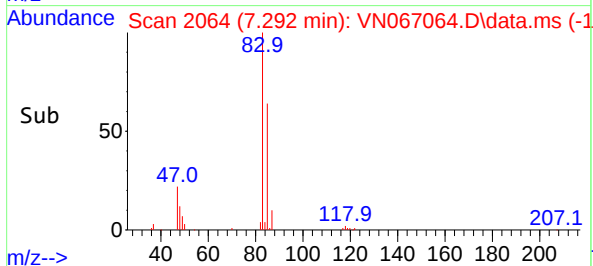
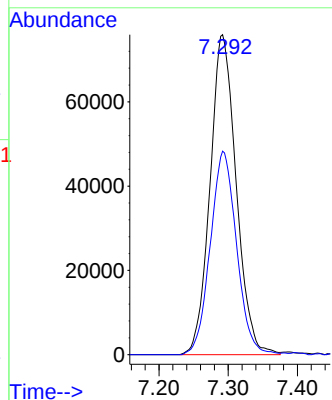
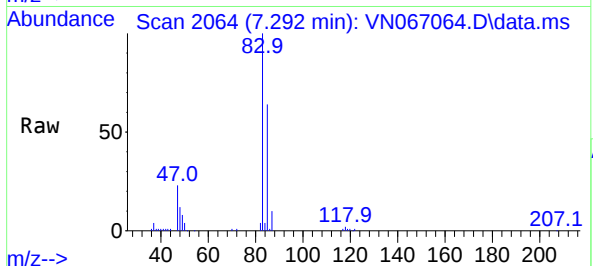
Chloroform
Concen: 19.69 ug/l
RT: 7.292 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 83 Resp: 199456
Ion Ratio Lower Upper
83 100
85 63.6 53.0 79.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

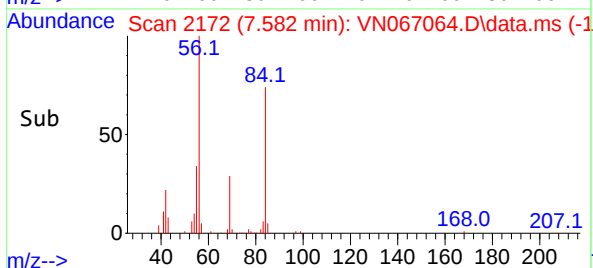
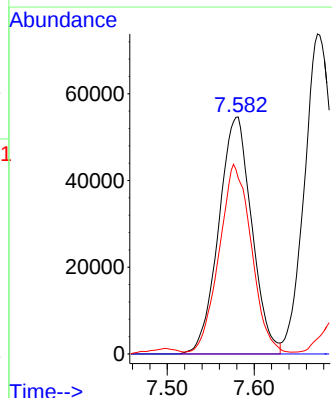
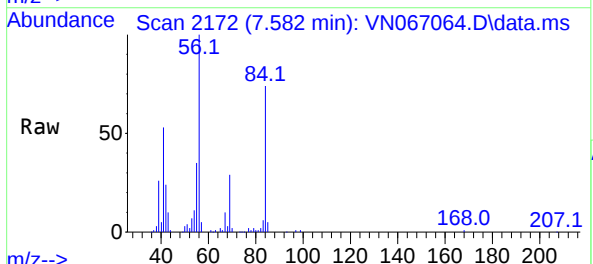
MMDadoda
5/10/2021 2:24:22 PM

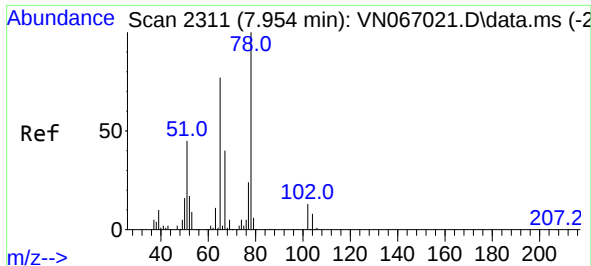


#26

Cyclohexane
Concen: 19.79 ug/l
RT: 7.582 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

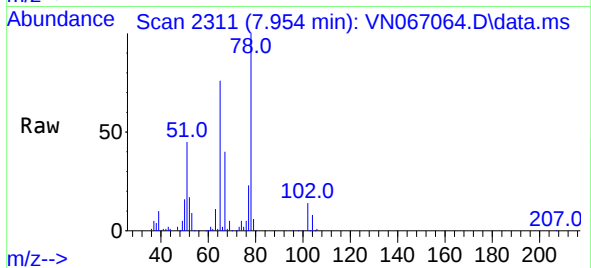
Tgt Ion: 56 Resp: 144449
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 78.7 64.2 96.2





#27
1,2-Dichloroethane-d4
Concen: 29.90 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

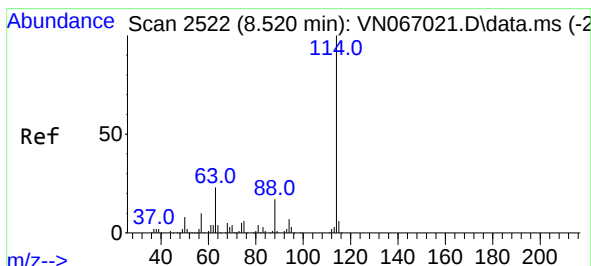
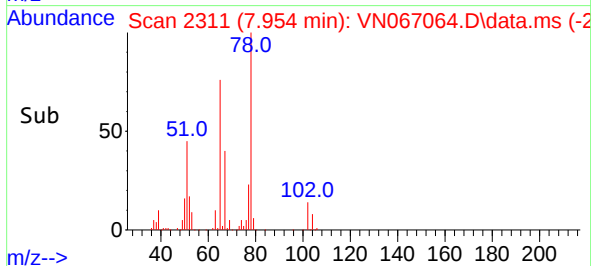
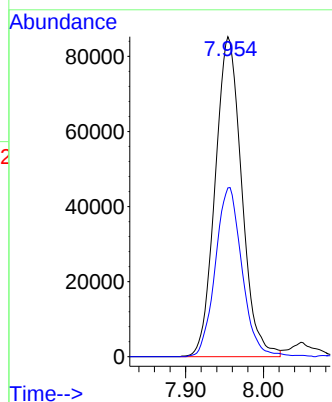
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 65 Resp: 201640
Ion Ratio Lower Upper
65 100
67 52.7 41.6 62.4

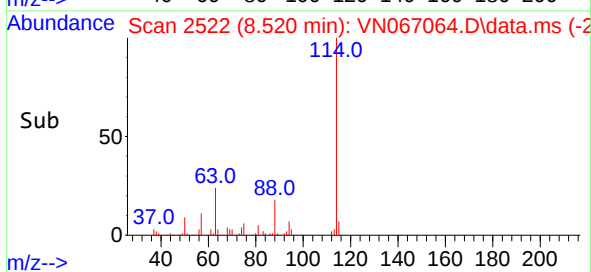
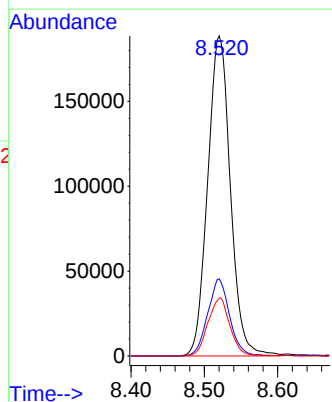
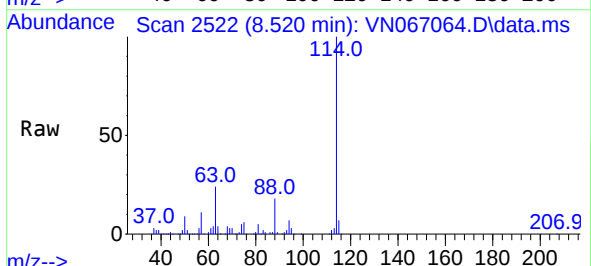
Manual Integrations
APPROVED

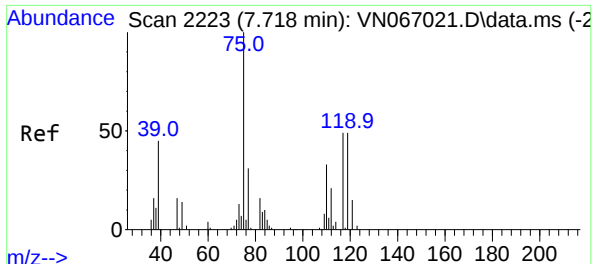
MMDadoda
5/10/2021 2:24:22 PM



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 114 Resp: 405840
Ion Ratio Lower Upper
114 100
63 23.1 18.8 28.2
88 17.4 13.8 20.6





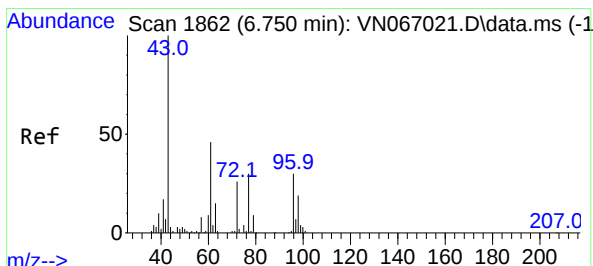
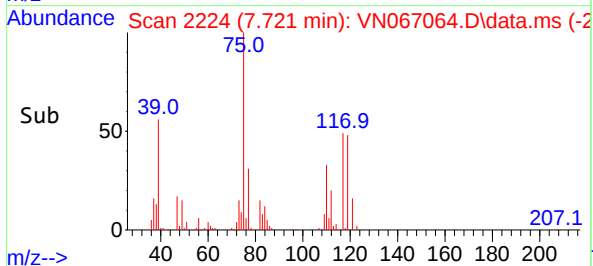
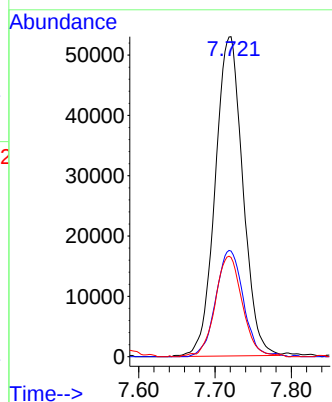
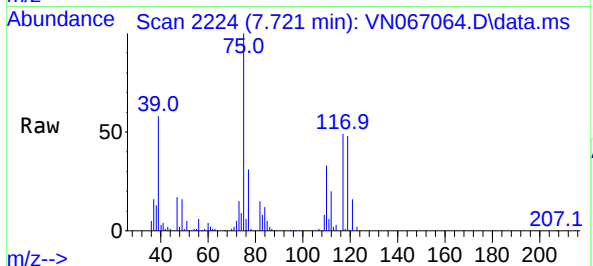
#29
1,1-Dichloropropene
Concen: 18.76 ug/l
RT: 7.721 min Scan# 2224
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 75 Resp: 133125
Ion Ratio Lower Upper
75 100
110 33.0 0.0 65.6
77 30.6 0.0 60.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

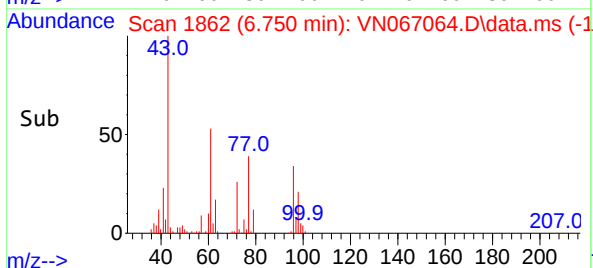
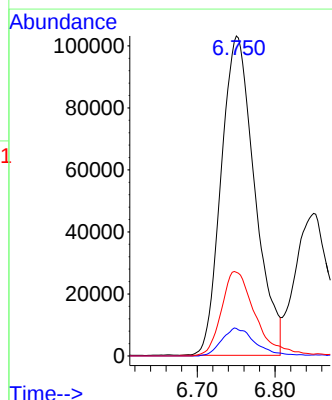
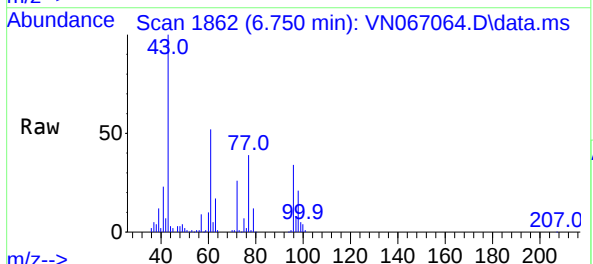
Manual Integrations
APPROVED

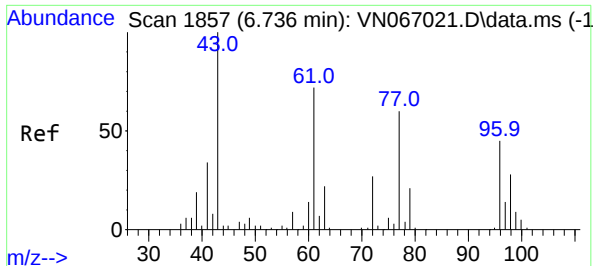
MMDadoda
5/10/2021 2:24:22 PM



#30
2-Butanone
Concen: 90.39 ug/l
RT: 6.750 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 43 Resp: 307622
Ion Ratio Lower Upper
43 100
57 8.6 6.5 9.7
72 26.4 21.2 31.8





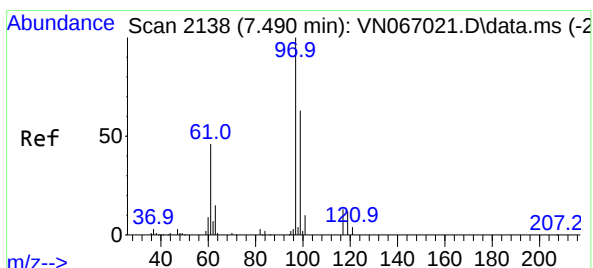
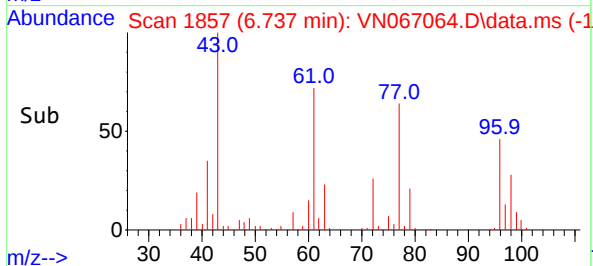
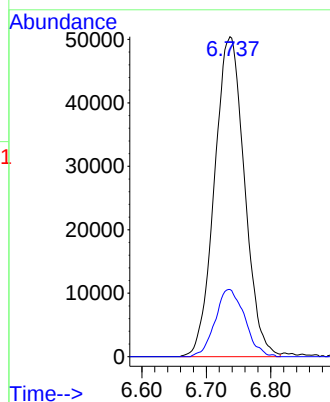
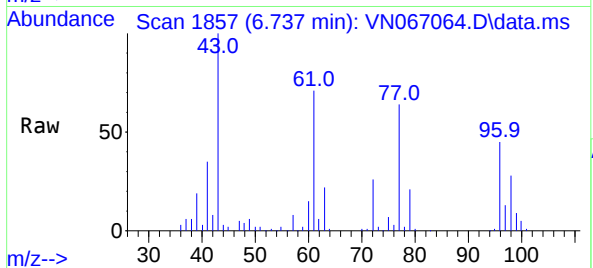
#31
2,2-Dichloropropane
Concen: 19.01 ug/l
RT: 6.737 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 77 Resp: 162830
Ion Ratio Lower Upper
77 100
97 20.7 17.4 26.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

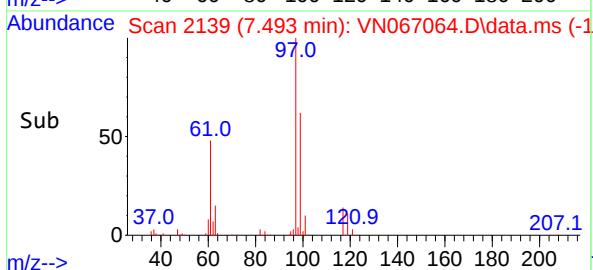
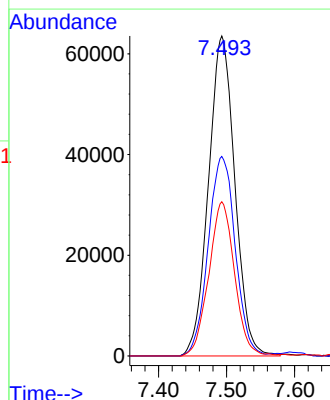
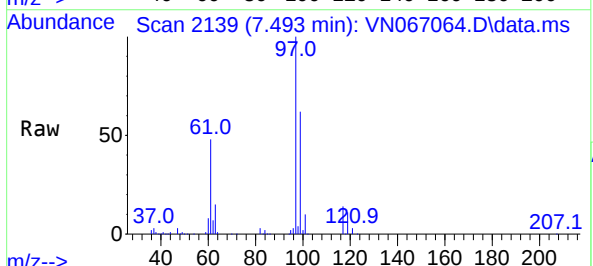
Manual Integrations
APPROVED

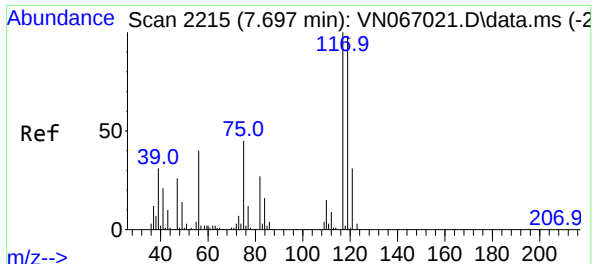
MMDadoda
5/10/2021 2:24:22 PM



#32
1,1,1-Trichloroethane
Concen: 18.63 ug/l
RT: 7.493 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

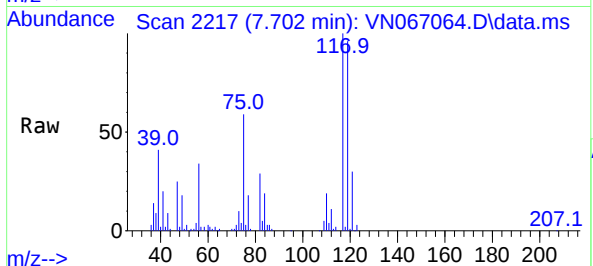
Tgt Ion: 97 Resp: 171694
Ion Ratio Lower Upper
97 100
99 63.9 50.6 75.8
61 46.8 36.6 55.0





#33
Carbon Tetrachloride
Concen: 18.91 ug/l
RT: 7.702 min Scan# 2217
Delta R.T. 0.006 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

