

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066986.D
 Acq On : 5 May 2021 14:09
 Operator : JC/MD
 Sample : VN0505WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2021 5:40:17 PM

Quant Time: May 06 04:49:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	718433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	1285971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	1159159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	491223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	554759	49.06	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.12%		
35) Dibromofluoromethane	7.514	113	406408	46.54	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.08%		
50) Toluene-d8	10.030	98	1608411	48.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.74%		
62) 4-Bromofluorobenzene	12.347	95	562949	49.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.98%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.834	85	157666	16.25	ug/l	98
3) Chloromethane	2.032	50	252211	18.11	ug/l	100
4) Vinyl Chloride	2.161	62	239992	17.95	ug/l	99
5) Bromomethane	2.505	94	131924	18.55	ug/l	100
6) Chloroethane	2.652	64	148625	18.86	ug/l	99
7) Trichlorofluoromethane	2.966	101	266758	16.81	ug/l	98
8) Diethyl Ether	3.357	74	117255	20.57	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.693	101	146629	18.17	ug/l	93
10) Methyl Iodide	3.886	142	207149	19.48	ug/l	96
11) Tert butyl alcohol	4.712	59	165841	103.87	ug/l #	85
12) 1,1-Dichloroethene	3.671	96	145375	18.51	ug/l #	82
13) Acrolein	3.545	56	129334	97.36	ug/l	99
14) Allyl chloride	4.248	41	314692	19.98	ug/l	91
15) Acrylonitrile	4.897	53	486901	102.75	ug/l	98
16) Acetone	3.754	43	375594	94.42	ug/l	97
17) Carbon Disulfide	3.982	76	446194	18.33	ug/l	98
18) Methyl Acetate	4.253	43	249486	21.92	ug/l	95
19) Methyl tert-butyl Ether	4.956	73	556602	19.77	ug/l	97
20) Methylene Chloride	4.468	84	194139	19.24	ug/l	87
21) trans-1,2-Dichloroethene	4.950	96	159606	18.68	ug/l	88
22) Diisopropyl ether	5.865	45	655889	20.57	ug/l	90
23) Vinyl Acetate	5.806	43	2618247	102.60	ug/l	95
24) 1,1-Dichloroethane	5.755	63	358062	19.43	ug/l	96
25) 2-Butanone	6.750	43	585360	99.80	ug/l	92
26) 2,2-Dichloropropane	6.734	77	280948	18.16	ug/l	95
27) cis-1,2-Dichloroethene	6.739	96	187327	19.13	ug/l	85
28) Bromochloromethane	7.109	49	167064	19.61	ug/l #	76
29) Tetrahydrofuran	7.131	42	408076	104.85	ug/l	91
30) Chloroform	7.292	83	324314	18.44	ug/l	97
31) Cyclohexane	7.579	56	303986	19.11	ug/l	92
32) 1,1,1-Trichloroethane	7.493	97	270683	17.84	ug/l	97
36) 1,1-Dichloropropene	7.716	75	233543	17.44	ug/l	95
37) Ethyl Acetate	6.847	43	263590	19.31	ug/l	98
38) Carbon Tetrachloride	7.697	117	226886	16.25	ug/l	99
39) Methylcyclohexane	9.016	83	269359	18.04	ug/l	90
40) Benzene	7.968	78	761545	18.11	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066986.D
 Acq On : 5 May 2021 14:09
 Operator : JC/MD
 Sample : VN0505WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2021 5:40:17 PM

Quant Time: May 06 04:49:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.088	41	120090	20.48	ug/l #	100
42) 1,2-Dichloroethane	8.053	62	258666	17.24	ug/l	99
43) Isopropyl Acetate	8.096	43	421059	19.00	ug/l #	89
44) Trichloroethene	8.772	130	157953	17.05	ug/l	92
45) 1,2-Dichloropropane	9.054	63	217776	18.54	ug/l	98
46) Dibromomethane	9.145	93	120818	17.44	ug/l	92
47) Bromodichloromethane	9.338	83	262476	17.52	ug/l	99
48) Methyl methacrylate	9.140	41	183156	18.65	ug/l	93
49) 1,4-Dioxane	9.140	88	56115	360.50	ug/l	90
51) 4-Methyl-2-Pentanone	9.923	43	1242327	96.97	ug/l	97
52) Toluene	10.094	92	438747	17.76	ug/l	98
53) t-1,3-Dichloropropene	10.325	75	284274	17.80	ug/l	98
54) cis-1,3-Dichloropropene	9.778	75	316021	17.92	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	174915	17.84	ug/l	96
56) Ethyl methacrylate	10.373	69	253312	19.90	ug/l	95
57) 1,3-Dichloropropane	10.647	76	313125	18.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	258117	109.93	ug/l	91
59) 2-Hexanone	10.695	43	705369	95.18	ug/l	99
60) Dibromochloromethane	10.843	129	184711	16.82	ug/l	100
61) 1,2-Dibromoethane	10.947	107	169503	17.74	ug/l	100
64) Tetrachloroethene	10.572	164	131692	16.62	ug/l	96
65) Chlorobenzene	11.376	112	438651	17.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	164805	17.13	ug/l	99
67) Ethyl Benzene	11.457	91	807863	18.49	ug/l	96
68) m/p-Xylenes	11.567	106	585512	36.01	ug/l	93
69) o-Xylene	11.894	106	316171	20.09	ug/l	56
70) Styrene	11.913	104	455072	19.39	ug/l	91
71) Bromoform	12.076	173	114708	16.50	ug/l #	97
73) Isopropylbenzene	12.194	105	780426	20.48	ug/l	98
74) N-amyl acetate	12.063	43	6540	0.95	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.452	83	272726	20.42	ug/l	98
76) 1,2,3-Trichloropropane	12.503	75	241663m	20.65	ug/l	
77) Bromobenzene	12.471	156	241768	26.89	ug/l	79
78) n-propylbenzene	12.538	91	860711	19.90	ug/l	96
79) 2-Chlorotoluene	12.621	91	547875	19.34	ug/l	94
80) 1,3,5-Trimethylbenzene	12.680	105	652655	19.63	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.256	75	59166	19.63	ug/l	91
82) 4-Chlorotoluene	12.720	91	497624	18.25	ug/l	94
83) tert-Butylbenzene	12.937	119	553770	19.85	ug/l	97
84) 1,2,4-Trimethylbenzene	12.986	105	621910	19.59	ug/l	100
85) sec-Butylbenzene	13.117	105	723563	19.97	ug/l	96
86) p-Isopropyltoluene	13.235	119	617418	19.83	ug/l	97
87) 1,3-Dichlorobenzene	13.230	146	281954	18.08	ug/l	97
88) 1,4-Dichlorobenzene	13.310	146	294567	18.78	ug/l	94
89) n-Butylbenzene	13.565	91	482320	20.71	ug/l	96
90) Hexachloroethane	13.817	117	122902	17.54	ug/l	99
91) 1,2-Dichlorobenzene	13.602	146	296859	19.03	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.227	75	45056	19.04	ug/l	74
93) 1,2,4-Trichlorobenzene	14.858	180	160137	19.41	ug/l	97
94) Hexachlorobutadiene	14.949	225	95817	18.97	ug/l	99
95) Naphthalene	15.075	128	487141	22.58	ug/l	100
96) 1,2,3-Trichlorobenzene	15.252	180	157169	19.65	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
Data File : VN066986.D
Acq On : 5 May 2021 14:09
Operator : JC/MD
Sample : VN0505WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

MMDadoda
5/6/2021 5:40:17 PM

Quant Time: May 06 04:49:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Wed May 05 07:24:52 2021
Response via : Initial Calibration

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

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

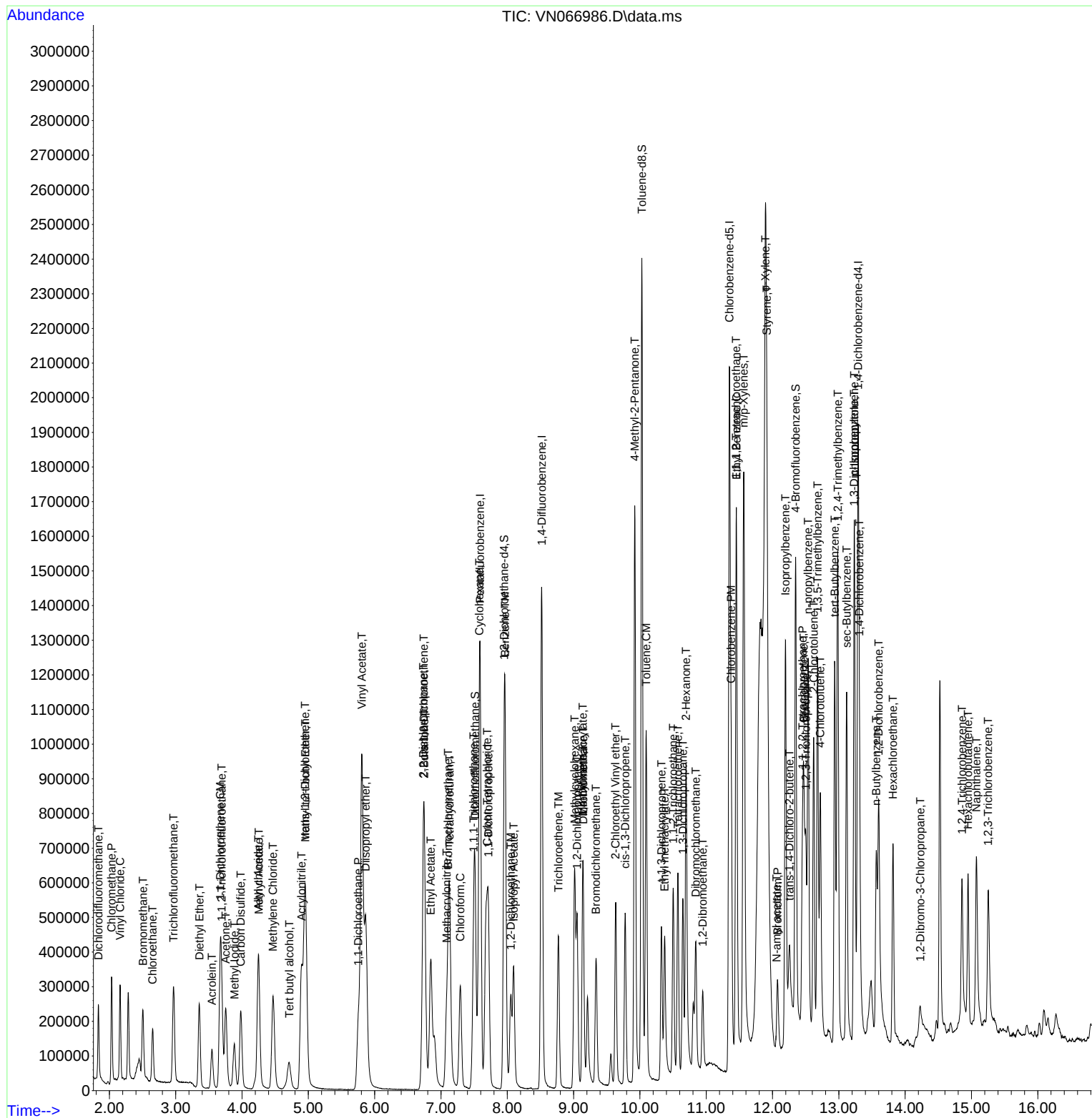
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066986.D
 Acq On : 5 May 2021 14:09
 Operator : JC/MD
 Sample : VN0505WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

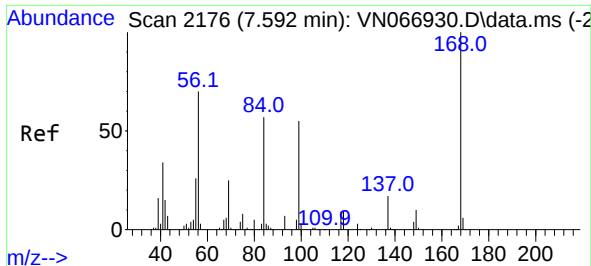
Instrument :
 MSVOA_N
 Client Sample Id :
 VN0505WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2021 5:40:17 PM

Quant Time: May 06 04:49:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration





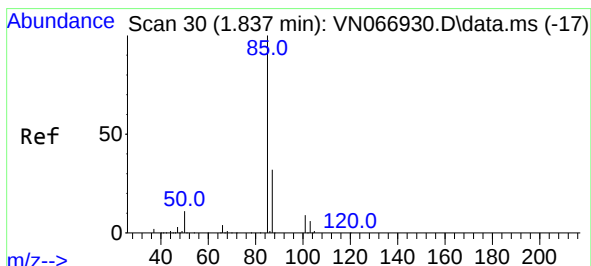
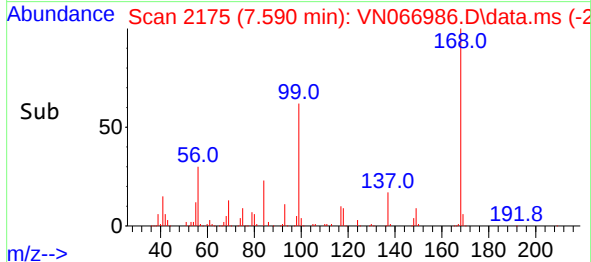
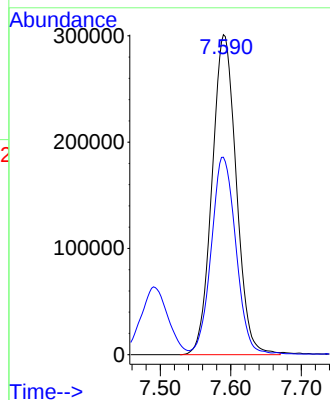
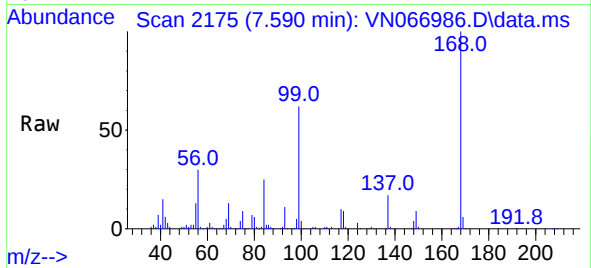
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.590 min Scan# 2175
Delta R.T. -0.002 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 168 Resp: 718433
Ion Ratio Lower Upper
168 100
99 61.2 42.6 63.8

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

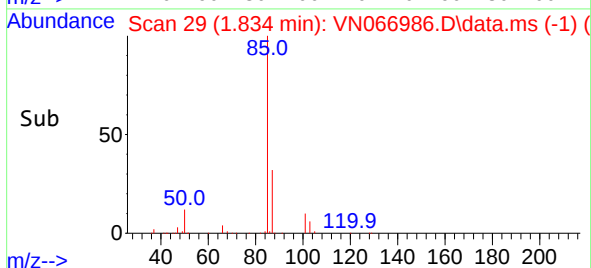
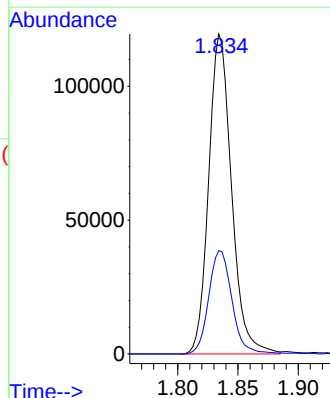
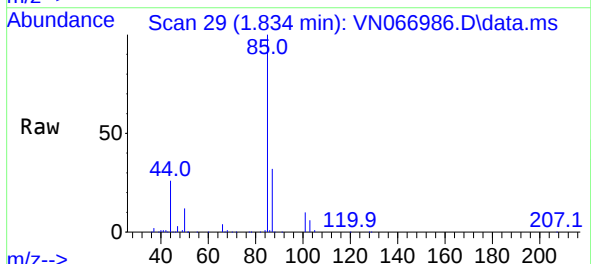
Manual Integrations
APPROVED

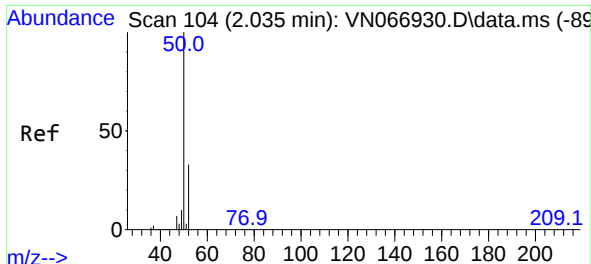
MMDadoda
5/6/2021 5:40:17 PM



#2
Dichlorodifluoromethane
Concen: 16.25 ug/l
RT: 1.834 min Scan# 29
Delta R.T. -0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 85 Resp: 157666
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.8





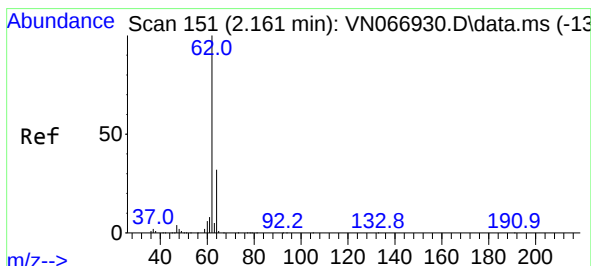
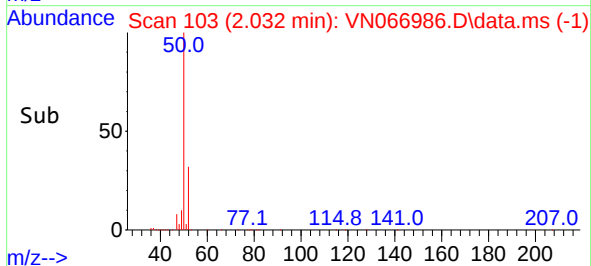
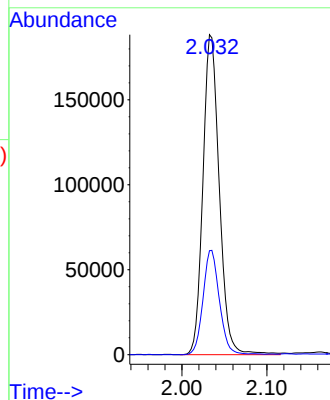
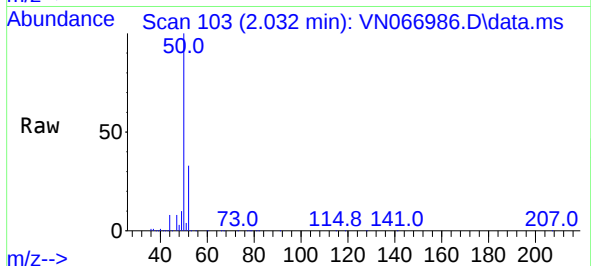
#3
Chloromethane
Concen: 18.11 ug/l
RT: 2.032 min Scan# 103
Delta R.T. -0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 50 Resp: 252211
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.8

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

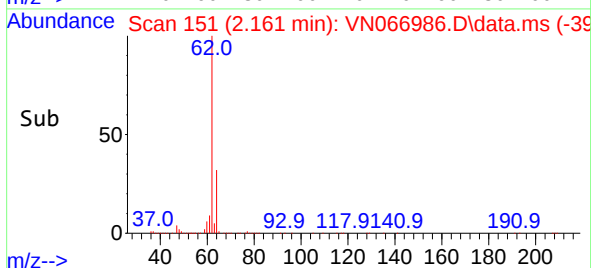
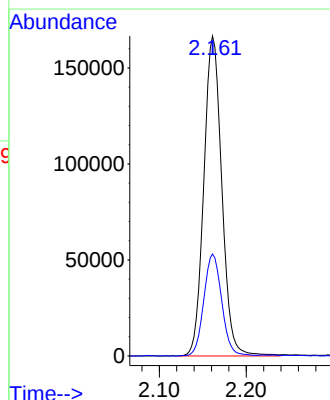
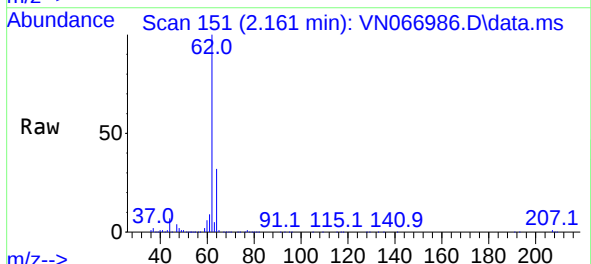
Manual Integrations
APPROVED

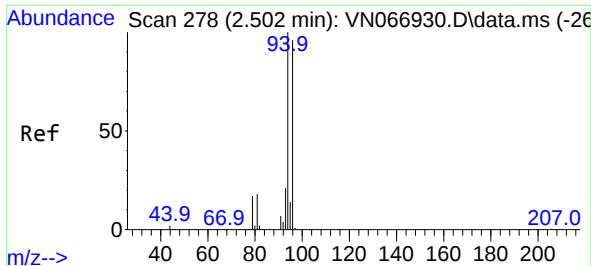
MMDadoda
5/6/2021 5:40:17 PM



#4
Vinyl Chloride
Concen: 17.95 ug/l
RT: 2.161 min Scan# 151
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

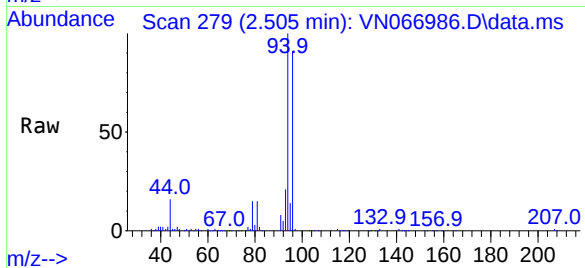
Tgt Ion: 62 Resp: 239992
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5
Bromomethane
Concen: 18.55 ug/l
RT: 2.505 min Scan# 279
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

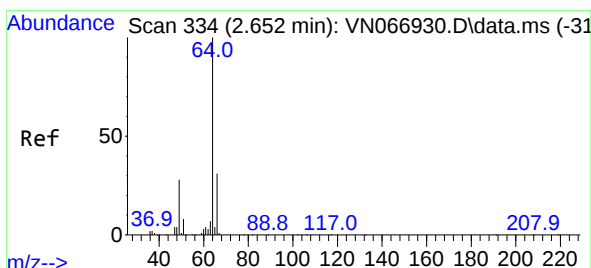
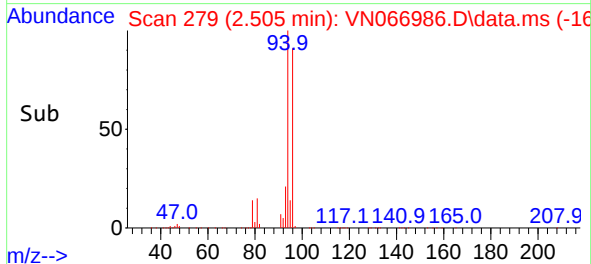
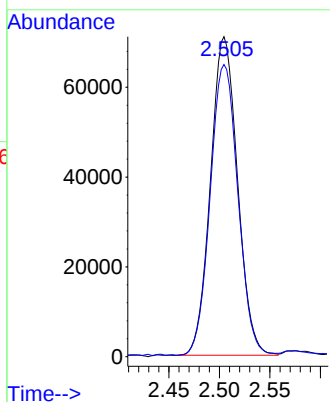
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01



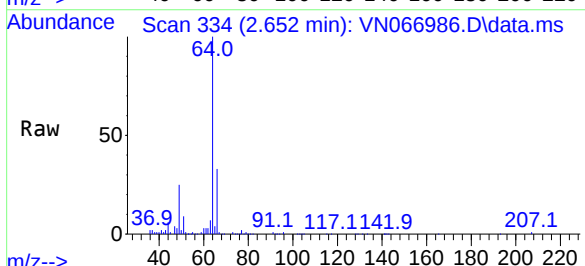
Tgt Ion: 94 Resp: 131924
Ion Ratio Lower Upper
94 100
96 91.3 73.0 109.4

Manual Integrations
APPROVED

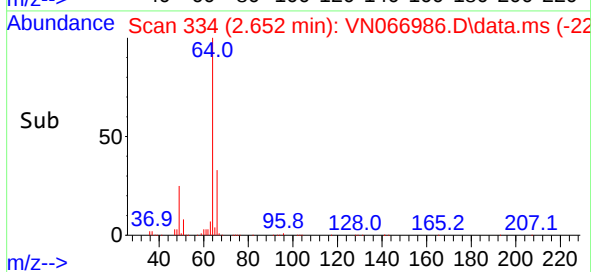
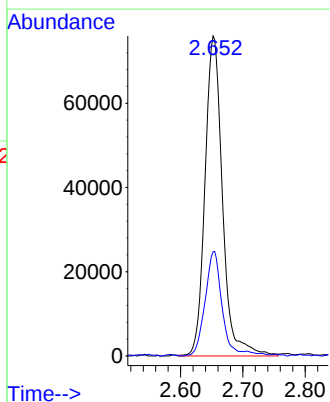
MMDadoda
5/6/2021 5:40:17 PM

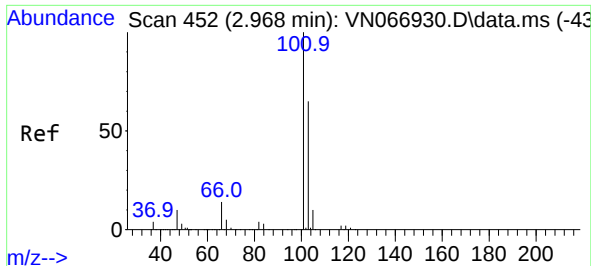


#6
Chloroethane
Concen: 18.86 ug/l
RT: 2.652 min Scan# 334
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



Tgt Ion: 64 Resp: 148625
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.2





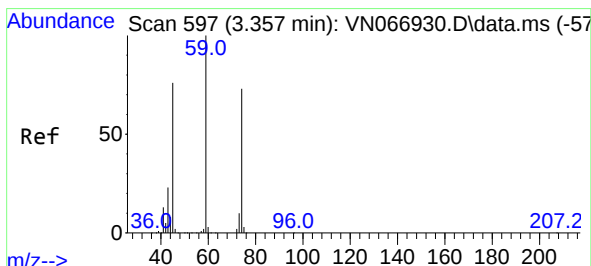
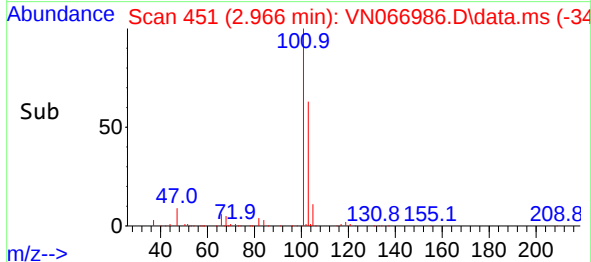
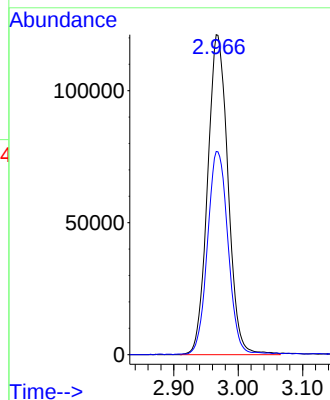
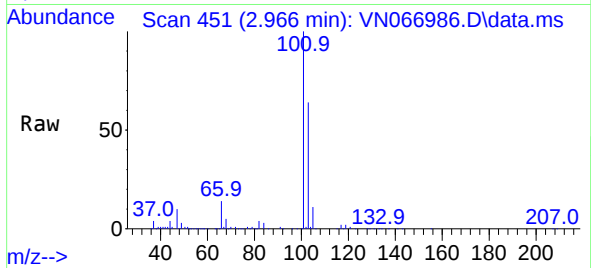
#7
Trichlorofluoromethane
Concen: 16.81 ug/l
RT: 2.966 min Scan# 451
Delta R.T. -0.002 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion:101 Resp: 266758
Ion Ratio Lower Upper
101 100
103 63.3 52.1 78.1

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

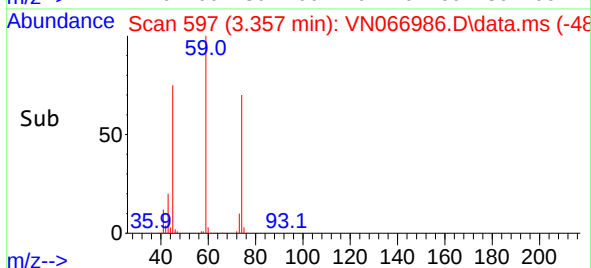
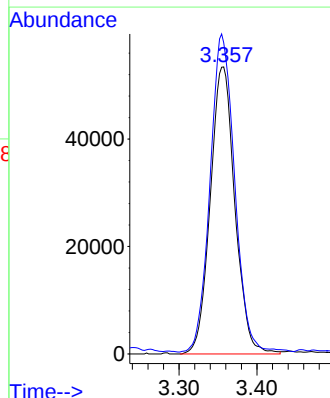
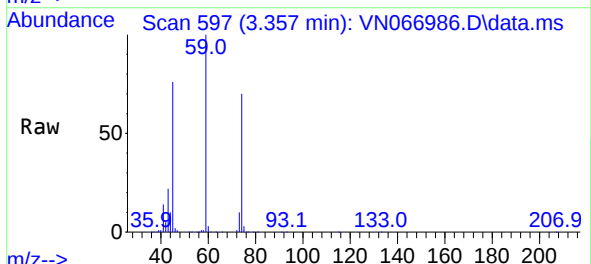
Manual Integrations
APPROVED

