

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066187.D
 Acq On : 12 Mar 2021 17:28
 Operator : JC/MD
 Sample : VN0312WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:41:29 PM

Quant Time: Mar 13 02:41:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	360242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	580142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	531314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	235526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	303634	52.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.48%			
35) Dibromofluoromethane	7.509	113	206618	52.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.58%			
50) Toluene-d8	10.028	98	809656	51.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.14%			
62) 4-Bromofluorobenzene	12.345	95	275510	47.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.48%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.818	85	71841	18.57	ug/l	99
3) Chloromethane	2.022	50	117353	19.02	ug/l	99
4) Vinyl Chloride	2.148	62	100077	18.81	ug/l	99
5) Bromomethane	2.521	94	55217	17.83	ug/l	96
6) Chloroethane	2.658	64	56537	18.32	ug/l	96
7) Trichlorofluoromethane	2.969	101	133062	21.34	ug/l	98
8) Diethyl Ether	3.344	74	51698	20.95	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.682	101	67380	20.99	ug/l #	88
10) Methyl Iodide	3.875	142	88321	20.79	ug/l	98
11) Tert butyl alcohol	4.699	59	94667	106.16	ug/l #	89
12) 1,1-Dichloroethene	3.663	96	68491	20.48	ug/l	98
13) Acrolein	3.535	56	96331	91.52	ug/l	98
14) Allyl chloride	4.232	41	176951	19.69	ug/l	95
15) Acrylonitrile	4.886	53	291324	110.66	ug/l	99
16) Acetone	3.741	43	294680	115.43	ug/l	100
17) Carbon Disulfide	3.969	76	209474	20.76	ug/l	99
18) Methyl Acetate	4.240	43	166777	23.27	ug/l	100
19) Methyl tert-butyl Ether	4.948	73	283416	21.63	ug/l	98
20) Methylene Chloride	4.457	84	98264	22.81	ug/l	93
21) trans-1,2-Dichloroethene	4.937	96	81172	21.39	ug/l	95
22) Diisopropyl ether	5.857	45	380040	21.62	ug/l	94
23) Vinyl Acetate	5.798	43	1577601	108.14	ug/l	99
24) 1,1-Dichloroethane	5.747	63	184481	21.51	ug/l	99
25) 2-Butanone	6.745	43	445230	101.58	ug/l	100
26) 2,2-Dichloropropane	6.729	77	147820	19.71	ug/l	77
27) cis-1,2-Dichloroethene	6.731	96	94213	20.36	ug/l	98
28) Bromochloromethane	7.107	49	88283	18.34	ug/l	100
29) Tetrahydrofuran	7.126	42	296281	101.60	ug/l	99
30) Chloroform	7.287	83	165303	20.13	ug/l	100
31) Cyclohexane	7.571	56	167044	19.58	ug/l	96
32) 1,1,1-Trichloroethane	7.488	97	140451	20.06	ug/l	100
36) 1,1-Dichloropropene	7.710	75	121513	19.82	ug/l	99
37) Ethyl Acetate	6.841	43	178305	20.85	ug/l	100
38) Carbon Tetrachloride	7.692	117	110810	19.38	ug/l	96
39) Methylcyclohexane	9.014	83	136107	19.15	ug/l	97
40) Benzene	7.965	78	375565	20.25	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066187.D
 Acq On : 12 Mar 2021 17:28
 Operator : JC/MD
 Sample : VN0312WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:41:29 PM

Quant Time: Mar 13 02:41:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	89846	19.73	ug/l	98
42) 1,2-Dichloroethane	8.048	62	142371	19.97	ug/l	98
43) Isopropyl Acetate	8.091	43	288810	20.03	ug/l	99
44) Trichloroethene	8.770	130	89373	19.77	ug/l	98
45) 1,2-Dichloropropane	9.049	63	111911	19.53	ug/l	99
46) Dibromomethane	9.140	93	62271	19.66	ug/l	99
47) Bromodichloromethane	9.338	83	129756	18.94	ug/l	99
48) Methyl methacrylate	9.135	41	131065	19.25	ug/l	99
49) 1,4-Dioxane	9.135	88	25077	344.37	ug/l	96
51) 4-Methyl-2-Pentanone	9.920	43	893924	102.45	ug/l	99
52) Toluene	10.092	92	216170	19.35	ug/l	99
53) t-1,3-Dichloropropene	10.323	75	146524	18.91	ug/l	98
54) cis-1,3-Dichloropropene	9.776	75	159168	18.95	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	87921	19.18	ug/l	96
56) Ethyl methacrylate	10.371	69	136805	18.05	ug/l	99
57) 1,3-Dichloropropane	10.647	76	155866	18.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.633	63	176208	82.27	ug/l	99
59) 2-Hexanone	10.693	43	624239	86.34	ug/l	100
60) Dibromochloromethane	10.843	129	89875	18.92	ug/l	98
61) 1,2-Dibromoethane	10.948	107	88129	19.03	ug/l	99
64) Tetrachloroethene	10.572	164	96099	20.88	ug/l	99
65) Chlorobenzene	11.374	112	217002	19.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	83611	19.85	ug/l	99
67) Ethyl Benzene	11.452	91	406355	20.55	ug/l	99
68) m/p-Xylenes	11.564	106	287208	39.17	ug/l	98
69) o-Xylene	11.892	106	141950	19.93	ug/l	99
70) Styrene	11.908	104	229222	19.07	ug/l	99
71) Bromoform	12.069	173	62939	19.21	ug/l #	100
73) Isopropylbenzene	12.192	105	371557	20.91	ug/l	100
74) N-amyl acetate	12.015	43	161371	19.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	131969	20.52	ug/l	100
76) 1,2,3-Trichloropropane	12.498	75	117177m	21.11	ug/l	
77) Bromobenzene	12.468	156	92313	20.74	ug/l	98
78) n-propylbenzene	12.535	91	424453	20.70	ug/l	98
79) 2-Chlorotoluene	12.616	91	260968	20.31	ug/l	100
80) 1,3,5-Trimethylbenzene	12.677	105	318045	21.46	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.246	75	38896	18.45	ug/l	93
82) 4-Chlorotoluene	12.715	91	267383	21.09	ug/l	99
83) tert-Butylbenzene	12.938	119	263745	21.11	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	306893	20.90	ug/l	99
85) sec-Butylbenzene	13.115	105	347641	20.84	ug/l	100
86) p-Isopropyltoluene	13.233	119	300450	20.43	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	158426	20.57	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	161433	20.43	ug/l	98
89) n-Butylbenzene	13.557	91	256286	19.54	ug/l	99
90) Hexachloroethane	13.815	117	44956	19.04	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	160358	21.14	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.211	75	27190	20.48	ug/l	90
93) 1,2,4-Trichlorobenzene	14.850	180	96043	20.85	ug/l	99
94) Hexachlorobutadiene	14.949	225	52309	20.03	ug/l	99
95) Naphthalene	15.070	128	332420	23.95	ug/l	100
96) 1,2,3-Trichlorobenzene	15.249	180	90714	19.35	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
Data File : VN066187.D
Acq On : 12 Mar 2021 17:28
Operator : JC/MD
Sample : VN0312WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:41:29 PM

Quant Time: Mar 13 02:41:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 12 13:00:23 2021
Response via : Initial Calibration

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

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

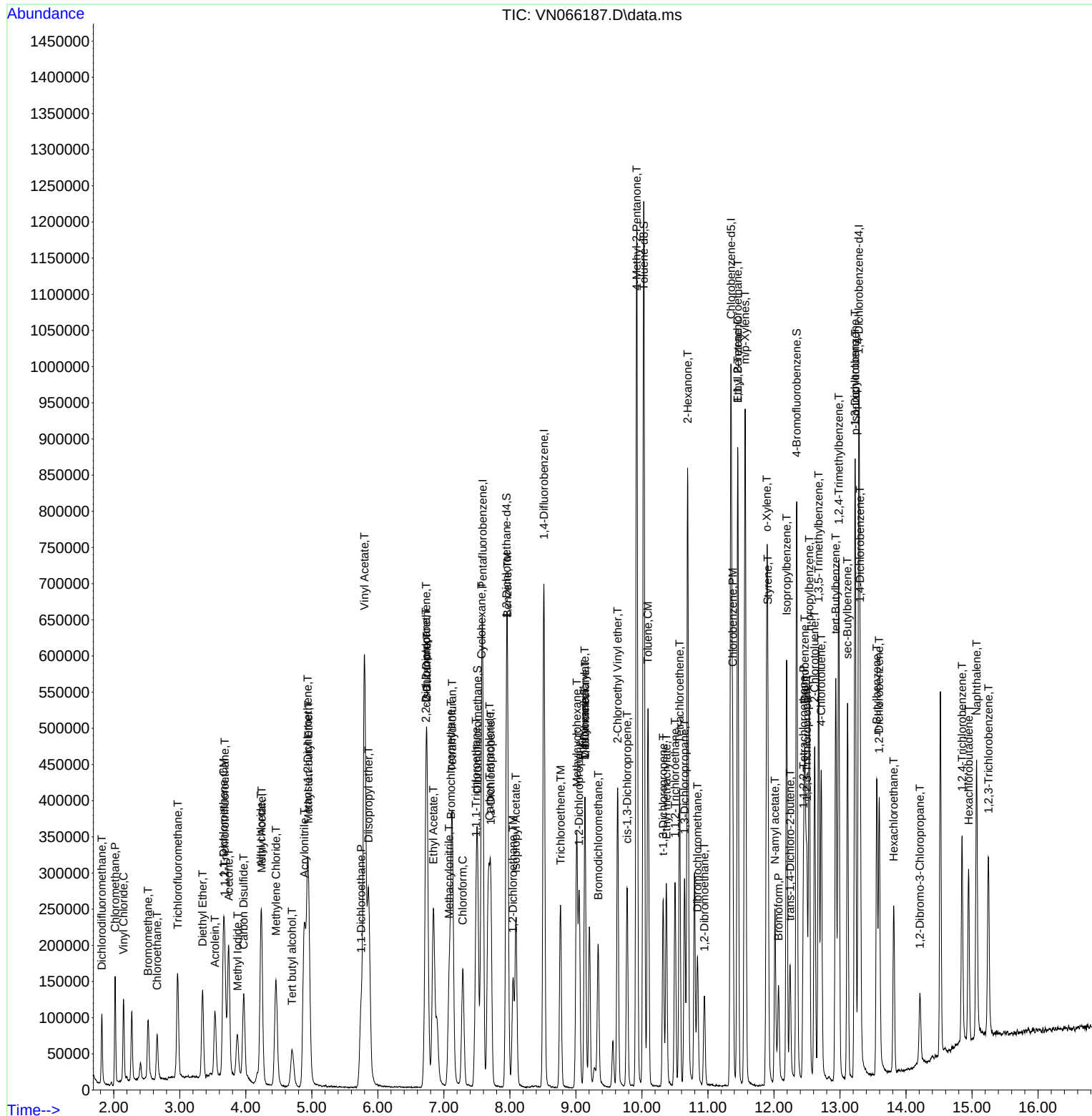
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066187.D
 Acq On : 12 Mar 2021 17:28
 Operator : JC/MD
 Sample : VN0312WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