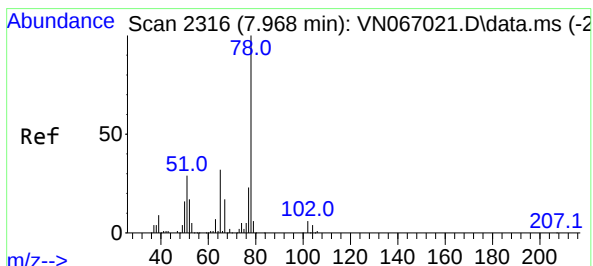
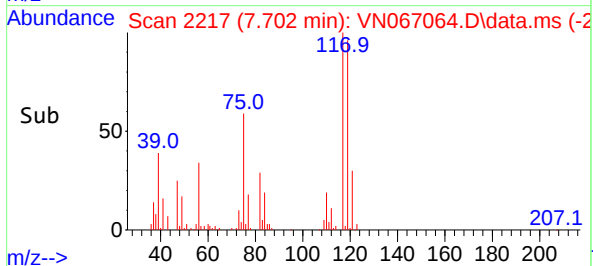
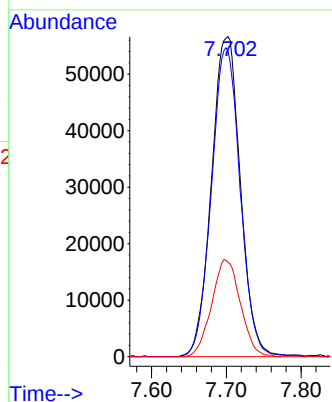
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



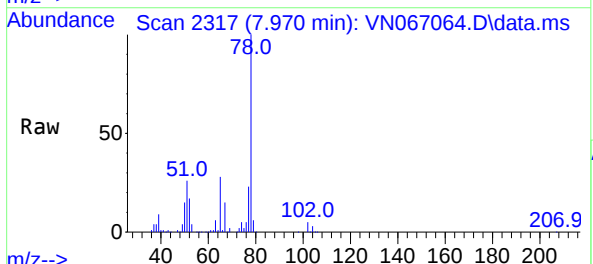
Tgt Ion:117 Resp: 151654
Ion Ratio Lower Upper
117 100
119 95.3 78.0 117.0
121 29.5 24.8 37.2

Manual Integrations
APPROVED

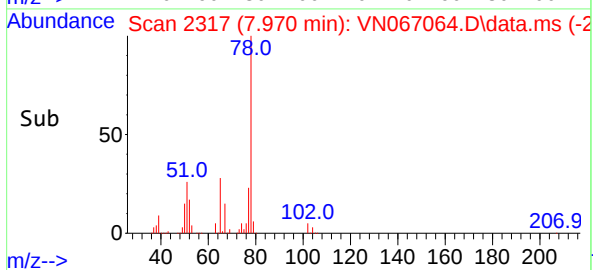
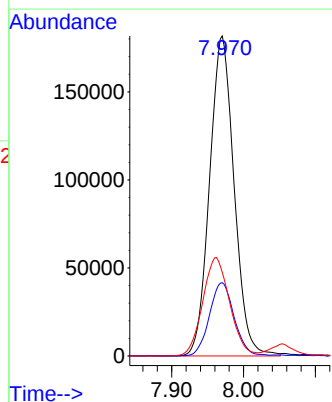
MMDadoda
5/10/2021 2:24:22 PM

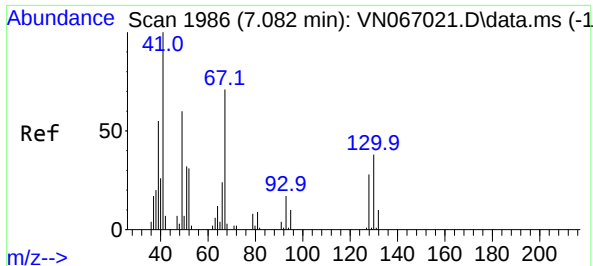


#34
Benzene
Concen: 18.71 ug/l
RT: 7.970 min Scan# 2317
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

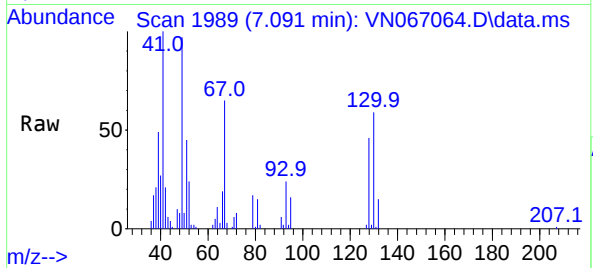


Tgt Ion: 78 Resp: 430421
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8
51 25.9 23.4 35.0



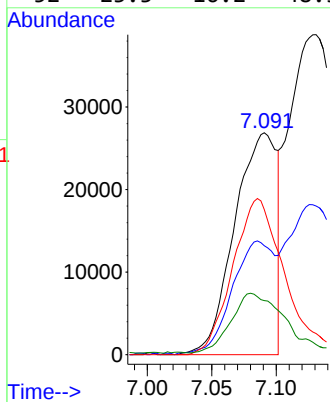


#35
Methacrylonitrile
Concen: 19.19 ug/l
RT: 7.091 min Scan# 1989
Delta R.T. 0.008 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



Tgt Ion: 41 Resp: 61066

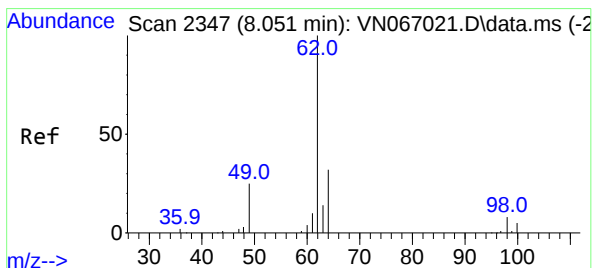
Ion	Ratio	Lower	Upper
41	100		
39	48.4	27.6	82.8
67	65.4	35.5	106.5
52	23.3	16.2	48.5



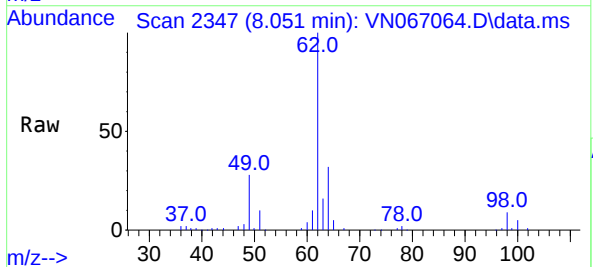
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
5/10/2021 2:24:22 PM

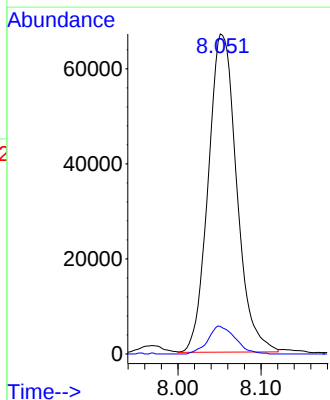
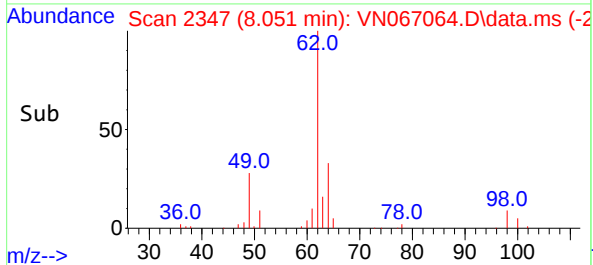


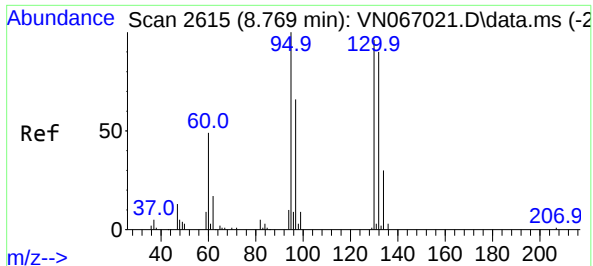
#36
1,2-Dichloroethane
Concen: 18.59 ug/l
RT: 8.051 min Scan# 2347
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



Tgt Ion: 62 Resp: 159402

Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.5	9.7





#37

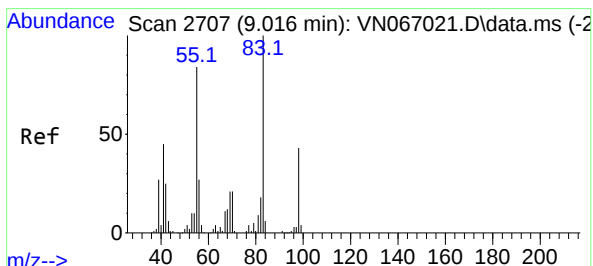
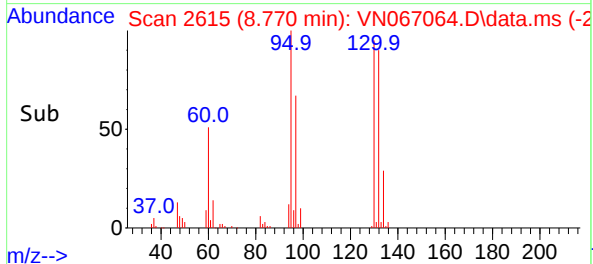
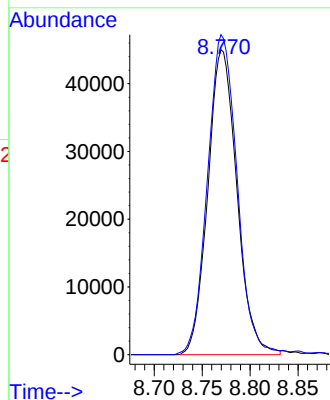
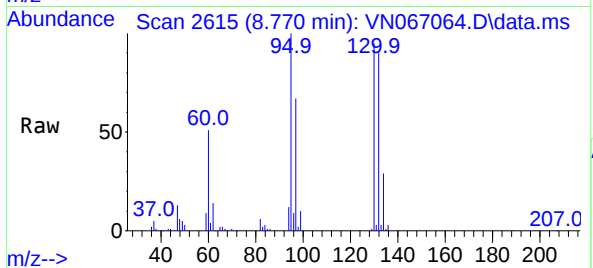
Trichloroethene
Concen: 19.06 ug/l
RT: 8.770 min Scan# 2615
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:130 Resp: 94907
Ion Ratio Lower Upper
130 100
95 104.1 83.5 125.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

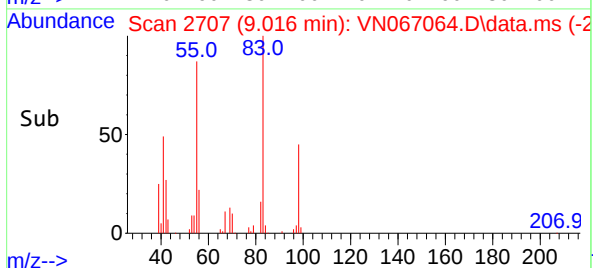
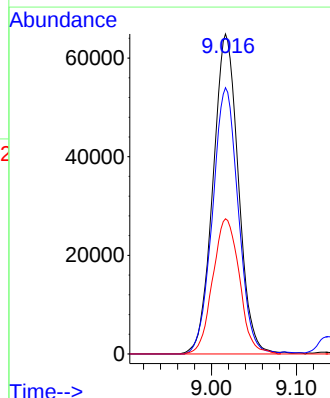
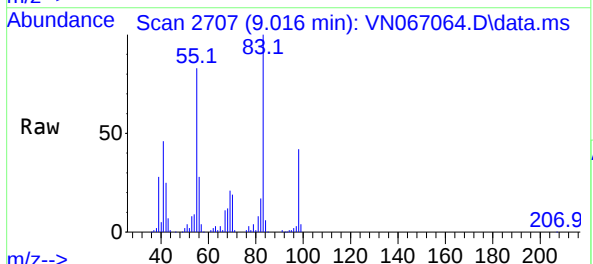
MMDadoda
5/10/2021 2:24:22 PM

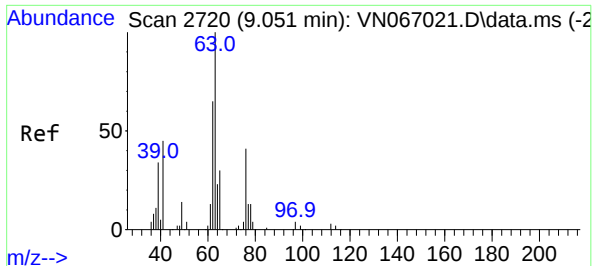


#38

Methylcyclohexane
Concen: 19.07 ug/l
RT: 9.016 min Scan# 2707
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 83 Resp: 134678
Ion Ratio Lower Upper
83 100
55 84.4 43.1 129.3
98 44.4 22.0 66.0





#39

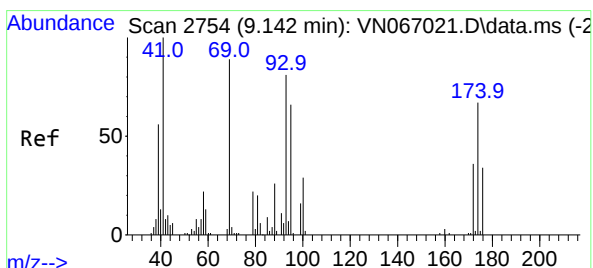
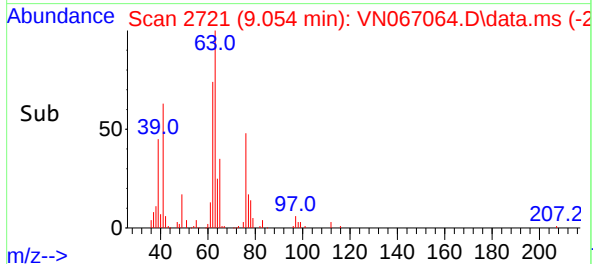
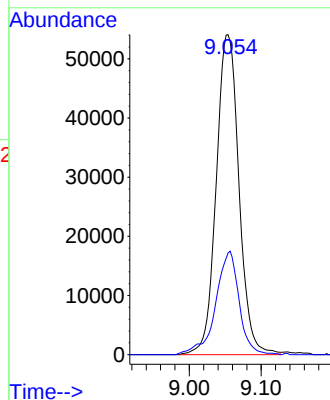
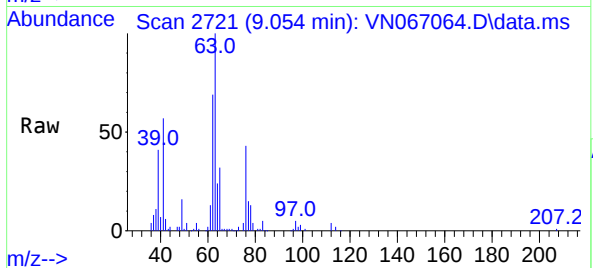
1,2-Dichloropropane
Concen: 18.60 ug/l
RT: 9.054 min Scan# 2721
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 63 Resp: 118789
Ion Ratio Lower Upper
63 100
65 31.8 24.7 37.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

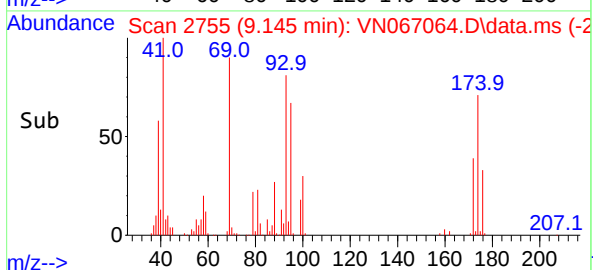
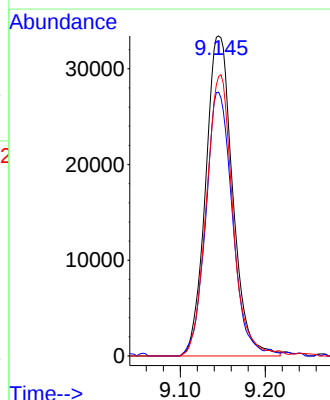
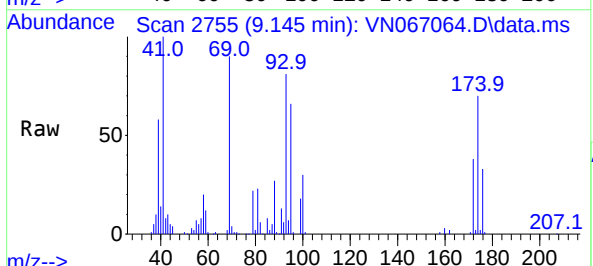
MMDadoda
5/10/2021 2:24:22 PM

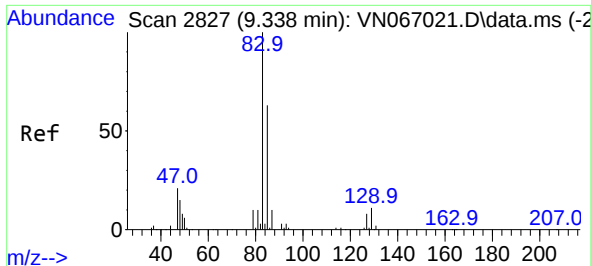


#40

Dibromomethane
Concen: 18.69 ug/l
RT: 9.145 min Scan# 2755
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

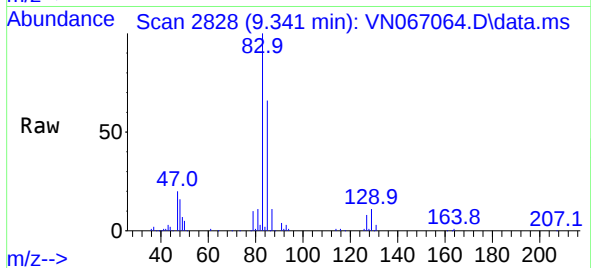
Tgt Ion: 93 Resp: 73787
Ion Ratio Lower Upper
93 100
95 80.7 0.0 166.4
174 85.3 0.0 175.8





#41
Bromodichloromethane
Concen: 18.41 ug/l
RT: 9.341 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

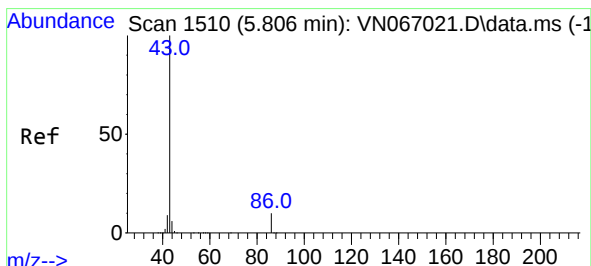
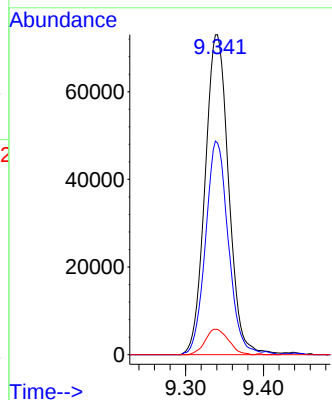
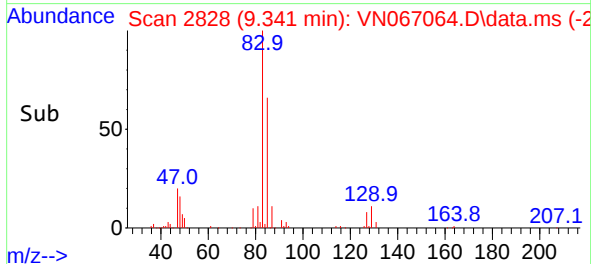
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