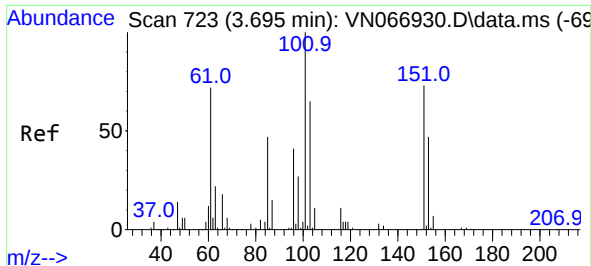
MMDadoda
5/6/2021 5:40:17 PM



#8
Diethyl Ether
Concen: 20.57 ug/l
RT: 3.357 min Scan# 597
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

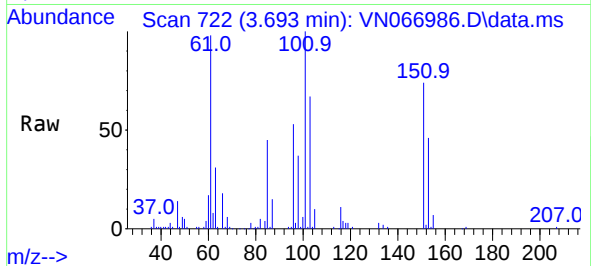
Tgt Ion: 74 Resp: 117255
Ion Ratio Lower Upper
74 100
45 109.9 46.4 139.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.17 ug/l
RT: 3.693 min Scan# 722
Delta R.T. -0.002 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

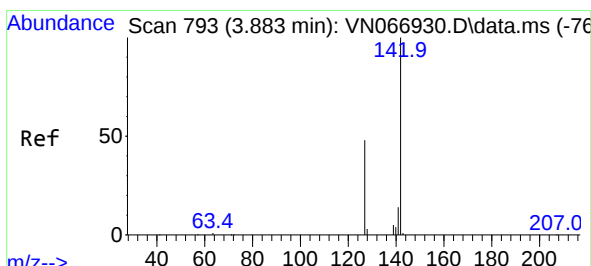
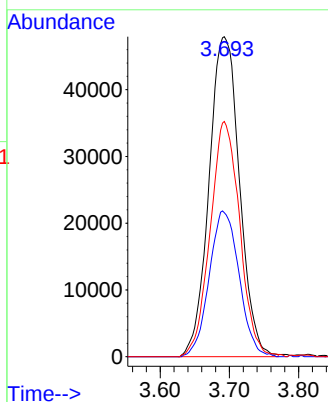
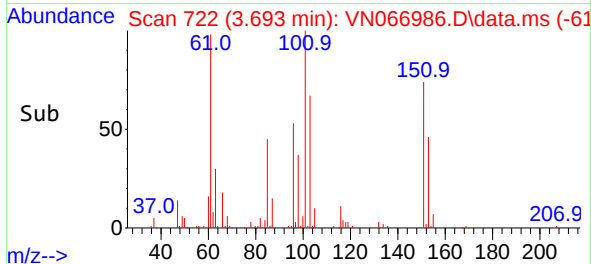
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01



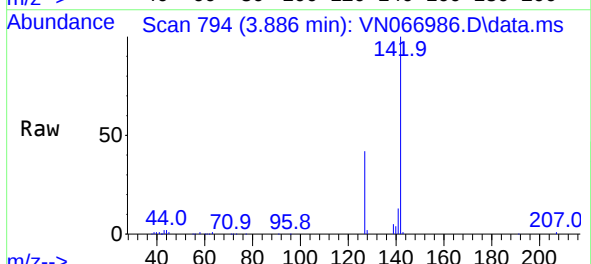
Tgt Ion:101 Resp: 146629
Ion Ratio Lower Upper
101 100
85 44.6 34.6 51.8
151 71.3 63.5 95.3

Manual Integrations
APPROVED

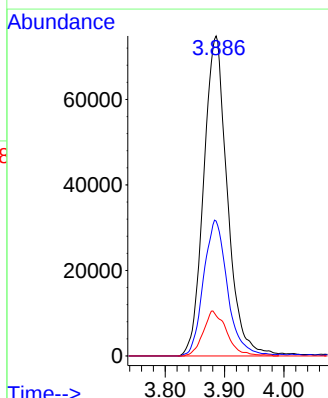
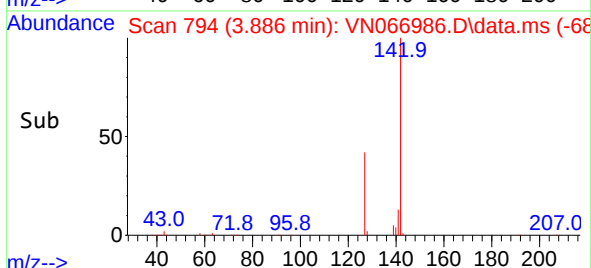
MMDadoda
5/6/2021 5:40:17 PM

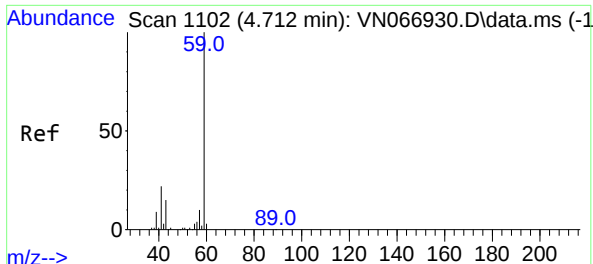


#10
Methyl Iodide
Concen: 19.48 ug/l
RT: 3.886 min Scan# 794
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



Tgt Ion:142 Resp: 207149
Ion Ratio Lower Upper
142 100
127 43.0 31.7 47.5
141 13.9 10.9 16.3





#11

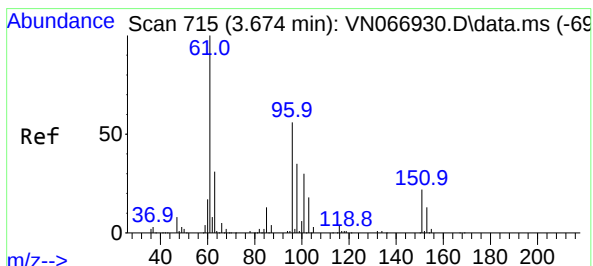
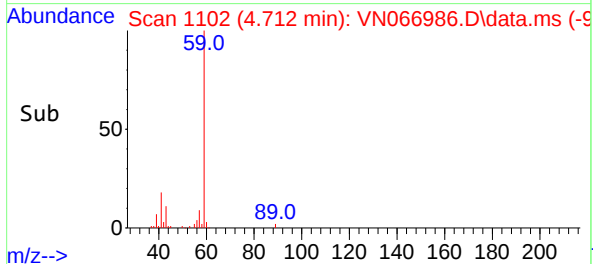
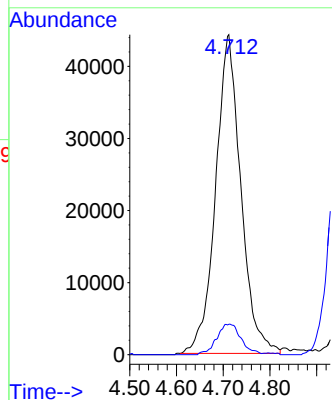
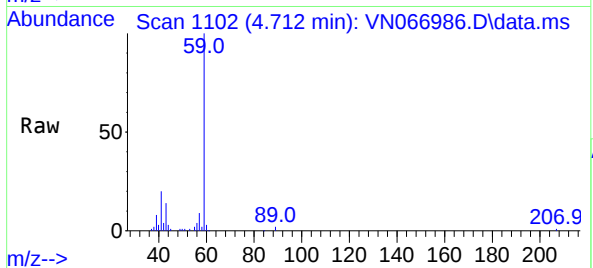
Tert butyl alcohol
Concen: 103.87 ug/l
RT: 4.712 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 59 Resp: 165841
Ion Ratio Lower Upper
59 100
57 4.3 8.0 12.0#

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

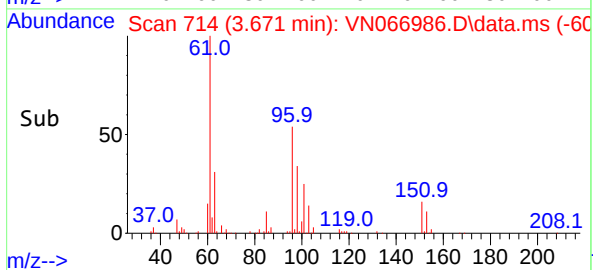
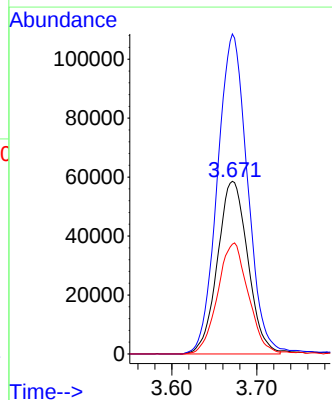
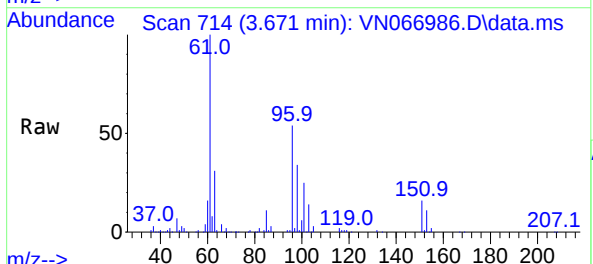
MMDadoda
5/6/2021 5:40:17 PM

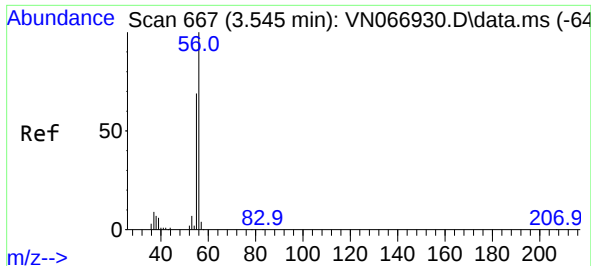


#12

1,1-Dichloroethene
Concen: 18.51 ug/l
RT: 3.671 min Scan# 714
Delta R.T. -0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

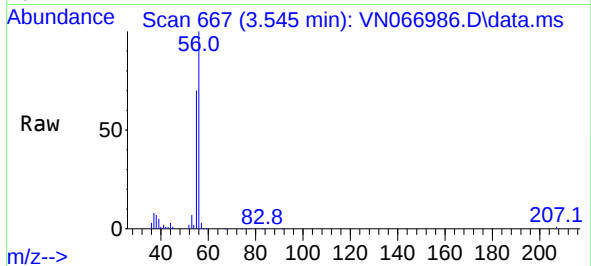
Tgt Ion: 96 Resp: 145375
Ion Ratio Lower Upper
96 100
61 185.4 122.5 183.7#
98 63.6 50.8 76.2





#13
Acrolein
Concen: 97.36 ug/l
RT: 3.545 min Scan# 667
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

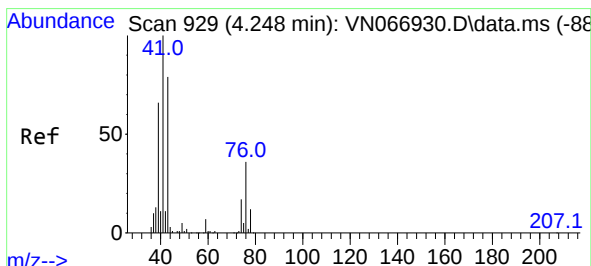
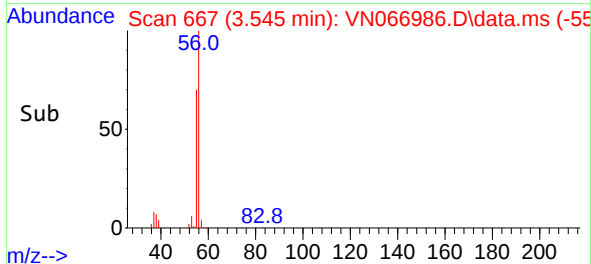
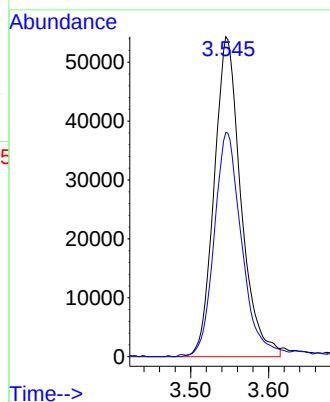
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01



Tgt Ion: 56 Resp: 129334
Ion Ratio Lower Upper
56 100
55 70.8 56.0 84.0

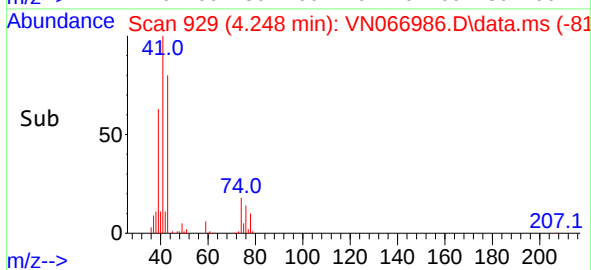
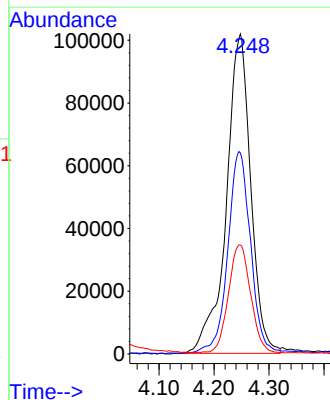
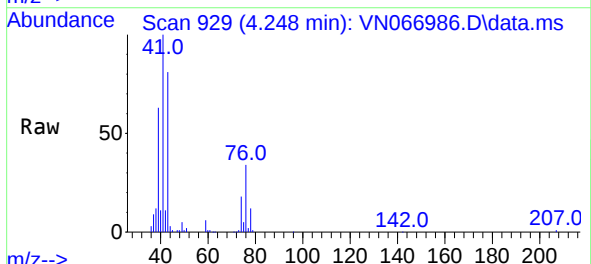
Manual Integrations
APPROVED

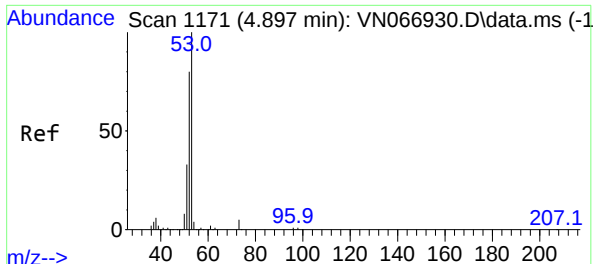
MMDadoda
5/6/2021 5:40:17 PM



#14
Allyl chloride
Concen: 19.98 ug/l
RT: 4.248 min Scan# 929
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

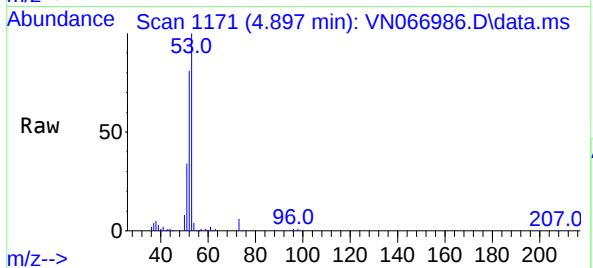
Tgt Ion: 41 Resp: 314692
Ion Ratio Lower Upper
41 100
39 58.7 53.0 79.4
76 30.6 28.9 43.3





#15
Acrylonitrile
Concen: 102.75 ug/l
RT: 4.897 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

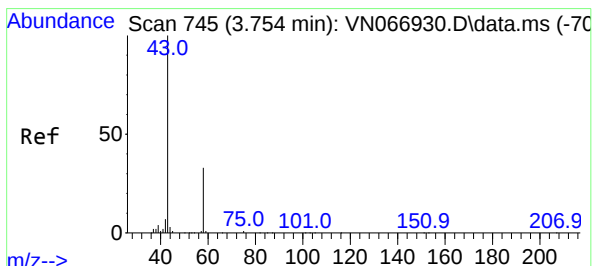
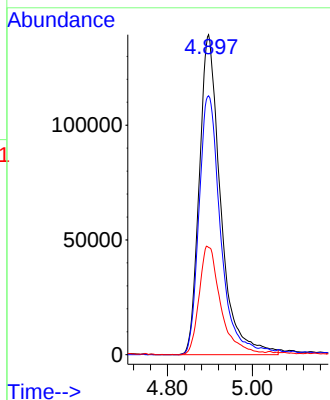
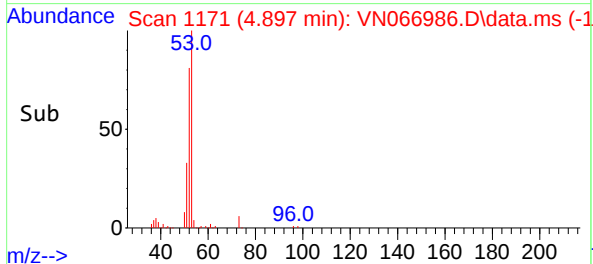
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01



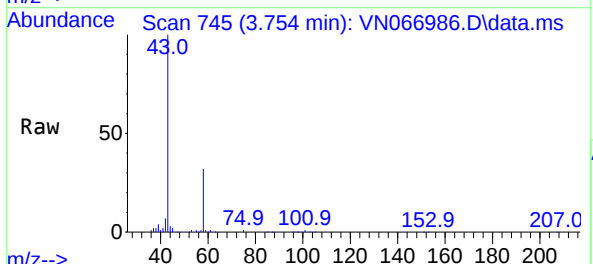
Tgt Ion: 53 Resp: 486901
Ion Ratio Lower Upper
53 100
52 81.0 66.1 99.1
51 34.3 27.9 41.9

Manual Integrations
APPROVED

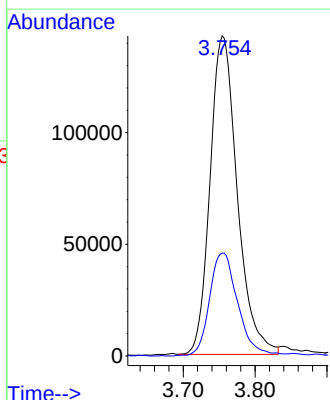
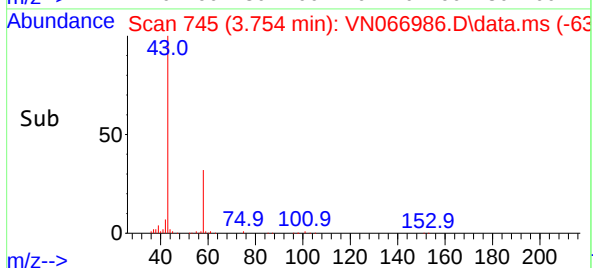
MMDadoda
5/6/2021 5:40:17 PM

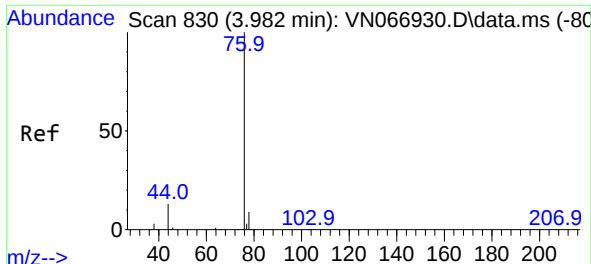


#16
Acetone
Concen: 94.42 ug/l
RT: 3.754 min Scan# 745
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



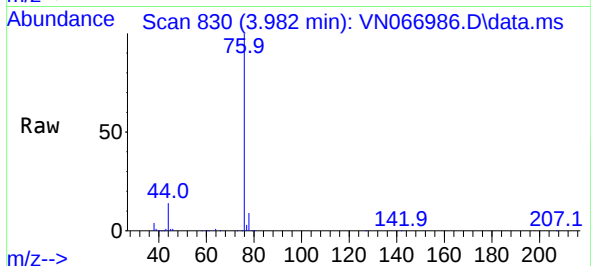
Tgt Ion: 43 Resp: 375594
Ion Ratio Lower Upper
43 100
58 32.1 27.0 40.6





#17
Carbon Disulfide
Concen: 18.33 ug/l
RT: 3.982 min Scan# 830
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

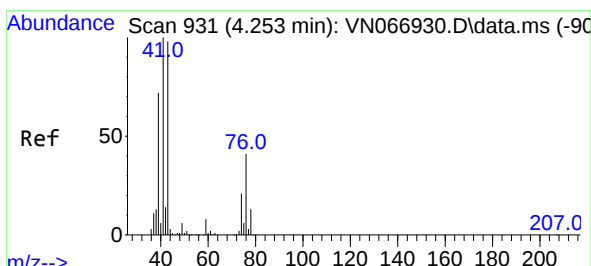
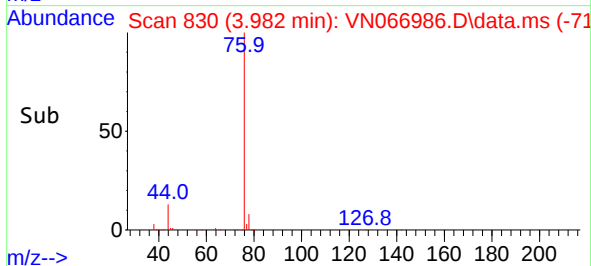
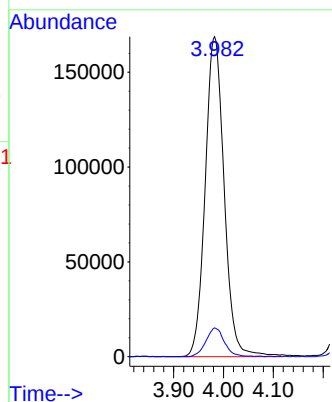
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01



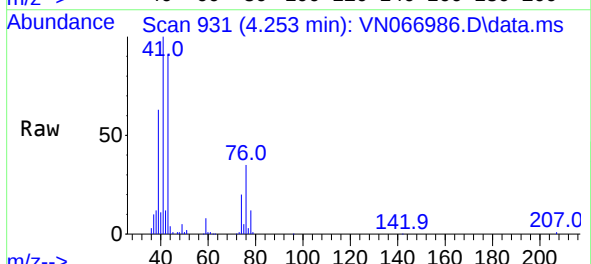
Tgt Ion: 76 Resp: 446194
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6

Manual Integrations
APPROVED

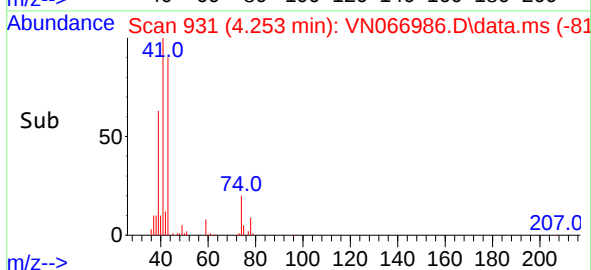
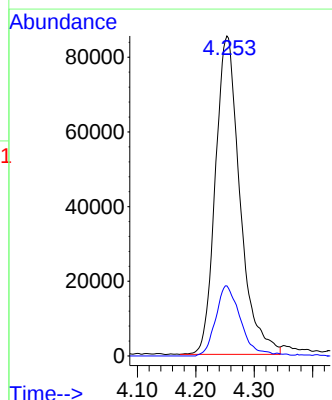
MMDadoda
5/6/2021 5:40:17 PM

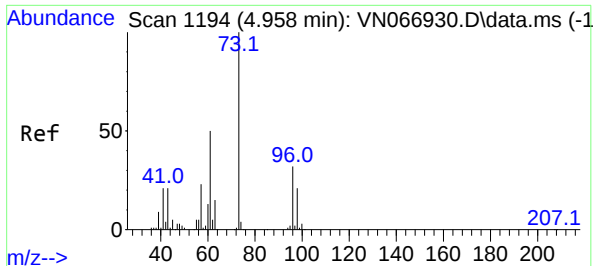


#18
Methyl Acetate
Concen: 21.92 ug/l
RT: 4.253 min Scan# 931
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



Tgt Ion: 43 Resp: 249486
Ion Ratio Lower Upper
43 100
74 22.1 19.5 29.3





#19

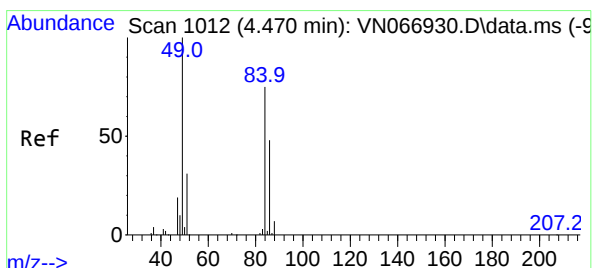
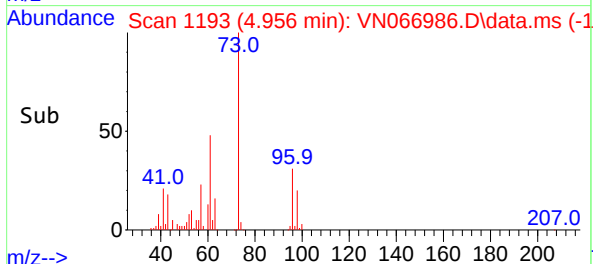
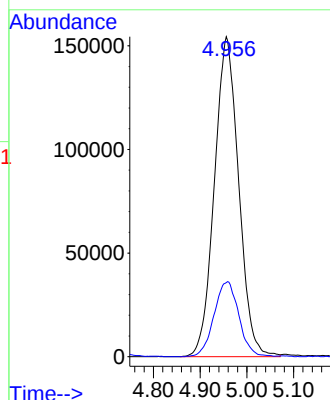
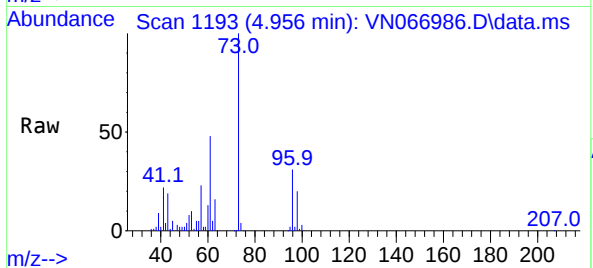
Methyl tert-butyl Ether
Concen: 19.77 ug/l
RT: 4.956 min Scan# 1193
Delta R.T. -0.002 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 73 Resp: 556602
Ion Ratio Lower Upper
73 100
57 23.2 17.3 25.9

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

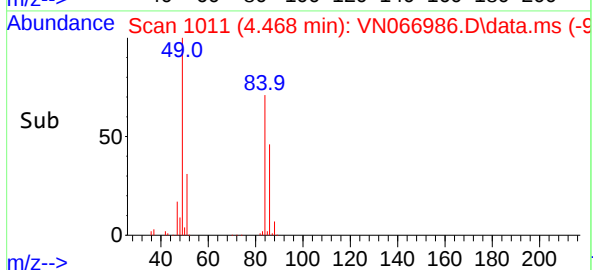
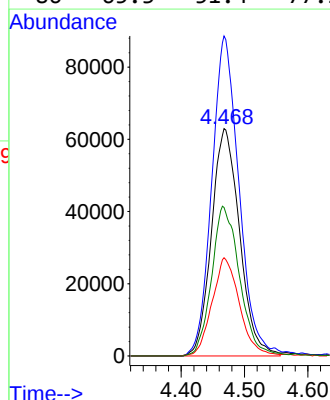
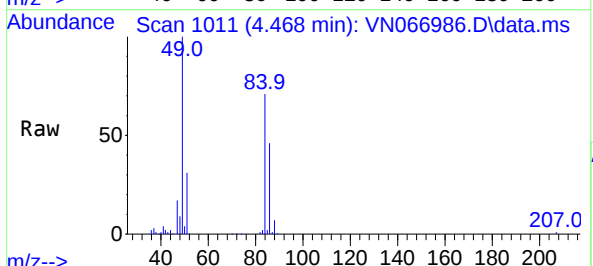
MMDadoda
5/6/2021 5:40:17 PM

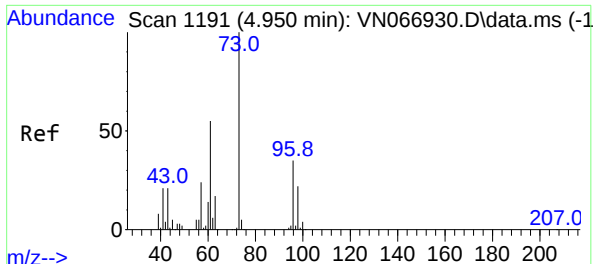


#20

Methylene Chloride
Concen: 19.24 ug/l
RT: 4.468 min Scan# 1011
Delta R.T. -0.002 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