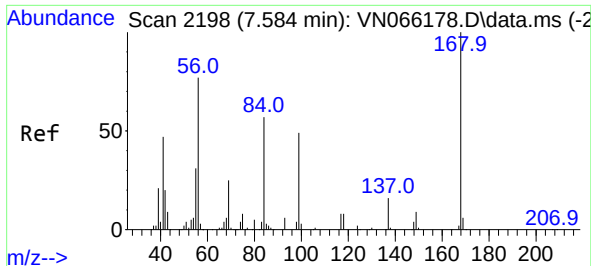
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

Manual Integrations
 APPROVED

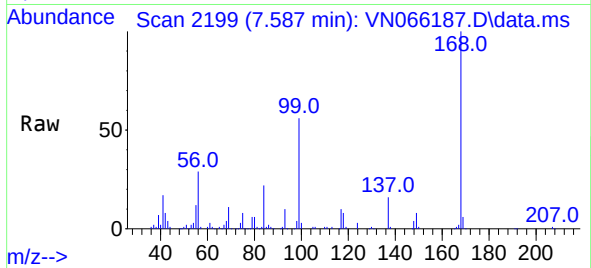
MMDadoda
 3/15/2021 12:41:29 PM

Quant Time: Mar 13 02:41:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

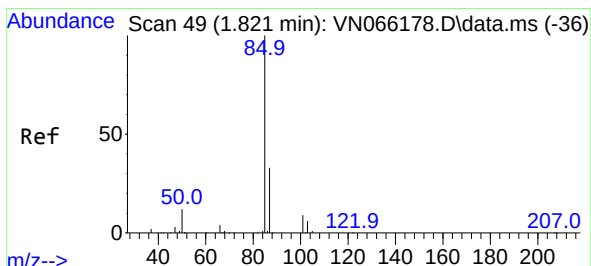
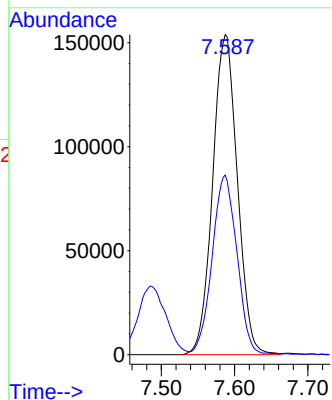
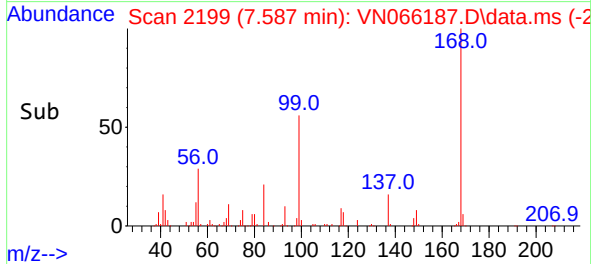




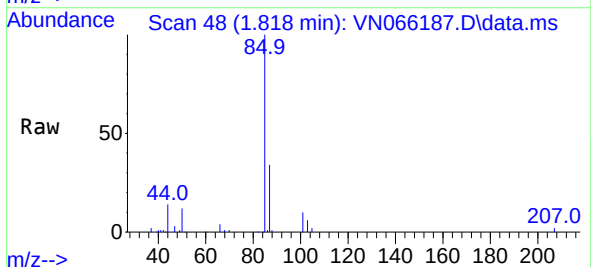
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



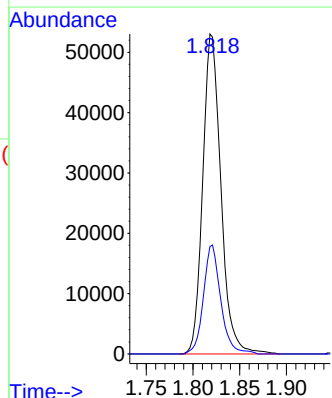
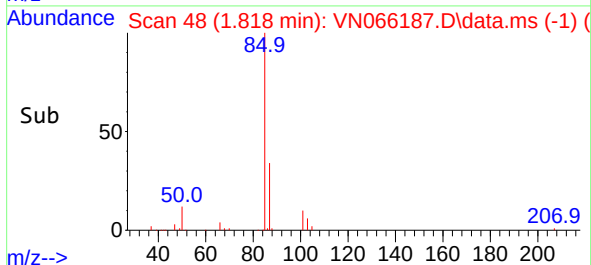
Tgt Ion:168 Resp: 360242
Ion Ratio Lower Upper
168 100
99 55.8 45.4 68.0



#2
Dichlorodifluoromethane
Concen: 18.57 ug/l
RT: 1.818 min Scan# 48
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



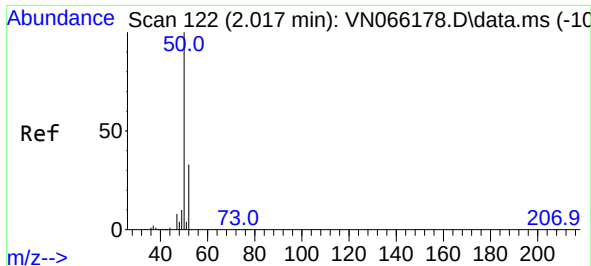
Tgt Ion: 85 Resp: 71841
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.2



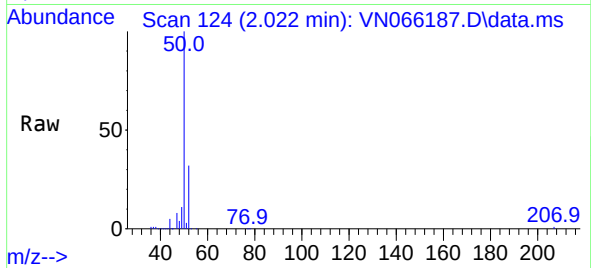
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

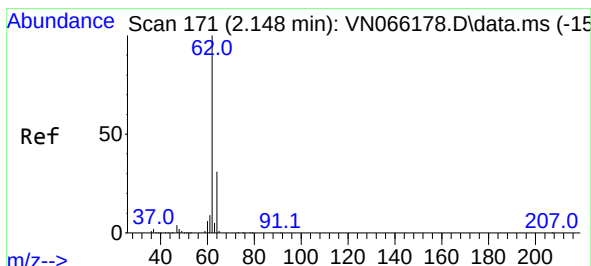
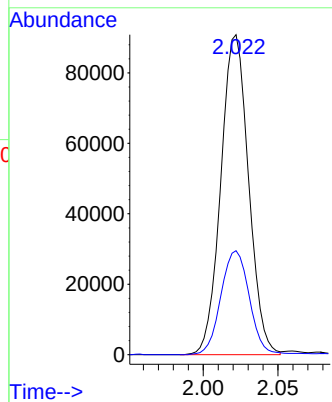
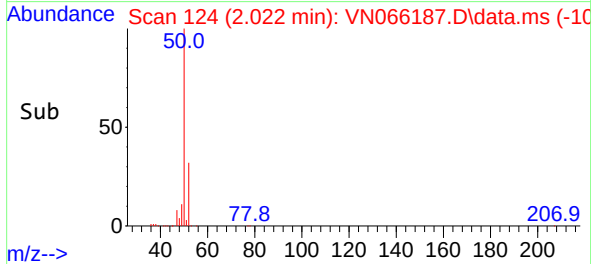
MMDadoda
3/15/2021 12:41:29 PM



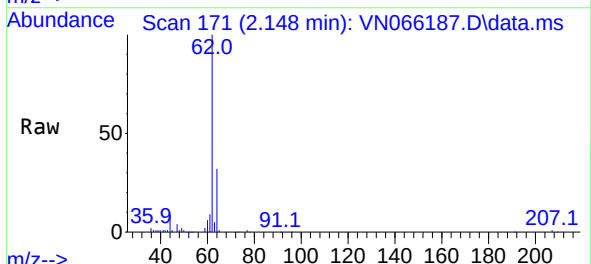
#3
Chloromethane
Concen: 19.02 ug/l
RT: 2.022 min Scan# 124
Delta R.T. 0.005 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



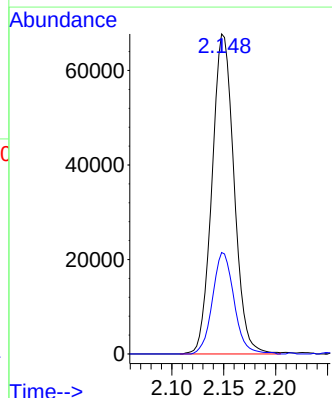
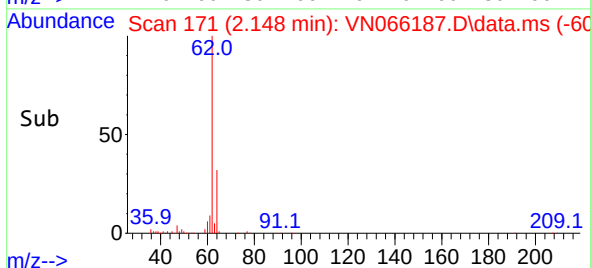
Tgt Ion: 50 Resp: 117353
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.4



#4
Vinyl Chloride
Concen: 18.81 ug/l
RT: 2.148 min Scan# 171
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