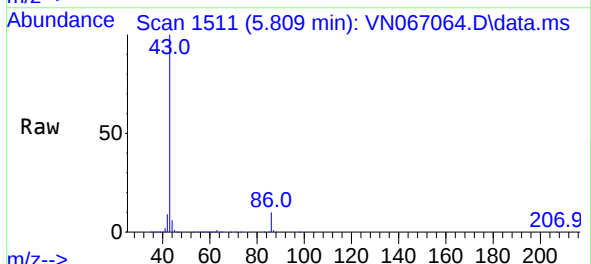
Tgt Ion: 83 Resp: 153446
Ion Ratio Lower Upper
83 100
85 66.1 50.0 75.0
127 7.9 6.5 9.7

Manual Integrations
APPROVED

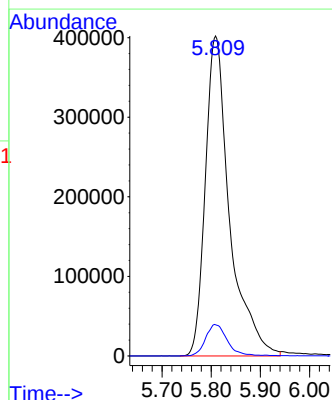
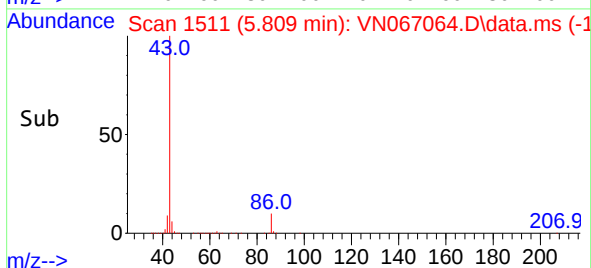
MMDadoda
5/10/2021 2:24:22 PM

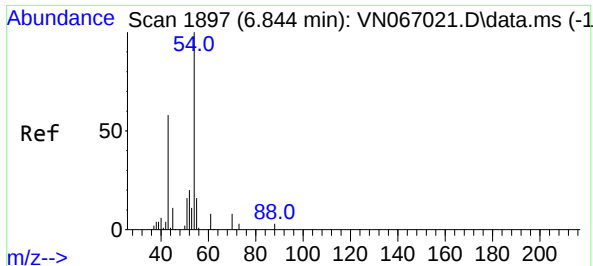


#42
Vinyl Acetate
Concen: 94.00 ug/l
RT: 5.809 min Scan# 1511
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



Tgt Ion: 43 Resp: 1378695
Ion Ratio Lower Upper
43 100
86 8.5 6.8 10.2





#43

Ethyl Acetate

Concen: 16.38 ug/l

RT: 6.849 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN067064.D

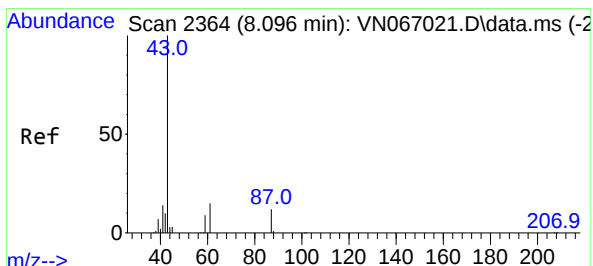
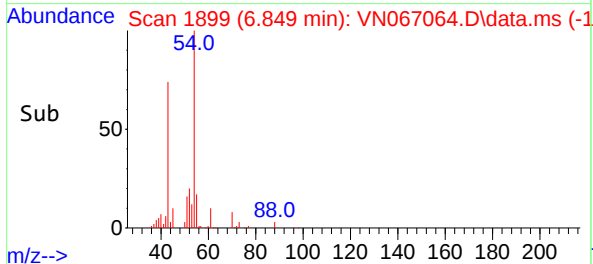
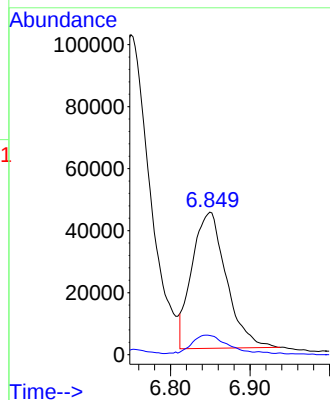
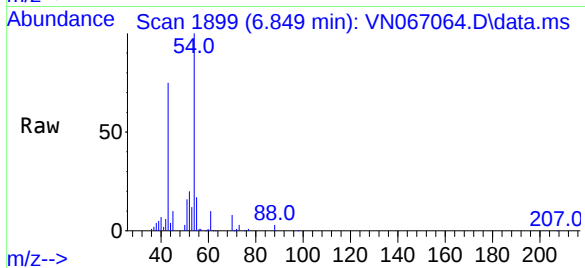
Acq: 7 May 2021 20:34

Tgt Ion: 43 Resp: 131380

Ion Ratio Lower Upper

43 100

45 14.1 9.9 14.9



#44

Isopropyl Acetate

Concen: 18.15 ug/l

RT: 8.096 min Scan# 2364

Delta R.T. 0.000 min

Lab File: VN067064.D

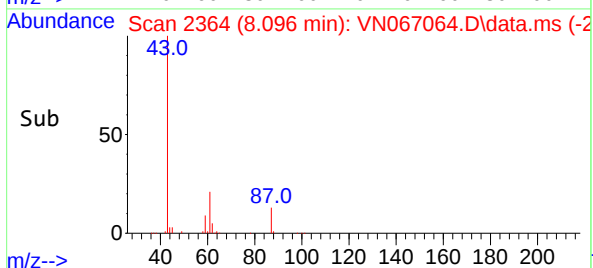
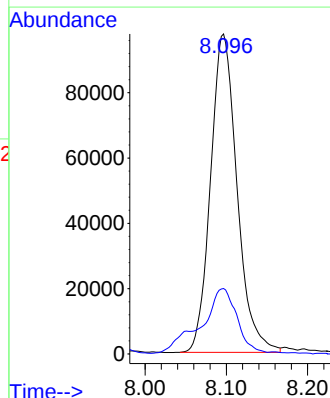
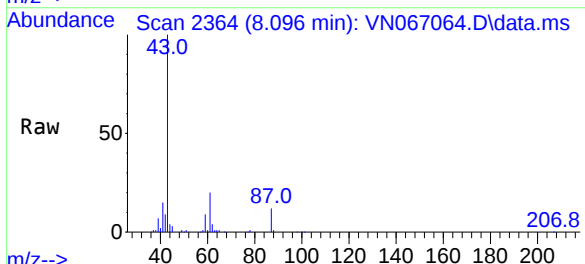
Acq: 7 May 2021 20:34

Tgt Ion: 43 Resp: 221134

Ion Ratio Lower Upper

43 100

61 18.7 15.8 23.6



Instrument :

MSVOA_N

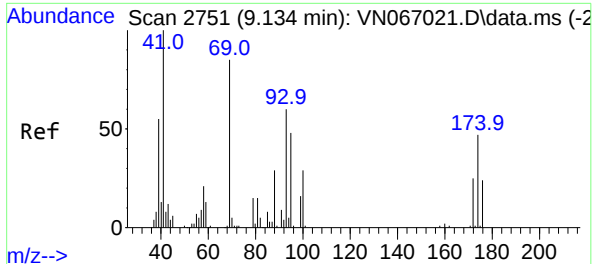
ClientSampleId :

VSTDCCC020EC

Manual Integrations

APPROVED

MMDadoda
5/10/2021 2:24:22 PM



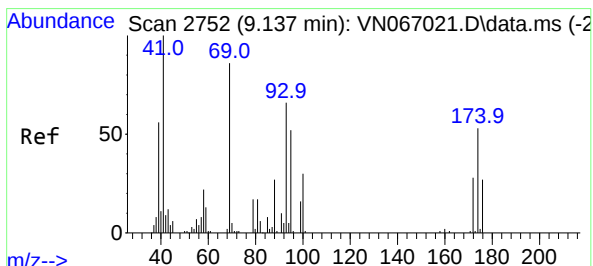
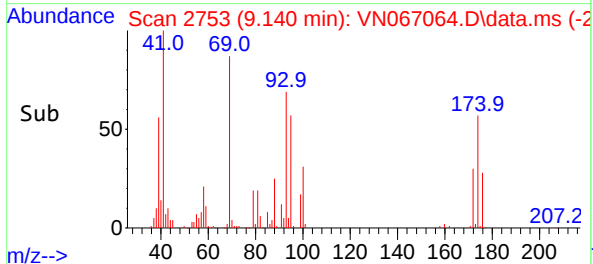
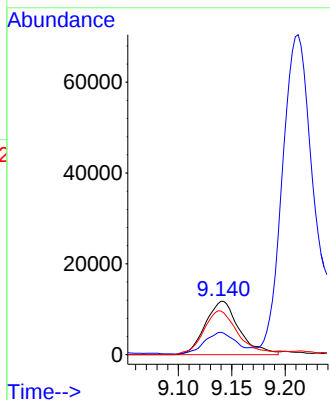
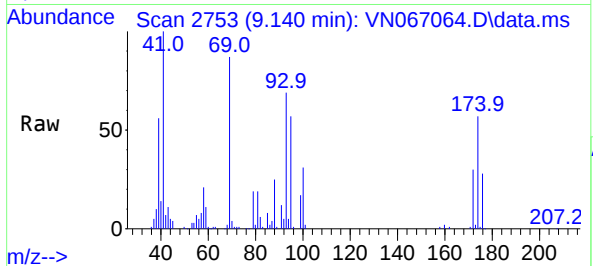
#45
1,4-Dioxane
Concen: 333.74 ug/l
RT: 9.140 min Scan# 2753
Delta R.T. 0.006 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:	88	Resp:	25970
Ion	Ratio	Lower	Upper
88	100		
43	36.4	28.0	42.0
58	82.6	62.8	94.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

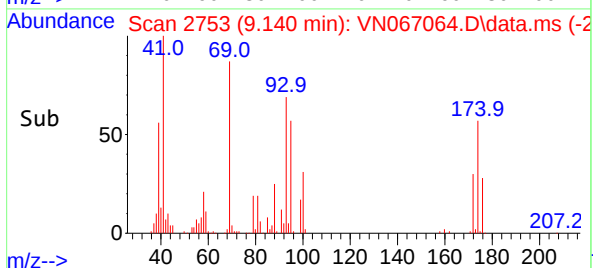
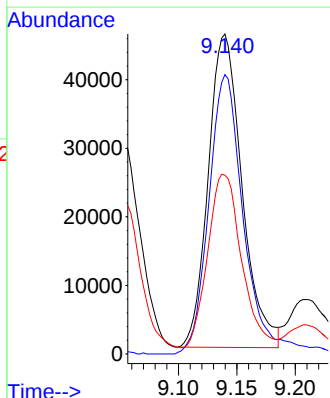
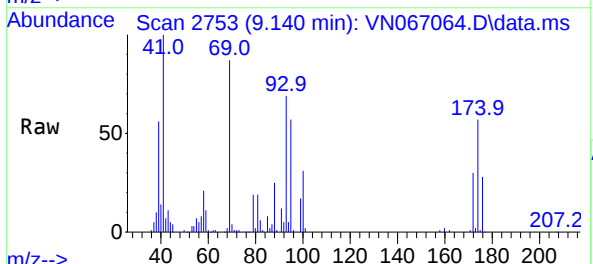
Manual Integrations
APPROVED

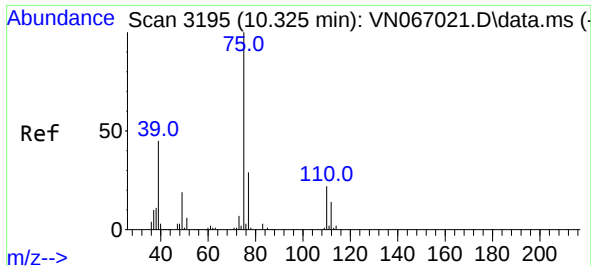
MMDadoda
5/10/2021 2:24:22 PM



#46
Methyl methacrylate
Concen: 17.92 ug/l
RT: 9.140 min Scan# 2753
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:	41	Resp:	91905
Ion	Ratio	Lower	Upper
41	100		
69	88.7	42.7	128.1
39	54.9	28.1	84.2





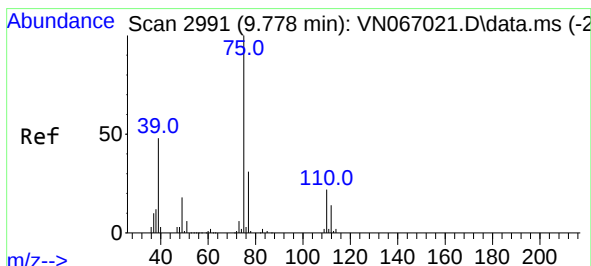
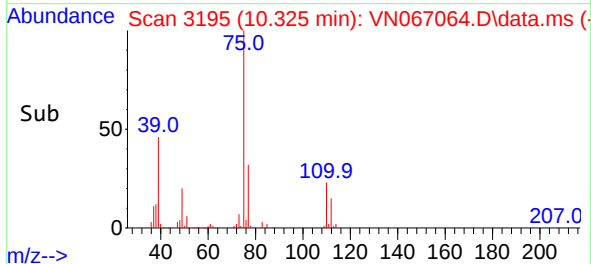
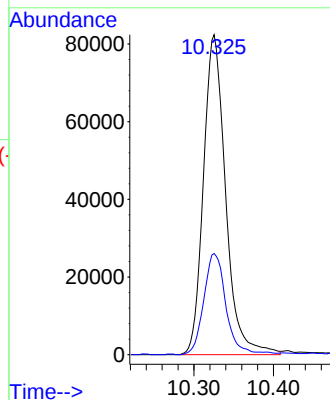
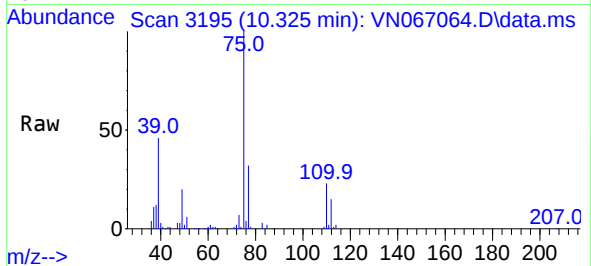
#48
t-1,3-Dichloropropene
Concen: 18.72 ug/l
RT: 10.325 min Scan# 3195
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 75 Resp: 159941
Ion Ratio Lower Upper
75 100
77 31.6 23.0 34.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

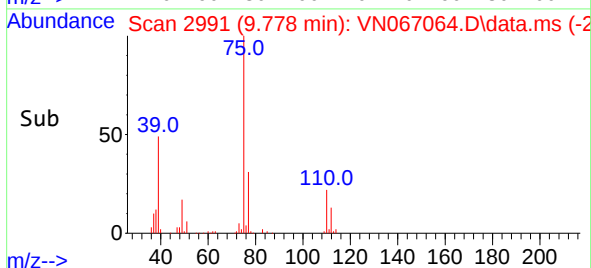
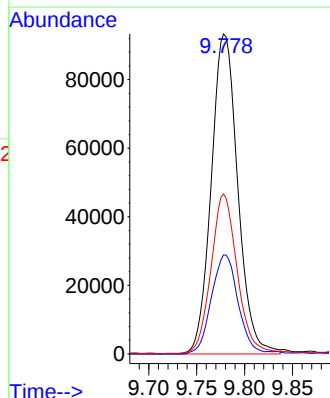
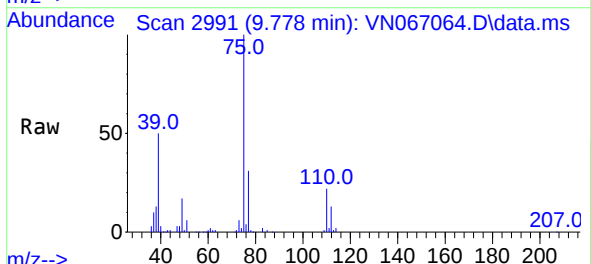
Manual Integrations
APPROVED

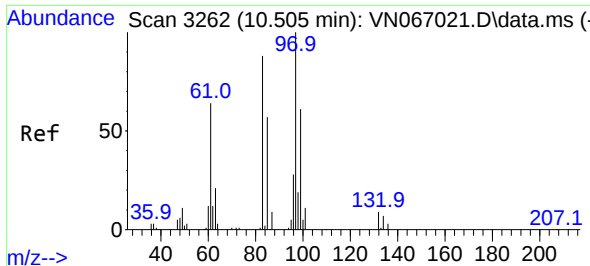
MMDadoda
5/10/2021 2:24:22 PM



#49
cis-1,3-Dichloropropene
Concen: 19.16 ug/l
RT: 9.778 min Scan# 2991
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

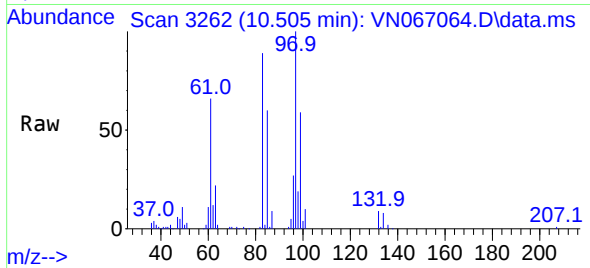
Tgt Ion: 75 Resp: 179428
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4
39 49.7 38.2 57.2





#50
1,1,2-Trichloroethane
Concen: 18.71 ug/l
RT: 10.505 min Scan# 3262
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

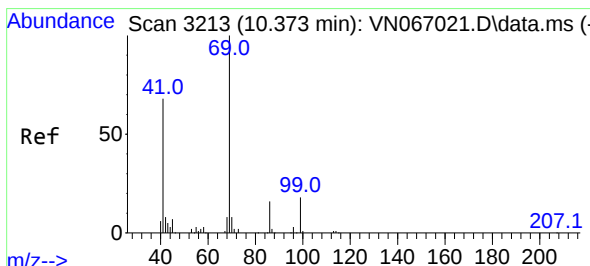
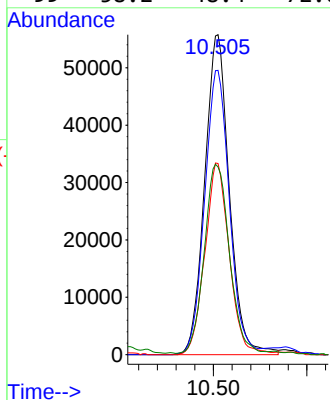
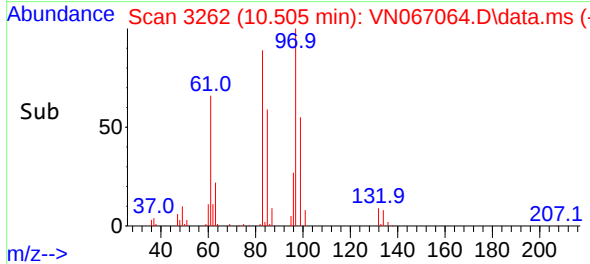
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



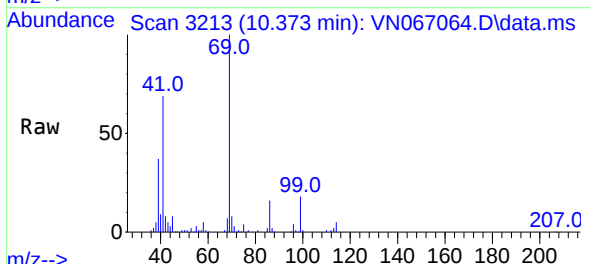
Tgt Ion: 97 Resp: 102130
Ion Ratio Lower Upper
97 100
83 88.5 70.6 106.0
85 59.8 45.6 68.4
99 58.2 48.4 72.6