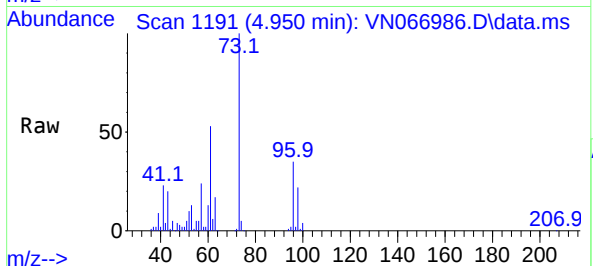
Tgt Ion: 84 Resp: 194139
Ion Ratio Lower Upper
84 100
49 140.8 94.6 141.8
51 43.2 29.9 44.9
86 65.3 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 18.68 ug/l
RT: 4.950 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

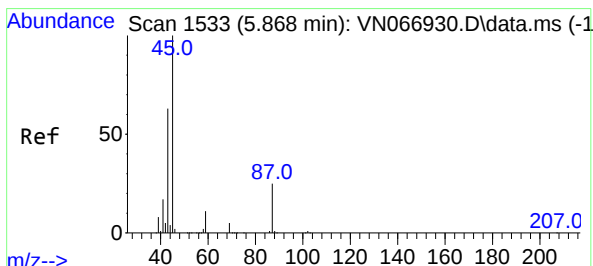
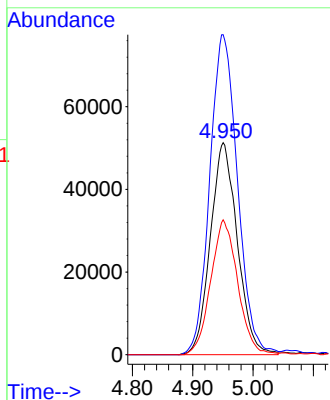
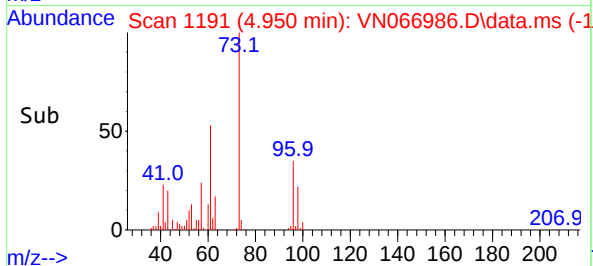
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01



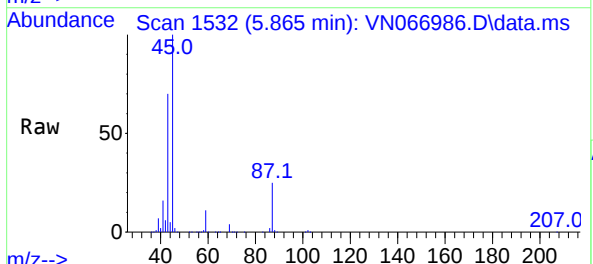
Tgt Ion: 96 Resp: 159606
Ion Ratio Lower Upper
96 100
61 151.0 104.9 157.3
98 63.6 51.8 77.8

Manual Integrations
APPROVED

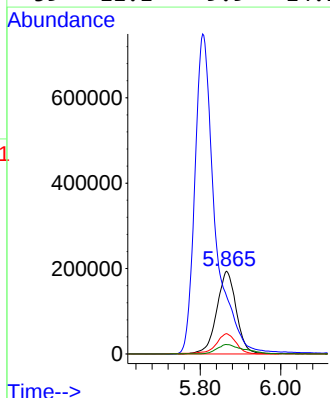
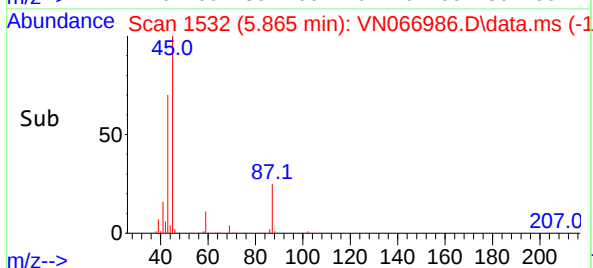
MMDadoda
5/6/2021 5:40:17 PM

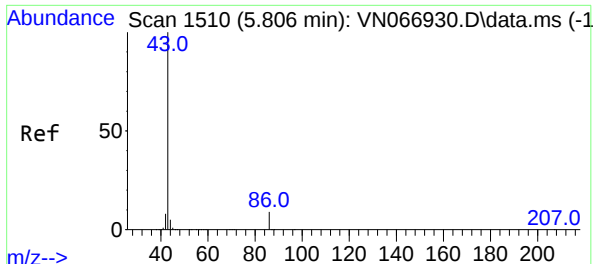


#22
Diisopropyl ether
Concen: 20.57 ug/l
RT: 5.865 min Scan# 1532
Delta R.T. -0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



Tgt Ion: 45 Resp: 655889
Ion Ratio Lower Upper
45 100
43 69.9 48.9 73.3
87 24.4 23.7 35.5
59 11.1 9.9 14.9



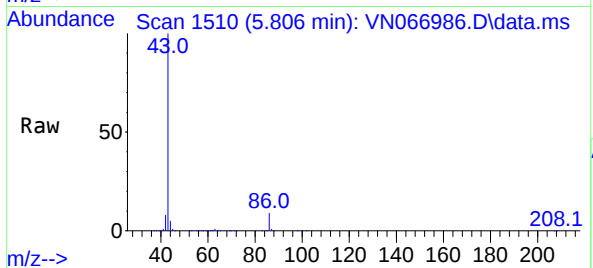


#23
 Vinyl Acetate
 Concen: 102.60 ug/l
 RT: 5.806 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN066986.D
 Acq: 5 May 2021 14:09

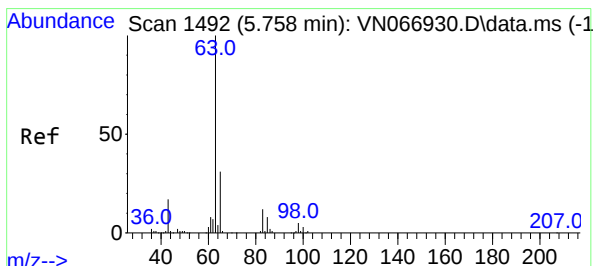
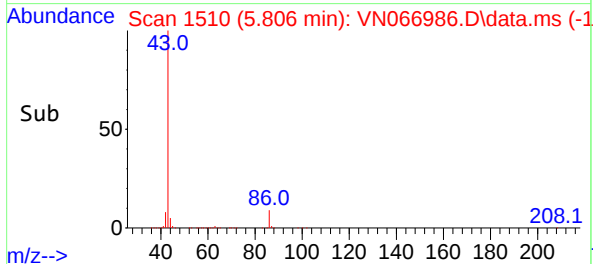
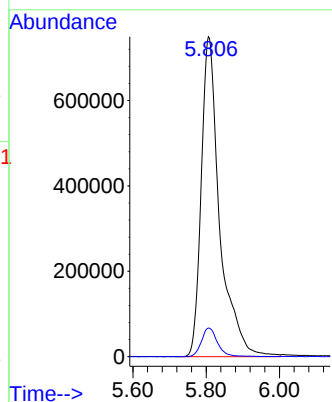
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2021 5:40:17 PM

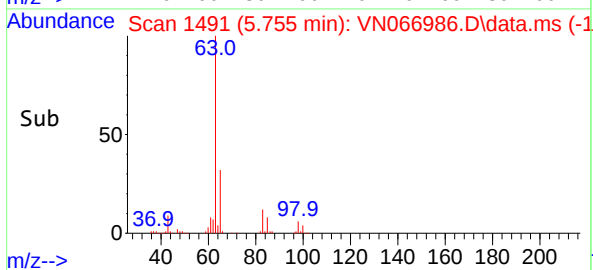
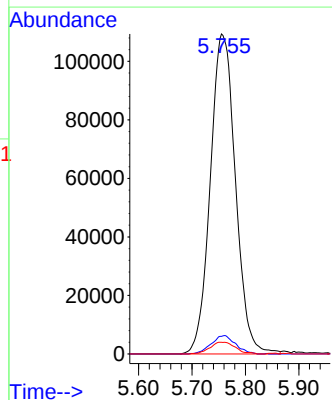
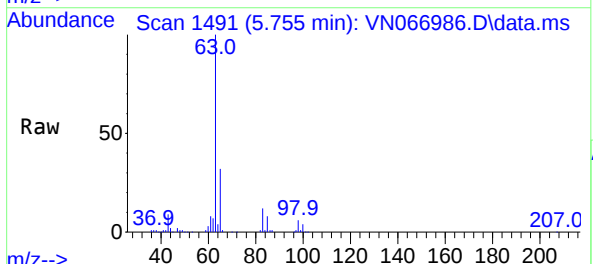


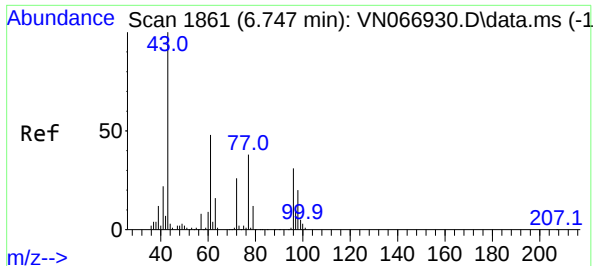
Tgt Ion: 43 Resp: 2618247
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.6 13.0



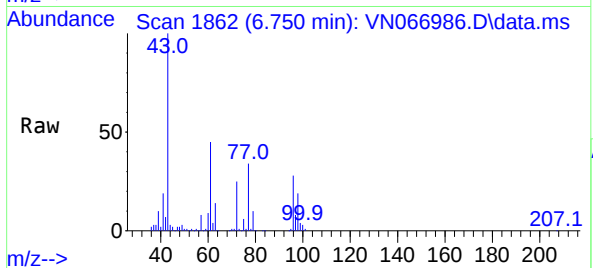
#24
 1,1-Dichloroethane
 Concen: 19.43 ug/l
 RT: 5.755 min Scan# 1491
 Delta R.T. -0.003 min
 Lab File: VN066986.D
 Acq: 5 May 2021 14:09

Tgt Ion: 63 Resp: 358062
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.5 10.4
 100 3.6 2.3 6.9

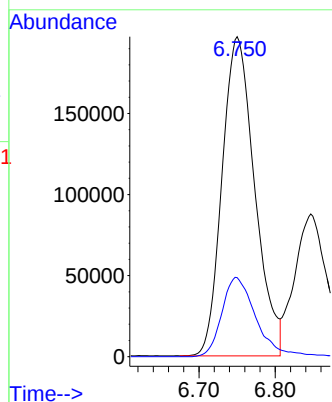




#25
2-Butanone
Concen: 99.80 ug/l
RT: 6.750 min Scan# 1862
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



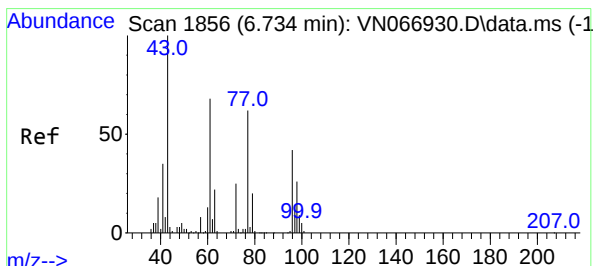
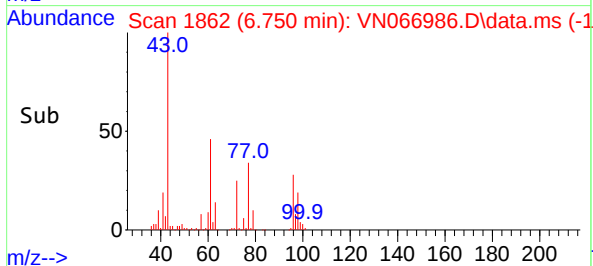
Tgt Ion: 43 Resp: 585360
Ion Ratio Lower Upper
43 100
72 24.7 23.1 34.7



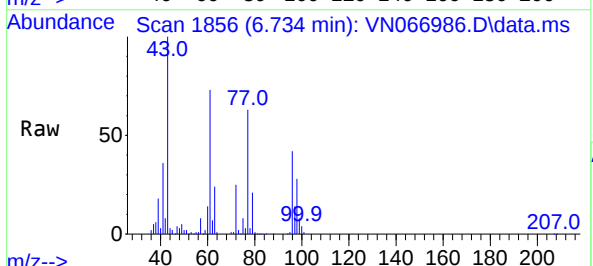
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

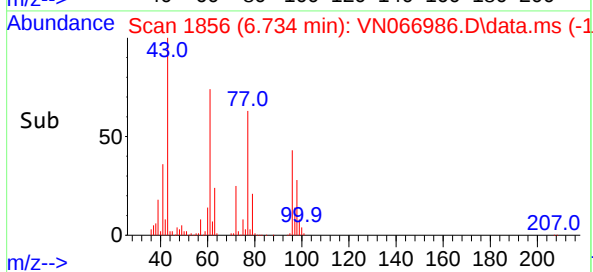
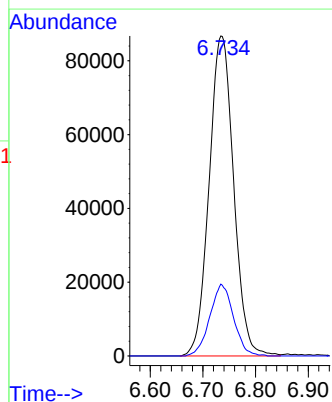
MMDadoda
5/6/2021 5:40:17 PM

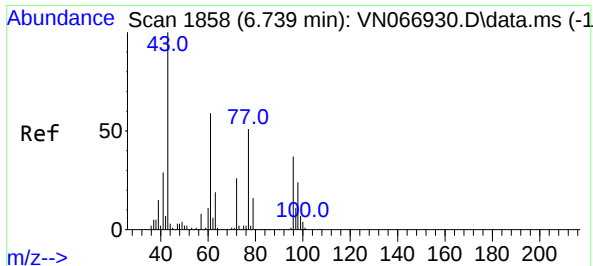


#26
2,2-Dichloropropane
Concen: 18.16 ug/l
RT: 6.734 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

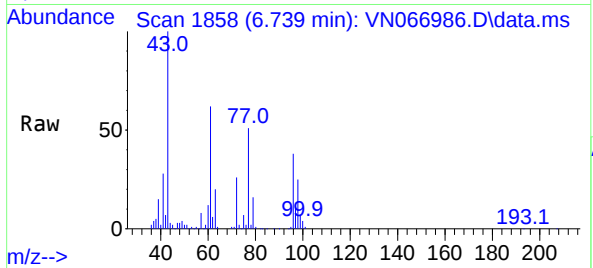


Tgt Ion: 77 Resp: 280948
Ion Ratio Lower Upper
77 100
97 21.7 11.9 35.9

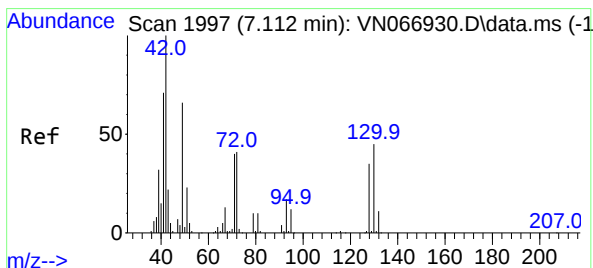
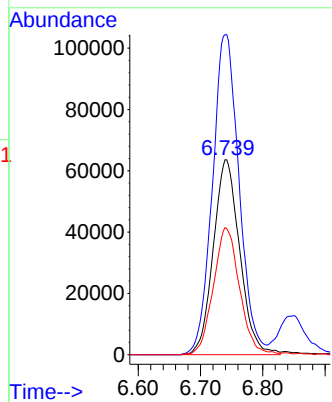
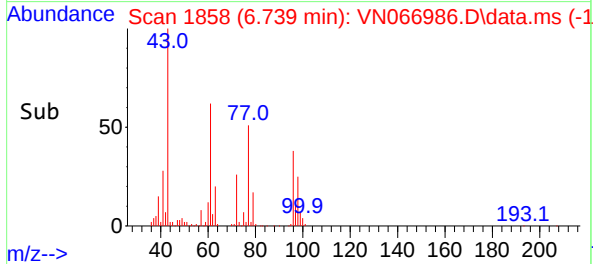




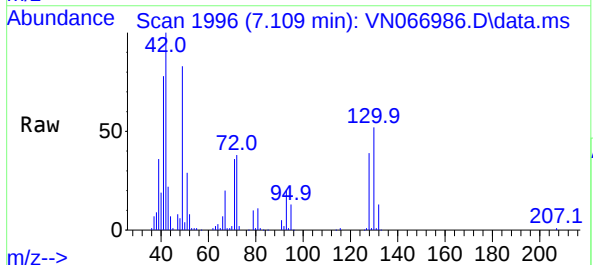
#27
cis-1,2-Dichloroethene
Concen: 19.13 ug/l
RT: 6.739 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



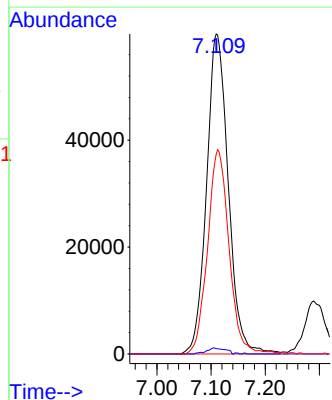
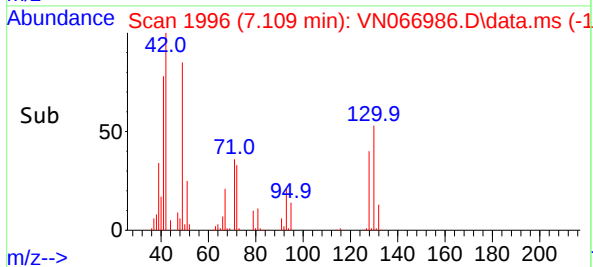
Tgt Ion: 96 Resp: 187327
Ion Ratio Lower Upper
96 100
61 165.5 0.0 276.8
98 64.2 0.0 129.4



#28
Bromochloromethane
Concen: 19.61 ug/l
RT: 7.109 min Scan# 1996
Delta R.T. -0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



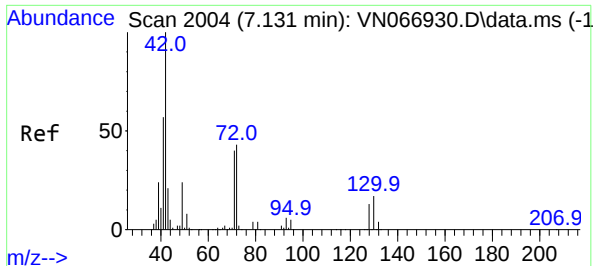
Tgt Ion: 49 Resp: 167064
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 62.7 67.8 101.6#



Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

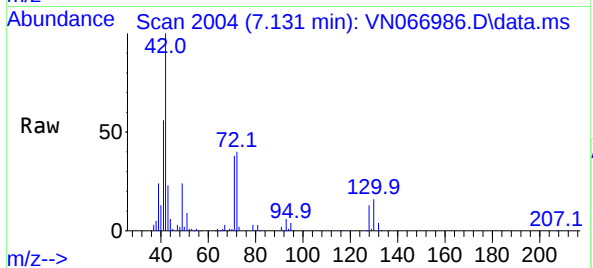
Manual Integrations
APPROVED

MMDadoda
5/6/2021 5:40:17 PM



#29
Tetrahydrofuran
Concen: 104.85 ug/l
RT: 7.131 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

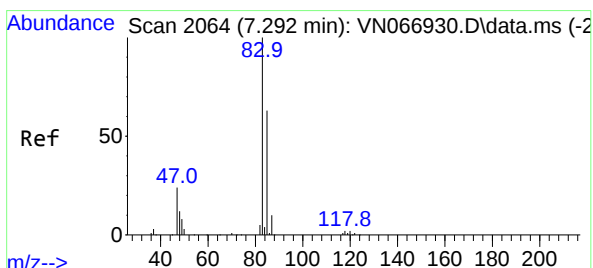
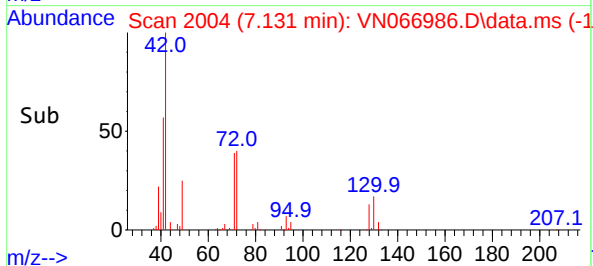
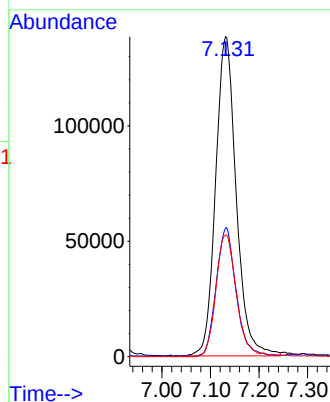
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01



Tgt Ion: 42 Resp: 408076
Ion Ratio Lower Upper
42 100
72 39.3 36.6 55.0
71 37.6 34.3 51.5

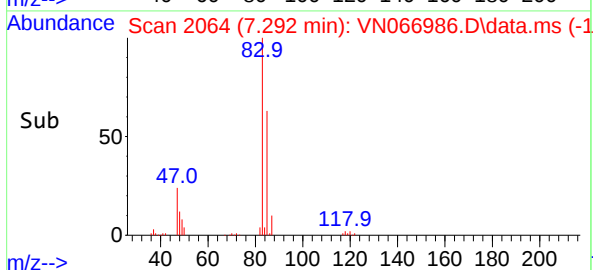
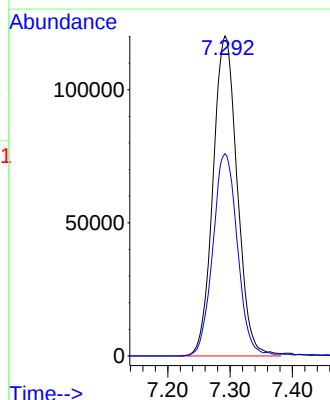
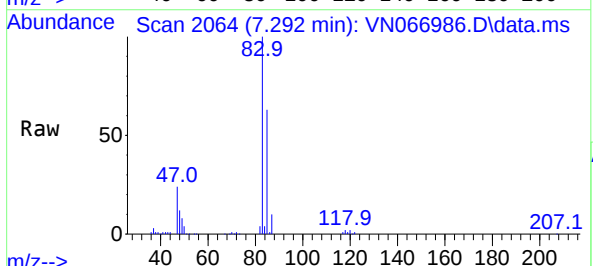
Manual Integrations
APPROVED

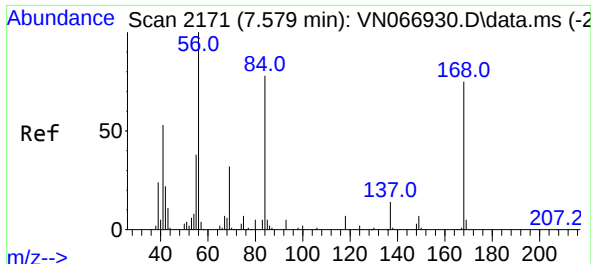
MMDadoda
5/6/2021 5:40:17 PM



#30
Chloroform
Concen: 18.44 ug/l
RT: 7.292 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

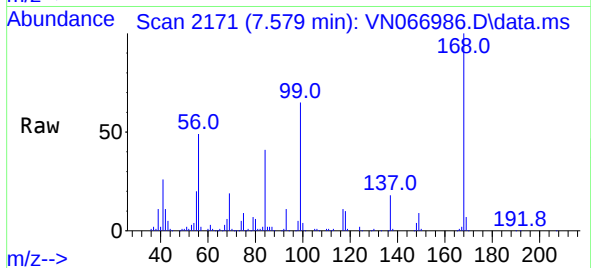
Tgt Ion: 83 Resp: 324314
Ion Ratio Lower Upper
83 100
85 63.2 52.6 78.8





#31
Cyclohexane
Concen: 19.11 ug/l
RT: 7.579 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

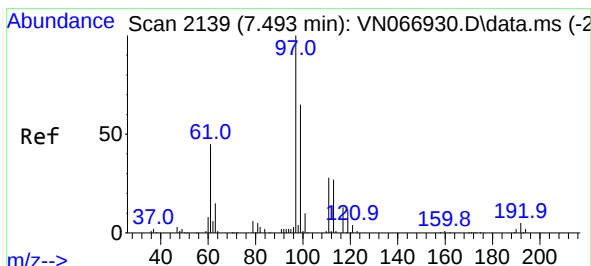
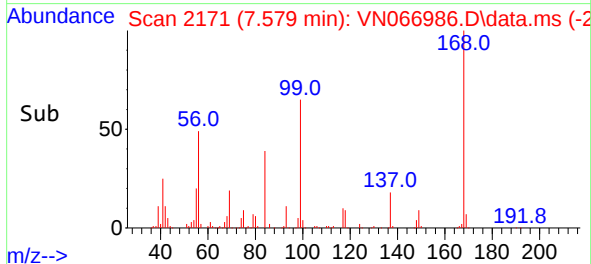
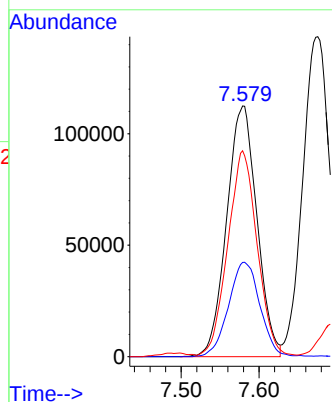
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01



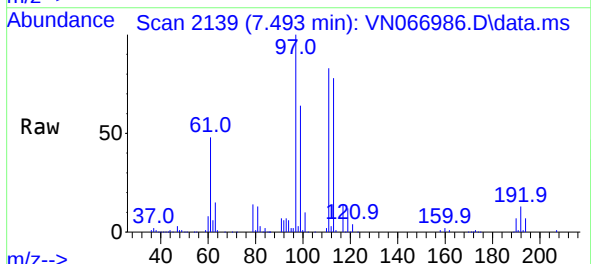
Tgt Ion: 56 Resp: 303986
Ion Ratio Lower Upper
56 100
69 37.6 26.6 39.8
84 80.7 70.4 105.6

Manual Integrations
APPROVED

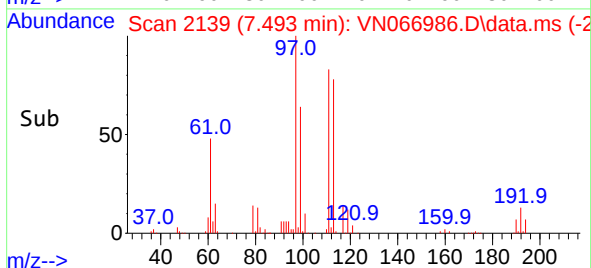
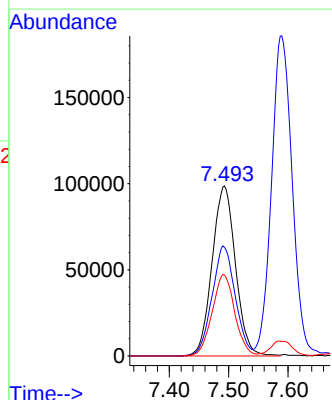
MMDadoda
5/6/2021 5:40:17 PM

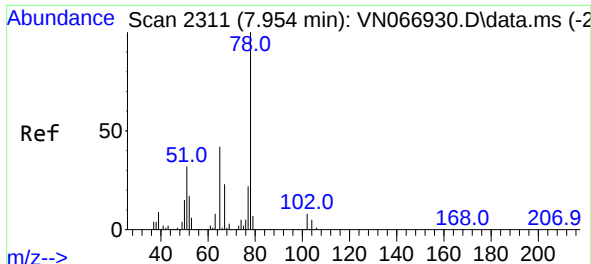


#32
1,1,1-Trichloroethane
Concen: 17.84 ug/l
RT: 7.493 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



Tgt Ion: 97 Resp: 270683
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 46.3 34.3 51.5