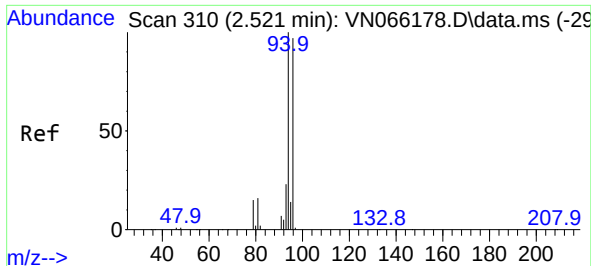
Tgt Ion: 62 Resp: 100077
Ion Ratio Lower Upper
62 100
64 31.7 24.9 37.3



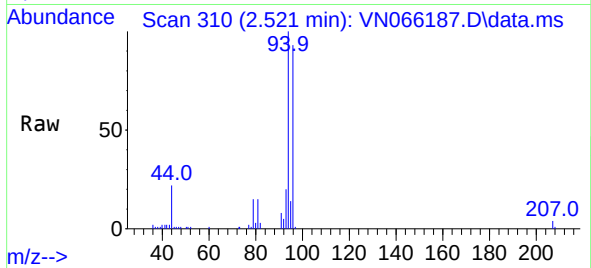
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

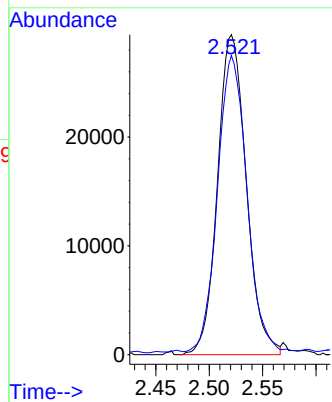
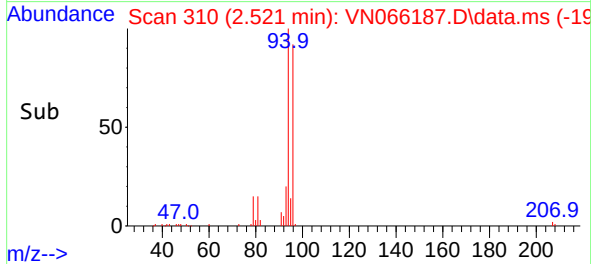
MMDadoda
3/15/2021 12:41:29 PM



#5
Bromomethane
Concen: 17.83 ug/l
RT: 2.521 min Scan# 310
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



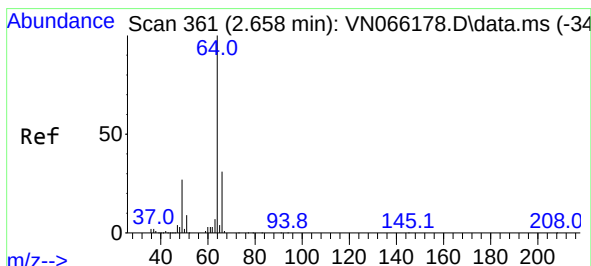
Tgt Ion: 94 Resp: 55217
Ion Ratio Lower Upper
94 100
96 92.3 77.3 115.9



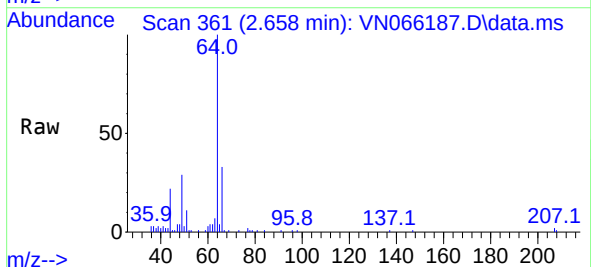
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

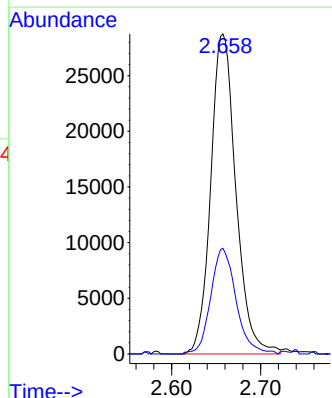
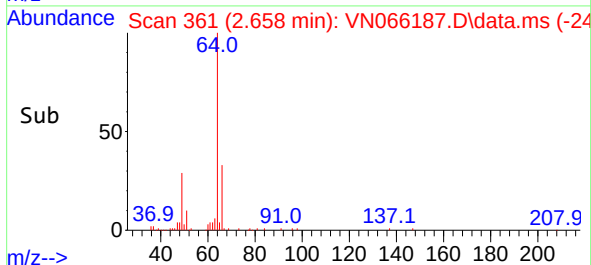
MMDadoda
3/15/2021 12:41:29 PM

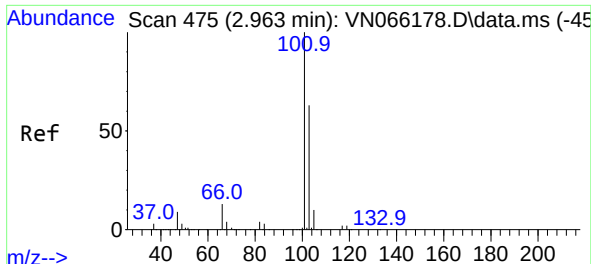


#6
Chloroethane
Concen: 18.32 ug/l
RT: 2.658 min Scan# 361
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



Tgt Ion: 64 Resp: 56537
Ion Ratio Lower Upper
64 100
66 33.0 24.8 37.2





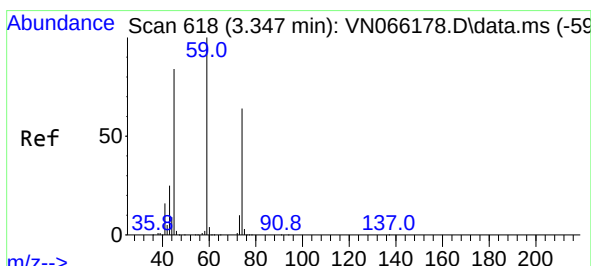
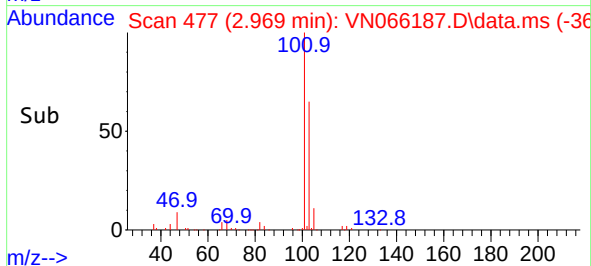
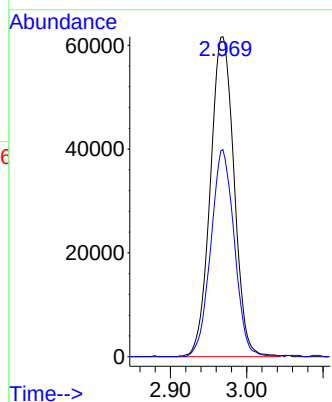
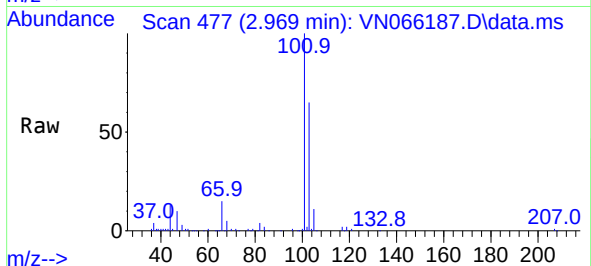
#7
Trichlorofluoromethane
Concen: 21.34 ug/l
RT: 2.969 min Scan# 477
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:101 Resp: 133062
Ion Ratio Lower Upper
101 100
103 64.4 50.3 75.5

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

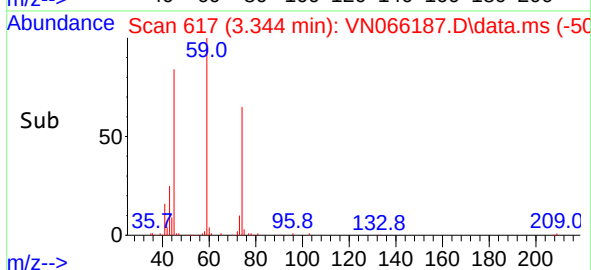
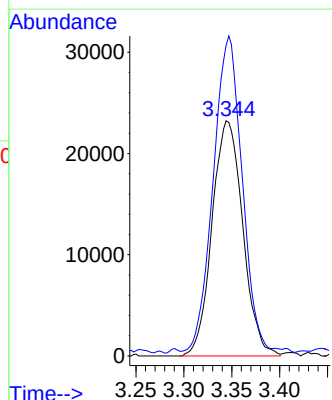
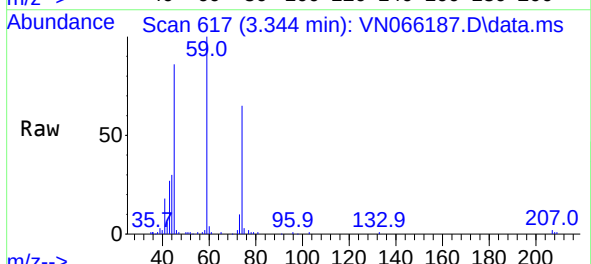
Manual Integrations
APPROVED

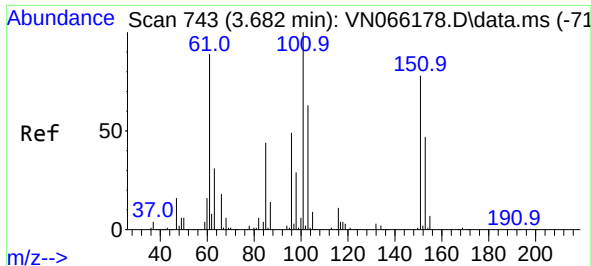
MMDadoda
3/15/2021 12:41:29 PM



#8
Diethyl Ether
Concen: 20.95 ug/l
RT: 3.344 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 74 Resp: 51698
Ion Ratio Lower Upper
74 100
45 125.3 66.1 198.4