Manual Integrations
APPROVED

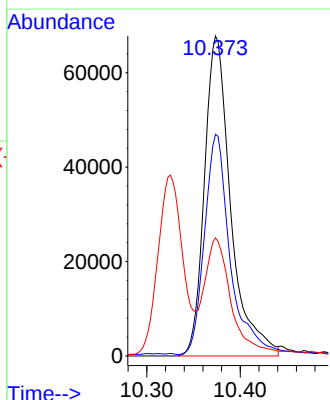
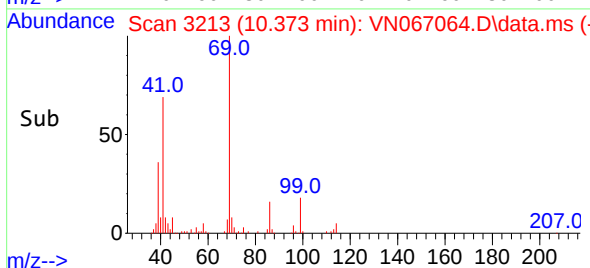
MMDadoda
5/10/2021 2:24:22 PM

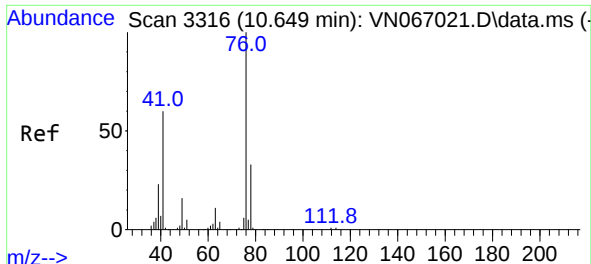


#51
Ethyl methacrylate
Concen: 18.59 ug/l
RT: 10.373 min Scan# 3213
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



Tgt Ion: 69 Resp: 132650
Ion Ratio Lower Upper
69 100
41 68.8 33.9 101.7
39 35.4 17.3 51.9





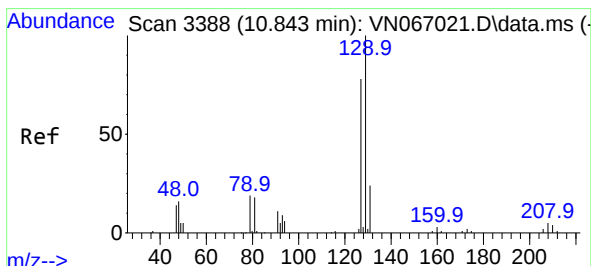
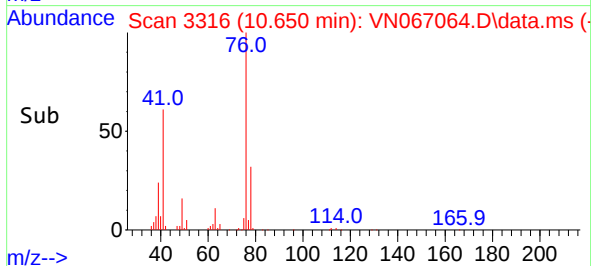
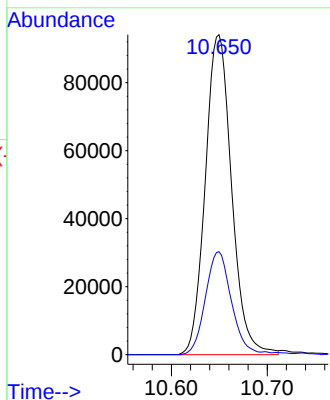
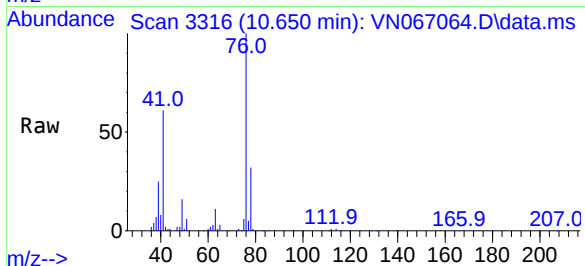
#52
1,3-Dichloropropane
Concen: 18.95 ug/l
RT: 10.650 min Scan# 3316
Delta R.T. 0.001 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 76 Resp: 179665
Ion Ratio Lower Upper
76 100
78 31.5 0.0 64.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

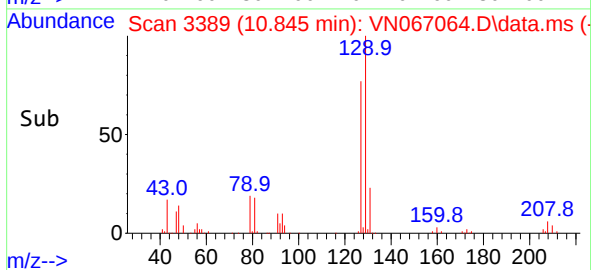
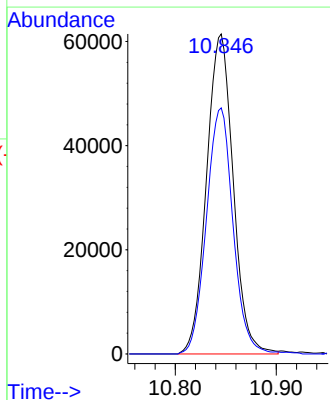
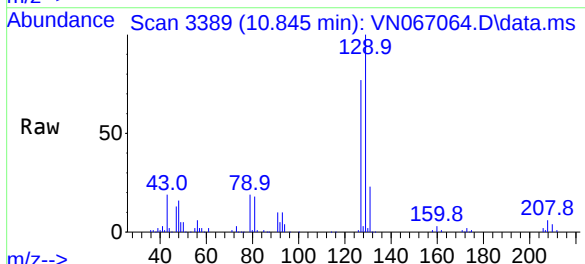
Manual Integrations
APPROVED

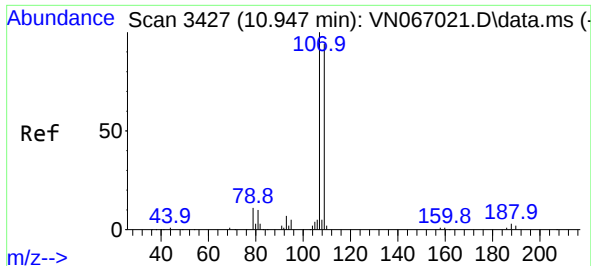
MMDadoda
5/10/2021 2:24:22 PM



#53
Dibromochloromethane
Concen: 18.80 ug/l
RT: 10.845 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

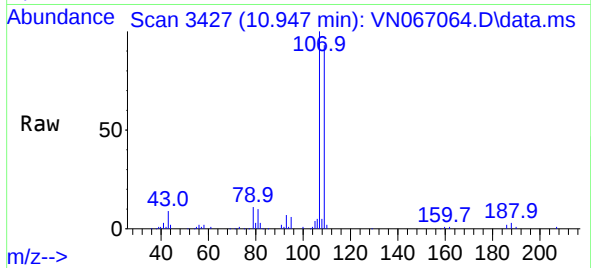
Tgt Ion: 129 Resp: 112828
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#54
1,2-Dibromoethane
Concen: 18.91 ug/l
RT: 10.947 min Scan# 3427
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

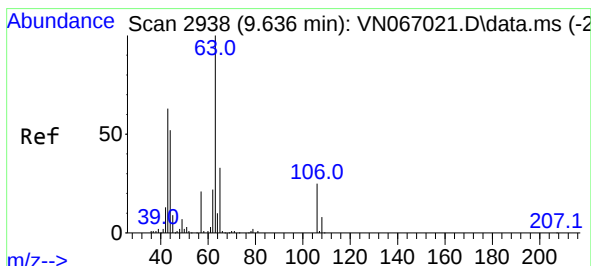
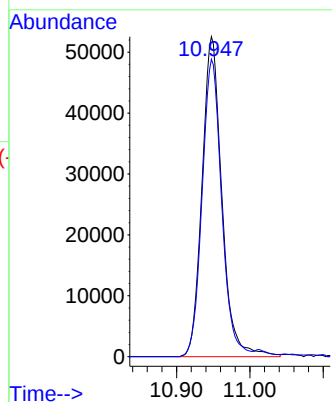
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



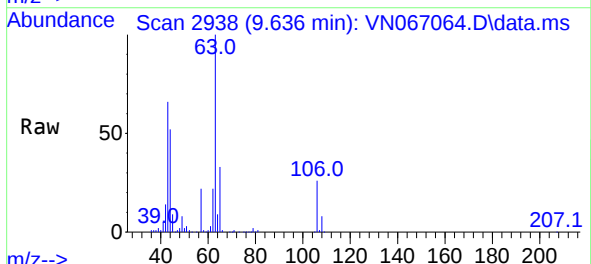
Tgt Ion: 107 Resp: 98704
Ion Ratio Lower Upper
107 100
109 91.6 75.0 112.6

Manual Integrations
APPROVED

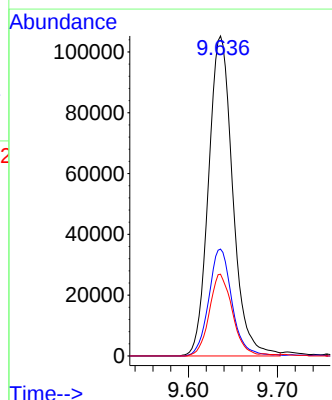
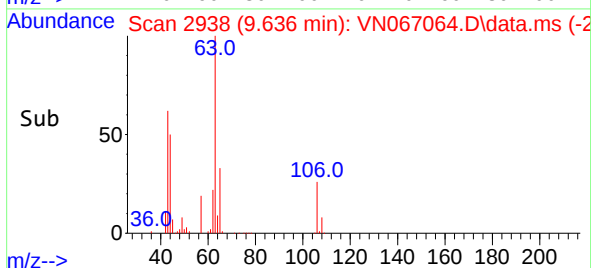
MMDadoda
5/10/2021 2:24:22 PM

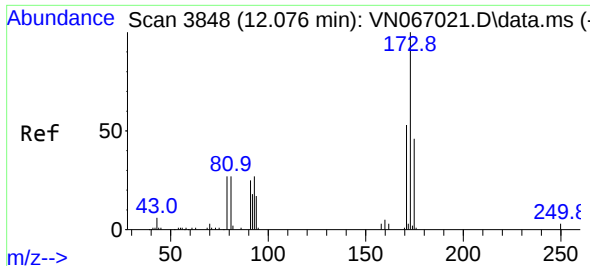


#55
2-Chloroethyl vinyl ether
Concen: 145.39 ug/l
RT: 9.636 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



Tgt Ion: 63 Resp: 198653
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.2
106 24.3 18.9 28.3





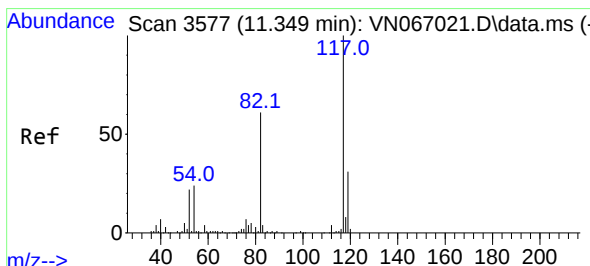
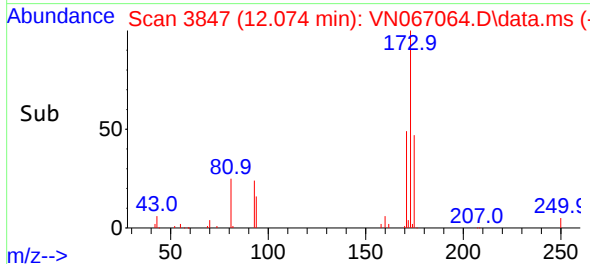
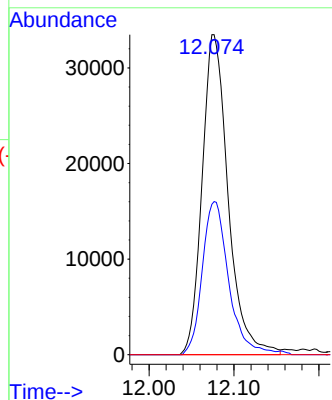
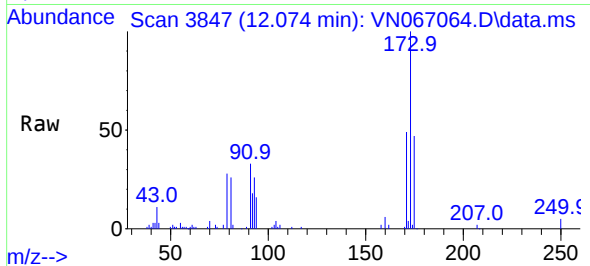
#56
Bromoform
Concen: 17.85 ug/l
RT: 12.074 min Scan# 3847
Delta R.T. -0.002 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:	173	Resp:	71159
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.6	57.8
254	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

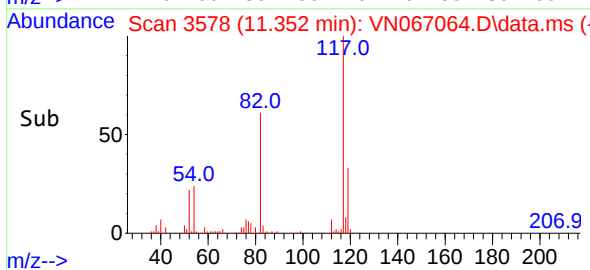
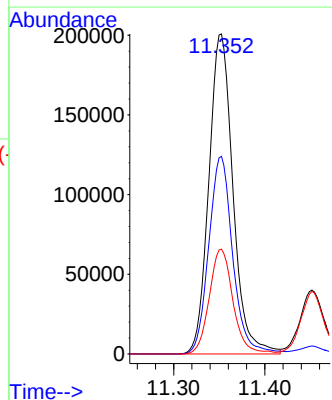
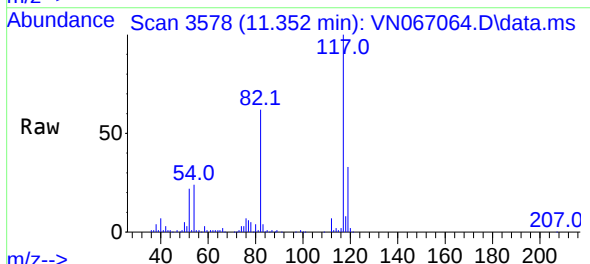
Manual Integrations
APPROVED

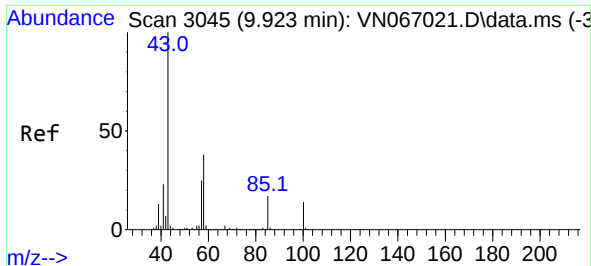
MMDadoda
5/10/2021 2:24:22 PM



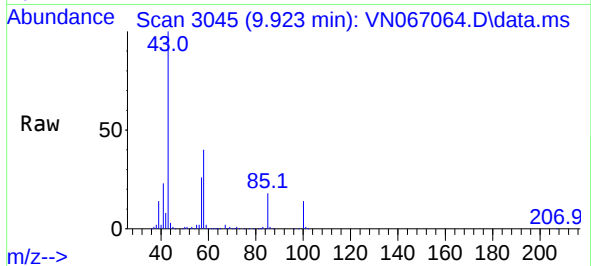
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:	117	Resp:	369252
Ion	Ratio	Lower	Upper
117	100		
82	61.5	49.3	73.9
119	32.0	25.5	38.3

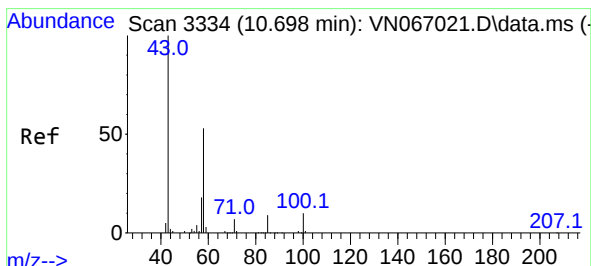
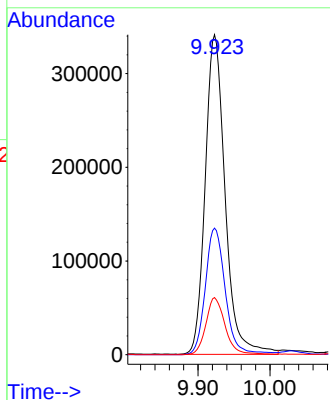
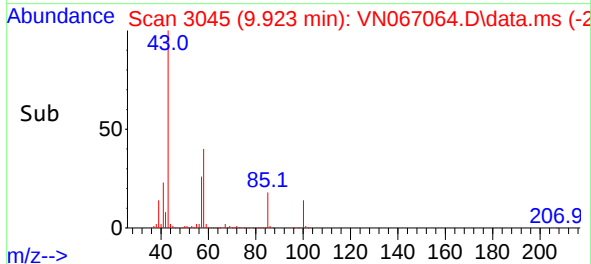




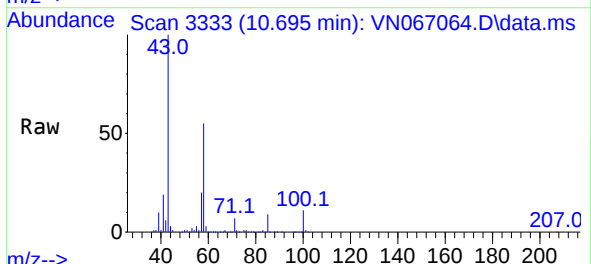
#58
4-Methyl-2-Pentanone
Concen: 95.17 ug/l
RT: 9.923 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



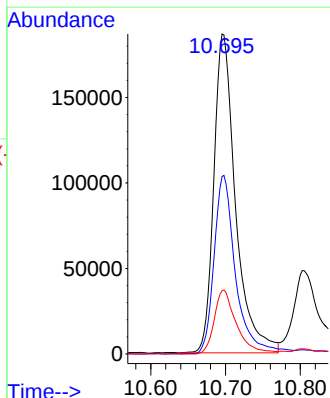
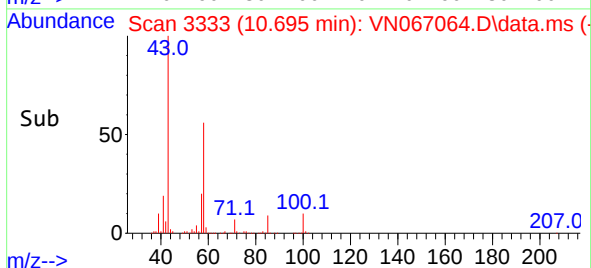
Tgt Ion: 43 Resp: 657921
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6
85 17.4 13.4 20.0