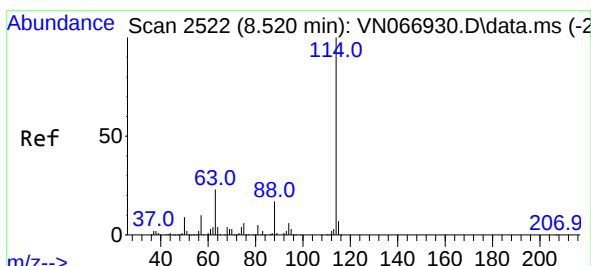
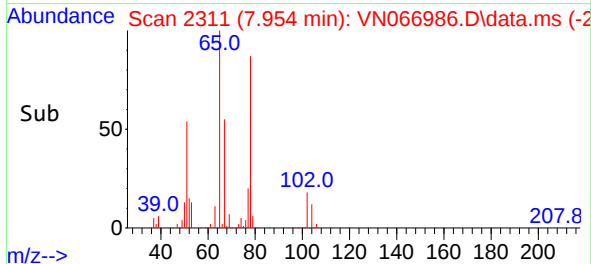
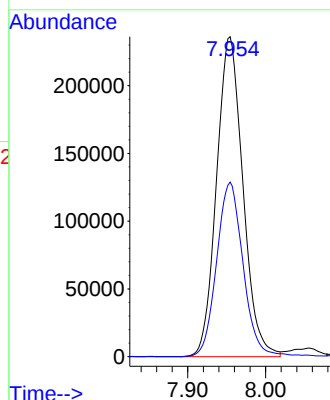
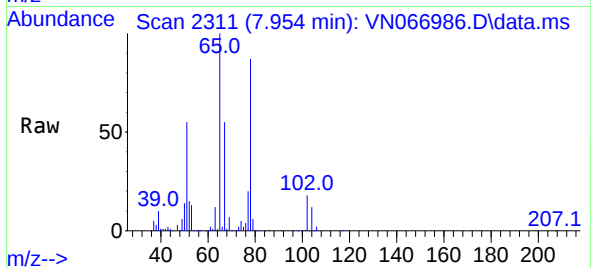
#33
1,2-Dichloroethane-d4
Concen: 49.06 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 65 Resp: 554759
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.2

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

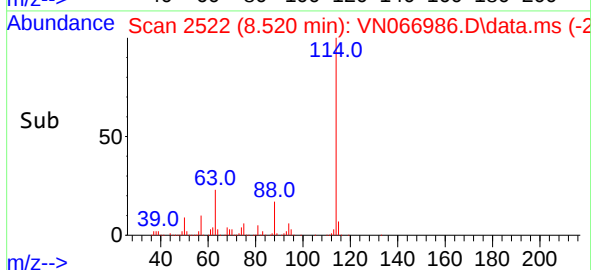
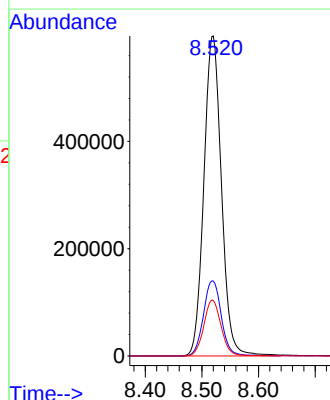
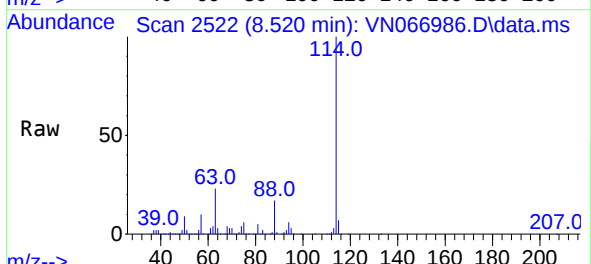
Manual Integrations
APPROVED

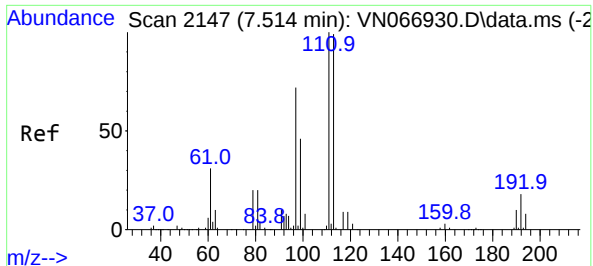
MMDadoda
5/6/2021 5:40:17 PM



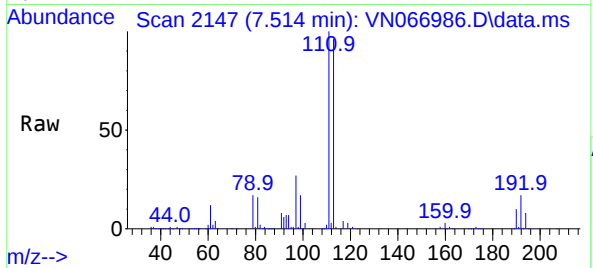
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 114 Resp: 1285971
Ion Ratio Lower Upper
114 100
63 23.4 0.0 38.6
88 17.4 0.0 30.6

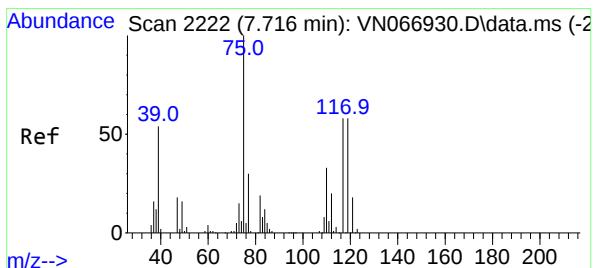
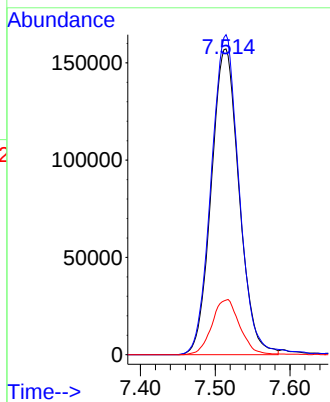
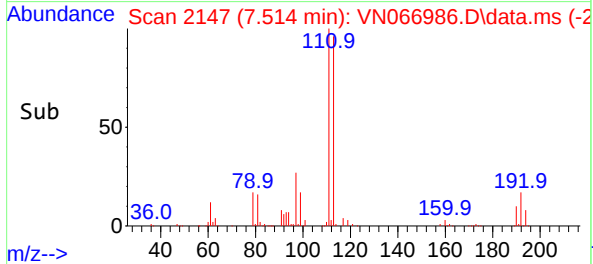




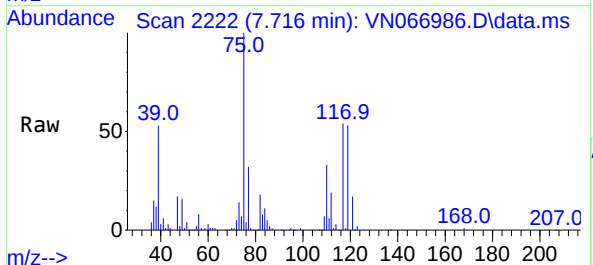
#35
Dibromofluoromethane
Concen: 46.54 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



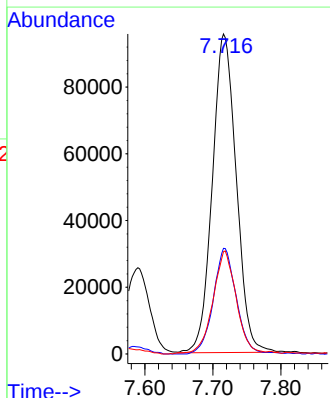
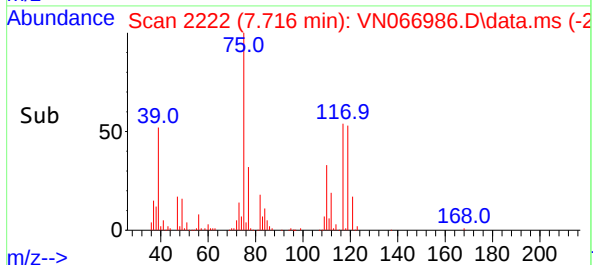
Tgt Ion: 113 Resp: 406408
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.2
192 18.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 17.44 ug/l
RT: 7.716 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



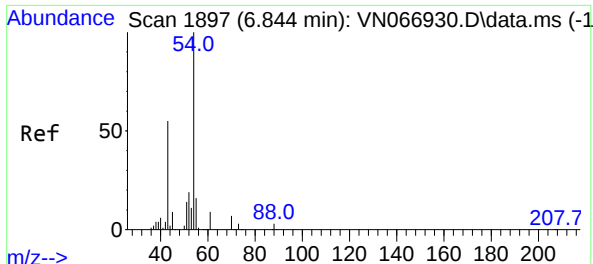
Tgt Ion: 75 Resp: 233543
Ion Ratio Lower Upper
75 100
110 31.7 18.2 54.6
77 31.6 24.9 37.3



Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

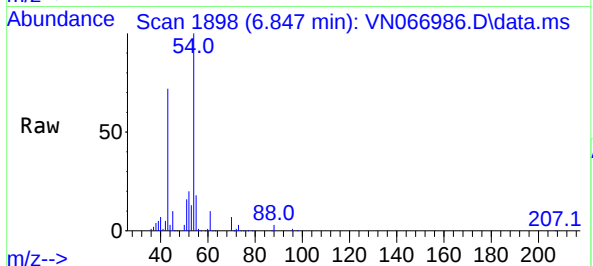
Manual Integrations
APPROVED

MMDadoda
5/6/2021 5:40:17 PM



#37
Ethyl Acetate
Concen: 19.31 ug/l
RT: 6.847 min Scan# 1898
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

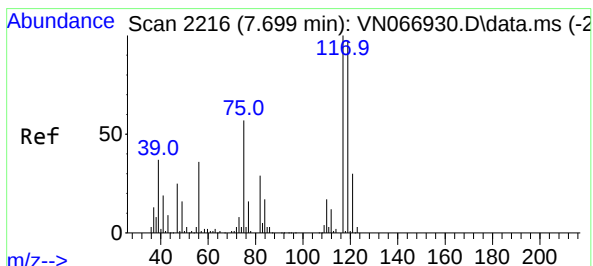
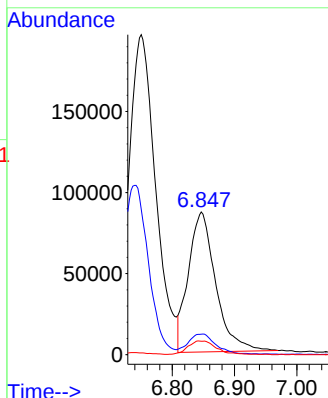
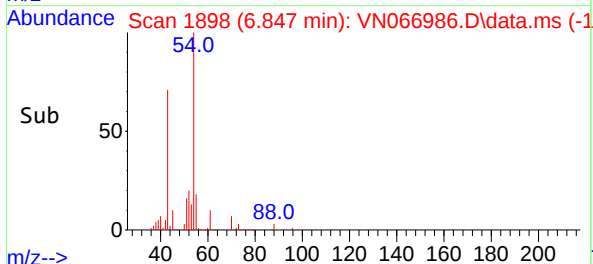
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01



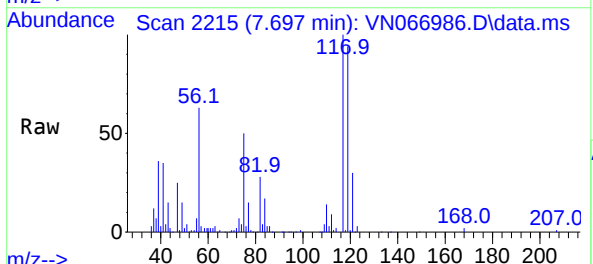
Tgt Ion: 43 Resp: 263590
Ion Ratio Lower Upper
43 100
61 14.4 11.6 17.4
70 9.3 8.6 13.0

Manual Integrations
APPROVED

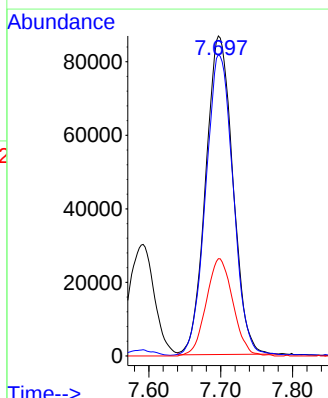
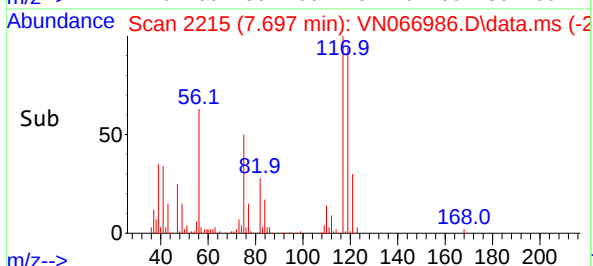
MMDadoda
5/6/2021 5:40:17 PM

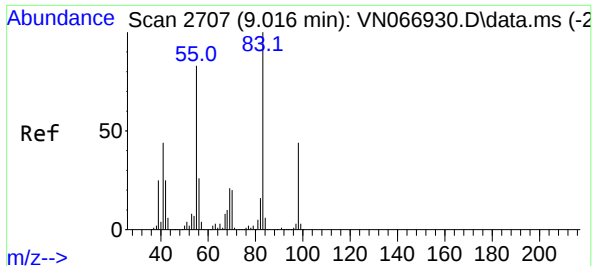


#38
Carbon Tetrachloride
Concen: 16.25 ug/l
RT: 7.697 min Scan# 2215
Delta R.T. -0.002 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

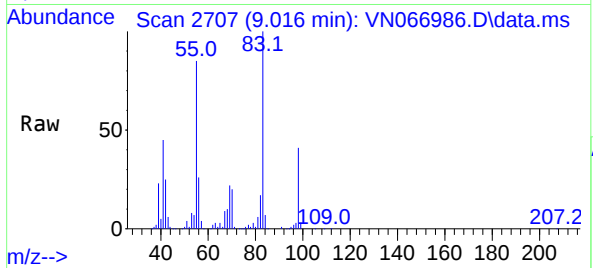


Tgt Ion: 117 Resp: 226886
Ion Ratio Lower Upper
117 100
119 94.3 76.0 114.0
121 30.6 24.5 36.7

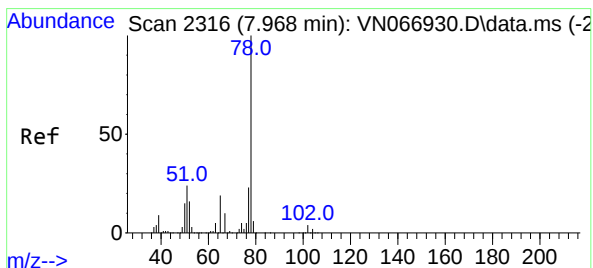
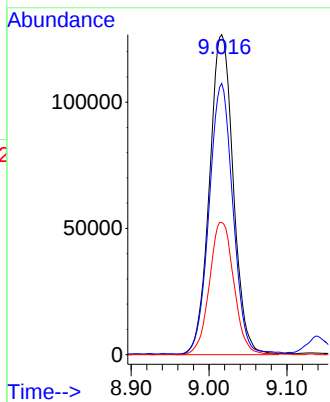
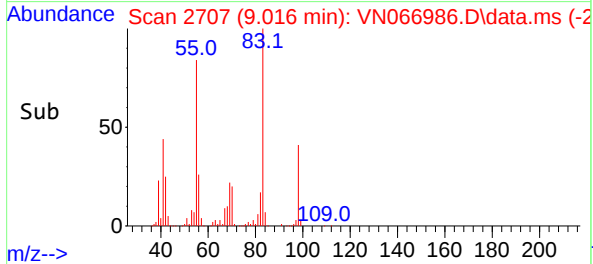




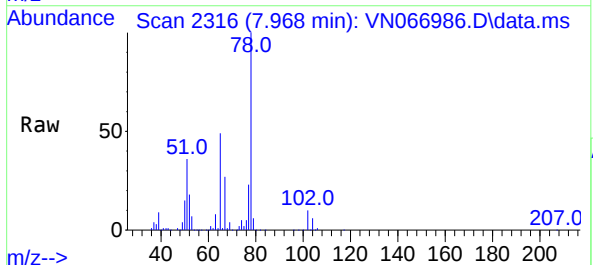
#39
Methylcyclohexane
Concen: 18.04 ug/l
RT: 9.016 min Scan# 2707
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



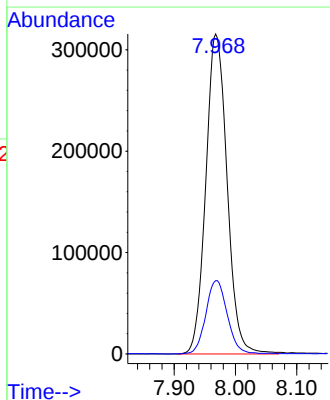
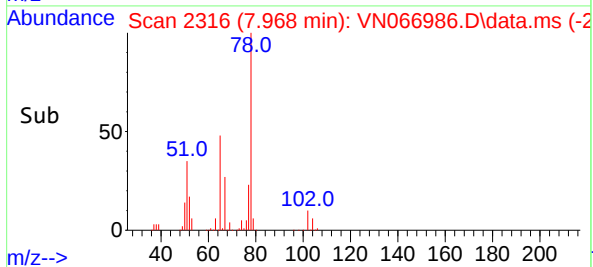
Tgt Ion: 83 Resp: 269359
Ion Ratio Lower Upper
83 100
55 84.5 58.9 88.3
98 41.3 35.9 53.9



#40
Benzene
Concen: 18.11 ug/l
RT: 7.968 min Scan# 2316
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



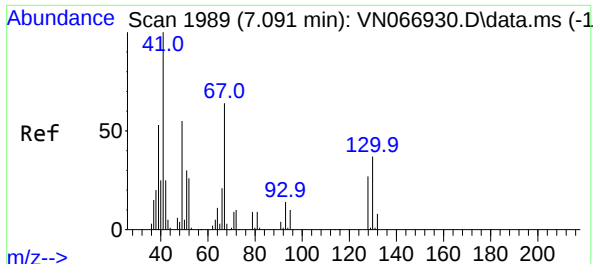
Tgt Ion: 78 Resp: 761545
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4



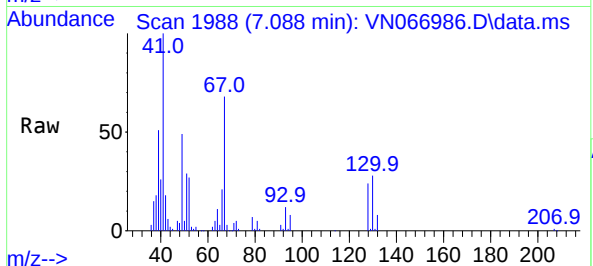
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

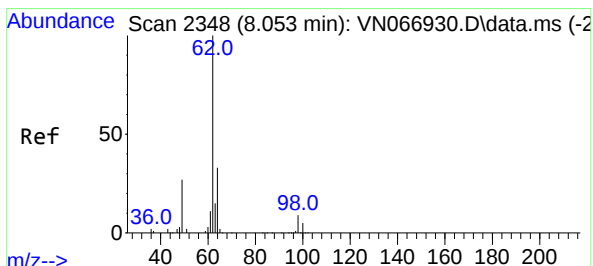
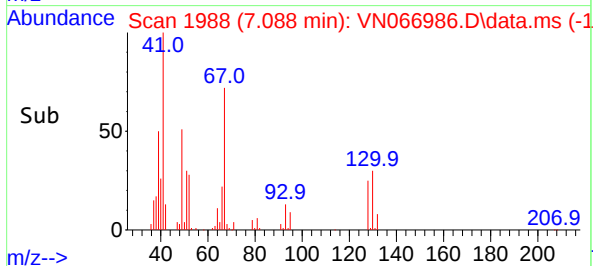
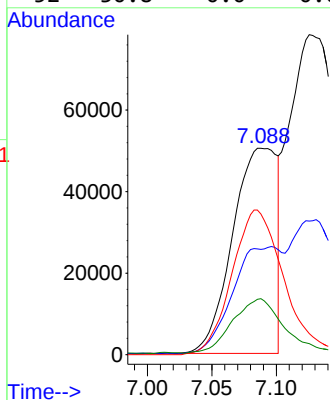
MMDadoda
5/6/2021 5:40:17 PM



#41
Methacrylonitrile
Concen: 20.48 ug/l
RT: 7.088 min Scan# 1988
Delta R.T. -0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

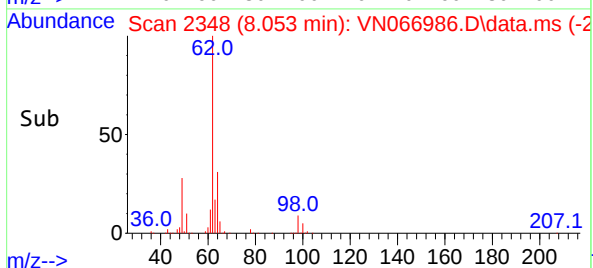
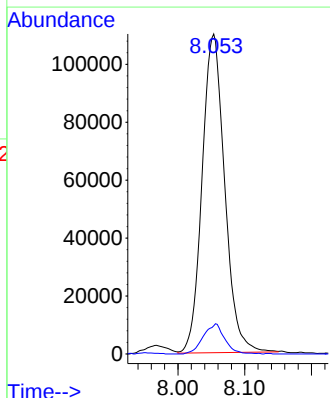
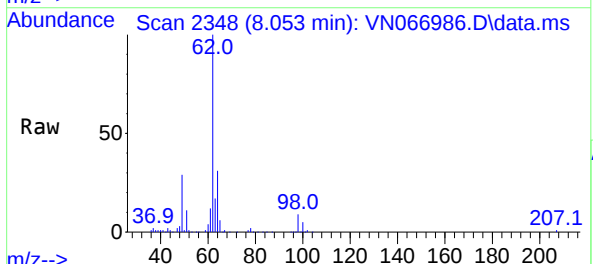


Tgt Ion: 41 Resp: 120090
Ion Ratio Lower Upper
41 100
39 35.2 0.0 0.0#
67 83.8 0.0 0.0#
52 30.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 17.24 ug/l
RT: 8.053 min Scan# 2348
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

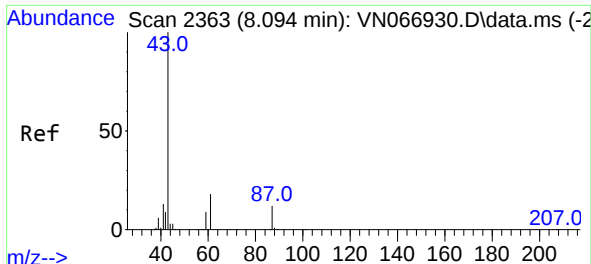
Tgt Ion: 62 Resp: 258666
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.6



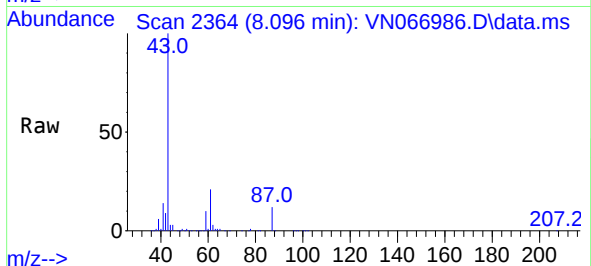
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

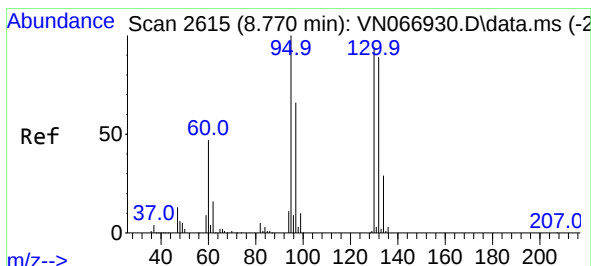
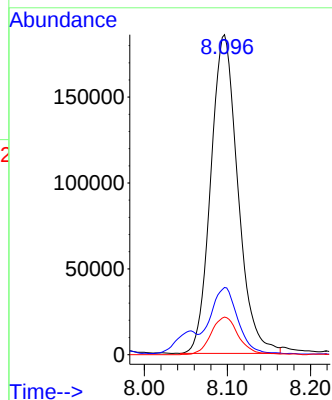
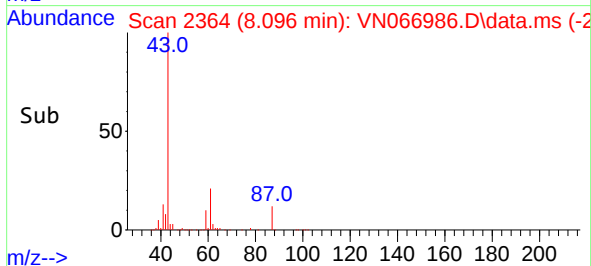
MMDadoda
5/6/2021 5:40:17 PM



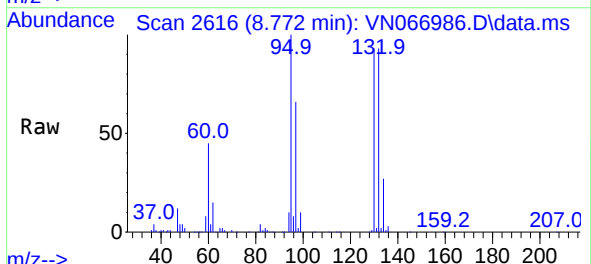
#43
Isopropyl Acetate
Concen: 19.00 ug/l
RT: 8.096 min Scan# 2364
Delta R.T. 0.002 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



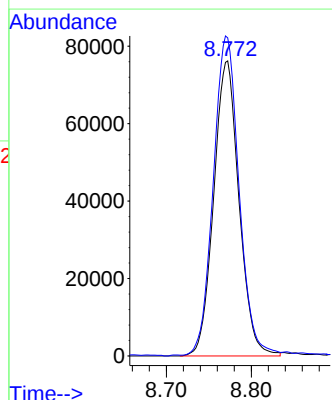
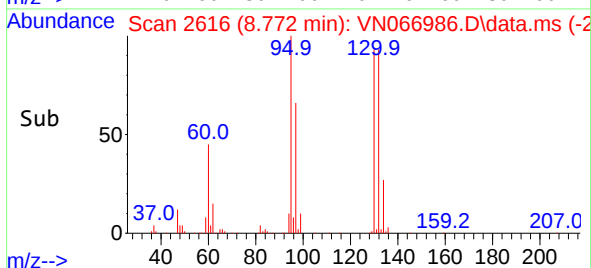
Tgt Ion: 43 Resp: 421059
Ion Ratio Lower Upper
43 100
61 20.7 22.5 33.7#
87 12.0 11.1 16.7



#44
Trichloroethene
Concen: 17.05 ug/l
RT: 8.772 min Scan# 2616
Delta R.T. 0.002 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



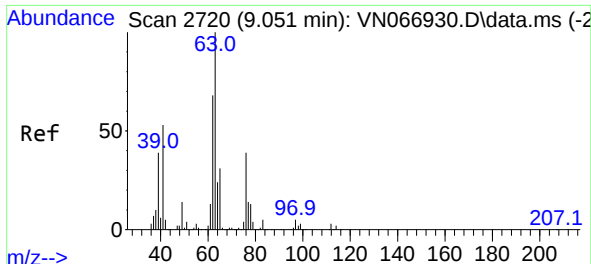
Tgt Ion: 130 Resp: 157953
Ion Ratio Lower Upper
130 100
95 107.5 0.0 199.6



Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

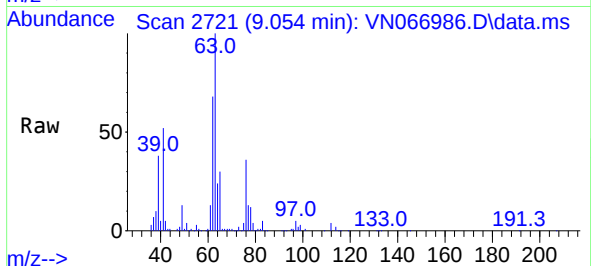
MMDadoda
5/6/2021 5:40:17 PM



#45

1,2-Dichloropropane
Concen: 18.54 ug/l
RT: 9.054 min Scan# 2721
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

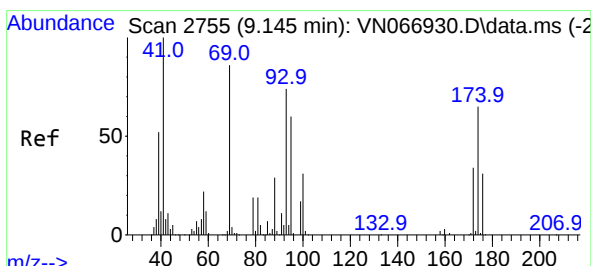
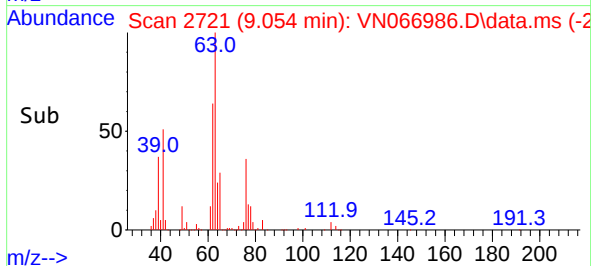
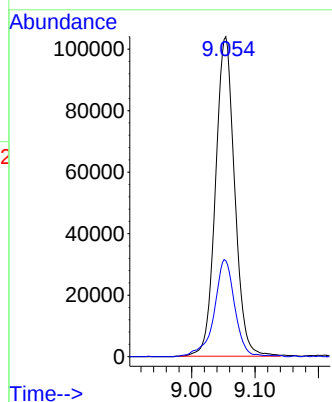
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01