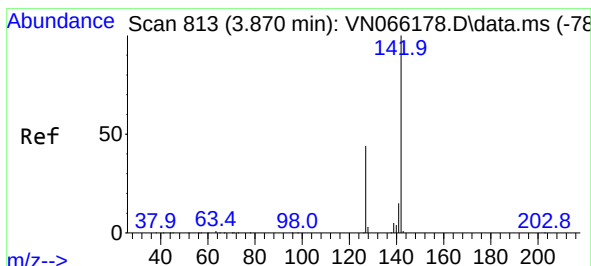
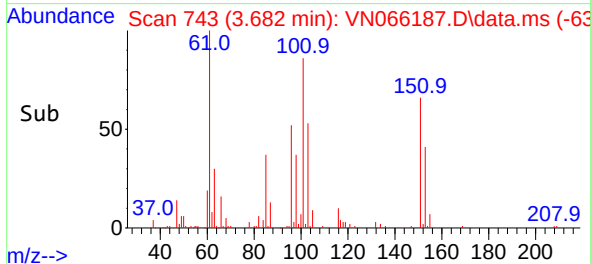
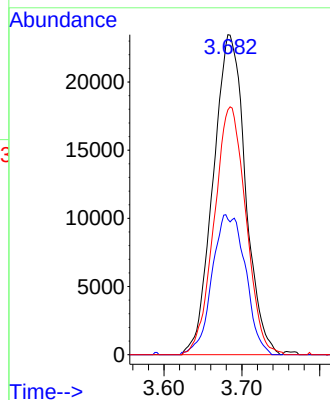
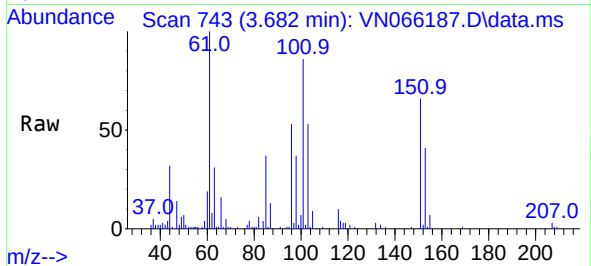
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.99 ug/l
RT: 3.682 min Scan# 743
Delta R.T. -0.006 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:101 Resp: 67380
Ion Ratio Lower Upper
101 100
85 25.0 36.6 54.8#
151 76.4 61.0 91.6

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

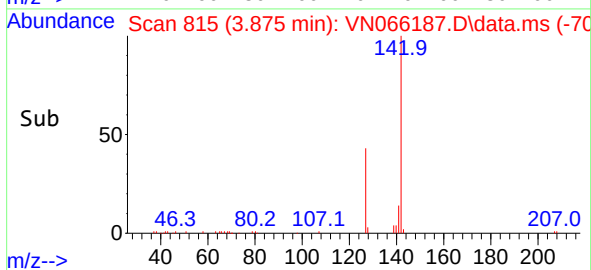
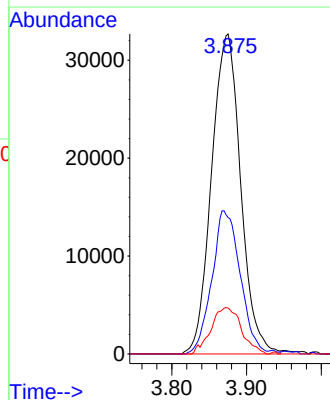
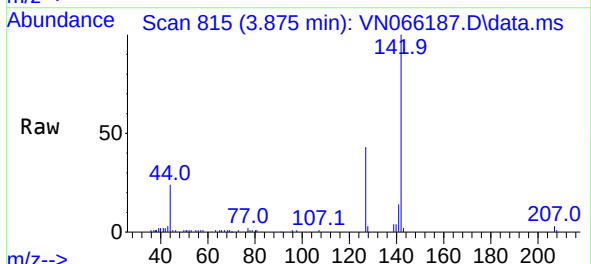
Manual Integrations
APPROVED

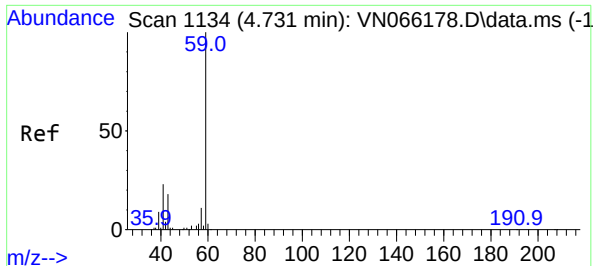
MMDadoda
3/15/2021 12:41:29 PM



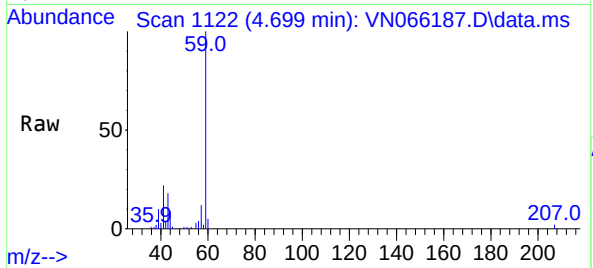
#10
Methyl Iodide
Concen: 20.79 ug/l
RT: 3.875 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:142 Resp: 88321
Ion Ratio Lower Upper
142 100
127 43.6 35.9 53.9
141 15.2 11.8 17.8

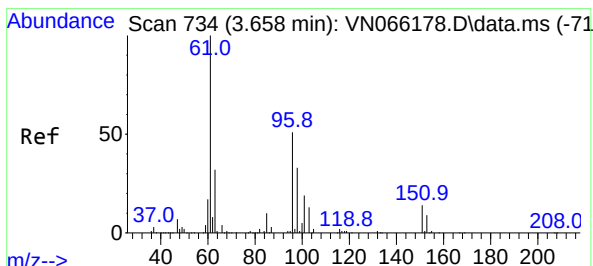
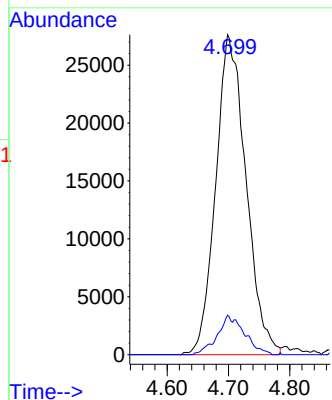
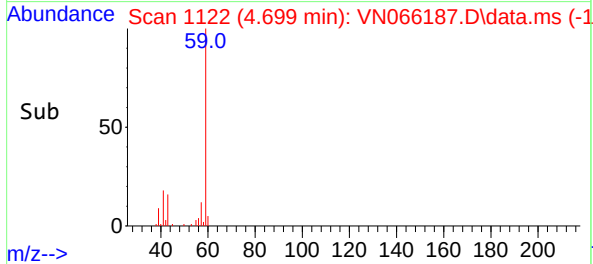




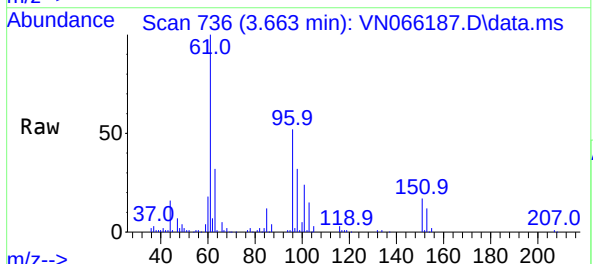
#11
Tert butyl alcohol
Concen: 106.16 ug/l
RT: 4.699 min Scan# 1122
Delta R.T. -0.024 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



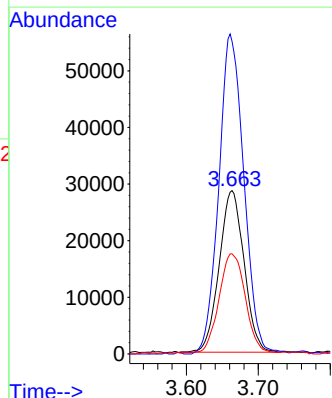
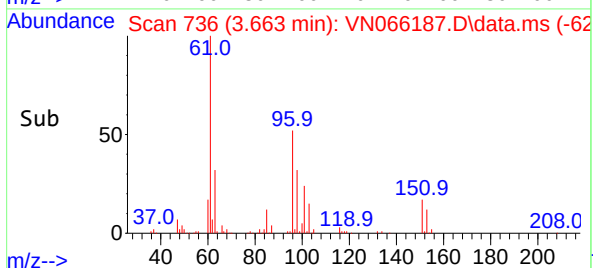
Tgt Ion: 59 Resp: 94667
Ion Ratio Lower Upper
59 100
57 6.1 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 20.48 ug/l
RT: 3.663 min Scan# 736
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



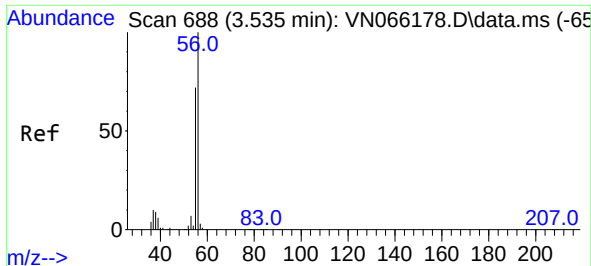
Tgt Ion: 96 Resp: 68491
Ion Ratio Lower Upper
96 100
61 192.6 155.4 233.2
98 61.4 50.8 76.2



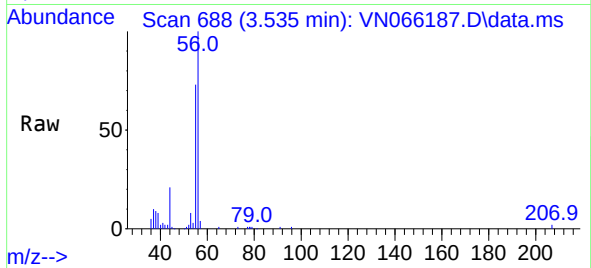
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