#59
2-Hexanone
Concen: 92.54 ug/l
RT: 10.695 min Scan# 3333
Delta R.T. -0.002 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



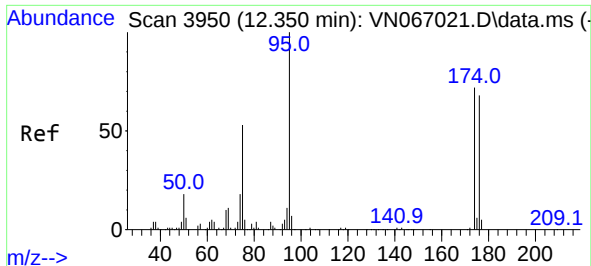
Tgt Ion: 43 Resp: 377274
Ion Ratio Lower Upper
43 100
58 55.1 42.7 64.1
57 20.5 14.7 22.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

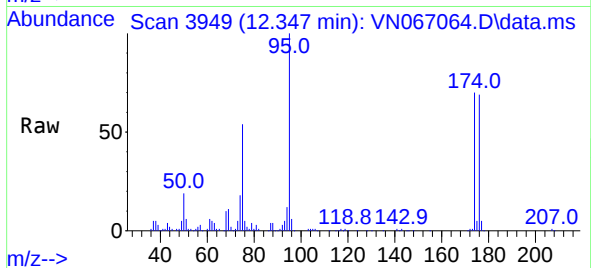
Manual Integrations
APPROVED

MMDadoda
5/10/2021 2:24:22 PM



#60
4-Bromofluorobenzene
Concen: 29.38 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

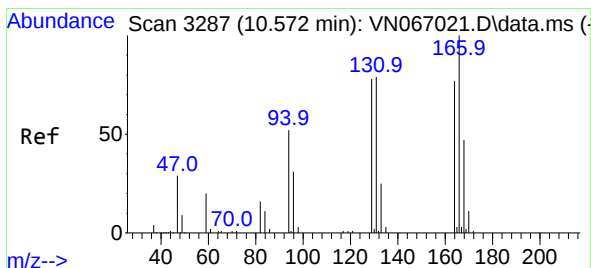
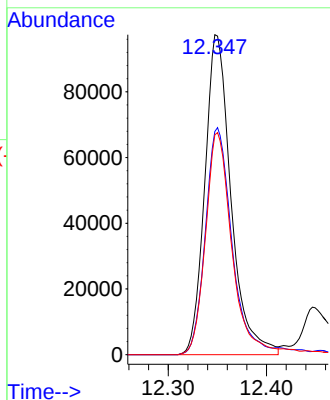
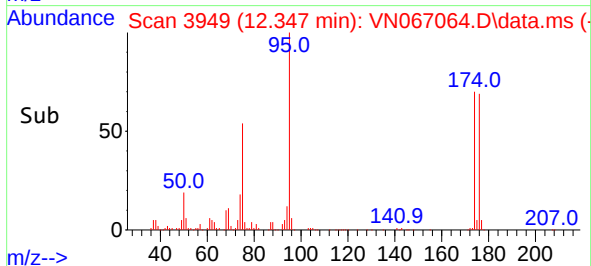
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



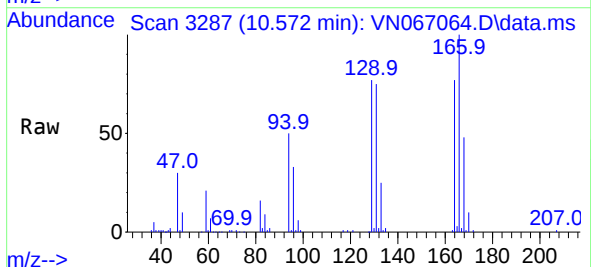
Tgt Ion: 95 Resp: 180455
Ion Ratio Lower Upper
95 100
174 71.6 57.2 85.8
176 69.5 54.5 81.7

Manual Integrations
APPROVED

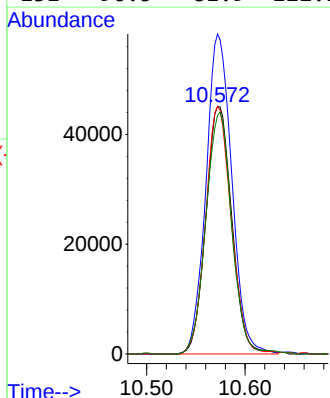
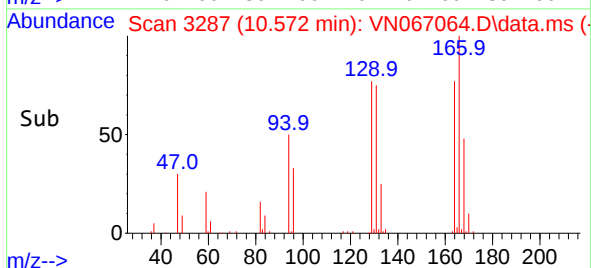
MMDadoda
5/10/2021 2:24:22 PM

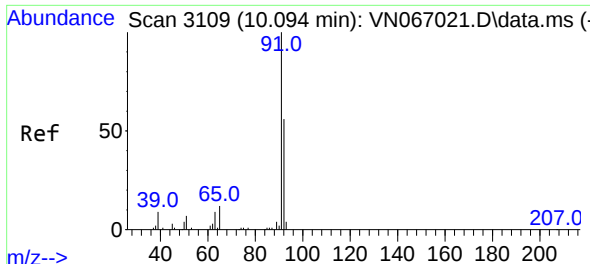


#61
Tetrachloroethene
Concen: 19.72 ug/l
RT: 10.572 min Scan# 3287
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



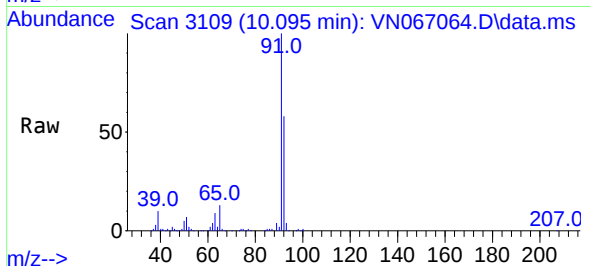
Tgt Ion: 164 Resp: 82523
Ion Ratio Lower Upper
164 100
166 129.3 103.4 155.0
129 100.1 80.6 120.8
131 96.5 81.9 122.9





#62
Toluene
Concen: 19.39 ug/l
RT: 10.095 min Scan# 3109
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

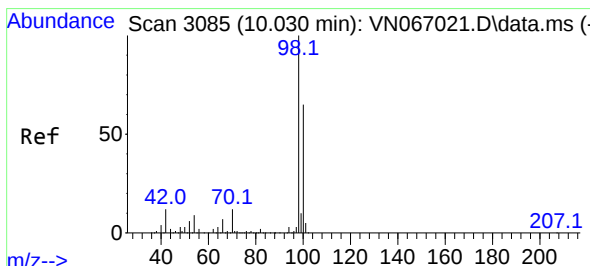
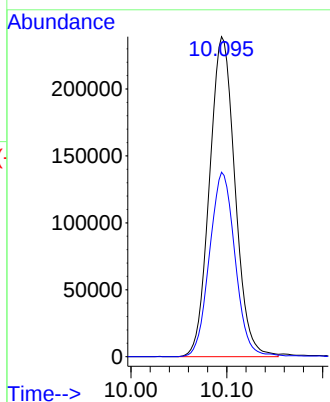
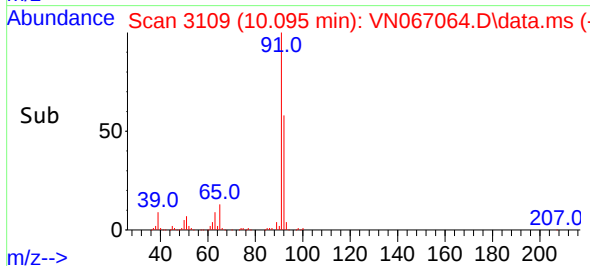
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



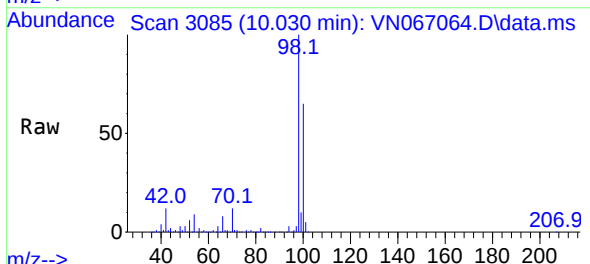
Tgt Ion: 91 Resp: 441530
Ion Ratio Lower Upper
91 100
92 57.5 46.2 69.2

Manual Integrations
APPROVED

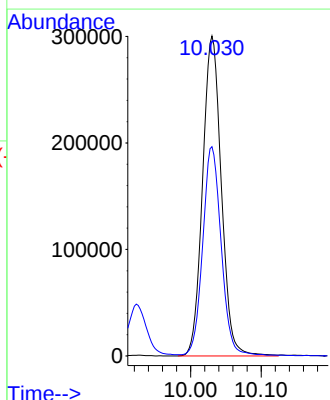
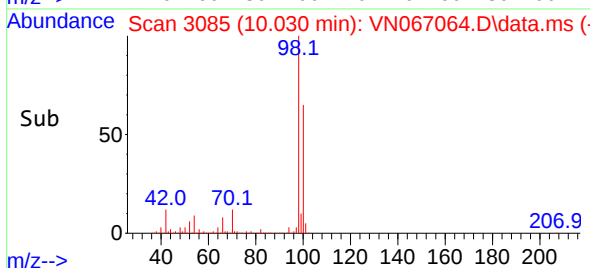
MMDadoda
5/10/2021 2:24:22 PM

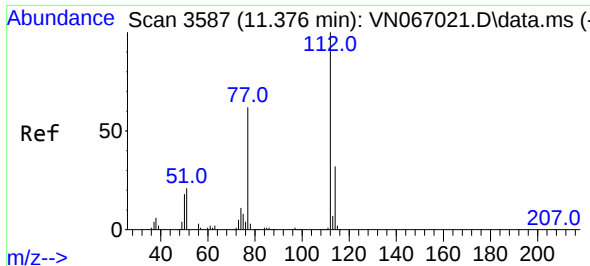


#63
Toluene-d8
Concen: 30.34 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



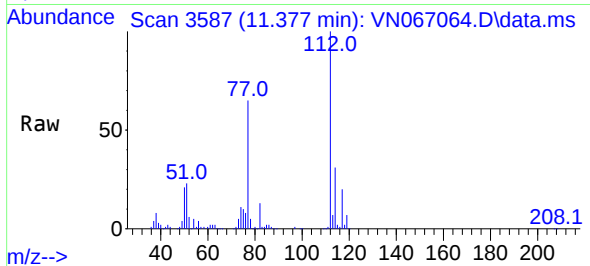
Tgt Ion: 98 Resp: 554889
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7





#64
Chlorobenzene
Concen: 18.95 ug/l
RT: 11.377 min Scan# 3587
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

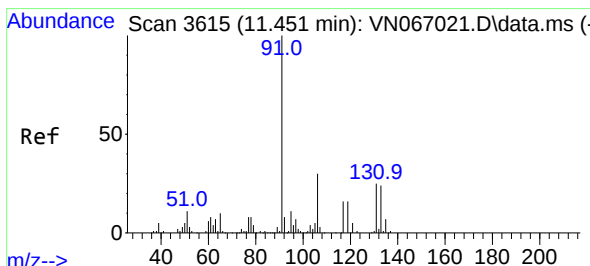
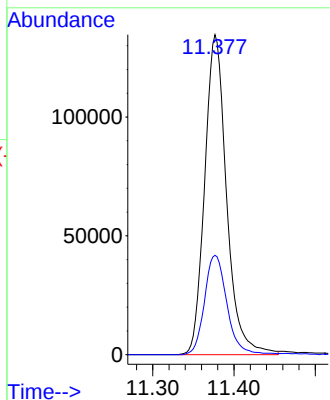
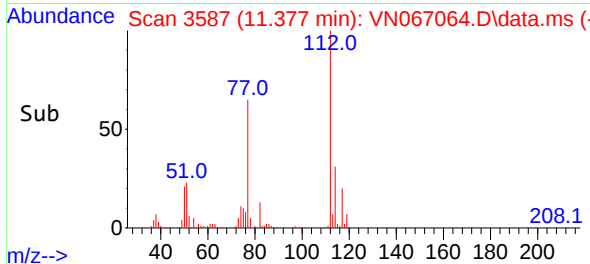
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



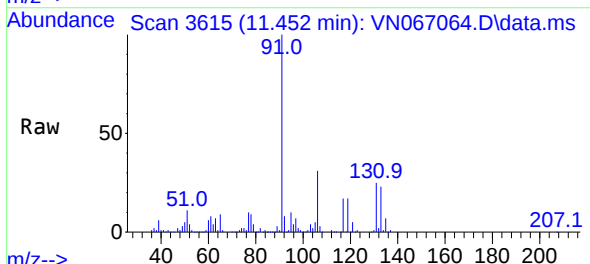
Tgt Ion:112 Resp: 252046
Ion Ratio Lower Upper
112 100
114 31.1 25.2 37.8

Manual Integrations
APPROVED

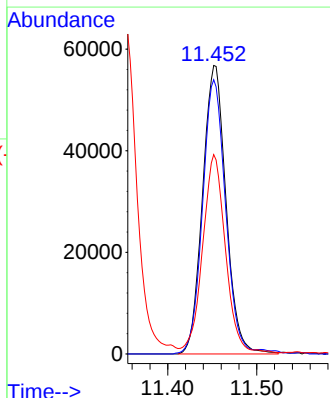
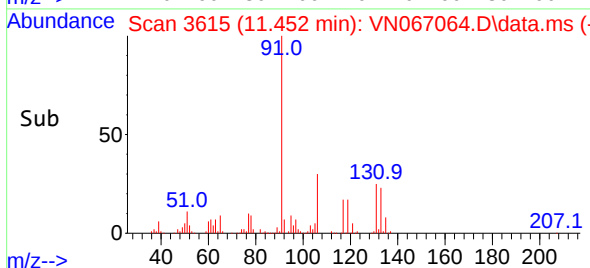
MMDadoda
5/10/2021 2:24:22 PM

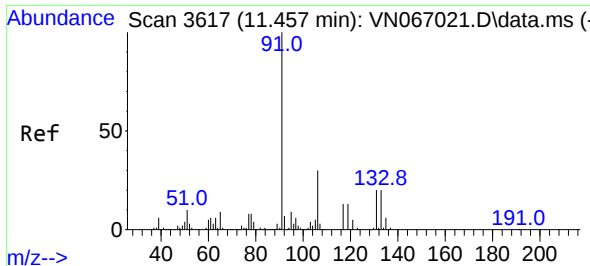


#65
1,1,1,2-Tetrachloroethane
Concen: 19.54 ug/l
RT: 11.452 min Scan# 3615
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



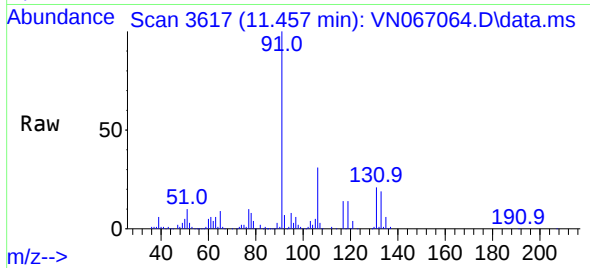
Tgt Ion:131 Resp: 103743
Ion Ratio Lower Upper
131 100
133 93.0 0.0 192.4
119 67.3 0.0 133.2





#66
Ethyl Benzene
Concen: 19.57 ug/l
RT: 11.457 min Scan# 3617
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

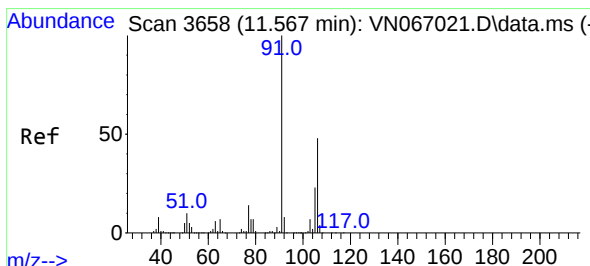
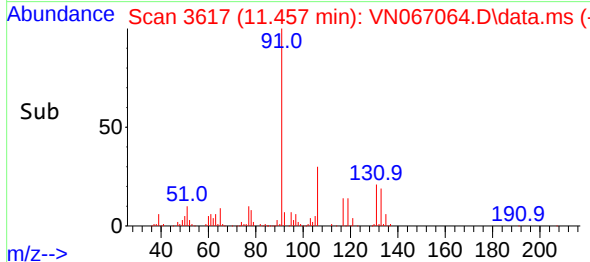
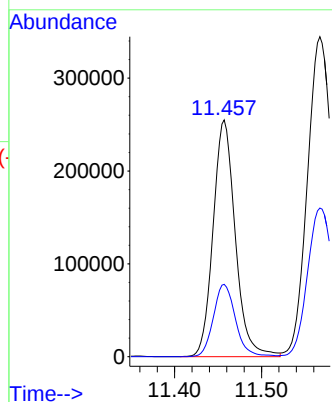
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 452652
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1

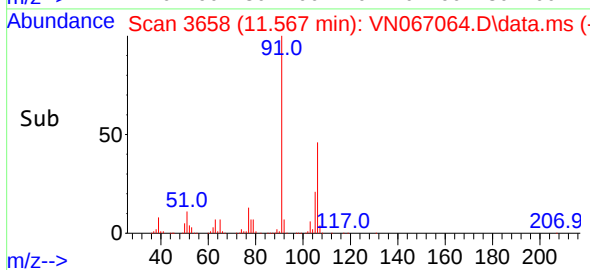
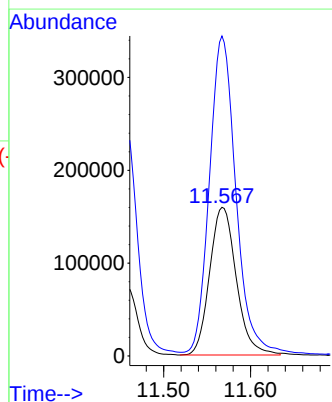
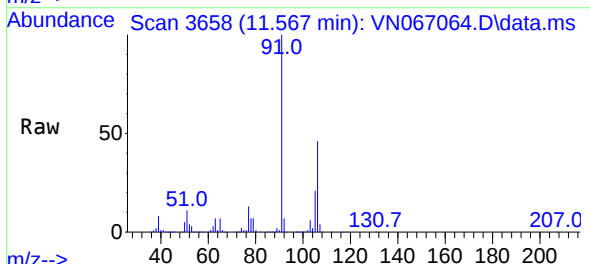
Manual Integrations
APPROVED

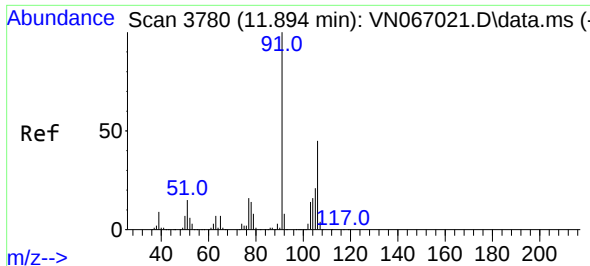
MMDadoda
5/10/2021 2:24:22 PM



#67
m/p-Xylenes
Concen: 38.99 ug/l
RT: 11.567 min Scan# 3658
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 106 Resp: 338600
Ion Ratio Lower Upper
106 100
91 216.0 173.2 259.8