Tgt Ion: 63 Resp: 217776
Ion Ratio Lower Upper
63 100
65 29.8 24.9 37.3

Manual Integrations
APPROVED

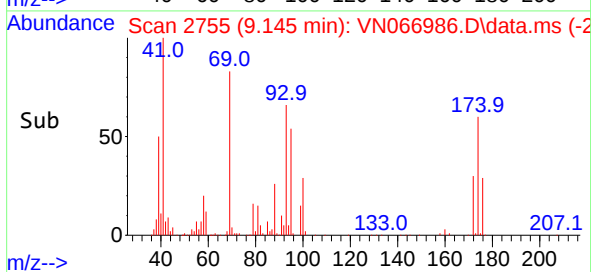
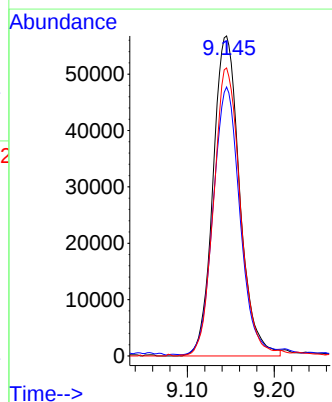
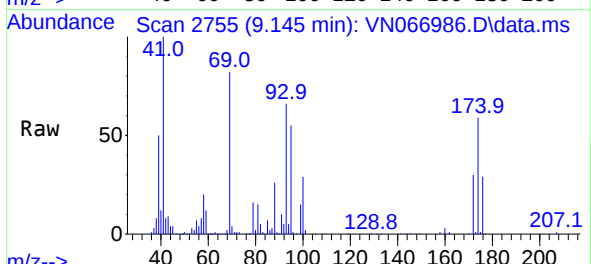
MMDadoda
5/6/2021 5:40:17 PM

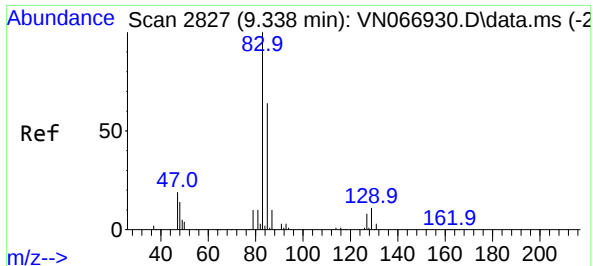


#46

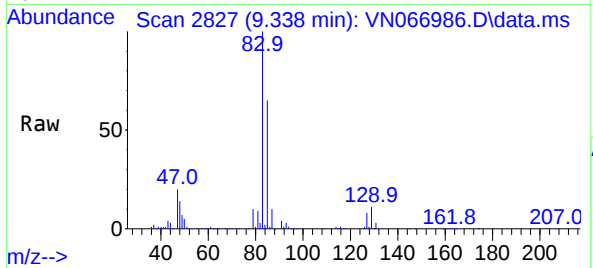
Dibromomethane
Concen: 17.44 ug/l
RT: 9.145 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 93 Resp: 120818
Ion Ratio Lower Upper
93 100
95 83.7 67.0 100.6
174 89.7 83.2 124.8

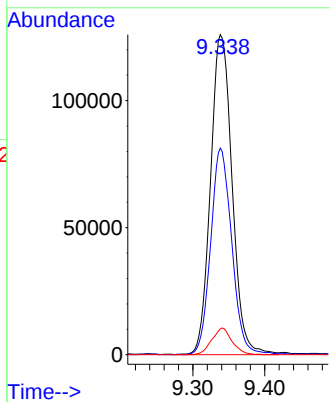
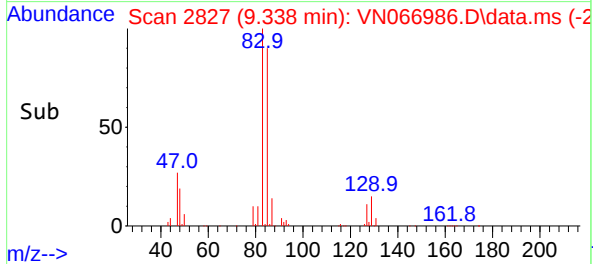




#47
Bromodichloromethane
Concen: 17.52 ug/l
RT: 9.338 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



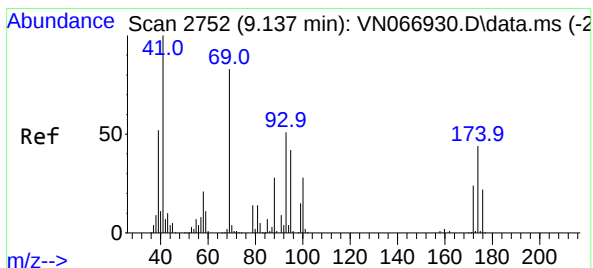
Tgt Ion: 83 Resp: 262476
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.4
127 8.1 7.0 10.6



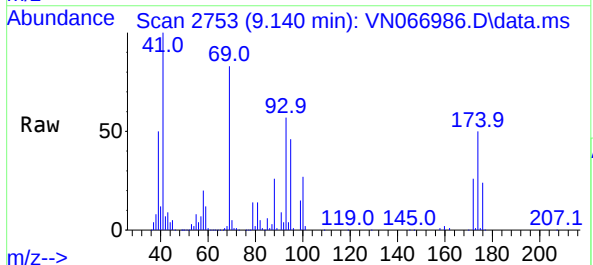
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

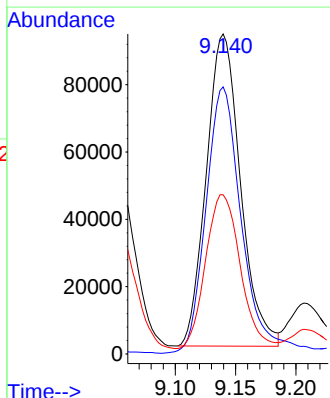
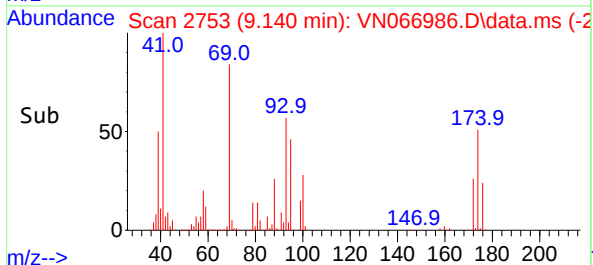
MMDadoda
5/6/2021 5:40:17 PM

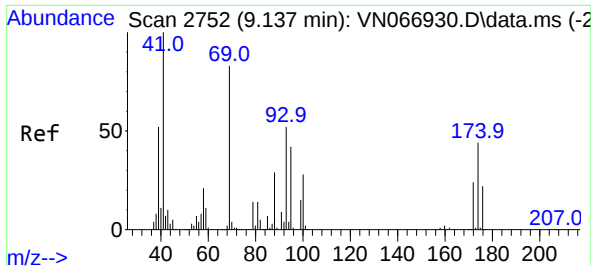


#48
Methyl methacrylate
Concen: 18.65 ug/l
RT: 9.140 min Scan# 2753
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

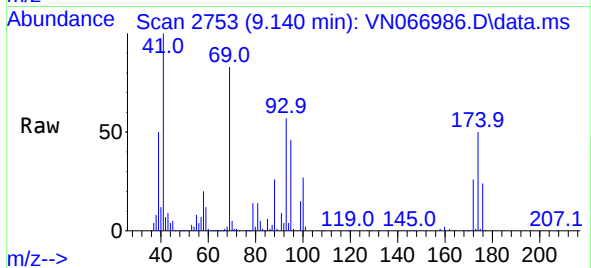


Tgt Ion: 41 Resp: 183156
Ion Ratio Lower Upper
41 100
69 89.4 75.9 113.9
39 52.2 46.6 69.8

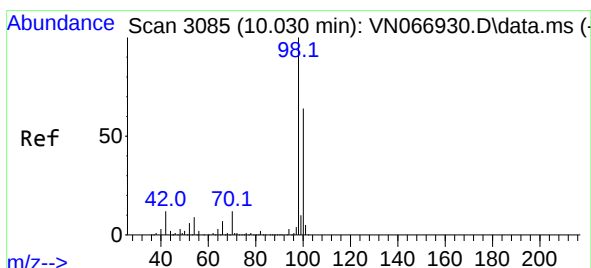
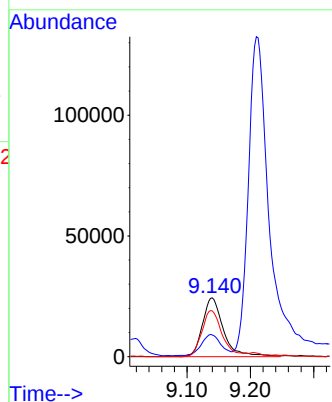
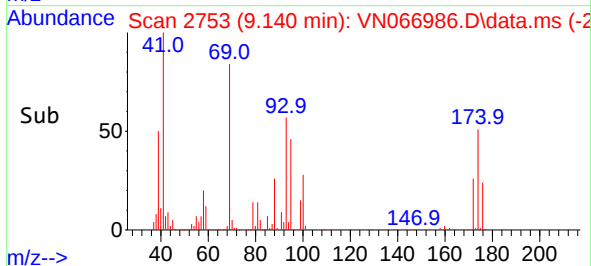




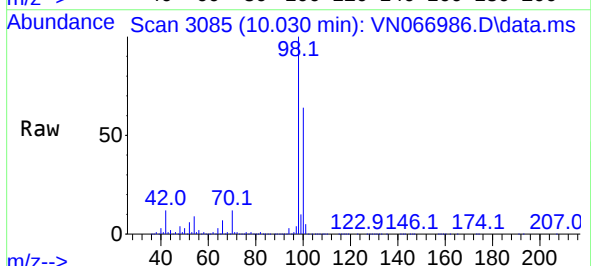
#49
1,4-Dioxane
Concen: 360.50 ug/l
RT: 9.140 min Scan# 2753
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



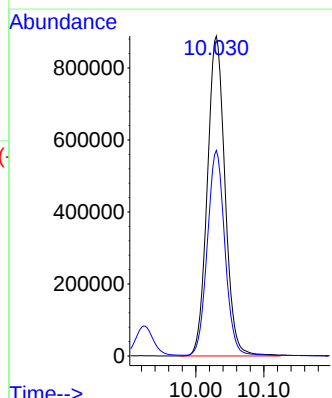
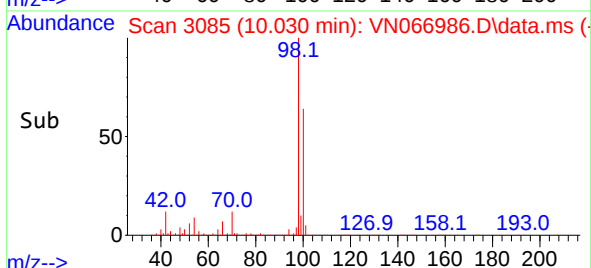
Tgt Ion: 88 Resp: 56115
Ion Ratio Lower Upper
88 100
43 33.1 24.7 37.1
58 75.8 52.6 78.8



#50
Toluene-d8
Concen: 48.37 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



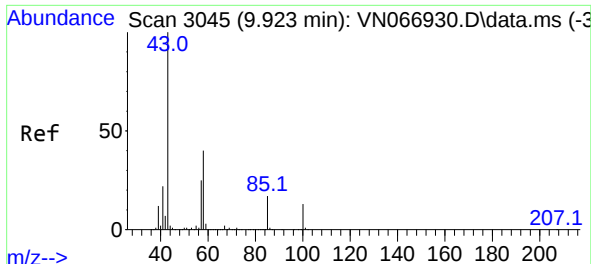
Tgt Ion: 98 Resp: 1608411
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7



Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

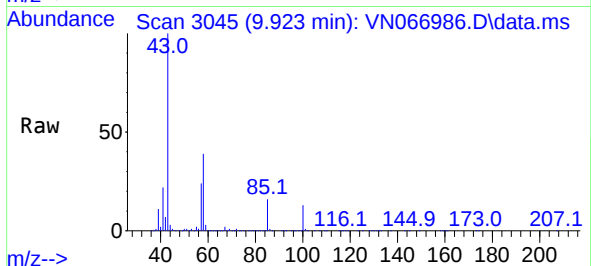
Manual Integrations
APPROVED

MMDadoda
5/6/2021 5:40:17 PM



#51
4-Methyl-2-Pentanone
Concen: 96.97 ug/l
RT: 9.923 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

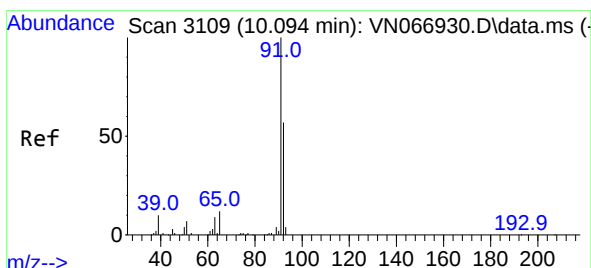
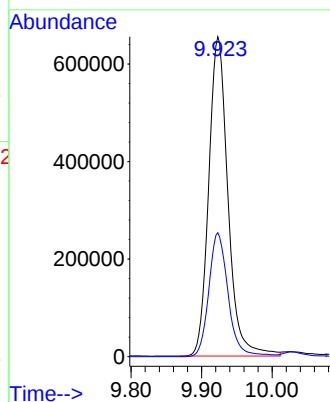
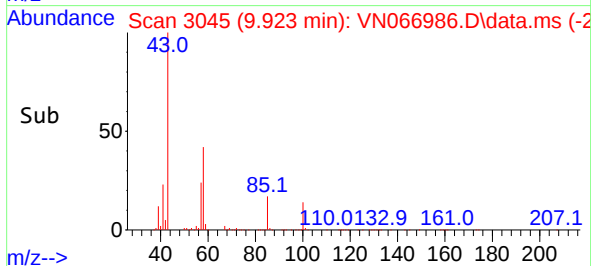
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01



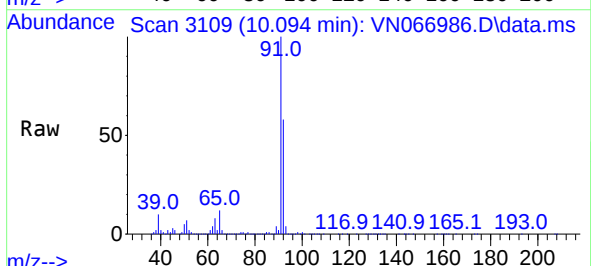
Tgt Ion: 43 Resp: 1242327
Ion Ratio Lower Upper
43 100
58 38.9 32.5 48.7

Manual Integrations
APPROVED

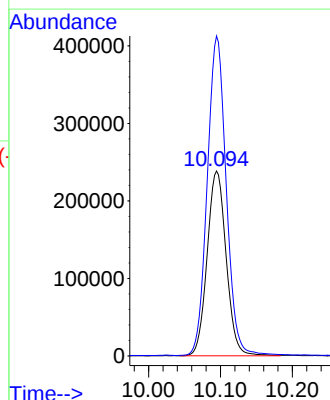
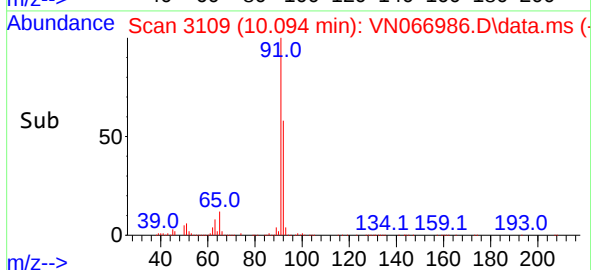
MMDadoda
5/6/2021 5:40:17 PM

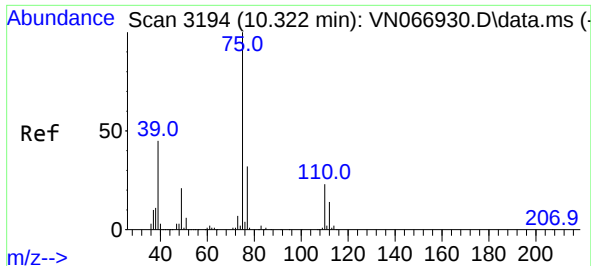


#52
Toluene
Concen: 17.76 ug/l
RT: 10.094 min Scan# 3109
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



Tgt Ion: 92 Resp: 438747
Ion Ratio Lower Upper
92 100
91 172.9 140.7 211.1



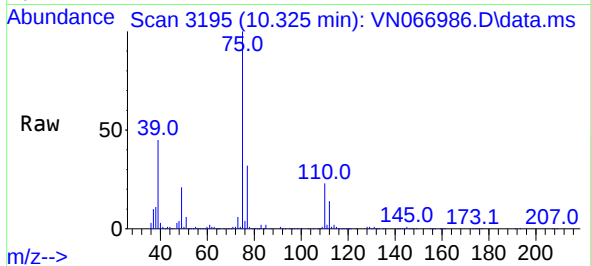


#53
 t-1,3-Dichloropropene
 Concen: 17.80 ug/l
 RT: 10.325 min Scan# 3195
 Delta R.T. 0.003 min
 Lab File: VN066986.D
 Acq: 5 May 2021 14:09

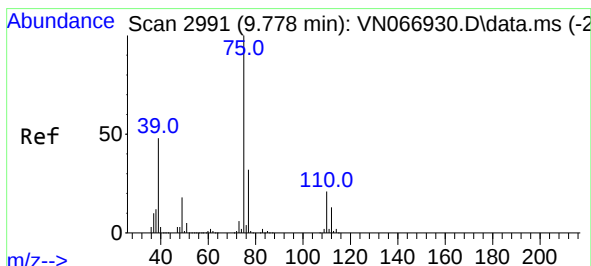
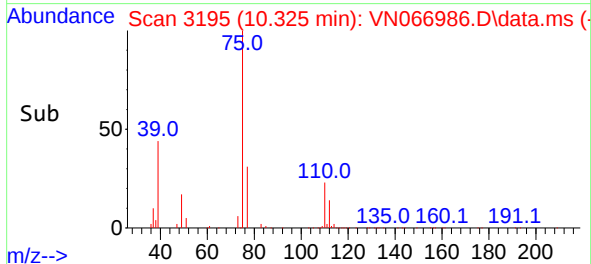
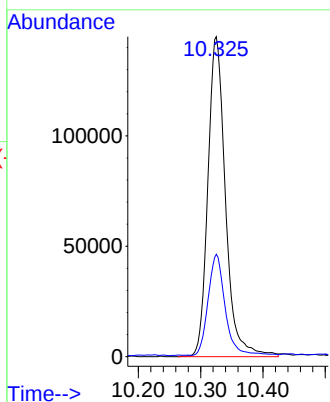
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2021 5:40:17 PM

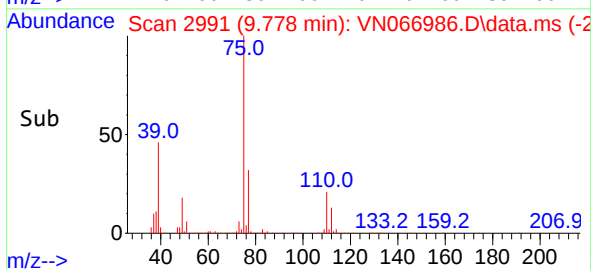
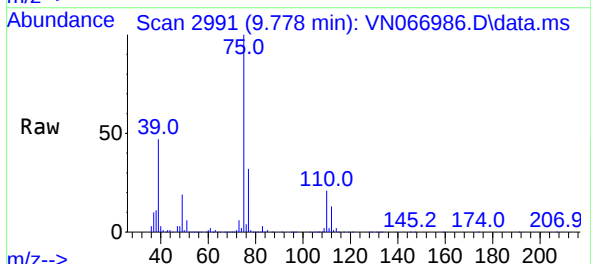
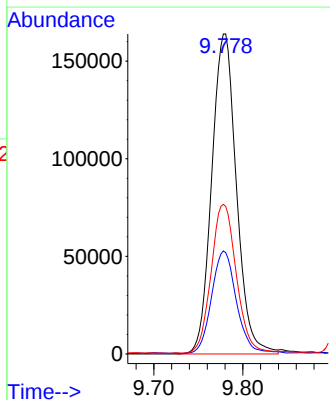


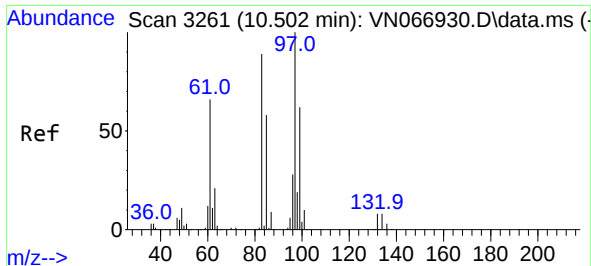
Tgt Ion: 75 Resp: 284274
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.2 39.4



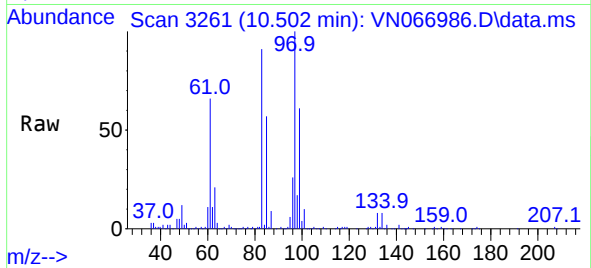
#54
 cis-1,3-Dichloropropene
 Concen: 17.92 ug/l
 RT: 9.778 min Scan# 2991
 Delta R.T. 0.000 min
 Lab File: VN066986.D
 Acq: 5 May 2021 14:09

Tgt Ion: 75 Resp: 316021
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.9 37.3
 39 46.4 36.2 54.4



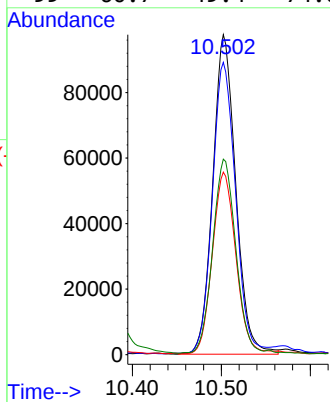


#55
1,1,2-Trichloroethane
Concen: 17.84 ug/l
RT: 10.502 min Scan# 3261
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



Tgt Ion: 97 Resp: 174915

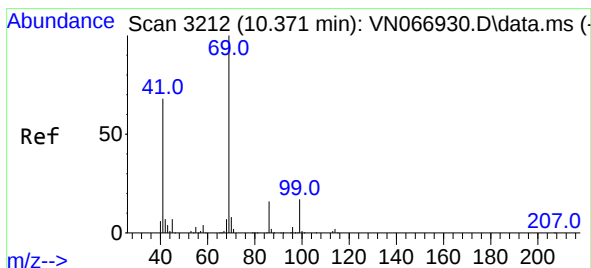
Ion	Ratio	Lower	Upper
97	100		
83	91.1	67.7	101.5
85	56.8	44.5	66.7
99	60.7	49.4	74.0



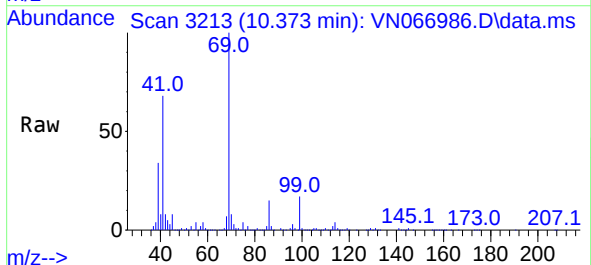
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

MMDadoda
5/6/2021 5:40:17 PM

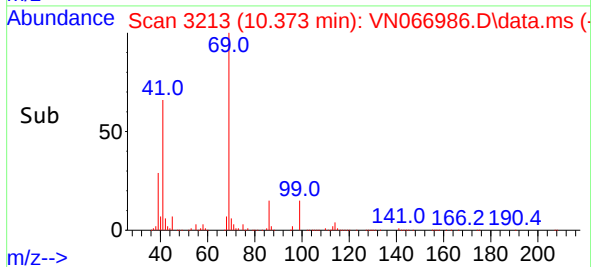
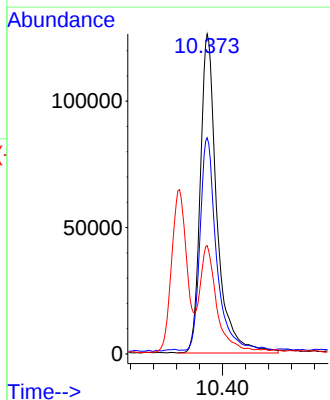


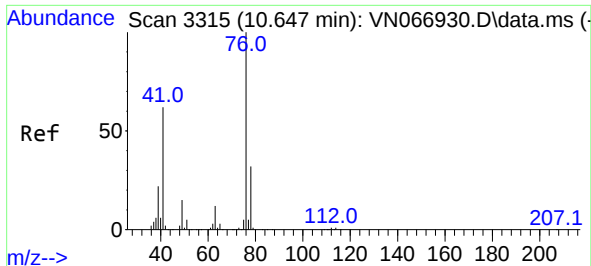
#56
Ethyl methacrylate
Concen: 19.90 ug/l
RT: 10.373 min Scan# 3213
Delta R.T. 0.002 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



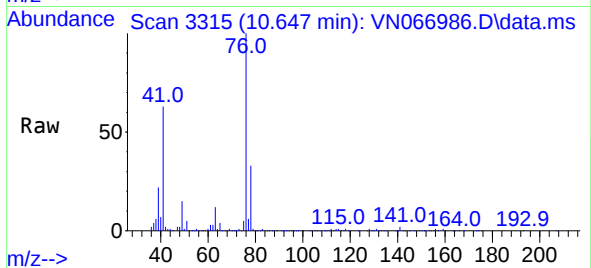
Tgt Ion: 69 Resp: 253312

Ion	Ratio	Lower	Upper
69	100		
41	65.4	49.6	74.4
39	32.3	28.0	42.0

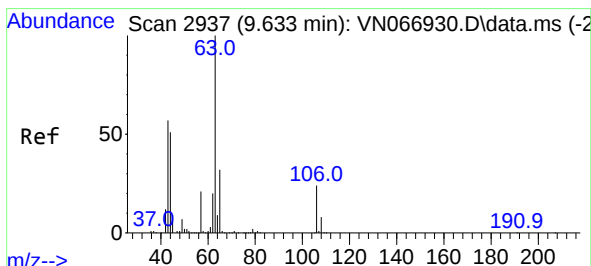
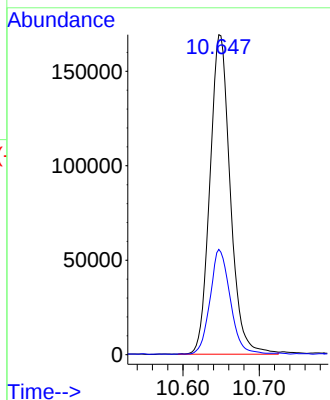
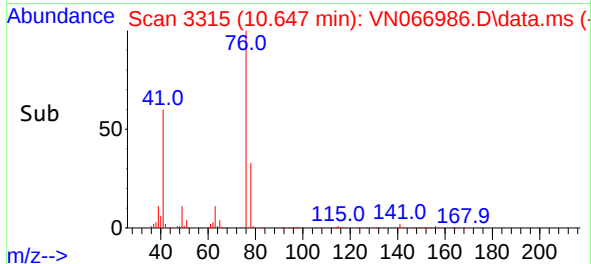




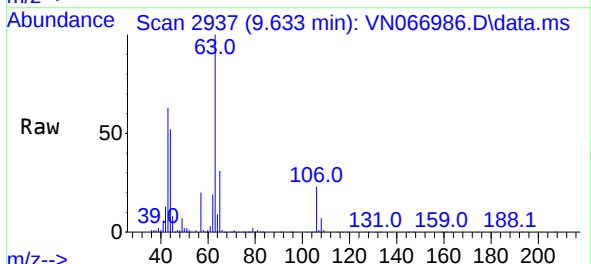
#57
1,3-Dichloropropane
Concen: 18.02 ug/l
RT: 10.647 min Scan# 3315
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



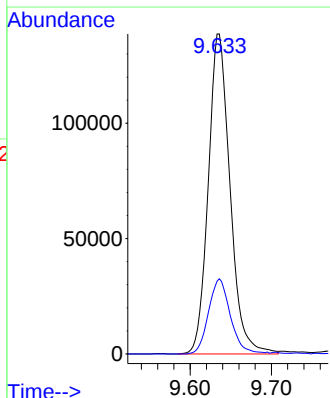
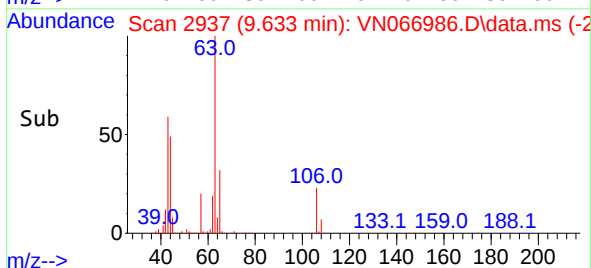
Tgt Ion: 76 Resp: 313125
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 109.93 ug/l
RT: 9.633 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