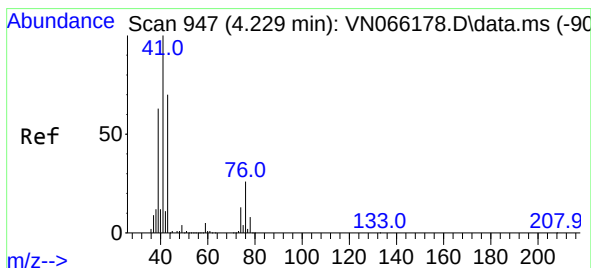
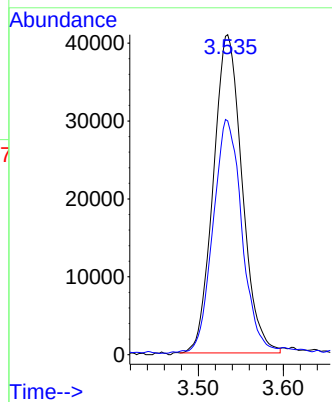
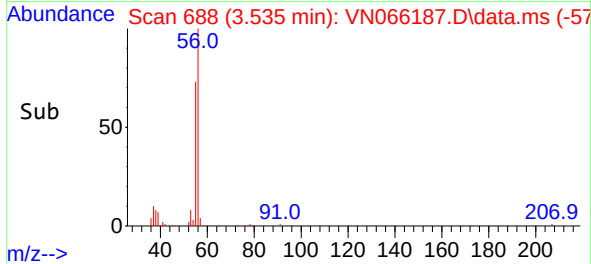
MMDadoda
3/15/2021 12:41:29 PM



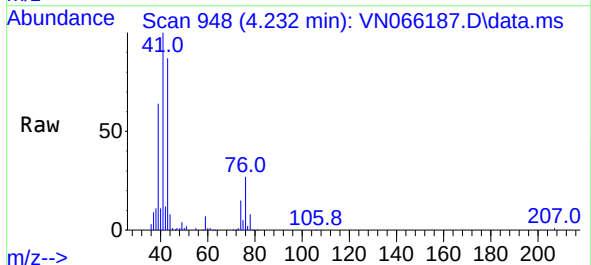
#13
Acrolein
Concen: 91.52 ug/l
RT: 3.535 min Scan# 688
Delta R.T. -0.002 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



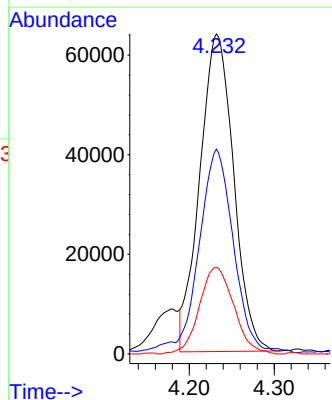
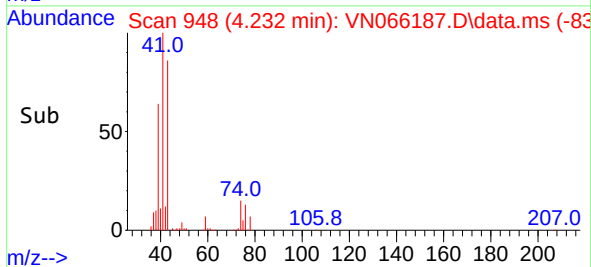
Tgt Ion: 56 Resp: 96331
Ion Ratio Lower Upper
56 100
55 73.9 58.0 87.0



#14
Allyl chloride
Concen: 19.69 ug/l
RT: 4.232 min Scan# 948
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



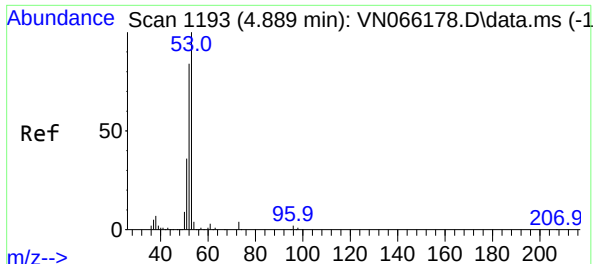
Tgt Ion: 41 Resp: 176951
Ion Ratio Lower Upper
41 100
39 60.6 46.4 69.6
76 27.7 18.8 28.2



Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:41:29 PM

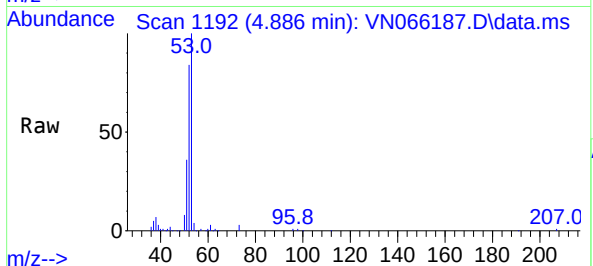


#15
Acrylonitrile
Concen: 110.66 ug/l
RT: 4.886 min Scan# 1192
Delta R.T. -0.006 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

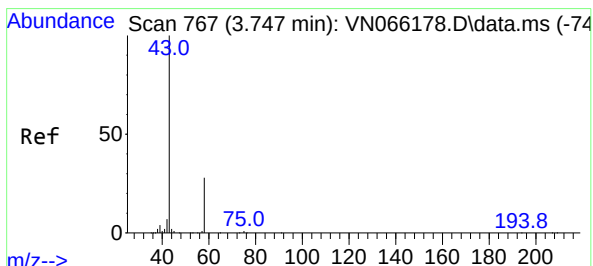
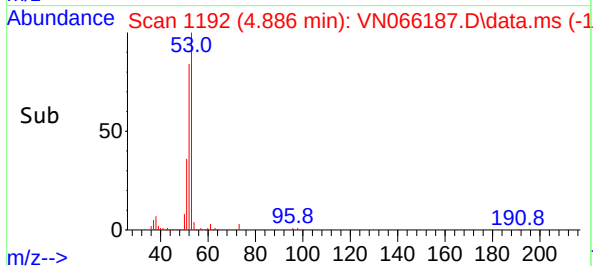
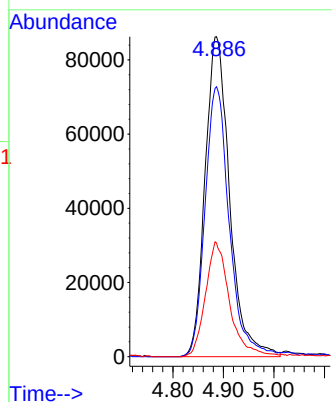
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:41:29 PM

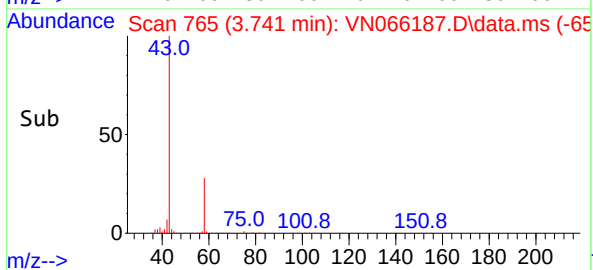
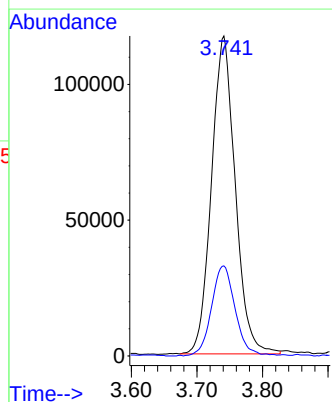
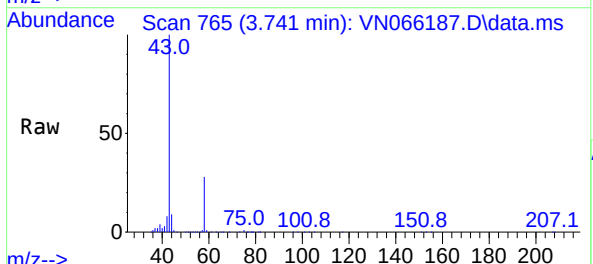


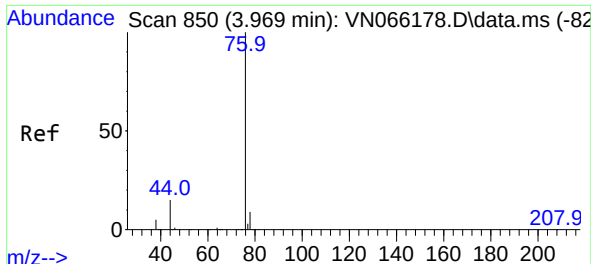
Tgt Ion: 53 Resp: 291324
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 35.3 28.5 42.7



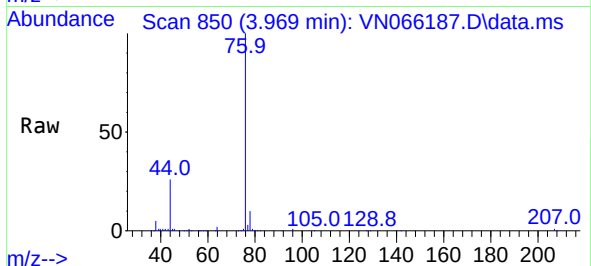
#16
Acetone
Concen: 115.43 ug/l
RT: 3.741 min Scan# 765
Delta R.T. -0.008 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 43 Resp: 294680
Ion Ratio Lower Upper
43 100
58 28.1 22.3 33.5

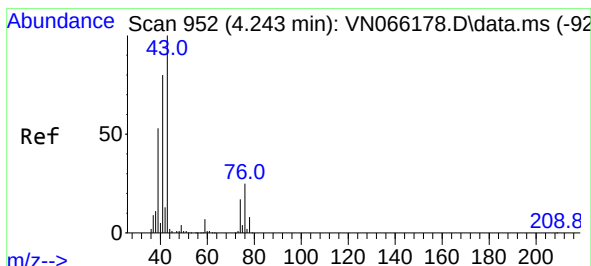
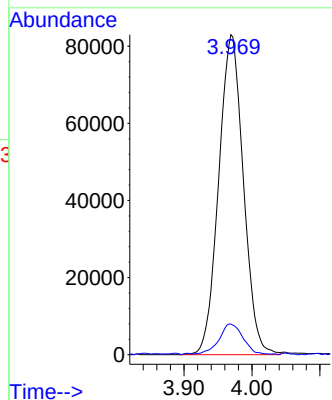
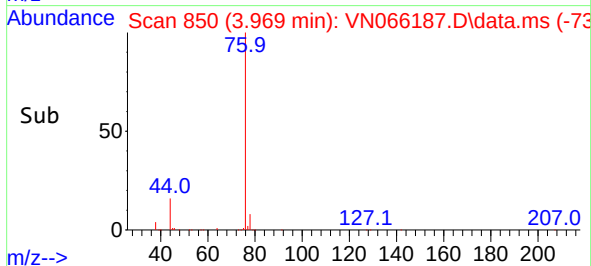