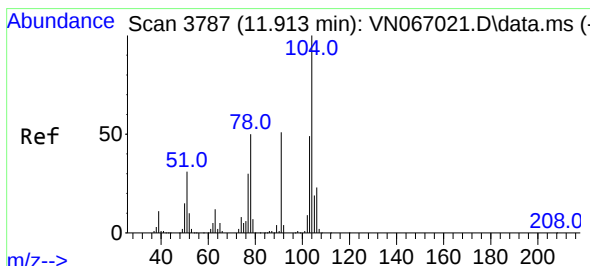
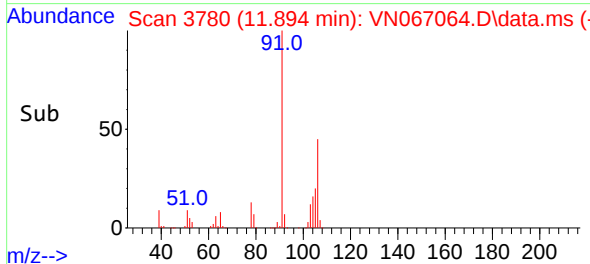
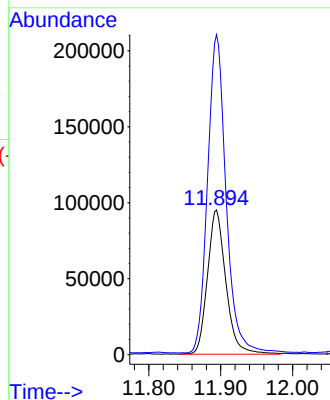
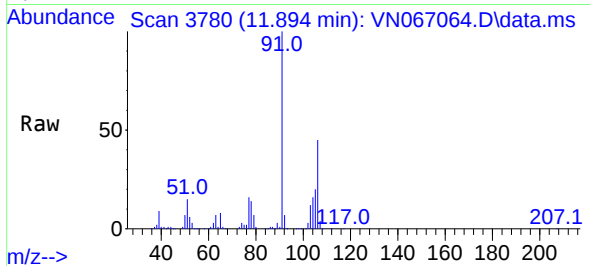
#68
o-Xylene
Concen: 19.70 ug/l
RT: 11.894 min Scan# 3780
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:106 Resp: 168815
Ion Ratio Lower Upper
106 100
91 220.5 113.3 339.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

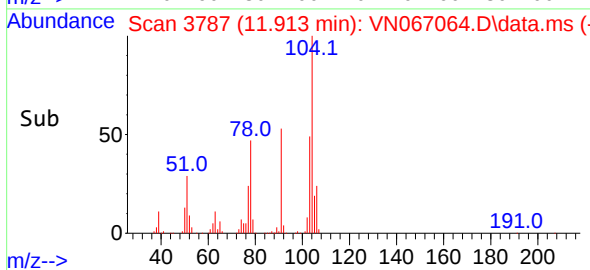
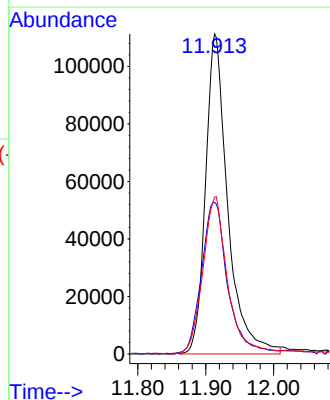
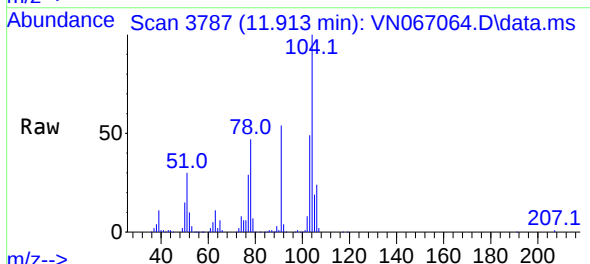
Manual Integrations
APPROVED

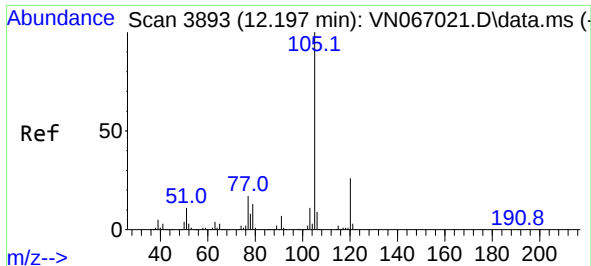
MMDadoda
5/10/2021 2:24:22 PM



#69
Styrene
Concen: 19.17 ug/l
RT: 11.913 min Scan# 3787
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

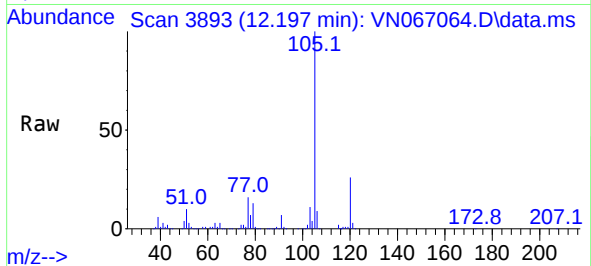
Tgt Ion:104 Resp: 252521
Ion Ratio Lower Upper
104 100
78 55.0 43.8 65.6
103 54.7 43.9 65.9





#70
Isopropylbenzene
Concen: 19.69 ug/l
RT: 12.197 min Scan# 3893
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

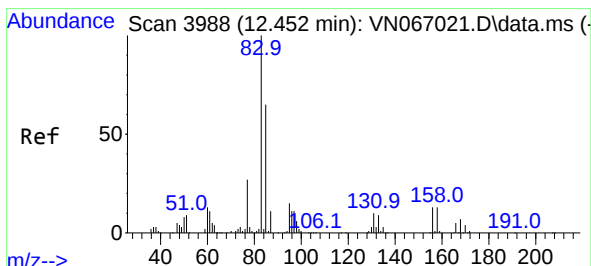
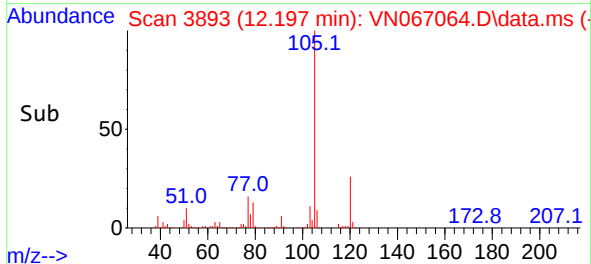
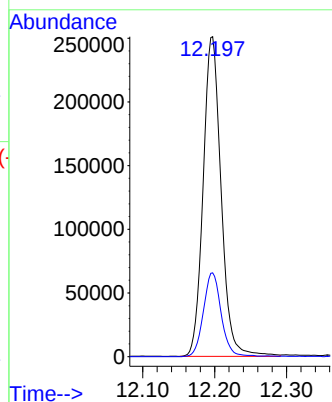
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



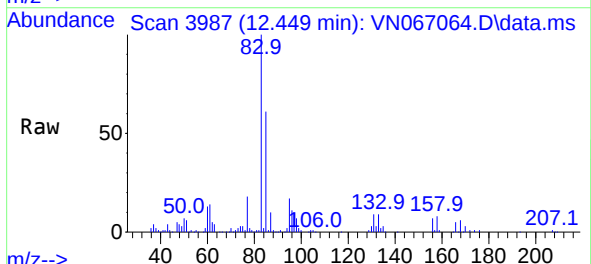
Tgt Ion:105 Resp: 437558
Ion Ratio Lower Upper
105 100
120 25.8 18.2 33.8

Manual Integrations
APPROVED

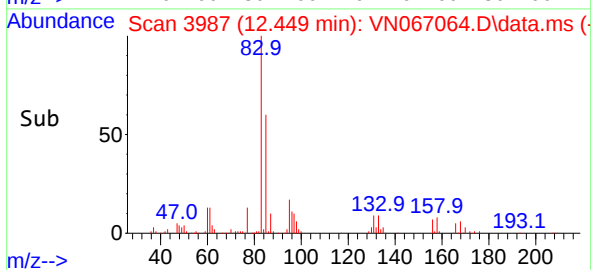
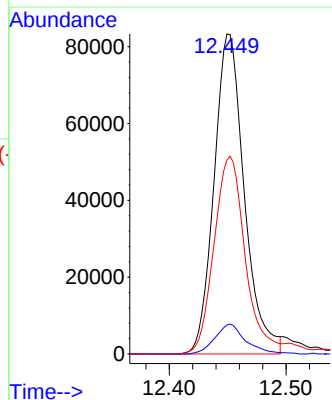
MMDadoda
5/10/2021 2:24:22 PM

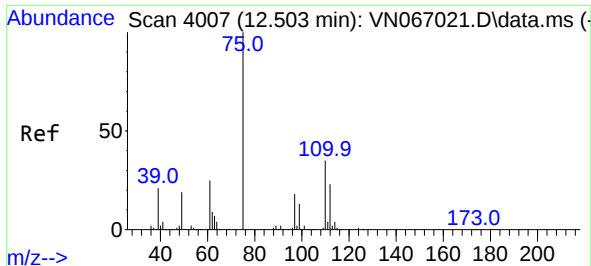


#71
1,1,2,2-Tetrachloroethane
Concen: 18.54 ug/l
RT: 12.449 min Scan# 3987
Delta R.T. -0.002 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



Tgt Ion: 83 Resp: 149965
Ion Ratio Lower Upper
83 100
131 9.5 4.6 13.8
85 63.8 31.0 93.0





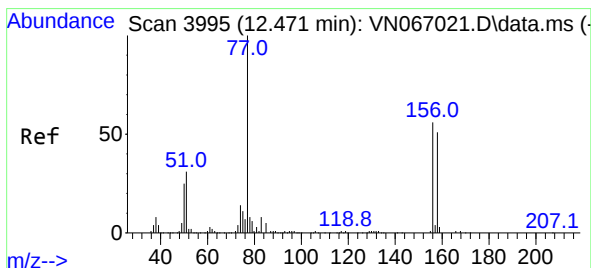
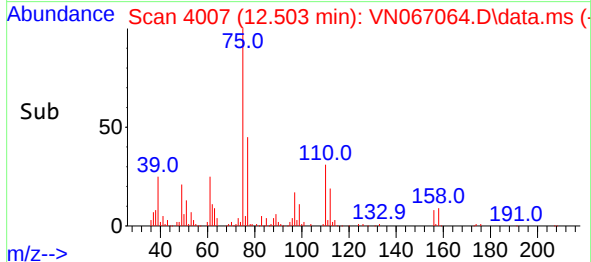
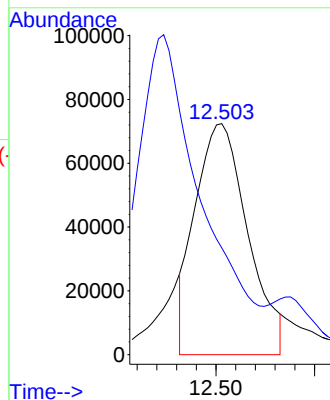
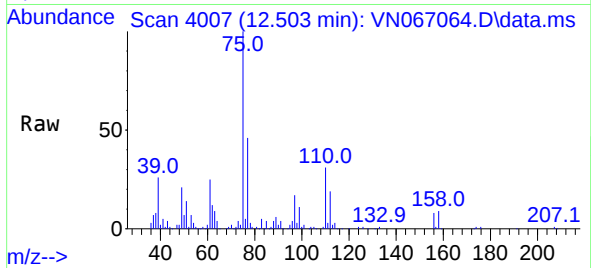
#72
1,2,3-Trichloropropane
Concen: 18.32 ug/l m
RT: 12.503 min Scan# 4007
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 75 Resp: 134296
Ion Ratio Lower Upper
75 100
77 171.0 0.0 329.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

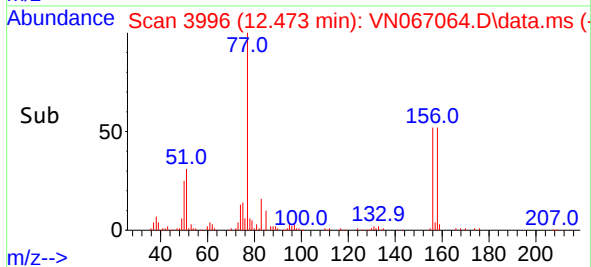
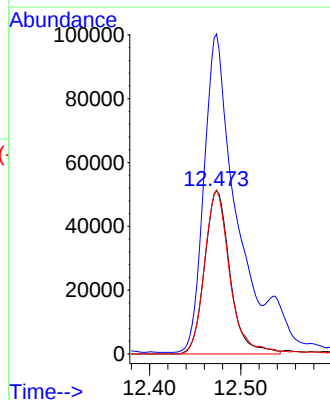
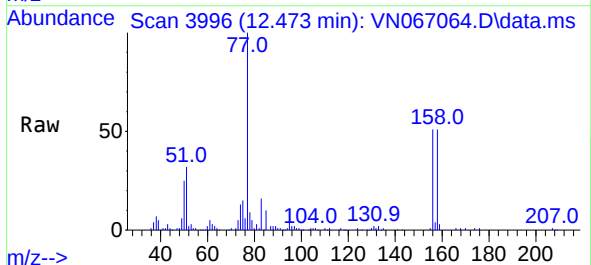
Manual Integrations
APPROVED

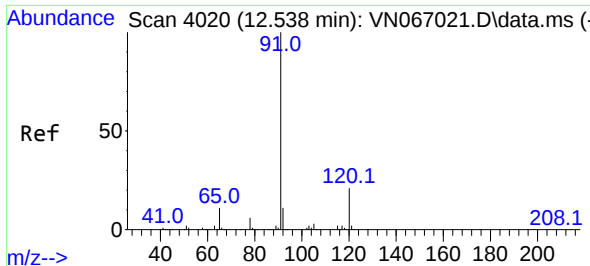
MMDadoda
5/10/2021 2:24:22 PM



#73
Bromobenzene
Concen: 18.48 ug/l
RT: 12.473 min Scan# 3996
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

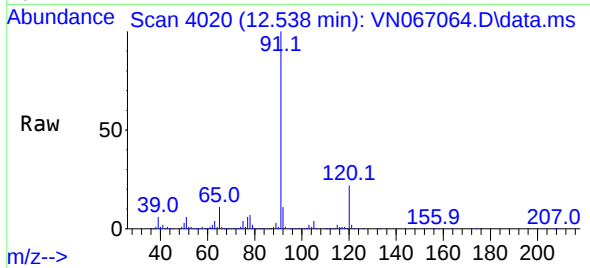
Tgt Ion:156 Resp: 99189
Ion Ratio Lower Upper
156 100
77 231.6 0.0 448.2
158 97.2 0.0 192.4





#74
n-propylbenzene
Concen: 19.56 ug/l
RT: 12.538 min Scan# 4020
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

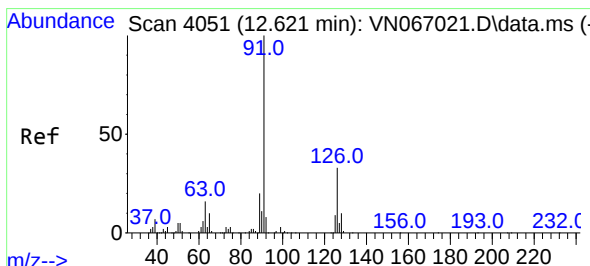
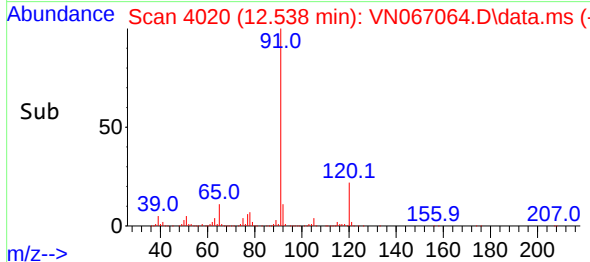
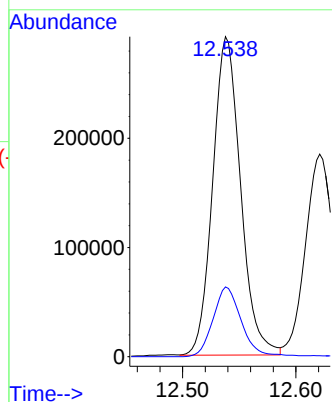
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



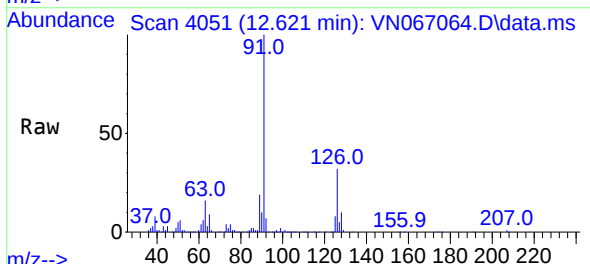
Tgt Ion: 91 Resp: 498212
Ion Ratio Lower Upper
91 100
120 22.3 0.0 43.6

Manual Integrations
APPROVED

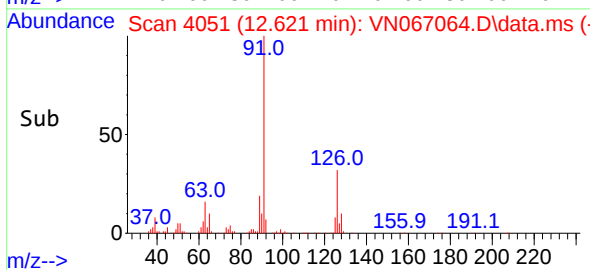
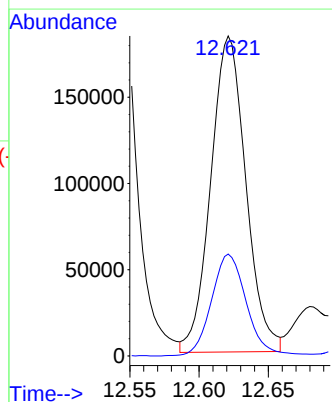
MMDadoda
5/10/2021 2:24:22 PM

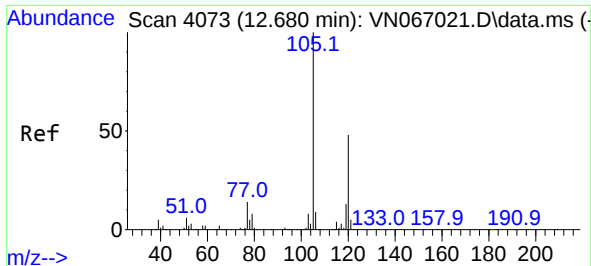


#75
2-Chlorotoluene
Concen: 19.72 ug/l
RT: 12.621 min Scan# 4051
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