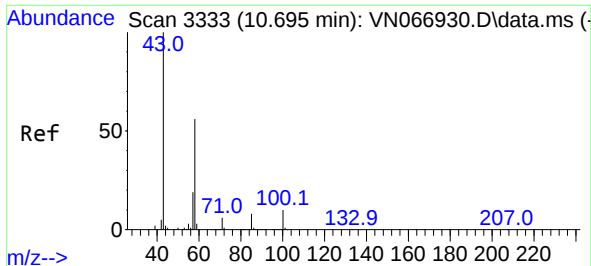
Tgt Ion: 63 Resp: 258117
Ion Ratio Lower Upper
63 100
106 23.6 22.6 33.8



Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

MMDadoda
5/6/2021 5:40:17 PM



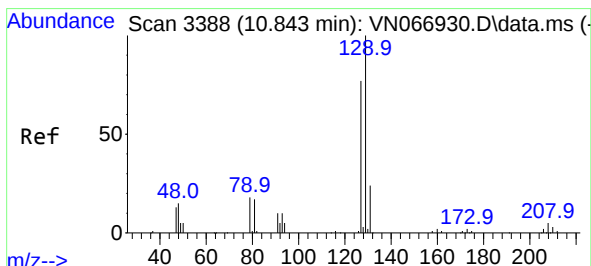
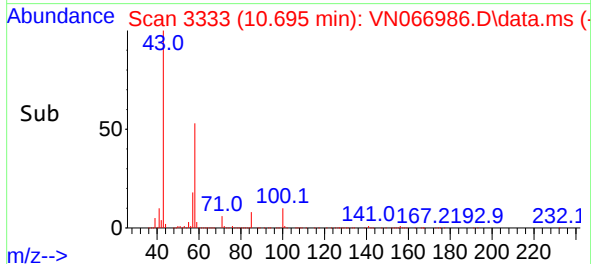
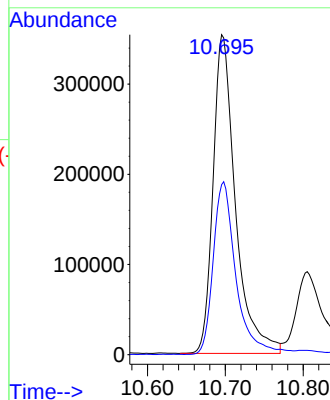
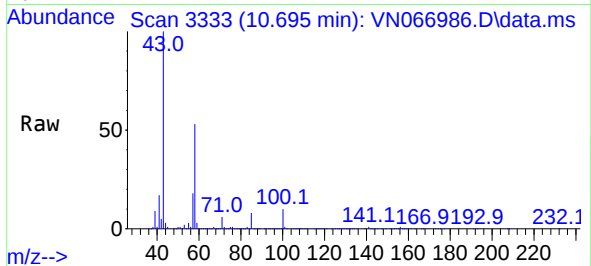
#59
2-Hexanone
Concen: 95.18 ug/l
RT: 10.695 min Scan# 3333
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 43 Resp: 705369
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.3

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

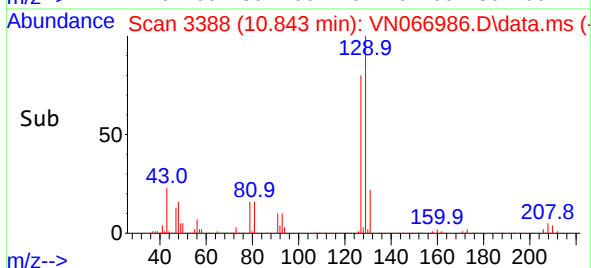
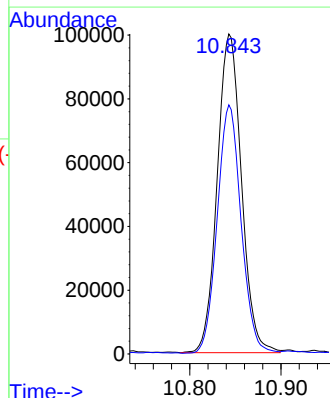
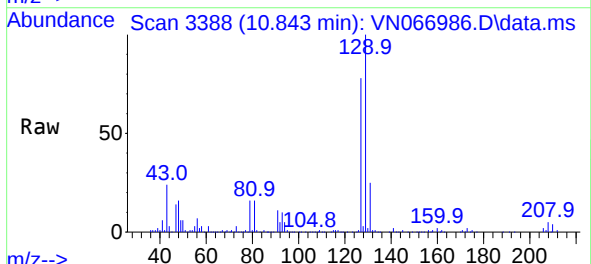
Manual Integrations
APPROVED

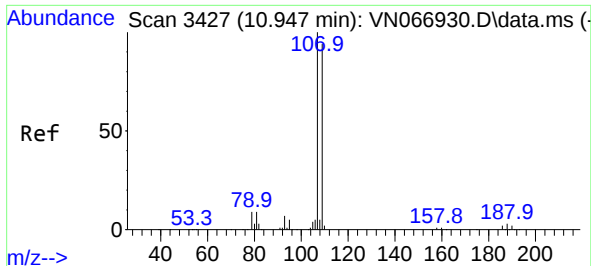
MMDadoda
5/6/2021 5:40:17 PM



#60
Dibromochloromethane
Concen: 16.82 ug/l
RT: 10.843 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

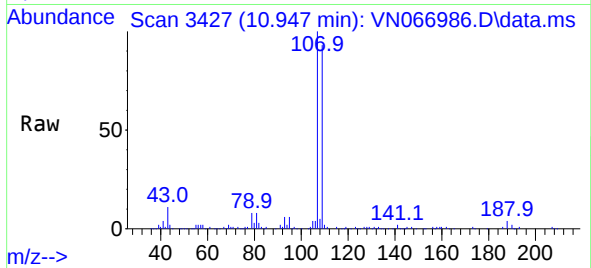
Tgt Ion: 129 Resp: 184711
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 17.74 ug/l
RT: 10.947 min Scan# 3427
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

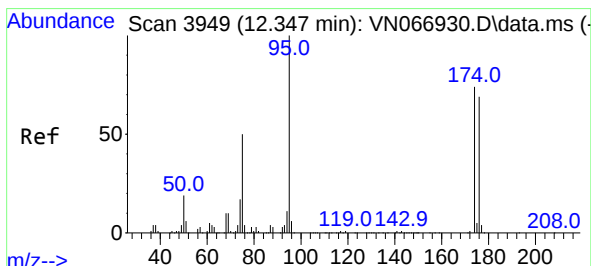
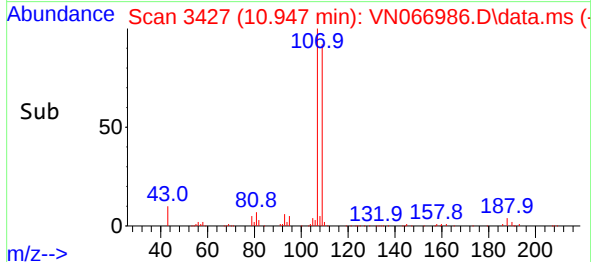
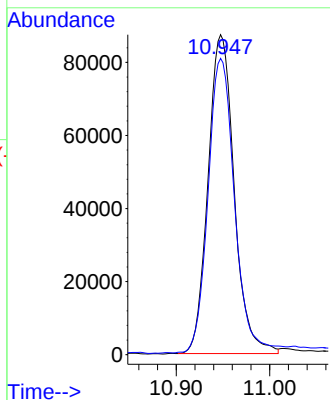
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01



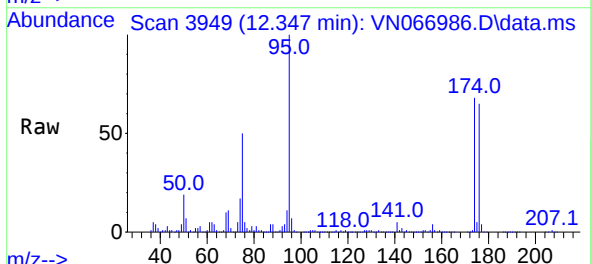
Tgt Ion:107 Resp: 169503
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4

Manual Integrations
APPROVED

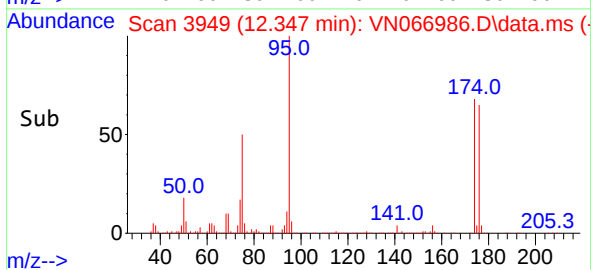
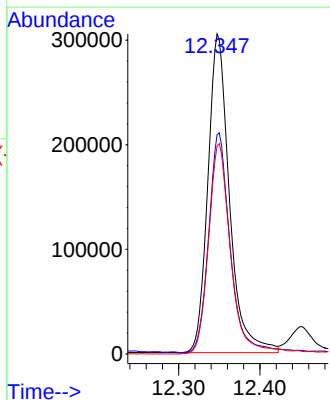
MMDadoda
5/6/2021 5:40:17 PM

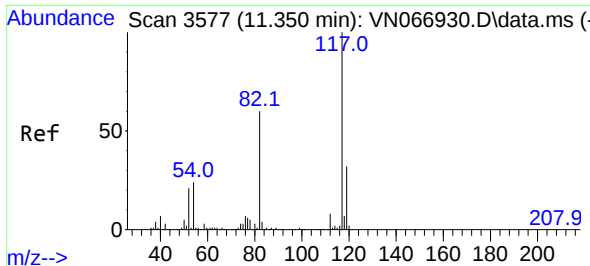


#62
4-Bromofluorobenzene
Concen: 49.99 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



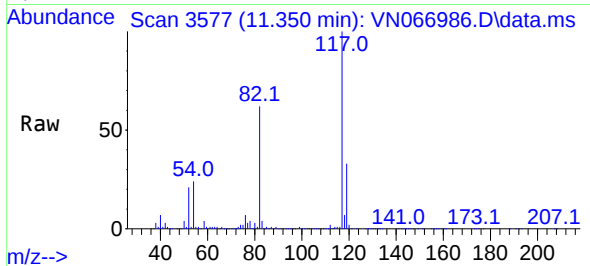
Tgt Ion: 95 Resp: 562949
Ion Ratio Lower Upper
95 100
174 68.8 0.0 169.0
176 67.6 0.0 162.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

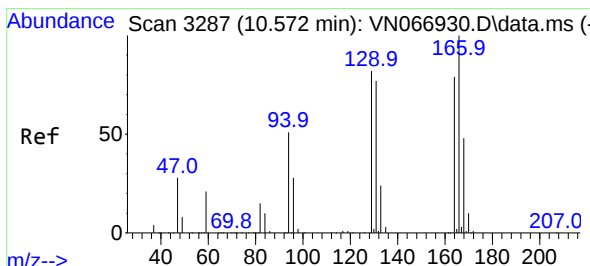
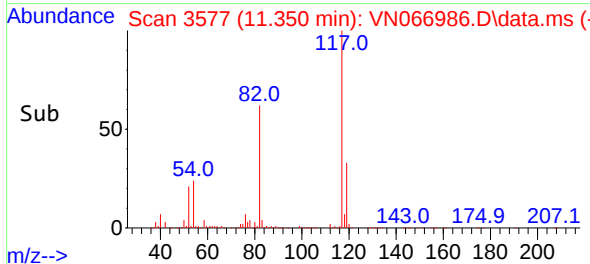
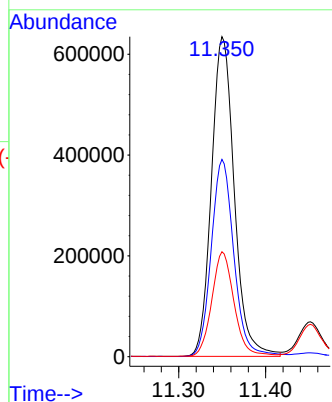


Tgt Ion:117 Resp: 1159159

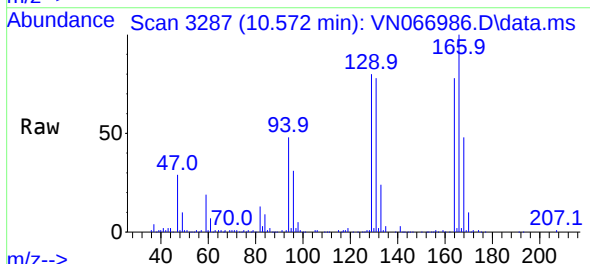
Ion	Ratio	Lower	Upper
117	100		
82	61.7	43.7	65.5
119	32.7	26.1	39.1

Manual Integrations
APPROVED

MMDadoda
5/6/2021 5:40:17 PM

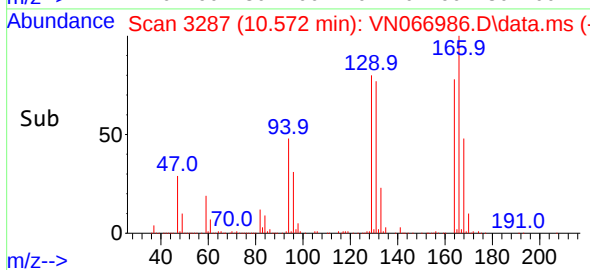
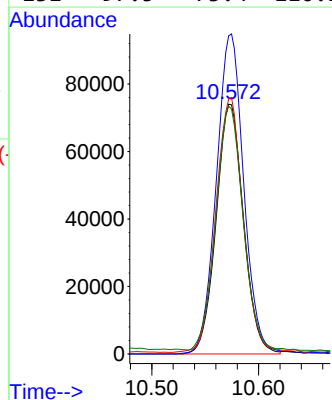


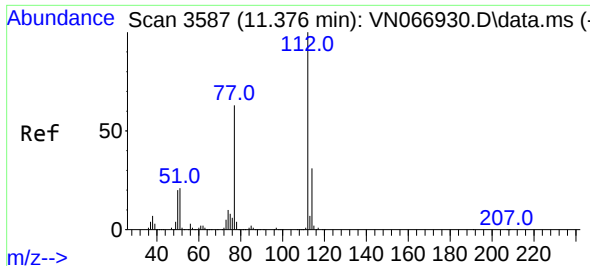
#64
Tetrachloroethene
Concen: 16.62 ug/l
RT: 10.572 min Scan# 3287
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



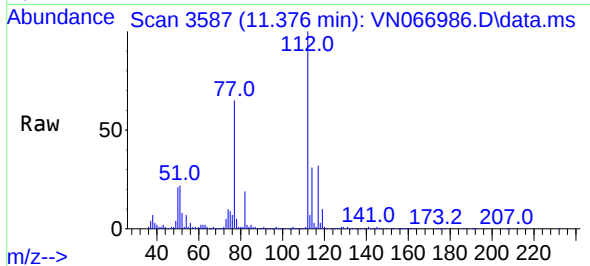
Tgt Ion:164 Resp: 131692

Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.6	154.0
129	101.2	76.2	114.4
131	97.5	73.4	110.2

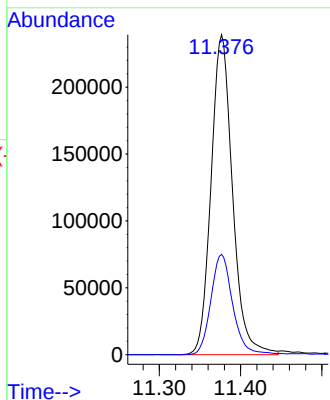
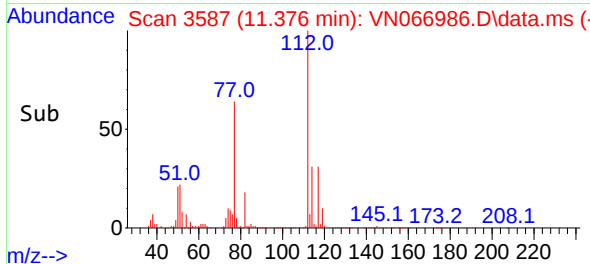




#65
Chlorobenzene
Concen: 17.68 ug/l
RT: 11.376 min Scan# 3587
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



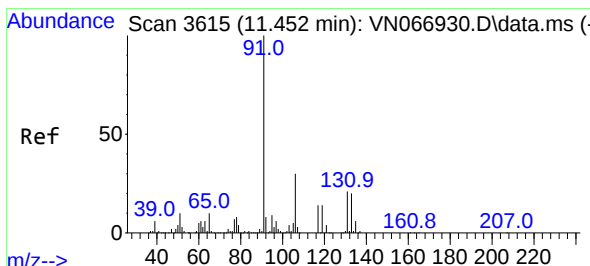
Tgt Ion:112 Resp: 438651
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



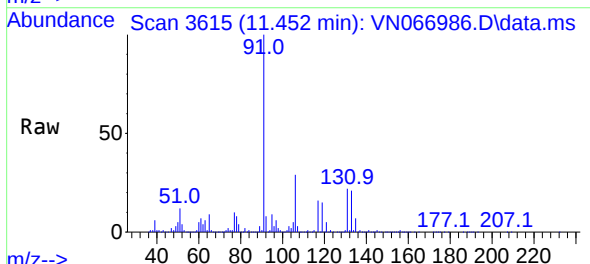
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

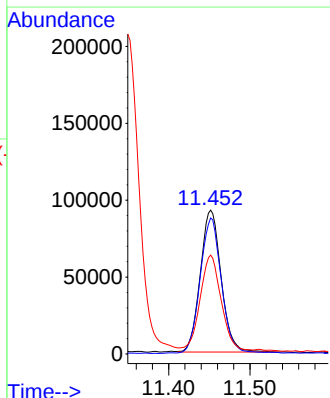
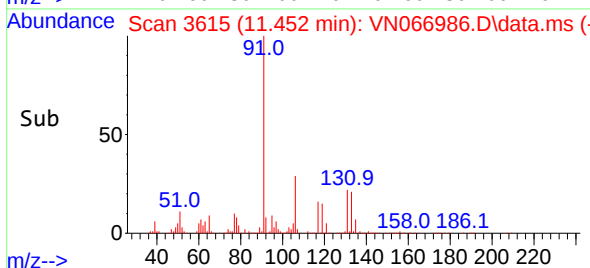
MMDadoda
5/6/2021 5:40:17 PM

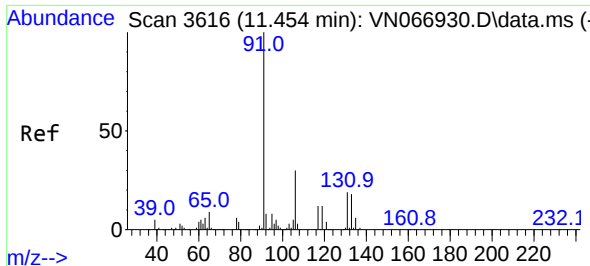


#66
1,1,1,2-Tetrachloroethane
Concen: 17.13 ug/l
RT: 11.452 min Scan# 3615
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



Tgt Ion:131 Resp: 164805
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 67.0 34.1 102.2





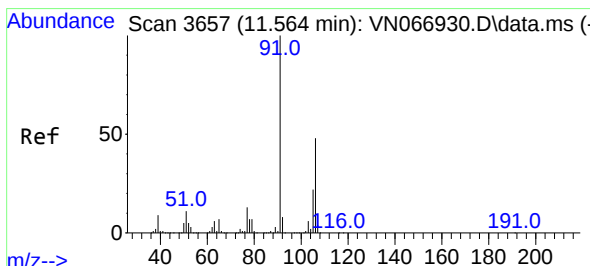
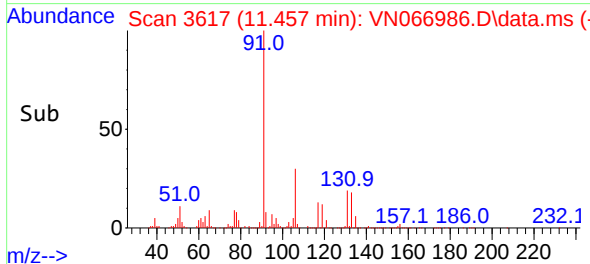
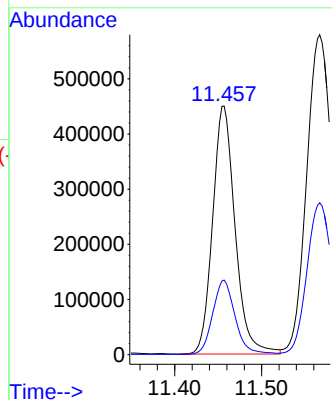
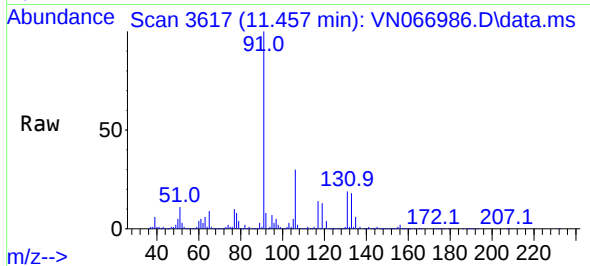
#67
Ethyl Benzene
Concen: 18.49 ug/l
RT: 11.457 min Scan# 3617
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 91 Resp: 807863
Ion Ratio Lower Upper
91 100
106 29.9 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

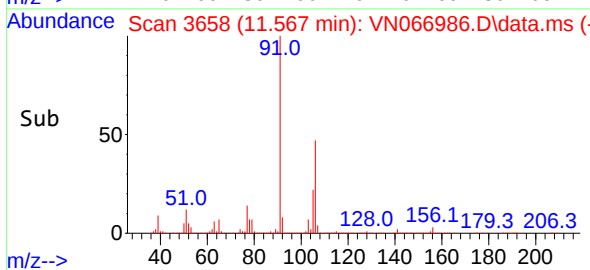
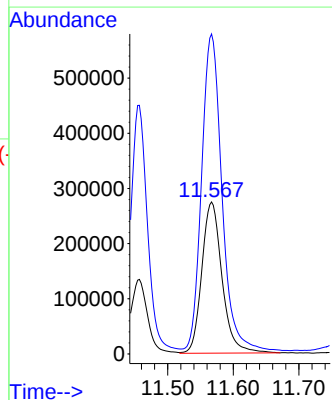
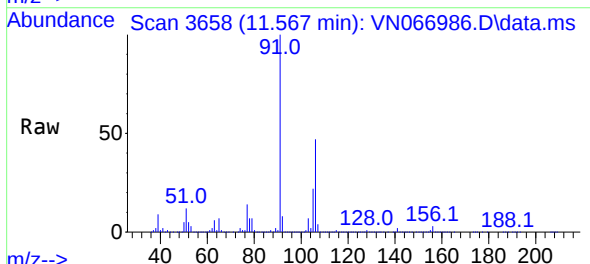
Manual Integrations
APPROVED

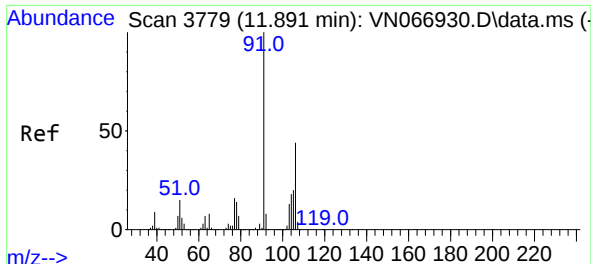
MMDadoda
5/6/2021 5:40:17 PM



#68
m/p-Xylenes
Concen: 36.01 ug/l
RT: 11.567 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion:106 Resp: 585512
Ion Ratio Lower Upper
106 100
91 212.0 161.4 242.0





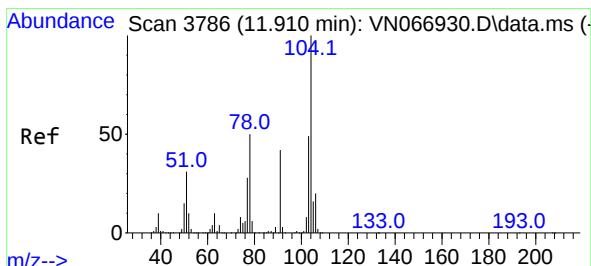
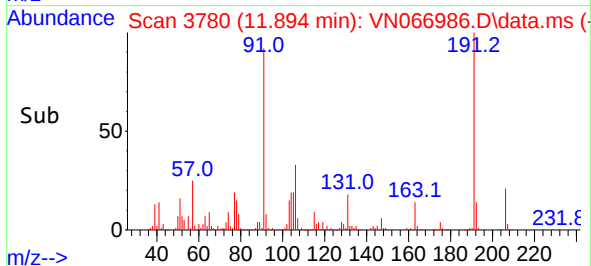
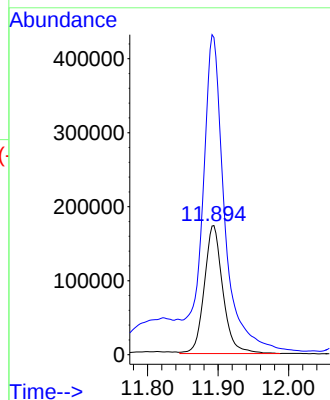
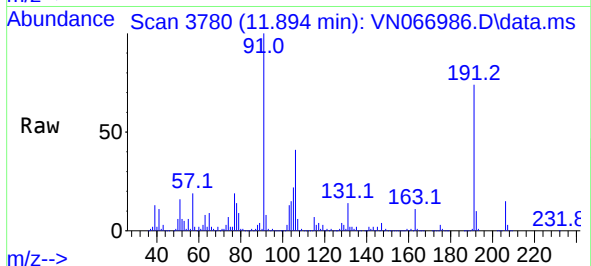
#69
o-Xylene
Concen: 20.09 ug/l
RT: 11.894 min Scan# 3780
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion:106 Resp: 316171
Ion Ratio Lower Upper
106 100
91 282.5 106.8 320.4

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

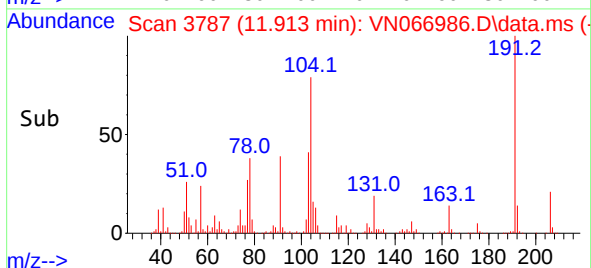
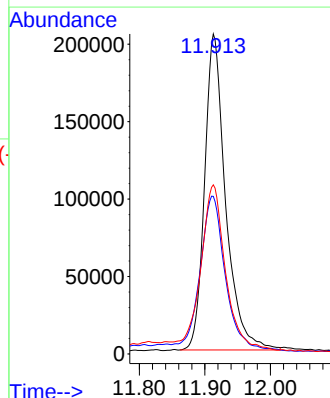
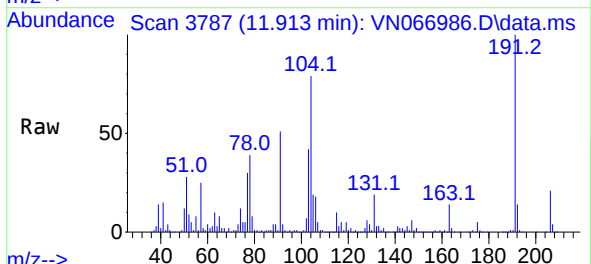
Manual Integrations
APPROVED

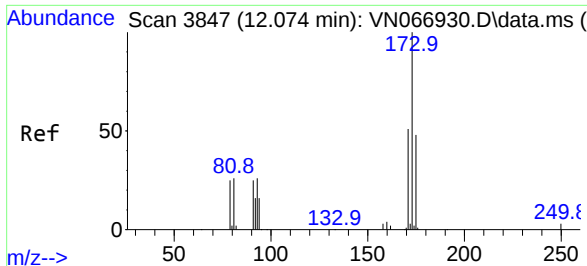
MMDadoda
5/6/2021 5:40:17 PM



#70
Styrene
Concen: 19.39 ug/l
RT: 11.913 min Scan# 3787
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion:104 Resp: 455072
Ion Ratio Lower Upper
104 100
78 55.8 39.0 58.4
103 60.7 44.5 66.7