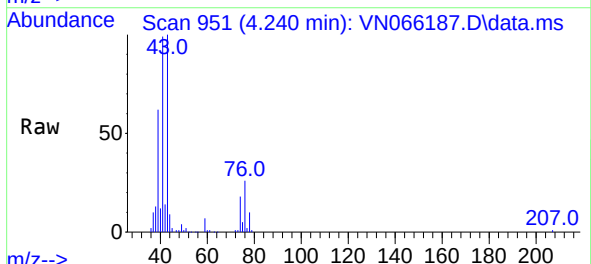
#17
Carbon Disulfide
Concen: 20.76 ug/l
RT: 3.969 min Scan# 850
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



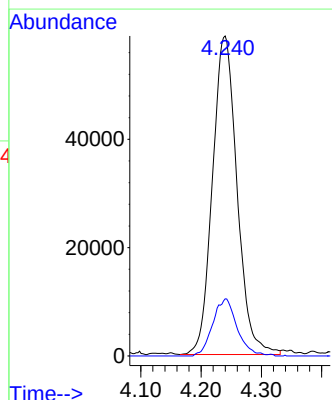
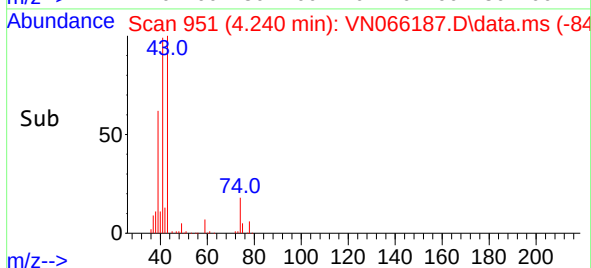
Tgt Ion: 76 Resp: 209474
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 23.27 ug/l
RT: 4.240 min Scan# 951
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



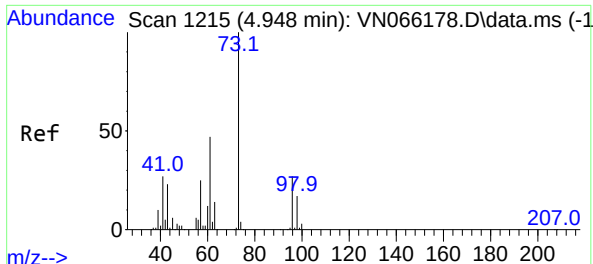
Tgt Ion: 43 Resp: 166777
Ion Ratio Lower Upper
43 100
74 17.7 14.2 21.2



Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:41:29 PM



#19

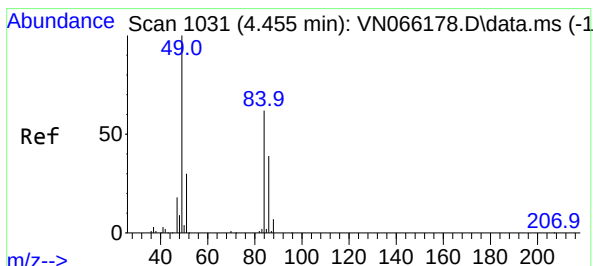
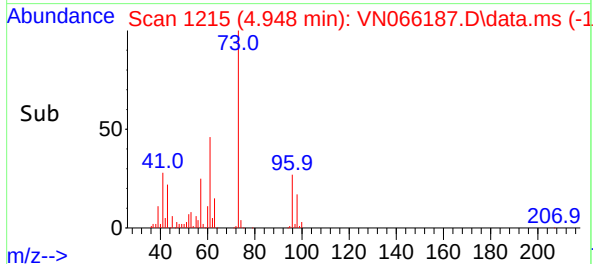
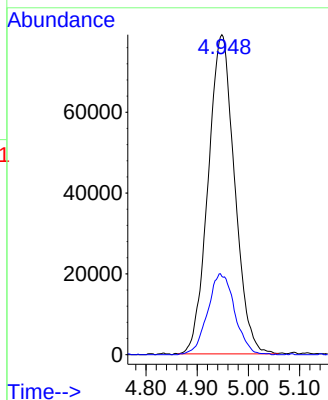
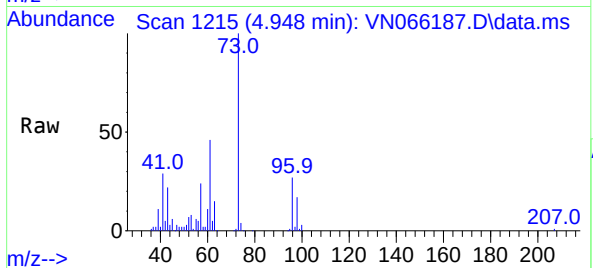
Methyl tert-butyl Ether
Concen: 21.63 ug/l
RT: 4.948 min Scan# 1215
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 73 Resp: 283416
Ion Ratio Lower Upper
73 100
57 24.5 20.3 30.5

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

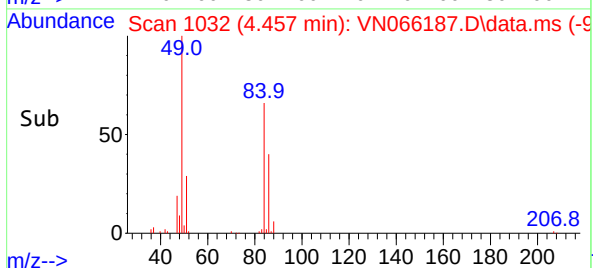
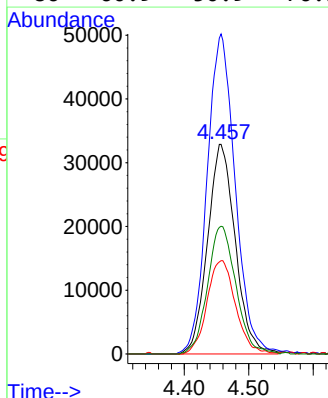
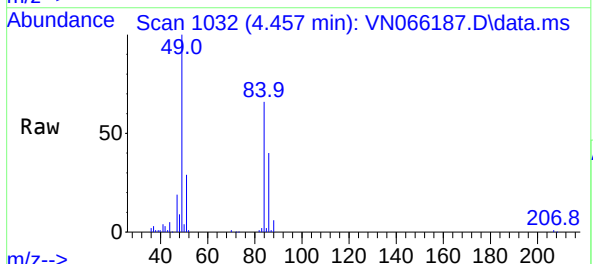
MMDadoda
3/15/2021 12:41:29 PM

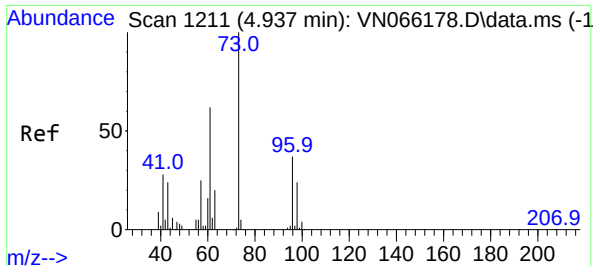


#20

Methylene Chloride
Concen: 22.81 ug/l
RT: 4.457 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

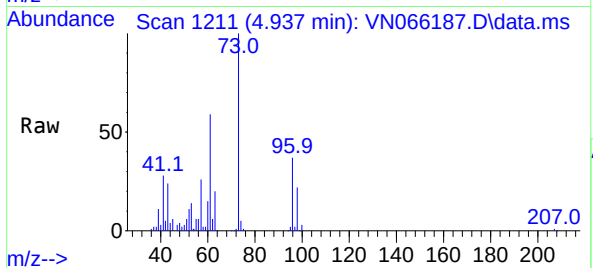
Tgt Ion: 84 Resp: 98264
Ion Ratio Lower Upper
84 100
49 152.1 130.0 195.0
51 44.5 39.1 58.7
86 60.9 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 21.39 ug/l
RT: 4.937 min Scan# 1211
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

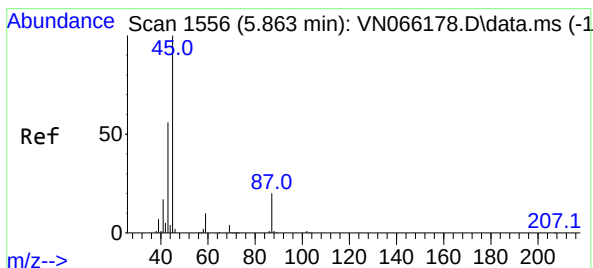
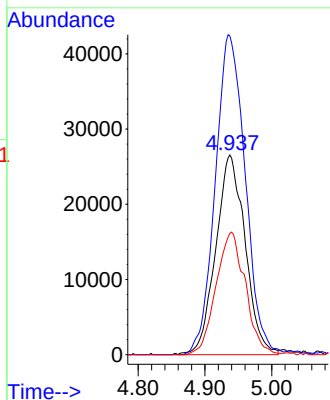
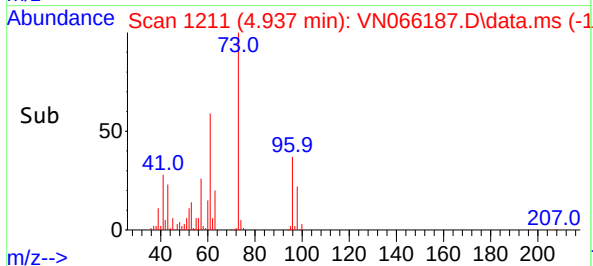
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01



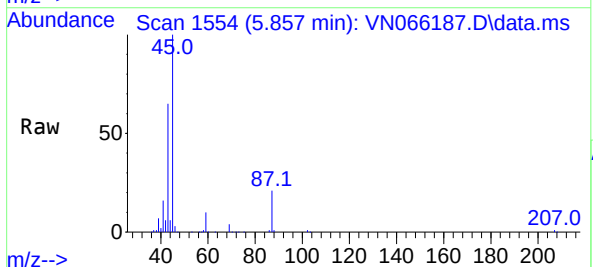
Tgt Ion: 96 Resp: 81172
Ion Ratio Lower Upper
96 100
61 159.7 133.2 199.8
98 60.7 52.0 78.0