Tgt Ion: 91 Resp: 322871
Ion Ratio Lower Upper
91 100
126 32.3 0.0 63.8





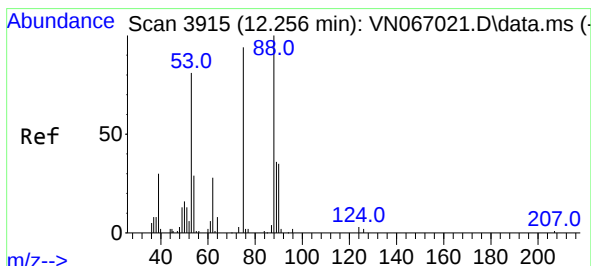
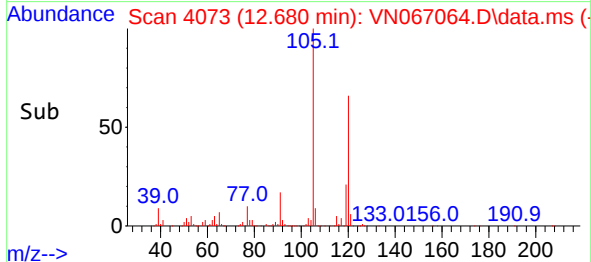
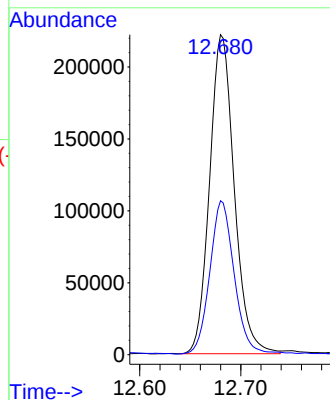
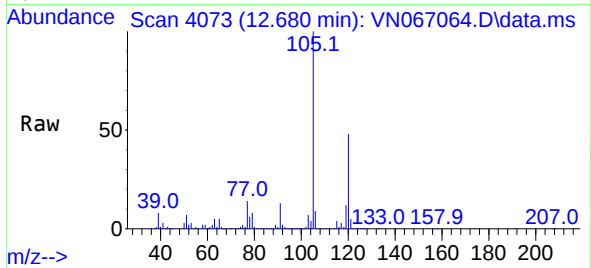
#76
1,3,5-Trimethylbenzene
Concen: 19.19 ug/l
RT: 12.680 min Scan# 4073
Delta R.T. -0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 105 Resp: 377054
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

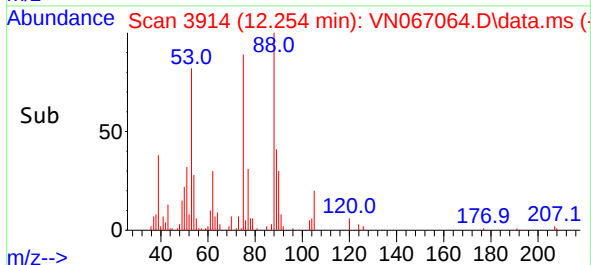
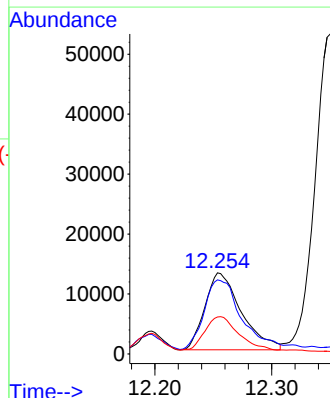
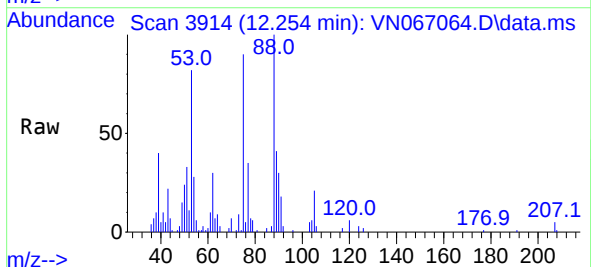
Manual Integrations
APPROVED

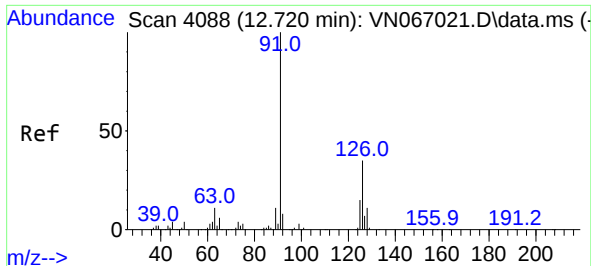
MMDadoda
5/10/2021 2:24:22 PM



#77
t-1,4-Dichloro-2-butene
Concen: 16.92 ug/l
RT: 12.254 min Scan# 3914
Delta R.T. -0.002 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 75 Resp: 27819
Ion Ratio Lower Upper
75 100
53 90.4 43.1 129.4
89 43.1 18.8 56.4





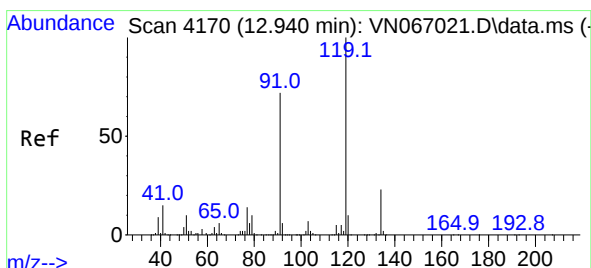
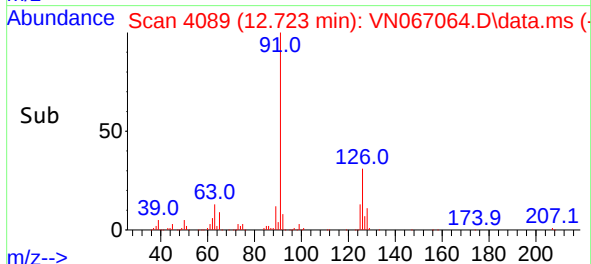
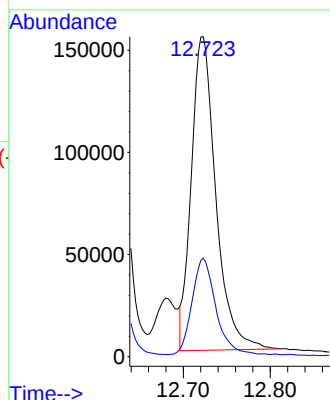
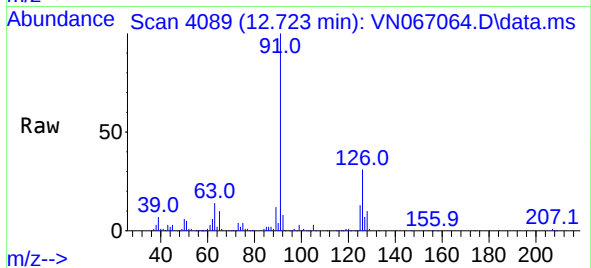
#78
4-Chlorotoluene
Concen: 20.49 ug/l
RT: 12.723 min Scan# 4089
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 301118
Ion Ratio Lower Upper
91 100
126 29.6 0.0 61.2

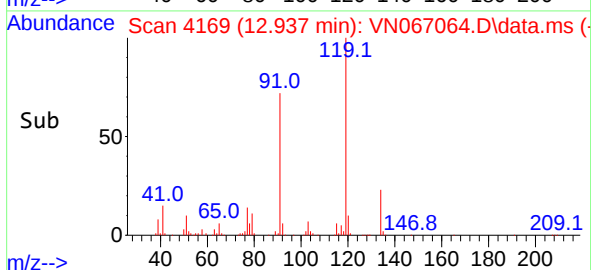
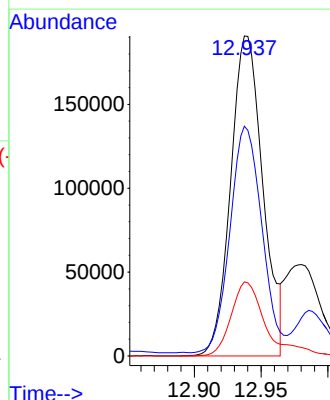
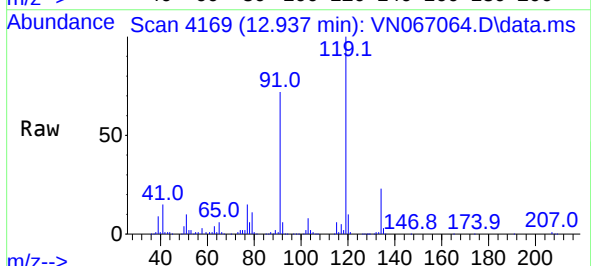
Manual Integrations
APPROVED

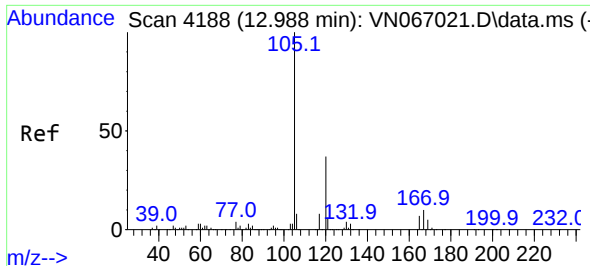
MMDadoda
5/10/2021 2:24:22 PM



#79
tert-butylbenzene
Concen: 19.25 ug/l
RT: 12.937 min Scan# 4169
Delta R.T. -0.002 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

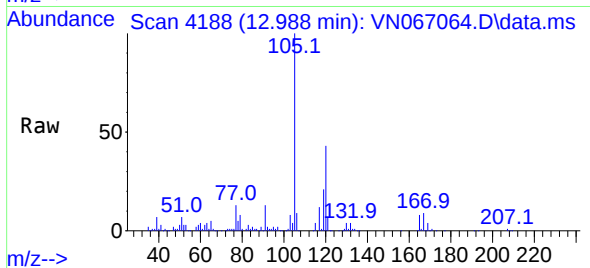
Tgt Ion: 119 Resp: 320404
Ion Ratio Lower Upper
119 100
91 70.1 0.0 140.2
134 25.0 0.0 46.6





#80
1,2,4-Trimethylbenzene
Concen: 19.76 ug/l
RT: 12.988 min Scan# 4188
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

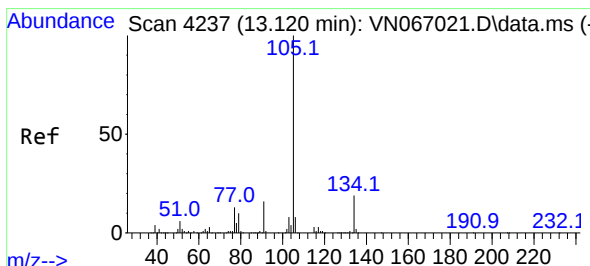
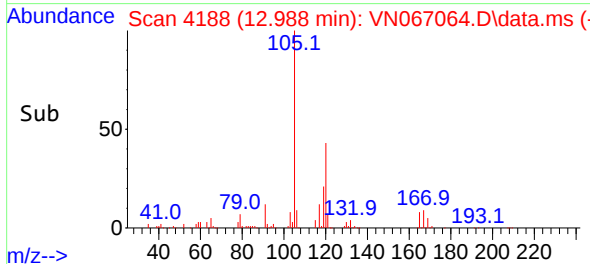
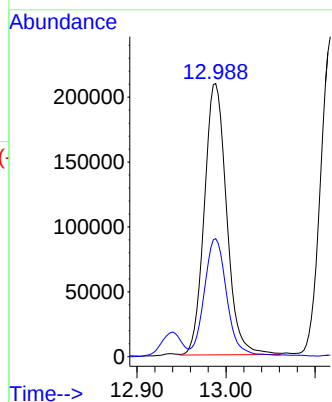
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



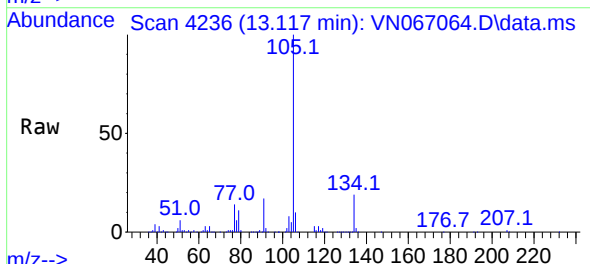
Tgt Ion:105 Resp: 363952
Ion Ratio Lower Upper
105 100
120 41.8 0.0 88.8

Manual Integrations
APPROVED

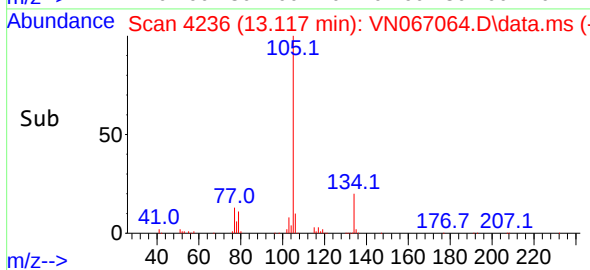
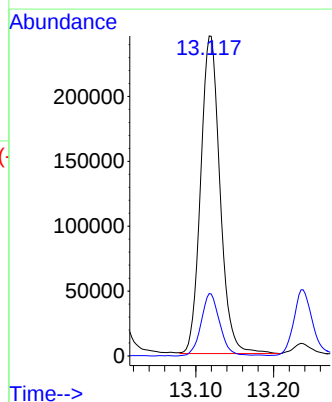
MMDadoda
5/10/2021 2:24:22 PM

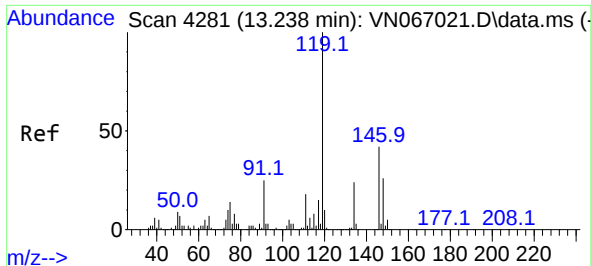


#81
sec-Butylbenzene
Concen: 19.25 ug/l
RT: 13.117 min Scan# 4236
Delta R.T. -0.002 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

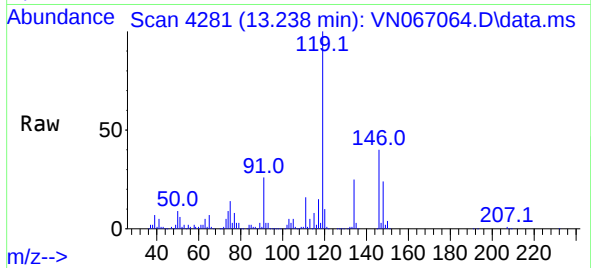


Tgt Ion:105 Resp: 423598
Ion Ratio Lower Upper
105 100
134 19.0 0.0 38.8

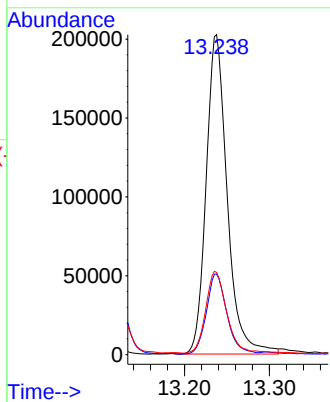
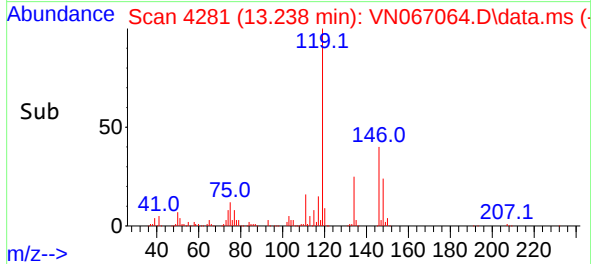




#82
p-Isopropyltoluene
Concen: 19.93 ug/l
RT: 13.238 min Scan# 4281
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



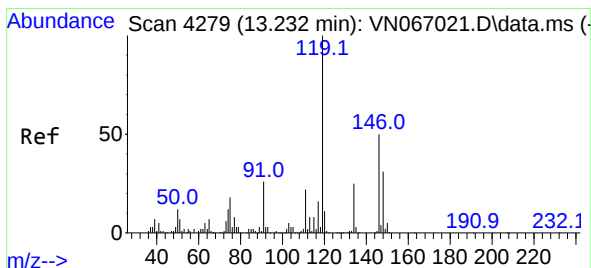
Tgt Ion:119 Resp: 348897
Ion Ratio Lower Upper
119 100
134 24.3 0.0 49.8
91 24.9 0.0 49.6



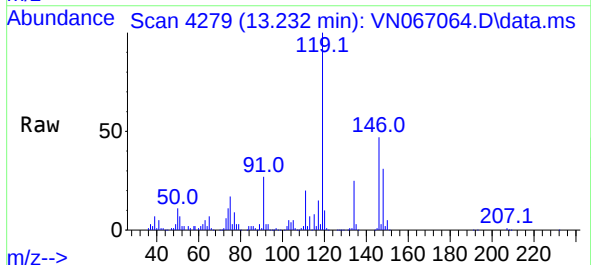
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

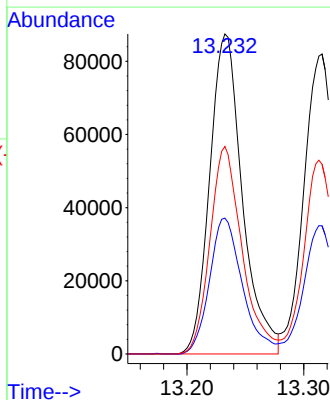
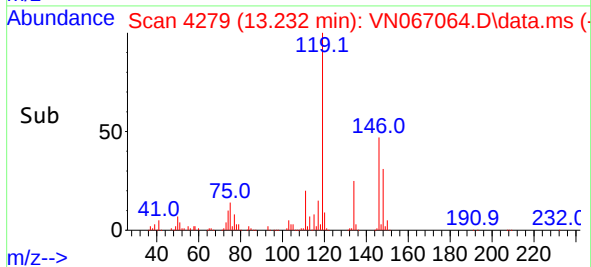
MMDadoda
5/10/2021 2:24:22 PM

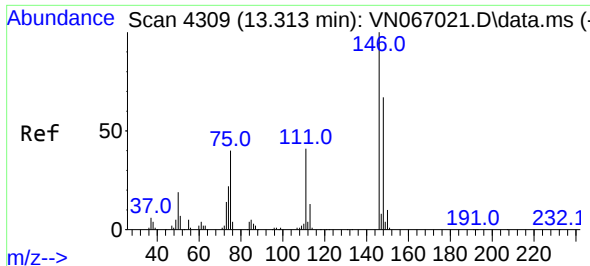


#83
1,3-Dichlorobenzene
Concen: 19.12 ug/l
RT: 13.232 min Scan# 4279
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



Tgt Ion:146 Resp: 170320
Ion Ratio Lower Upper
146 100
111 42.7 21.8 65.3
148 63.9 32.1 96.3