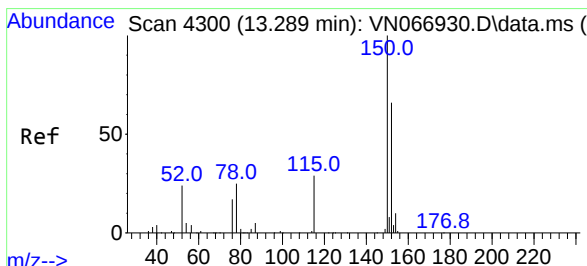
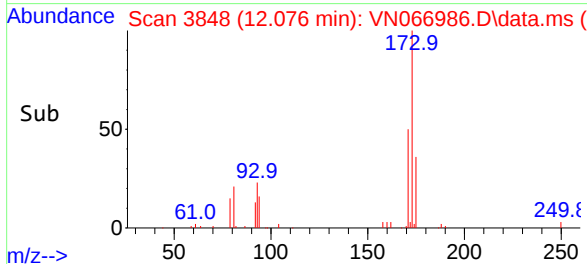
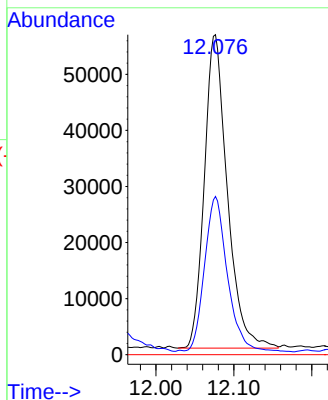
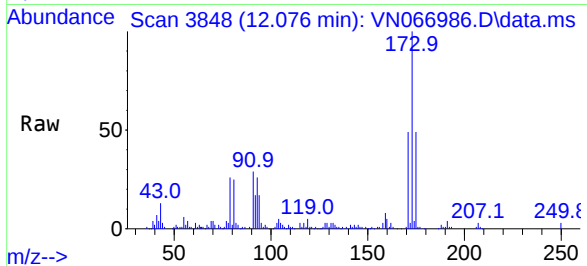
#71
Bromoform
Concen: 16.50 ug/l
RT: 12.076 min Scan# 3848
Delta R.T. 0.002 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion:173 Resp: 114708
Ion Ratio Lower Upper
173 100
175 49.4 23.8 71.2
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

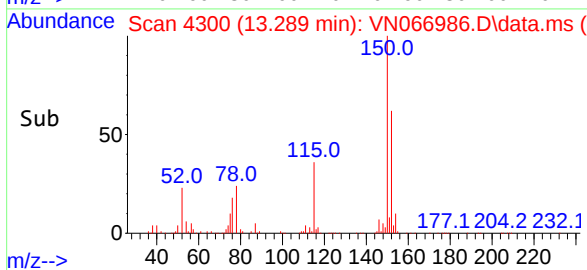
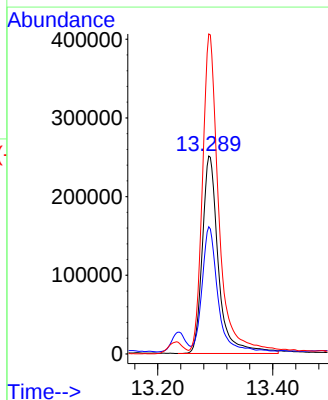
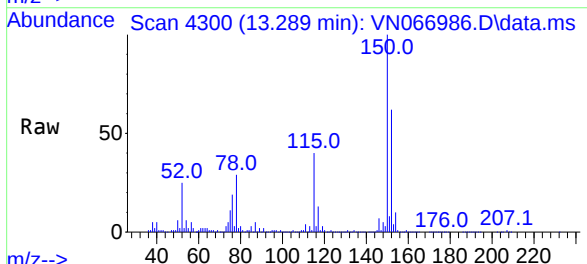
Manual Integrations
APPROVED

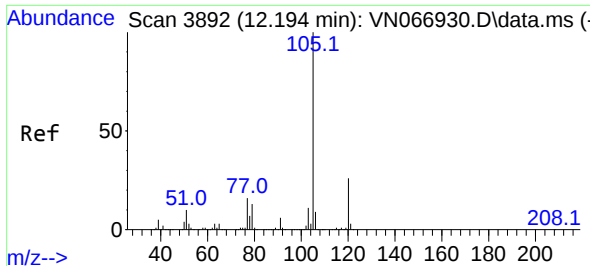
MMDadoda
5/6/2021 5:40:17 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4300
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

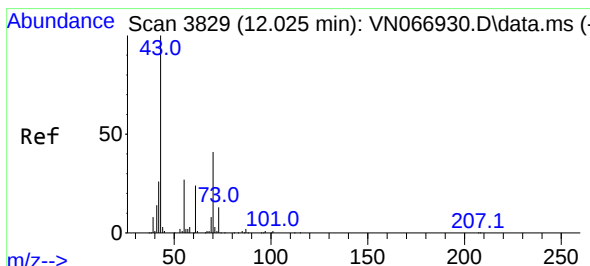
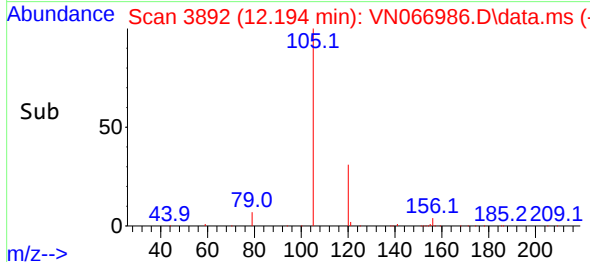
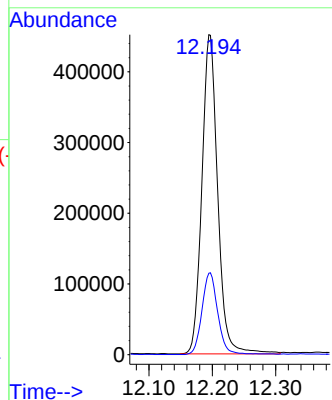
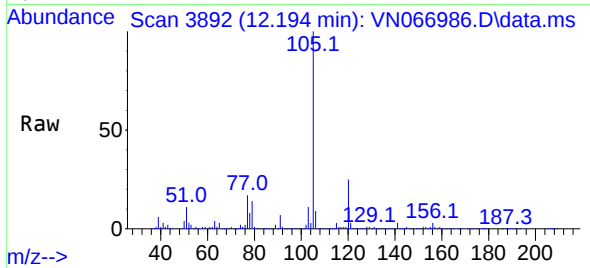
Tgt Ion:152 Resp: 491223
Ion Ratio Lower Upper
152 100
115 58.8 28.5 85.6
150 160.0 0.0 347.6





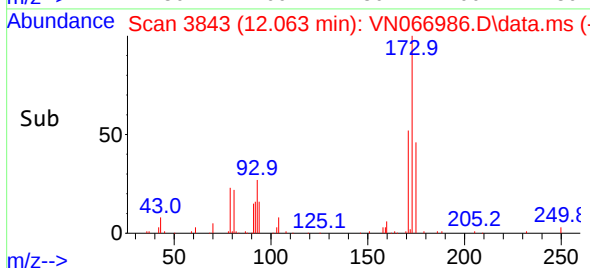
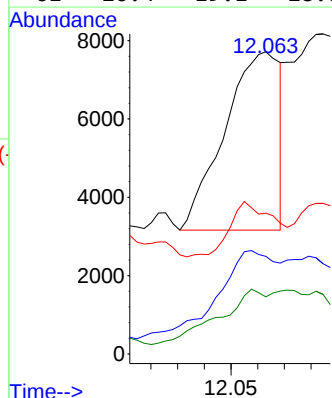
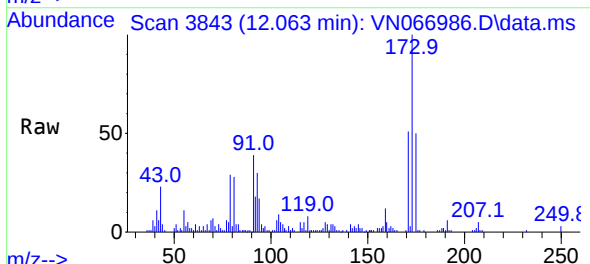
#73
Isopropylbenzene
Concen: 20.48 ug/l
RT: 12.194 min Scan# 3892
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 105 Resp: 780426
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.9



#74
N-ethyl acetate
Concen: 0.95 ug/l
RT: 12.063 min Scan# 3843
Delta R.T. 0.038 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

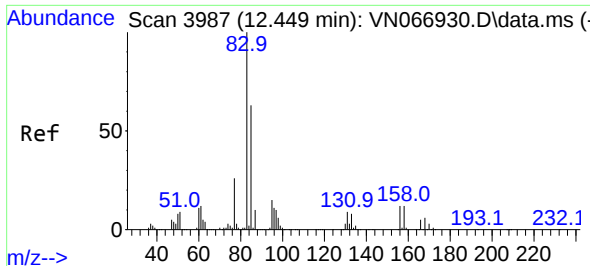
Tgt Ion: 43 Resp: 6540
Ion Ratio Lower Upper
43 100
70 53.7 34.4 51.6#
55 0.0 20.7 31.1#
61 26.4 19.1 28.7



Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

MMDadoda
5/6/2021 5:40:17 PM



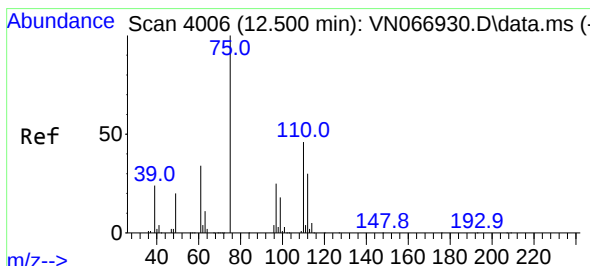
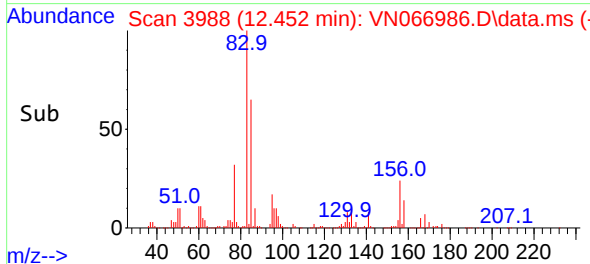
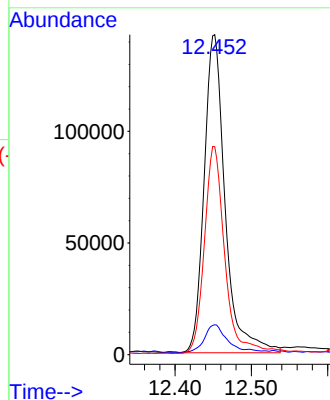
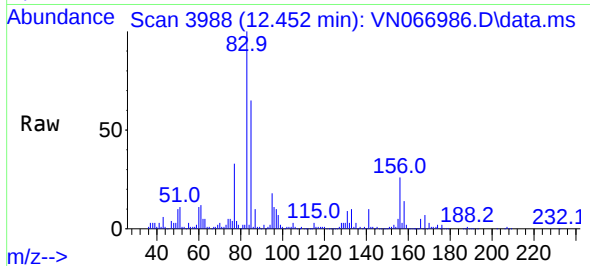
#75
1,1,2,2-Tetrachloroethane
Concen: 20.42 ug/l
RT: 12.452 min Scan# 3988
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 83 Resp: 272726
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.8
85 62.6 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

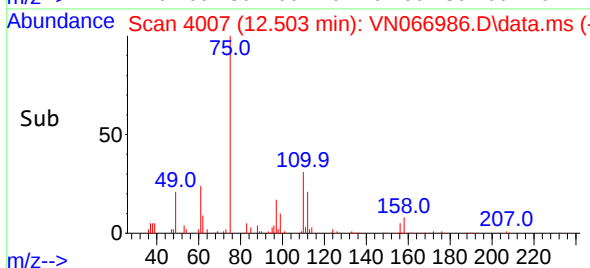
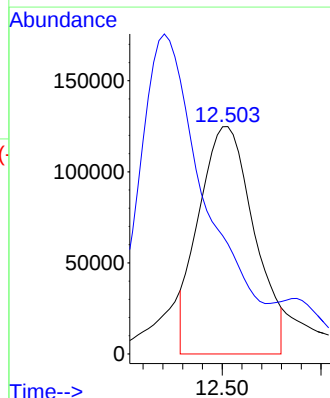
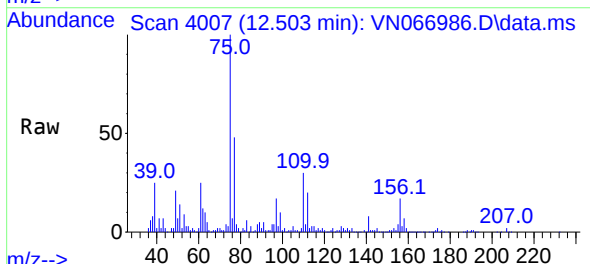
Manual Integrations
APPROVED

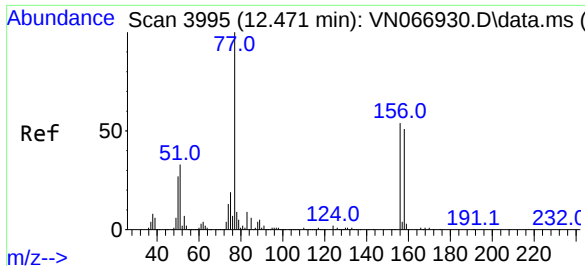
MMDadoda
5/6/2021 5:40:17 PM



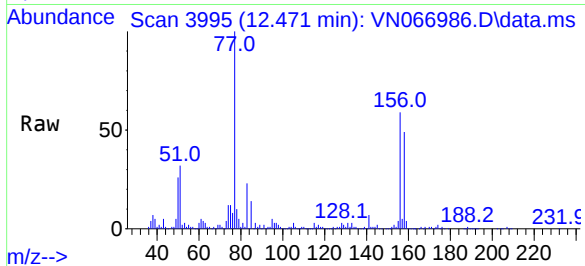
#76
1,2,3-Trichloropropane
Concen: 20.65 ug/l m
RT: 12.503 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 75 Resp: 241663
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

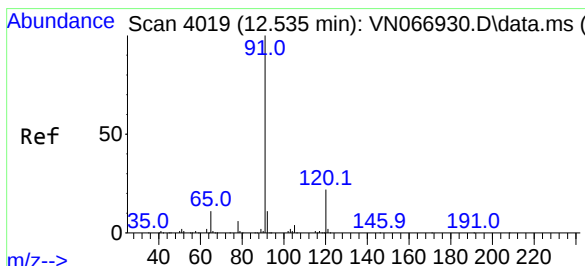
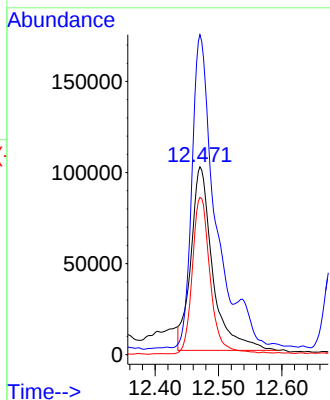
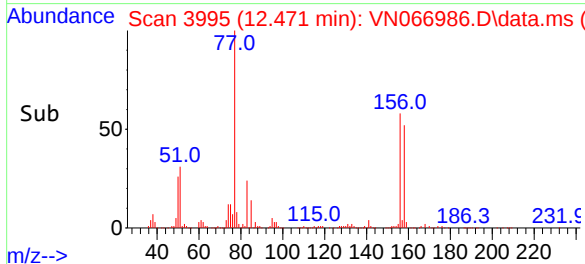




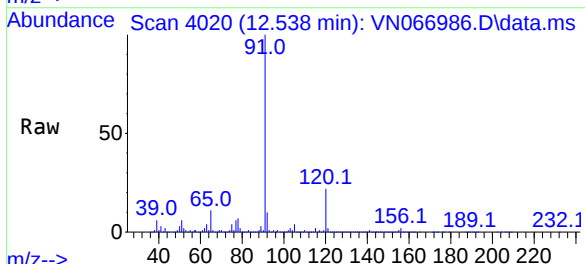
#77
Bromobenzene
Concen: 26.89 ug/l
RT: 12.471 min Scan# 3995
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



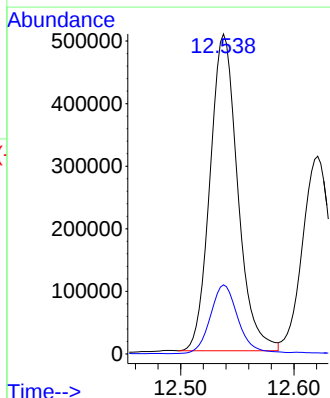
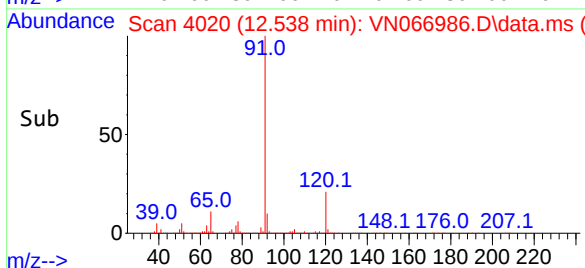
Tgt Ion:156 Resp: 241768
Ion Ratio Lower Upper
156 100
77 167.0 96.3 288.8
158 69.5 49.0 147.0



#78
n-propylbenzene
Concen: 19.90 ug/l
RT: 12.538 min Scan# 4020
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



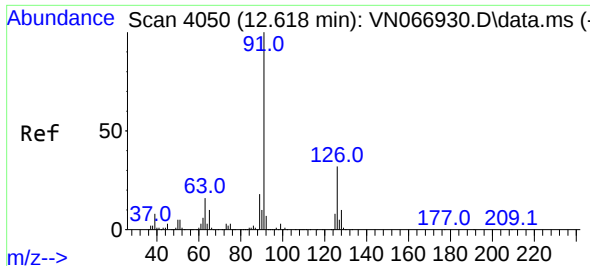
Tgt Ion: 91 Resp: 860711
Ion Ratio Lower Upper
91 100
120 21.7 11.8 35.3



Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

MMDadoda
5/6/2021 5:40:17 PM



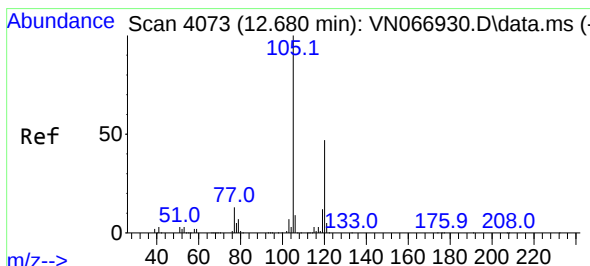
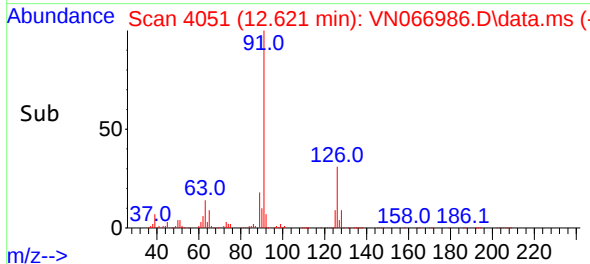
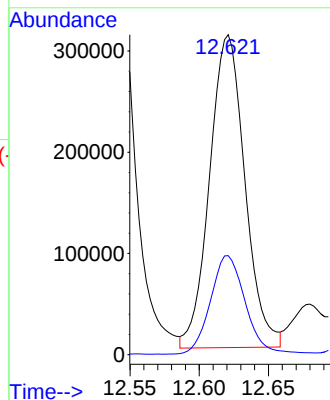
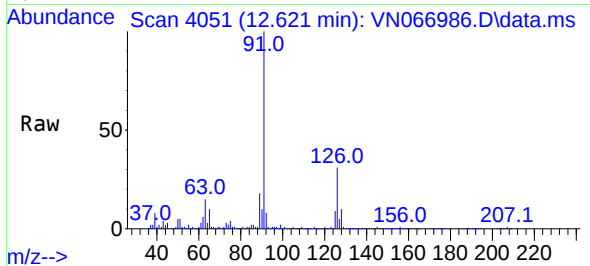
#79
2-Chlorotoluene
Concen: 19.34 ug/l
RT: 12.621 min Scan# 4051
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 91 Resp: 547875
Ion Ratio Lower Upper
91 100
126 31.2 17.4 52.3

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

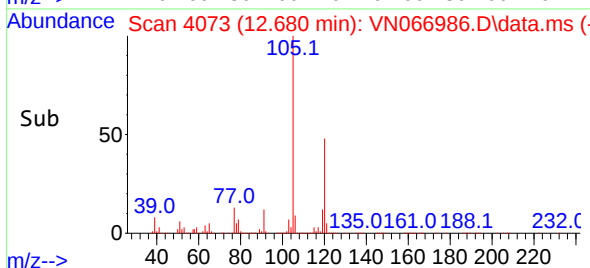
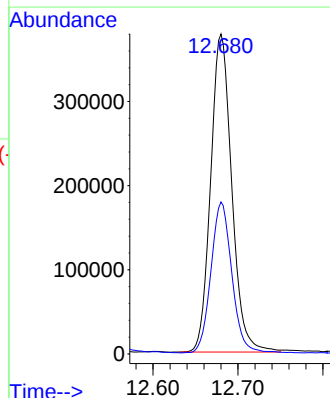
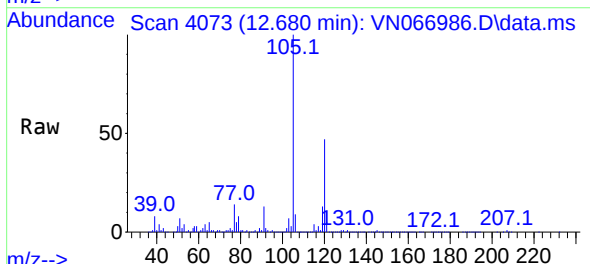
Manual Integrations
APPROVED

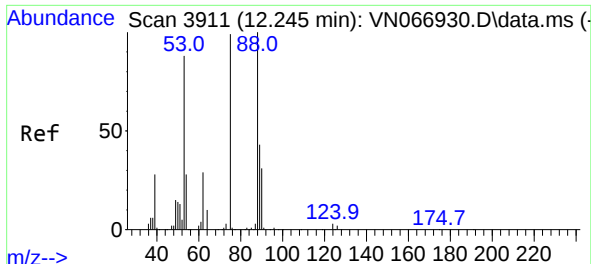
MMDadoda
5/6/2021 5:40:17 PM



#80
1,3,5-Trimethylbenzene
Concen: 19.63 ug/l
RT: 12.680 min Scan# 4073
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 105 Resp: 652655
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.8





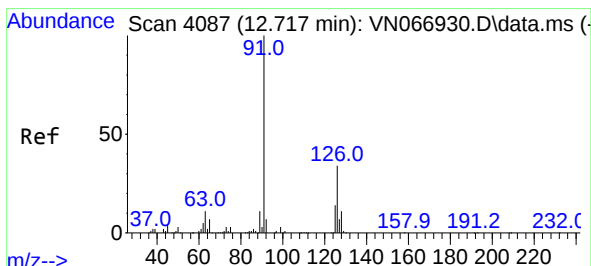
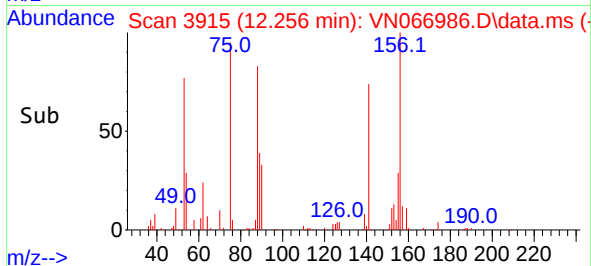
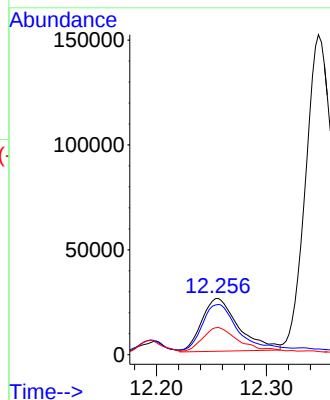
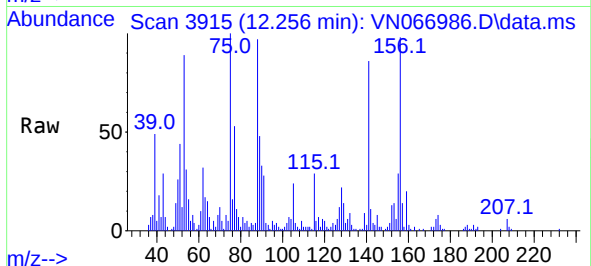
#81
trans-1,4-Dichloro-2-butene
Concen: 19.63 ug/l
RT: 12.256 min Scan# 3915
Delta R.T. 0.011 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 75 Resp: 59166
Ion Ratio Lower Upper
75 100
53 83.5 74.6 111.8
89 40.1 35.8 53.8

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

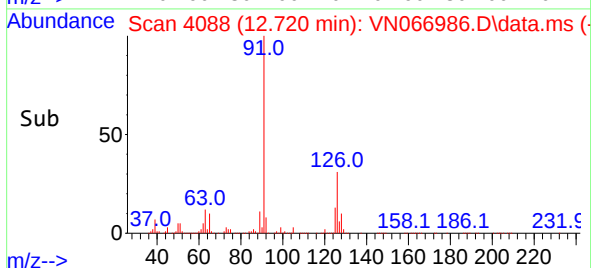
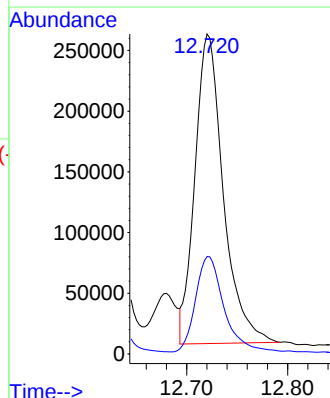
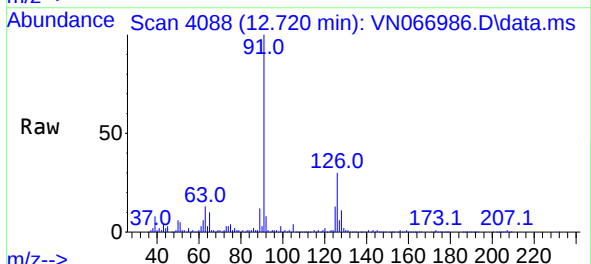
Manual Integrations
APPROVED

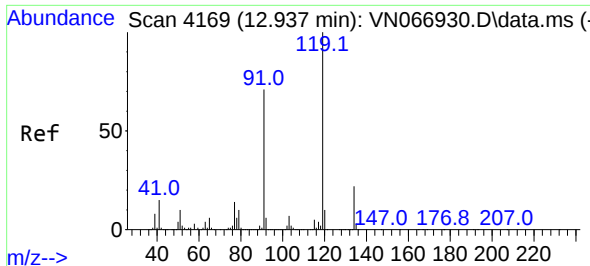
MMDadoda
5/6/2021 5:40:17 PM



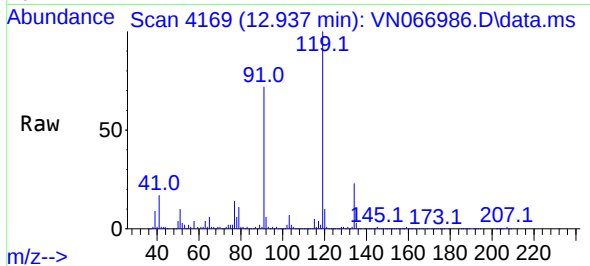
#82
4-Chlorotoluene
Concen: 18.25 ug/l
RT: 12.720 min Scan# 4088
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 91 Resp: 497624
Ion Ratio Lower Upper
91 100
126 30.9 17.2 51.6

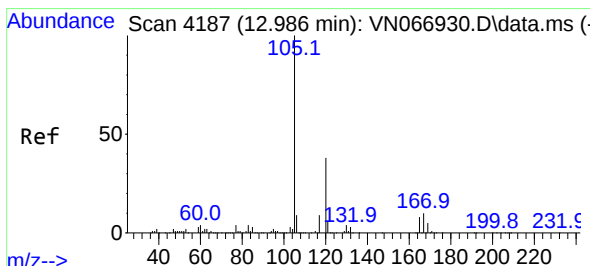
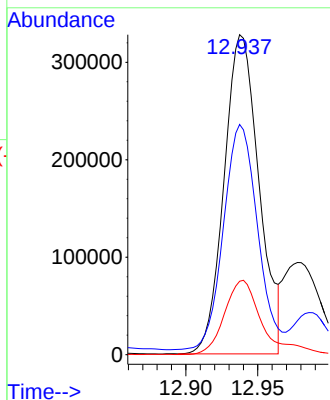
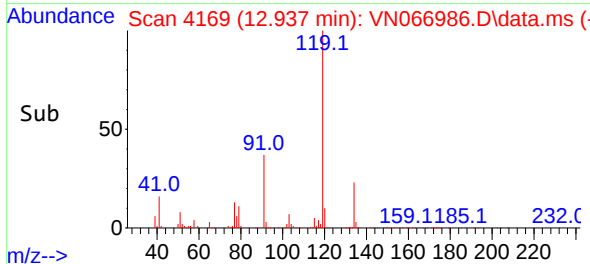