Manual Integrations
APPROVED

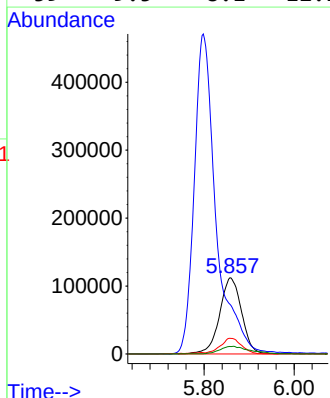
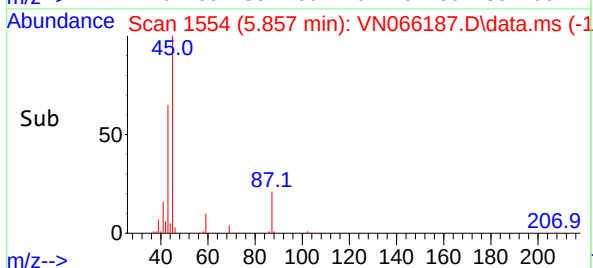
MMDadoda
3/15/2021 12:41:29 PM

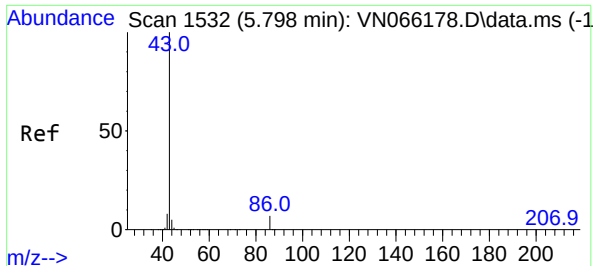


#22
Diisopropyl ether
Concen: 21.62 ug/l
RT: 5.857 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



Tgt Ion: 45 Resp: 380040
Ion Ratio Lower Upper
45 100
43 63.2 45.0 67.4
87 20.5 16.4 24.6
59 9.5 8.1 12.1



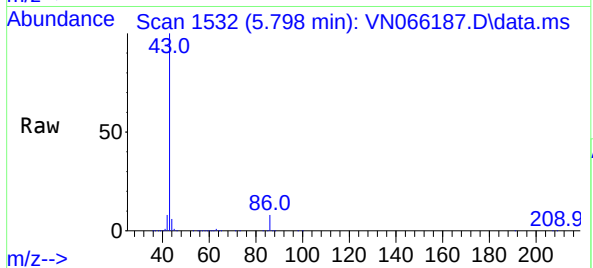


#23
 Vinyl Acetate
 Concen: 108.14 ug/l
 RT: 5.798 min Scan# 1532
 Delta R.T. -0.006 min
 Lab File: VN066187.D
 Acq: 12 Mar 2021 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

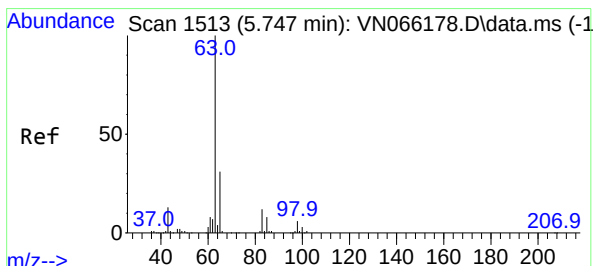
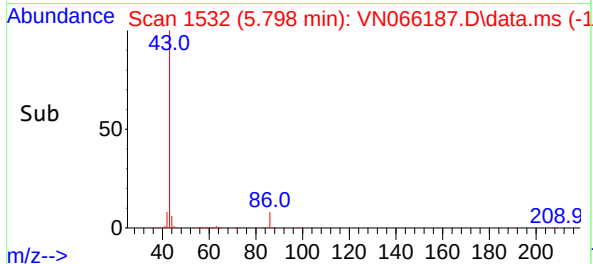
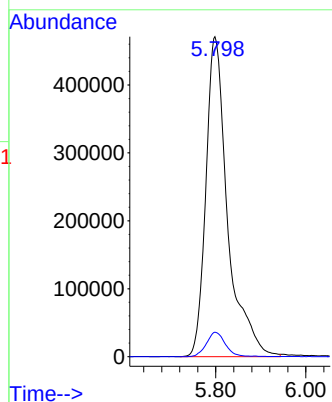
Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:41:29 PM



Tgt Ion: 43 Resp: 1577601

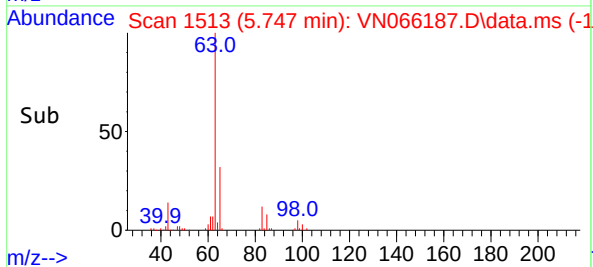
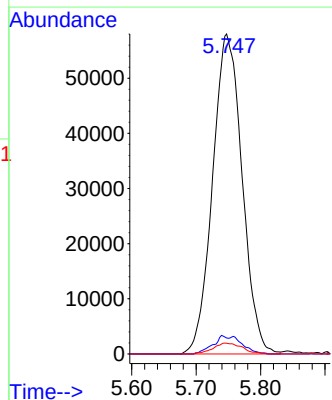
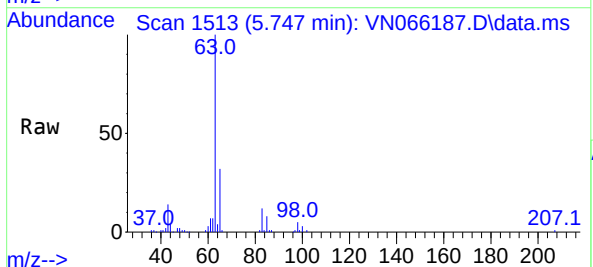
Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.8	8.6

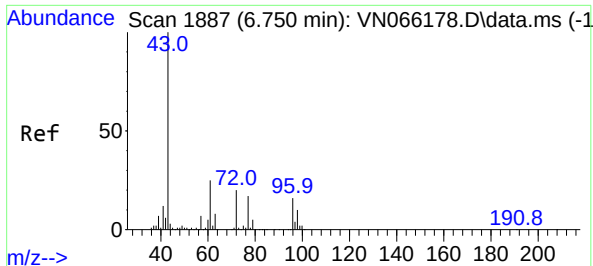


#24
 1,1-Dichloroethane
 Concen: 21.51 ug/l
 RT: 5.747 min Scan# 1513
 Delta R.T. -0.006 min
 Lab File: VN066187.D
 Acq: 12 Mar 2021 17:28

Tgt Ion: 63 Resp: 184481

Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.9	8.6
100	3.3	1.7	5.0



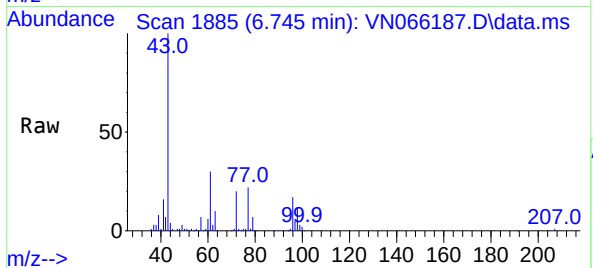


#25
2-Butanone
Concen: 101.58 ug/l
RT: 6.745 min Scan# 1885
Delta R.T. -0.005 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

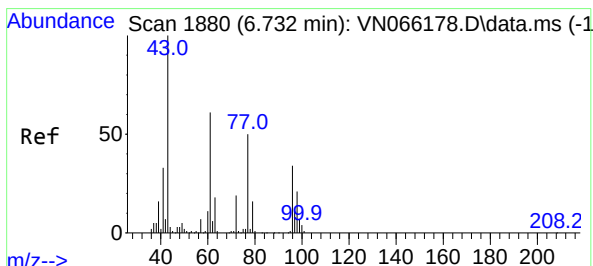
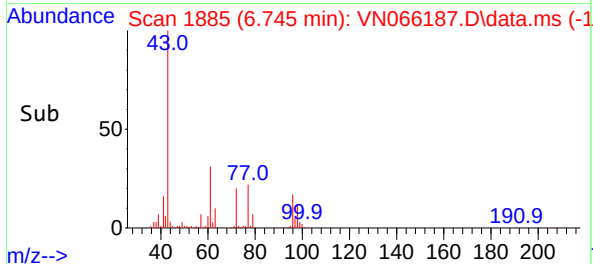
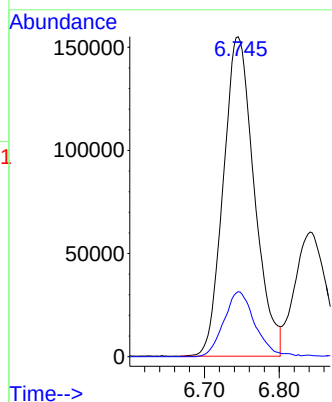
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:41:29 PM

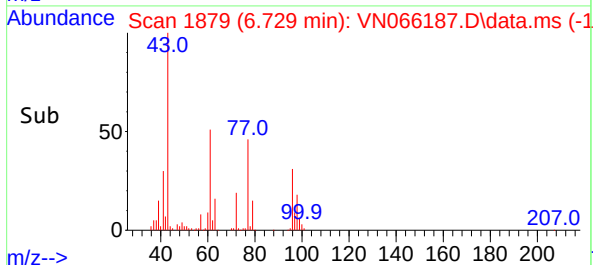
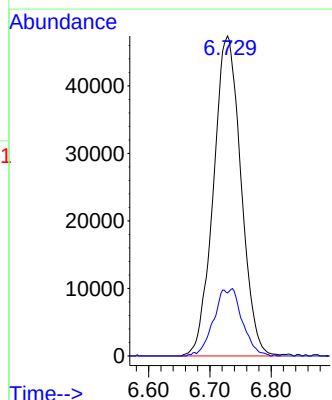
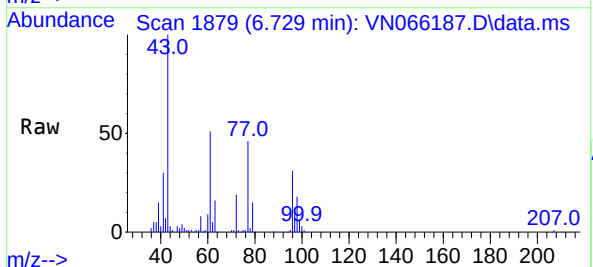