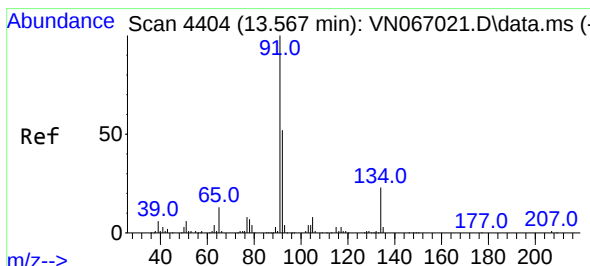
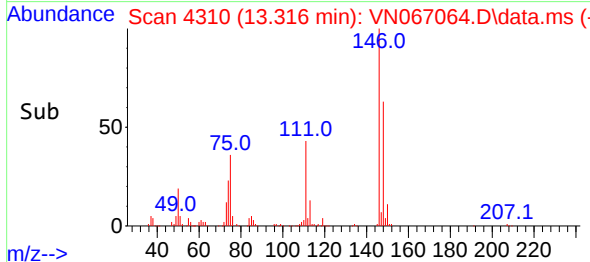
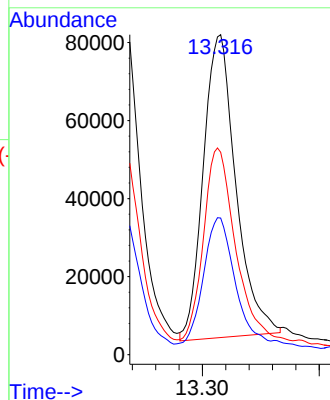
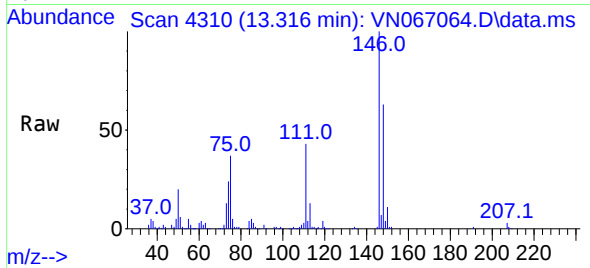
#84
1,4-Dichlorobenzene
Concen: 16.33 ug/l
RT: 13.316 min Scan# 4310
Delta R.T. 0.003 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 146 Resp: 150580
Ion Ratio Lower Upper
146 100
111 40.4 18.5 55.5
148 65.4 29.3 88.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

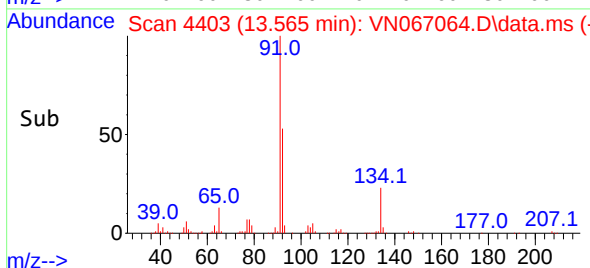
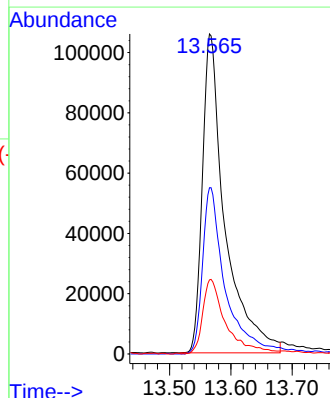
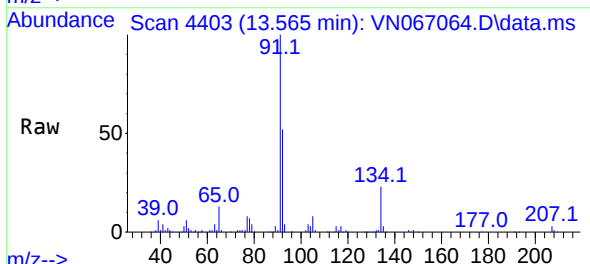
Manual Integrations
APPROVED

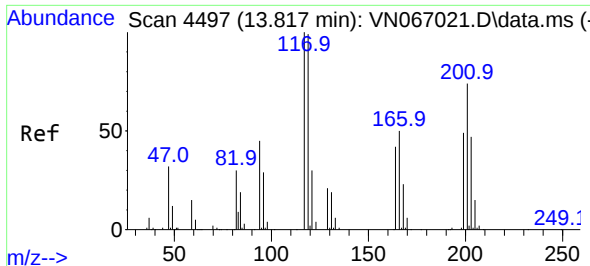
MMDadoda
5/10/2021 2:24:22 PM



#85
n-Butylbenzene
Concen: 19.24 ug/l
RT: 13.565 min Scan# 4403
Delta R.T. -0.002 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion: 91 Resp: 271173
Ion Ratio Lower Upper
91 100
92 52.0 0.0 95.4
134 20.8 0.0 44.0





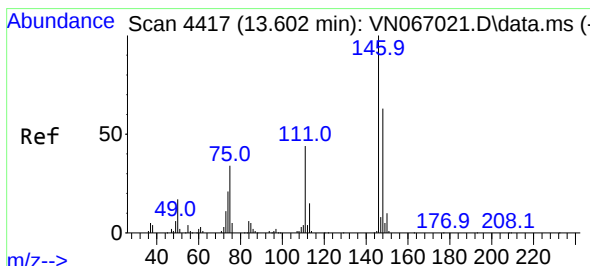
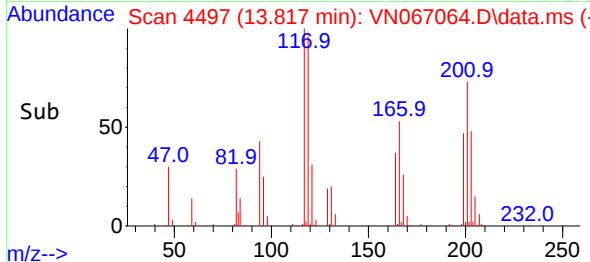
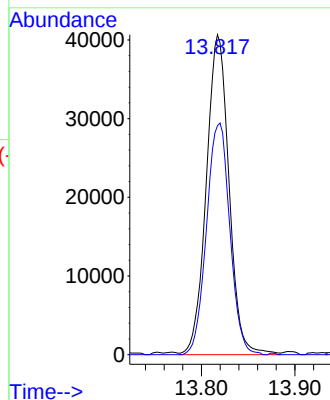
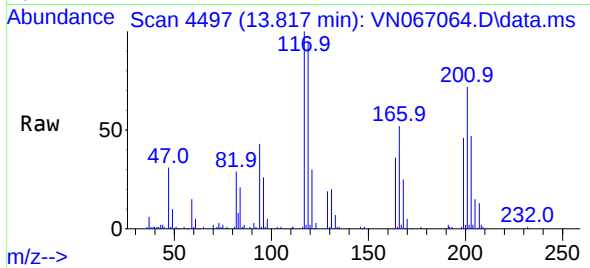
#86
Hexachloroethane
Concen: 17.71 ug/l
RT: 13.817 min Scan# 4497
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:117 Resp: 68632
Ion Ratio Lower Upper
117 100
201 74.2 37.8 113.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

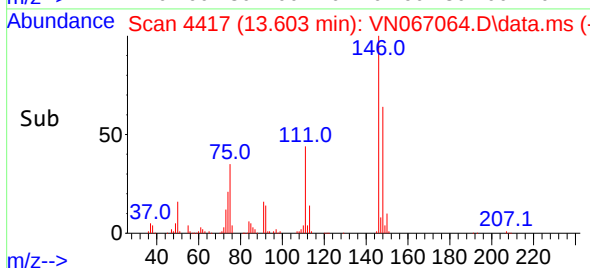
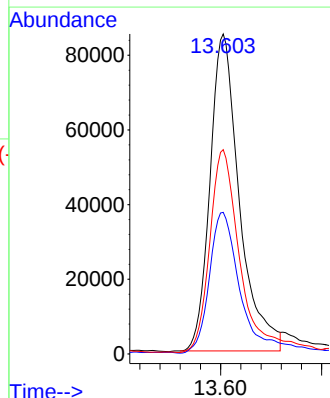
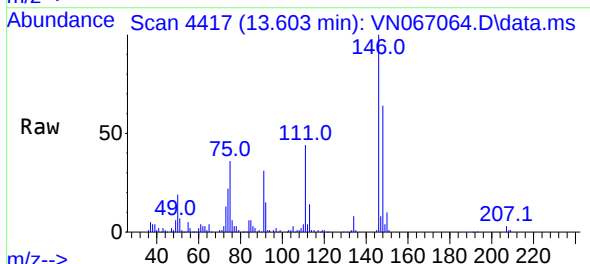
Manual Integrations
APPROVED

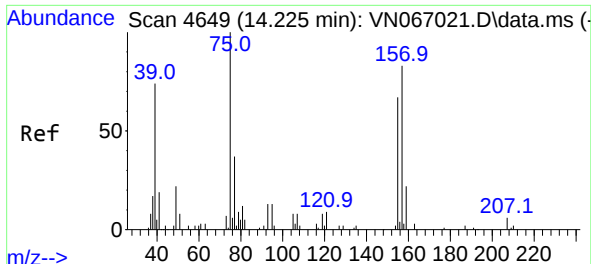
MMDadoda
5/10/2021 2:24:22 PM



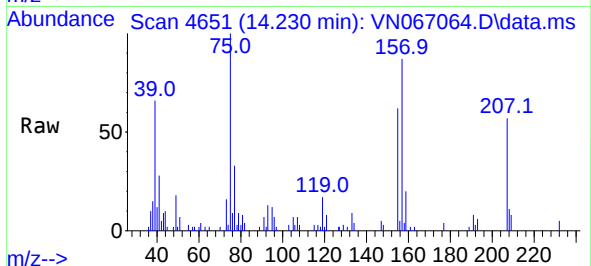
#87
1,2-Dichlorobenzene
Concen: 18.59 ug/l
RT: 13.603 min Scan# 4417
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:146 Resp: 171647
Ion Ratio Lower Upper
146 100
111 44.0 20.5 61.5
148 64.7 30.1 90.5

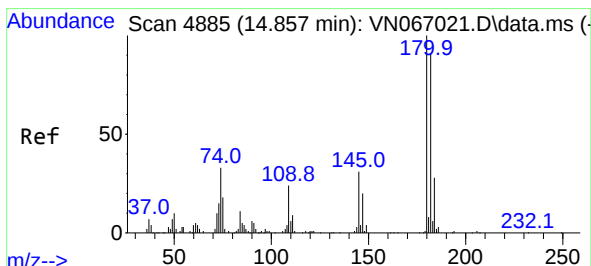
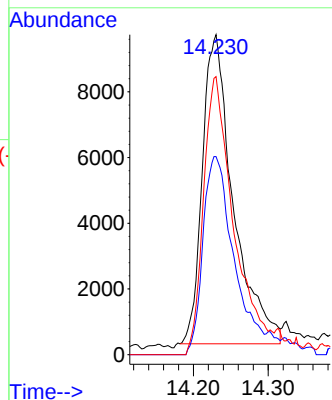
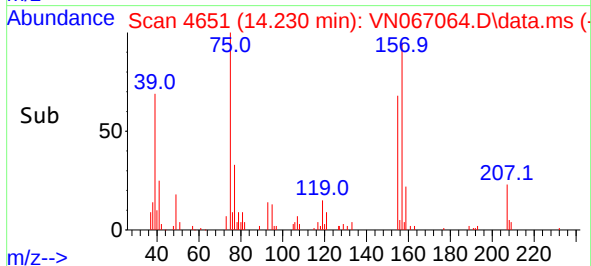




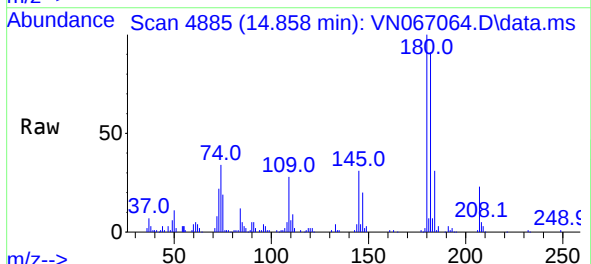
#88
1,2-Dibromo-3-Chloropropane
Concen: 17.28 ug/l
RT: 14.230 min Scan# 4651
Delta R.T. 0.006 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



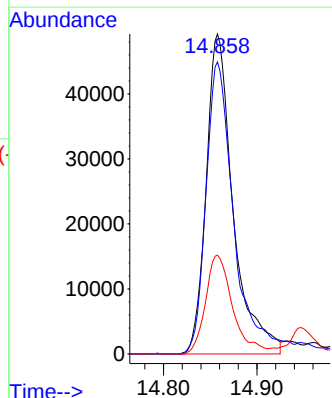
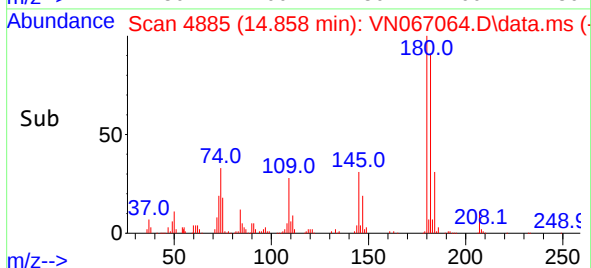
Tgt Ion: 75 Resp: 27092
Ion Ratio Lower Upper
75 100
155 59.2 53.4 80.2
157 87.0 69.8 104.8



#89
1,2,4-Trichlorobenzene
Concen: 21.19 ug/l
RT: 14.858 min Scan# 4885
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34



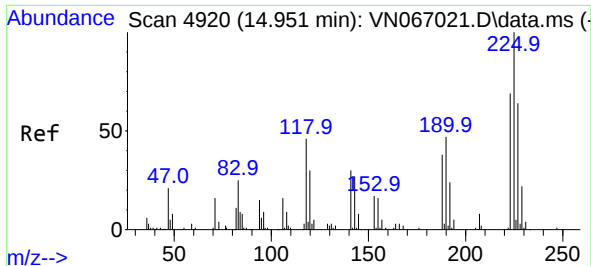
Tgt Ion: 180 Resp: 98759
Ion Ratio Lower Upper
180 100
182 95.0 78.6 117.8
145 29.4 25.0 37.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
5/10/2021 2:24:22 PM



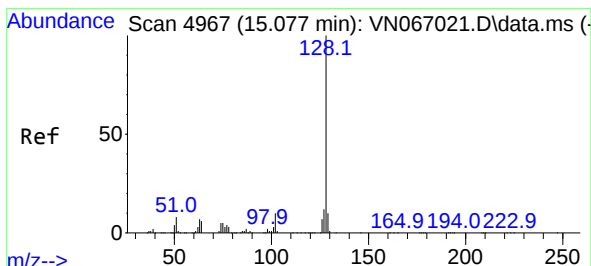
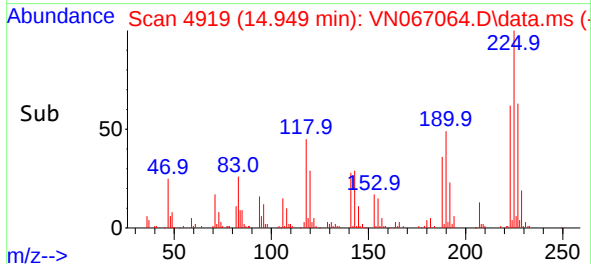
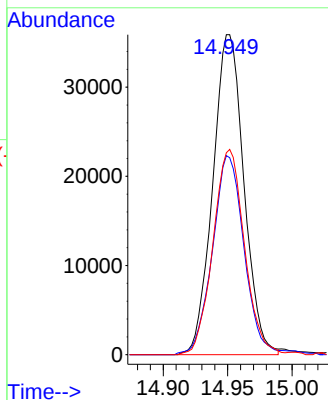
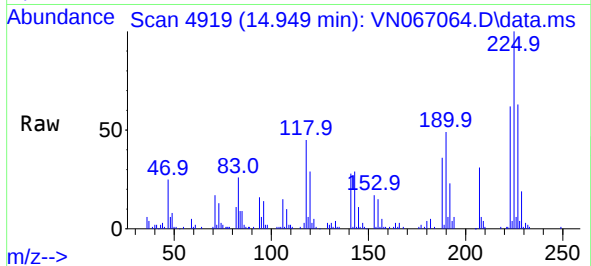
#90
Hexachlorobutadiene
Concen: 19.17 ug/l
RT: 14.949 min Scan# 4919
Delta R.T. -0.002 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:	225	Resp:	60294
Ion Ratio	Lower	Upper	
225	100		
223	62.7	0.0	137.2
227	64.8	0.0	127.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

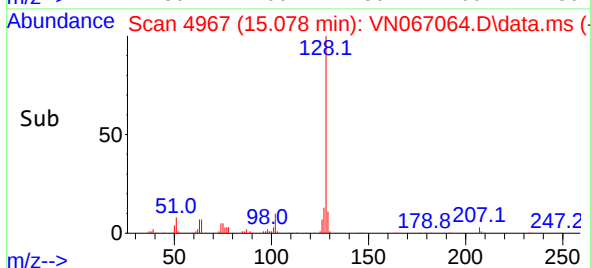
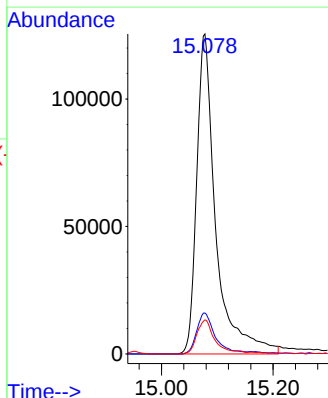
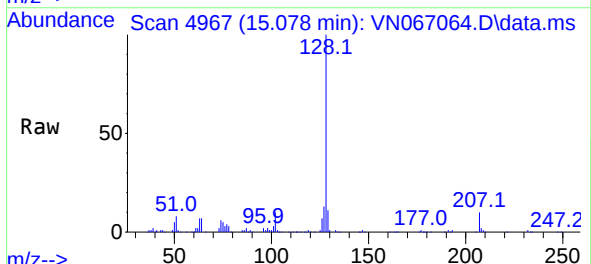
Manual Integrations
APPROVED

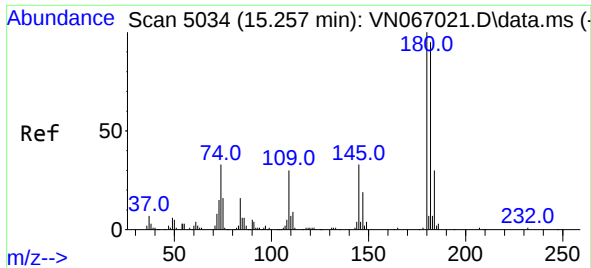
MMDadoda
5/10/2021 2:24:22 PM



#91
Naphthalene
Concen: 23.33 ug/l
RT: 15.078 min Scan# 4967
Delta R.T. 0.000 min
Lab File: VN067064.D
Acq: 7 May 2021 20:34

Tgt Ion:	128	Resp:	298005
Ion Ratio	Lower	Upper	
128	100		
127	11.9	9.8	14.6
129	9.9	7.8	11.8





#92
 1,2,3-Trichlorobenzene
 Concen: 20.10 ug/l
 RT: 15.255 min Scan# 5033
 Delta R.T. -0.002 min
 Lab File: VN067064.D
 Acq: 7 May 2021 20:34

Tgt Ion:	180	Resp:	98134
Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	184.4
145	34.4	0.0	67.6

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:24:22 PM