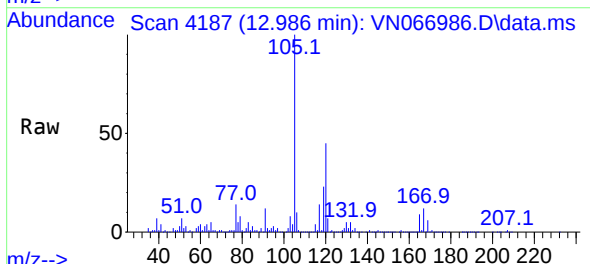
#83
tert-Butylbenzene
Concen: 19.85 ug/l
RT: 12.937 min Scan# 4169
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



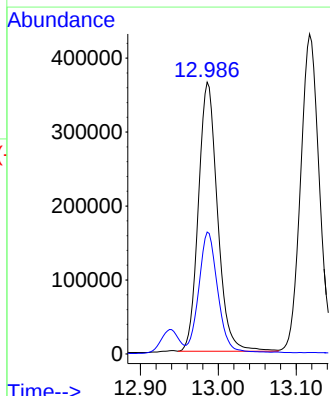
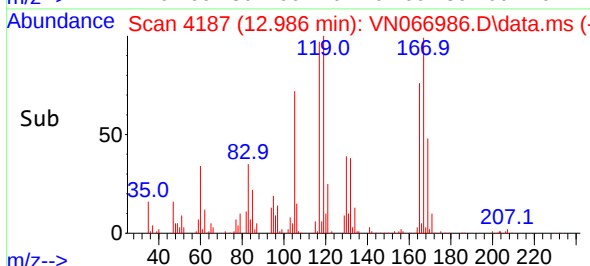
Tgt Ion:119 Resp: 553770
Ion Ratio Lower Upper
119 100
91 69.0 33.0 98.9
134 25.3 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 19.59 ug/l
RT: 12.986 min Scan# 4187
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



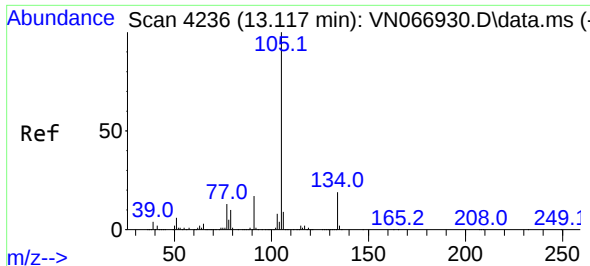
Tgt Ion:105 Resp: 621910
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.0



Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

MMDadoda
5/6/2021 5:40:17 PM



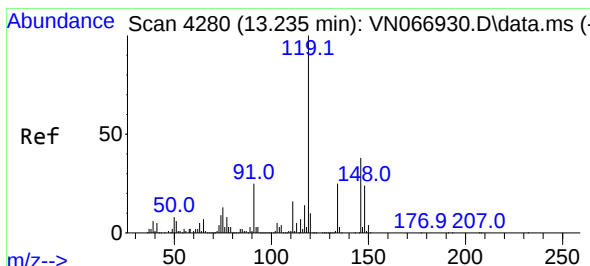
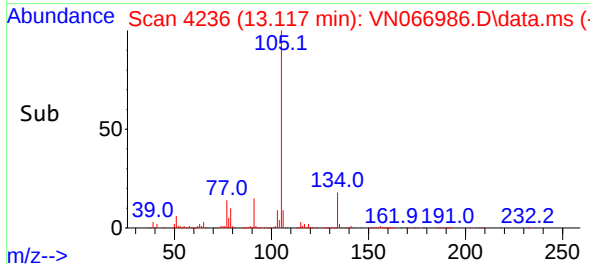
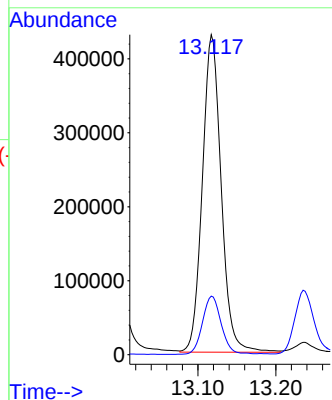
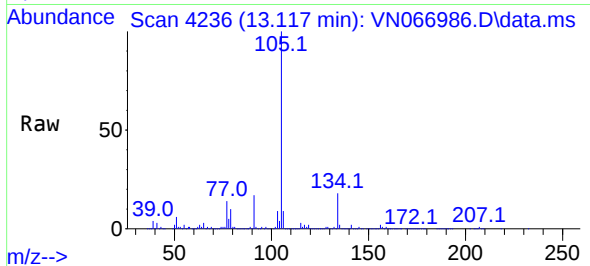
#85
 sec-Butylbenzene
 Concen: 19.97 ug/l
 RT: 13.117 min Scan# 4236
 Delta R.T. 0.000 min
 Lab File: VN066986.D
 Acq: 5 May 2021 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBSD01

Tgt Ion:105 Resp: 723563
 Ion Ratio Lower Upper
 105 100
 134 18.3 10.0 30.0

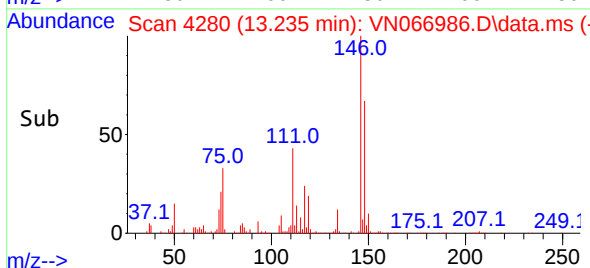
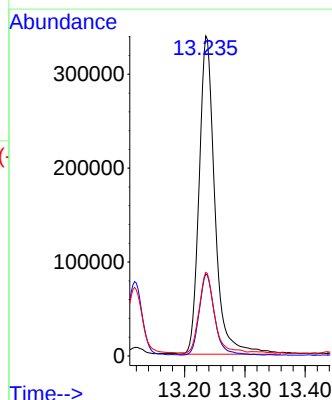
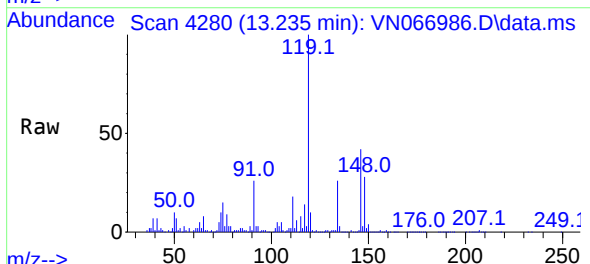
Manual Integrations
 APPROVED

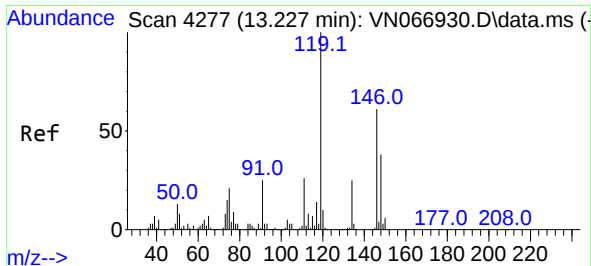
MMDadoda
 5/6/2021 5:40:17 PM



#86
 p-Isopropyltoluene
 Concen: 19.83 ug/l
 RT: 13.235 min Scan# 4280
 Delta R.T. 0.000 min
 Lab File: VN066986.D
 Acq: 5 May 2021 14:09

Tgt Ion:119 Resp: 617418
 Ion Ratio Lower Upper
 119 100
 134 24.4 13.3 39.8
 91 24.4 11.8 35.3





#87

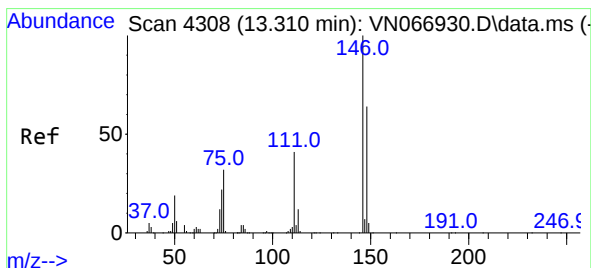
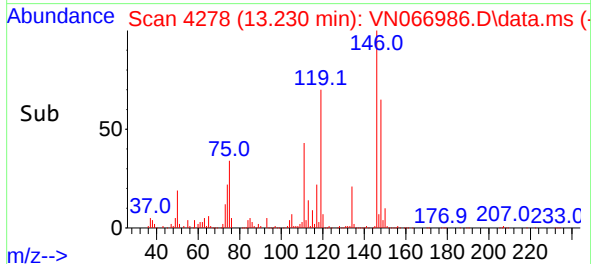
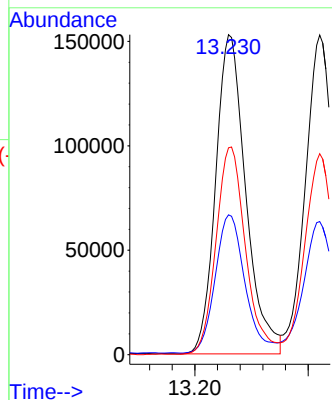
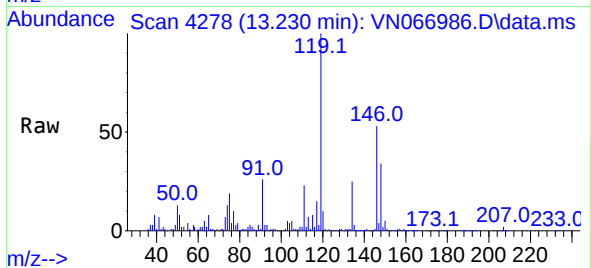
1,3-Dichlorobenzene
Concen: 18.08 ug/l
RT: 13.230 min Scan# 4278
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion:146 Resp: 281954
Ion Ratio Lower Upper
146 100
111 43.0 19.5 58.5
148 64.0 32.3 96.9

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

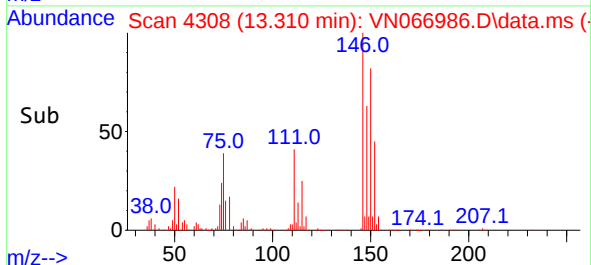
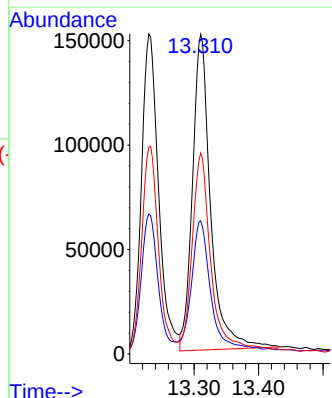
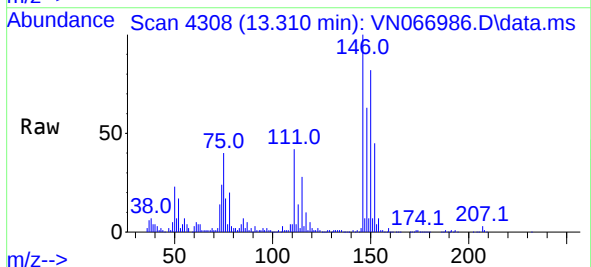
MMDadoda
5/6/2021 5:40:17 PM

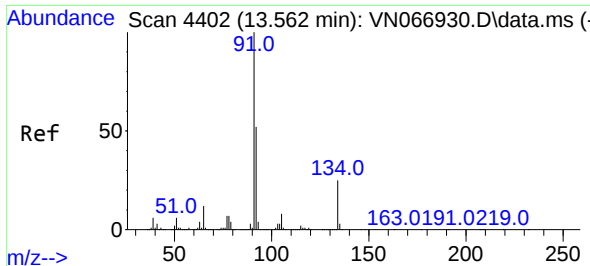


#88

1,4-Dichlorobenzene
Concen: 18.78 ug/l
RT: 13.310 min Scan# 4308
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion:146 Resp: 294567
Ion Ratio Lower Upper
146 100
111 43.1 19.0 57.0
148 60.6 31.8 95.3





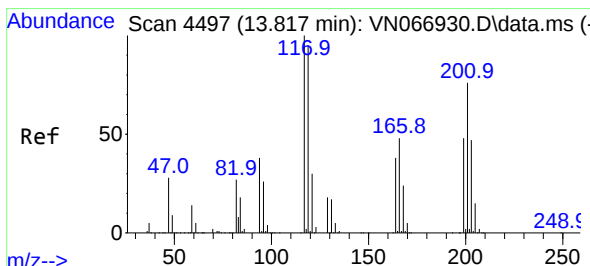
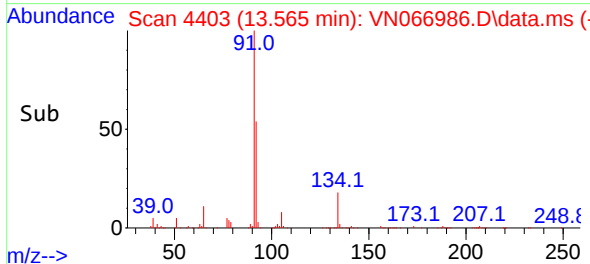
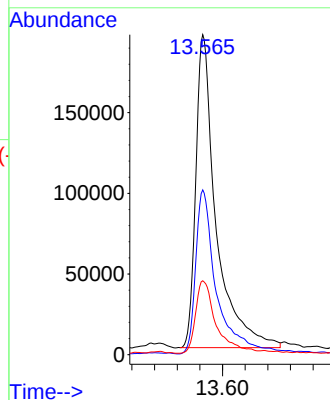
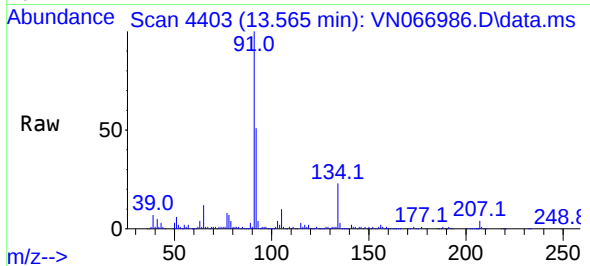
#89
n-Butylbenzene
Concen: 20.71 ug/l
RT: 13.565 min Scan# 4403
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 91 Resp: 482320
Ion Ratio Lower Upper
91 100
92 54.3 26.1 78.3
134 23.5 13.0 38.9

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

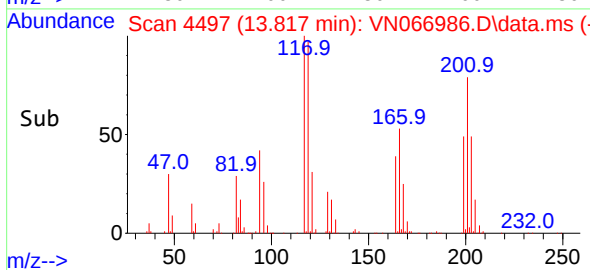
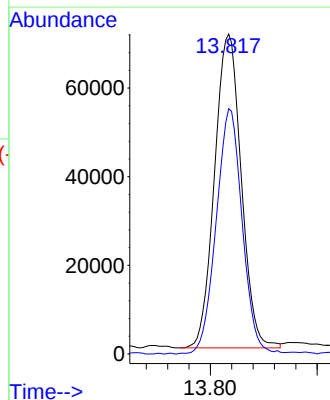
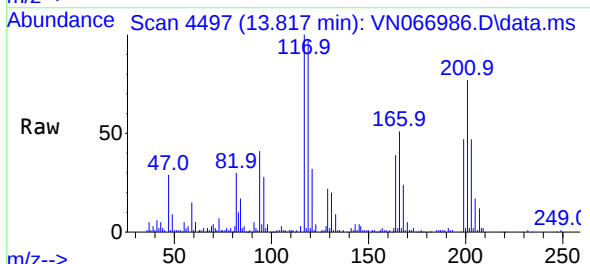
Manual Integrations
APPROVED

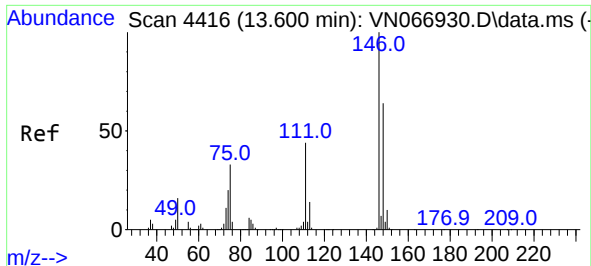
MMDadoda
5/6/2021 5:40:17 PM



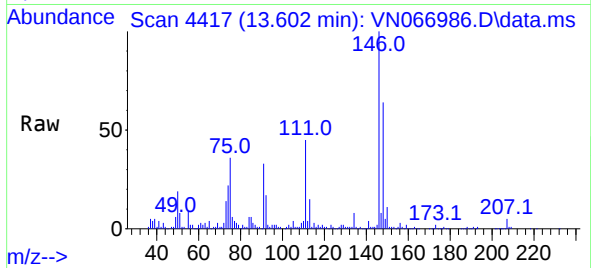
#90
Hexachloroethane
Concen: 17.54 ug/l
RT: 13.817 min Scan# 4497
Delta R.T. 0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion: 117 Resp: 122902
Ion Ratio Lower Upper
117 100
201 76.1 37.8 113.3

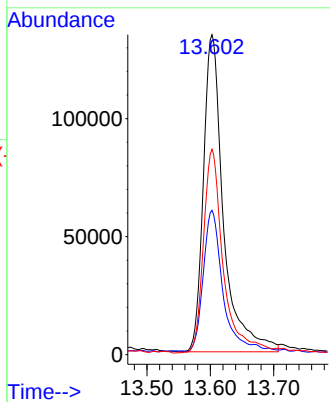
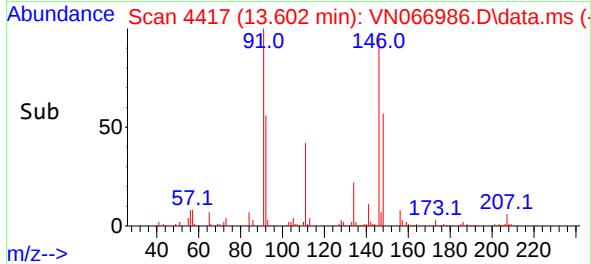




#91
1,2-Dichlorobenzene
Concen: 19.03 ug/l
RT: 13.602 min Scan# 4417
Delta R.T. 0.002 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



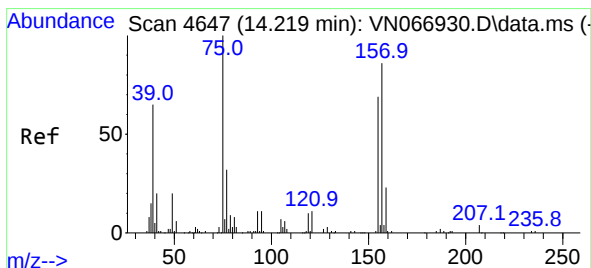
Tgt Ion:146 Resp: 296859
Ion Ratio Lower Upper
146 100
111 41.8 20.1 60.3
148 63.1 32.0 96.0



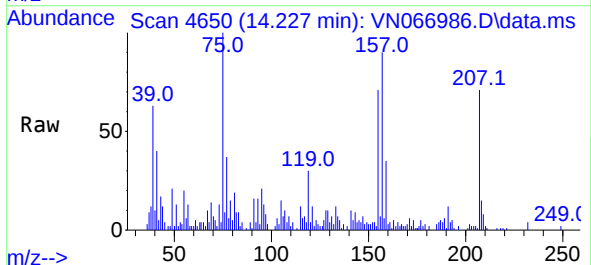
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

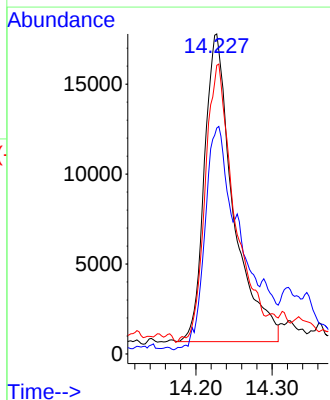
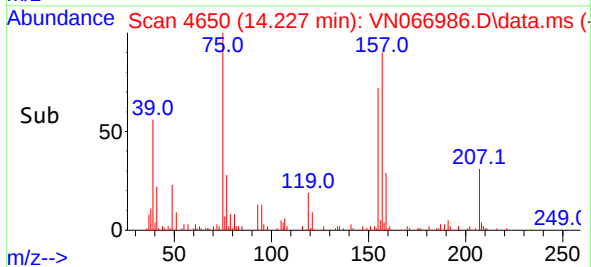
MMDadoda
5/6/2021 5:40:17 PM

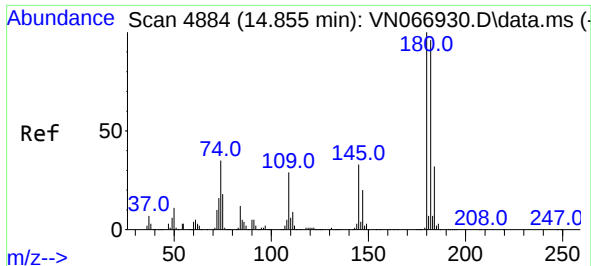


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.04 ug/l
RT: 14.227 min Scan# 4650
Delta R.T. 0.008 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09



Tgt Ion: 75 Resp: 45056
Ion Ratio Lower Upper
75 100
155 58.8 44.1 132.4
157 88.5 56.0 168.2





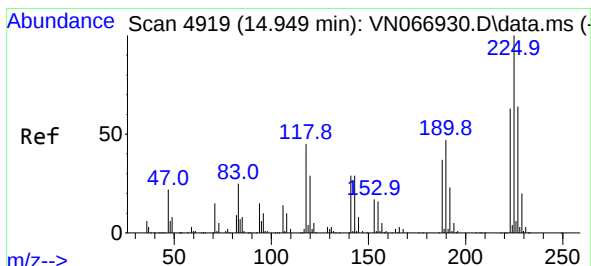
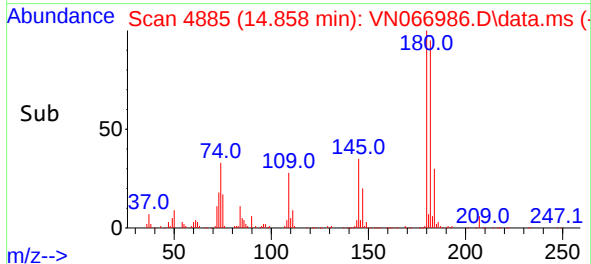
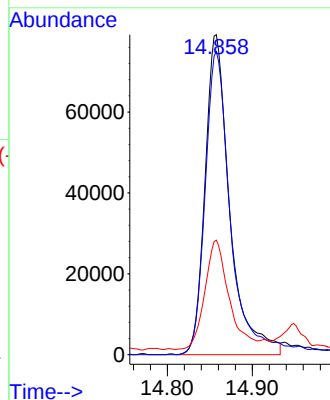
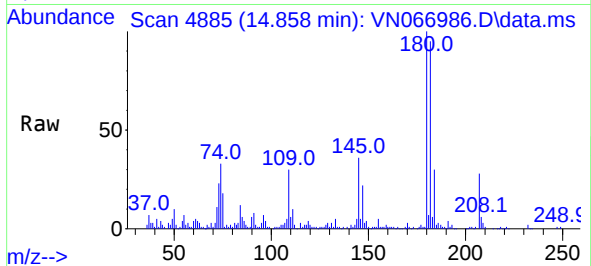
#93
1,2,4-Trichlorobenzene
Concen: 19.41 ug/l
RT: 14.858 min Scan# 4885
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion:180 Resp: 160137
Ion Ratio Lower Upper
180 100
182 97.1 47.3 142.0
145 33.3 15.6 46.8

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

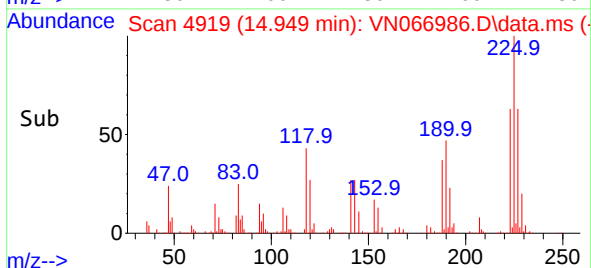
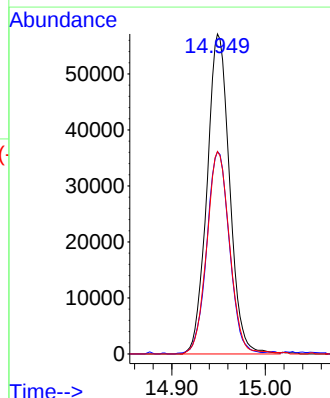
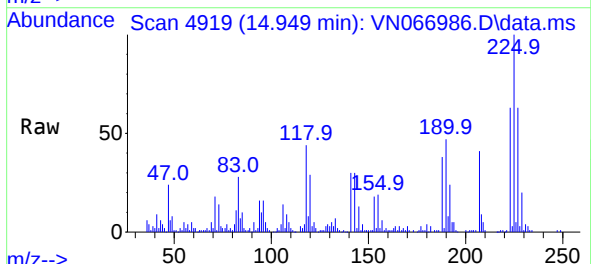
Manual Integrations
APPROVED

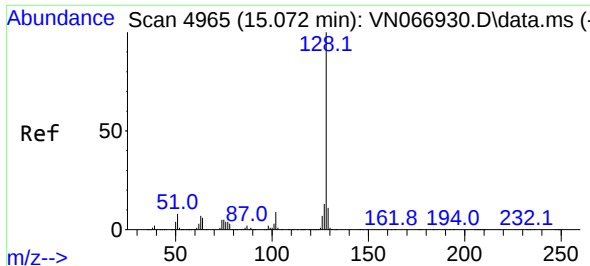
MMDadoda
5/6/2021 5:40:17 PM



#94
Hexachlorobutadiene
Concen: 18.97 ug/l
RT: 14.949 min Scan# 4919
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion:225 Resp: 95817
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.9
227 64.1 31.6 95.0





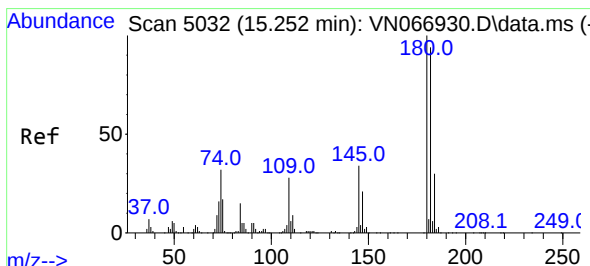
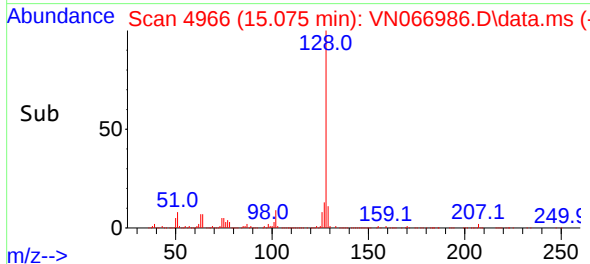
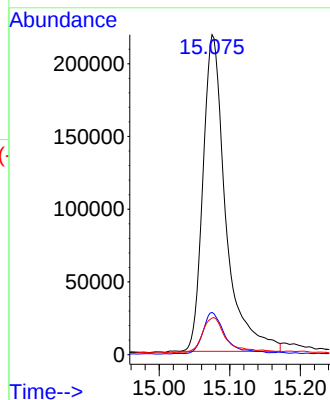
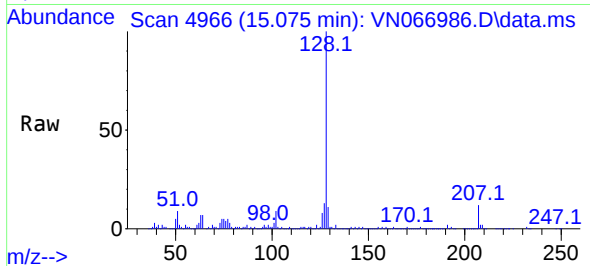
#95
Naphthalene
Concen: 22.58 ug/l
RT: 15.075 min Scan# 4966
Delta R.T. 0.003 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion:128 Resp: 487141
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.8 8.6 13.0

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

Manual Integrations
APPROVED

MMDadoda
5/6/2021 5:40:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.65 ug/l
RT: 15.252 min Scan# 5032
Delta R.T. -0.000 min
Lab File: VN066986.D
Acq: 5 May 2021 14:09

Tgt Ion:180 Resp: 157169
Ion Ratio Lower Upper
180 100
182 99.6 47.4 142.3
145 35.1 16.5 49.5