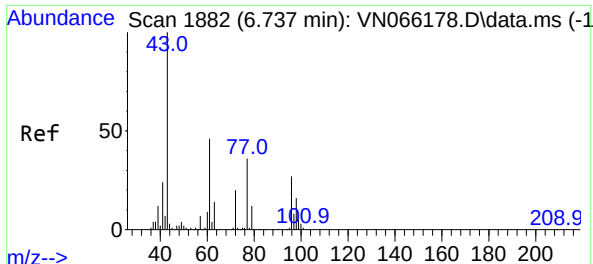
Tgt Ion: 43 Resp: 445230
Ion Ratio Lower Upper
43 100
72 20.3 16.2 24.2



#26
2,2-Dichloropropane
Concen: 19.71 ug/l
RT: 6.729 min Scan# 1879
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

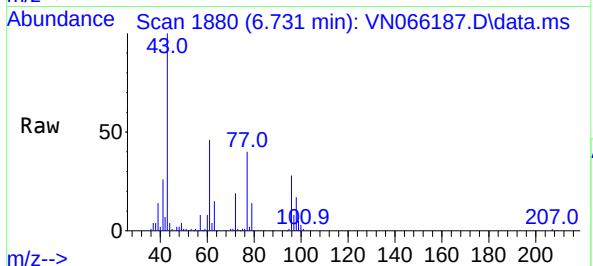
Tgt Ion: 77 Resp: 147820
Ion Ratio Lower Upper
77 100
97 11.0 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 20.36 ug/l
RT: 6.731 min Scan# 1880
Delta R.T. -0.009 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

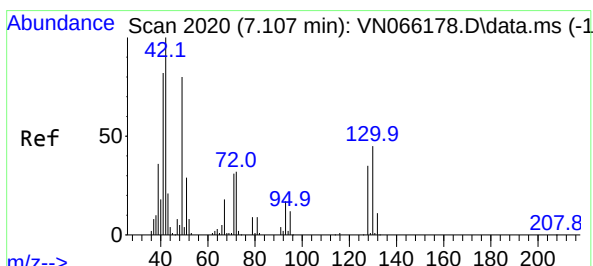
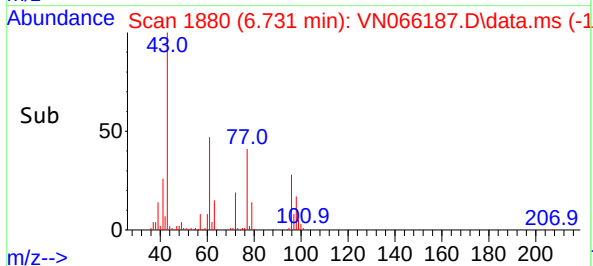
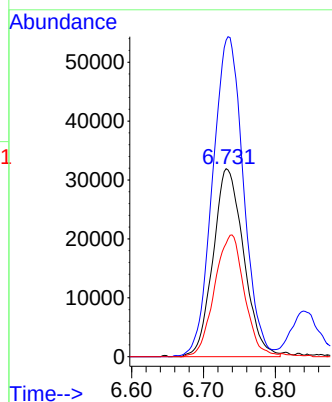
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01



Tgt Ion: 96 Resp: 94213
Ion Ratio Lower Upper
96 100
61 171.3 0.0 350.8
98 63.3 0.0 125.0

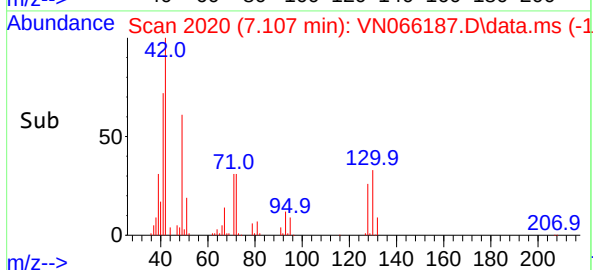
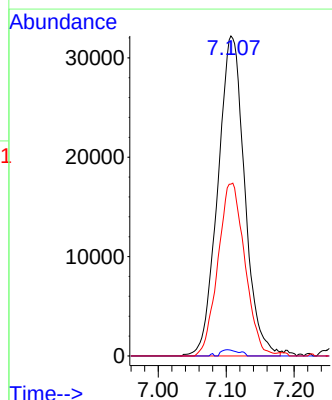
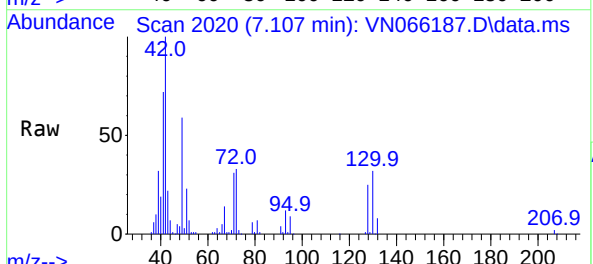
Manual Integrations
APPROVED

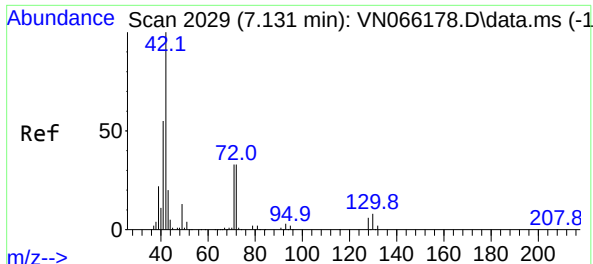
MMDadoda
3/15/2021 12:41:29 PM



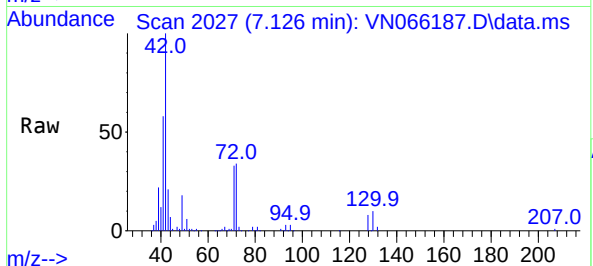
#28
Bromochloromethane
Concen: 18.34 ug/l
RT: 7.107 min Scan# 2020
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 49 Resp: 88283
Ion Ratio Lower Upper
49 100
129 1.0 0.0 2.4
130 54.2 43.6 65.4



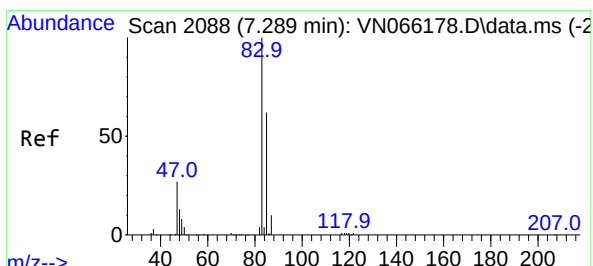
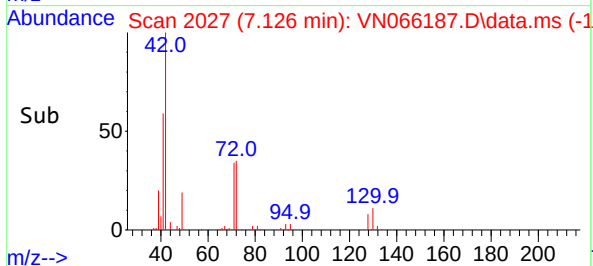
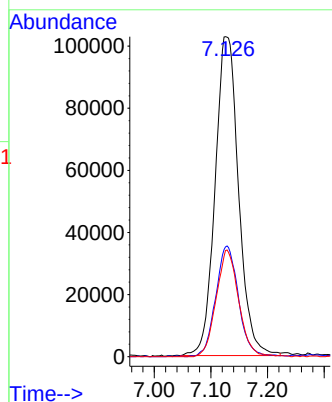


#29
Tetrahydrofuran
Concen: 101.60 ug/l
RT: 7.126 min Scan# 2027
Delta R.T. -0.005 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

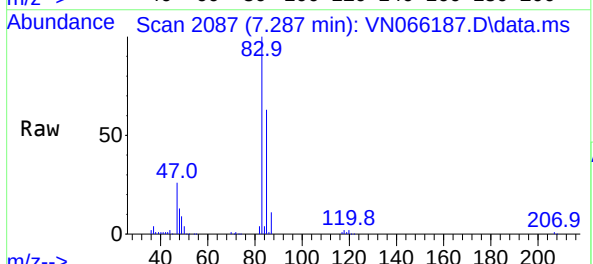


Tgt Ion: 42 Resp: 296281

Ion	Ratio	Lower	Upper
42	100		
72	33.5	26.2	39.4
71	31.8	25.4	38.2

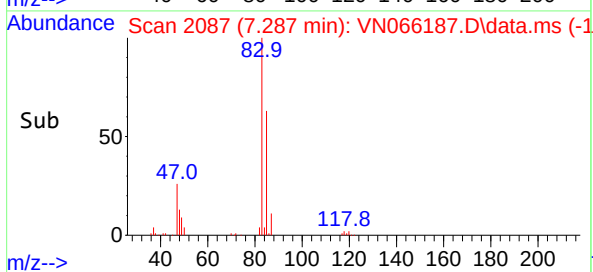
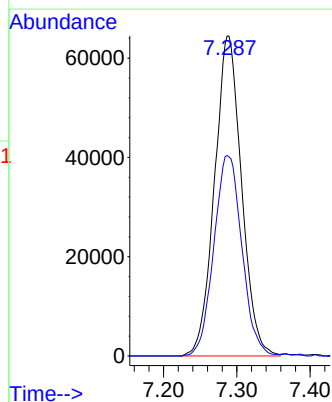


#30
Chloroform
Concen: 20.13 ug/l
RT: 7.287 min Scan# 2087
Delta R.T. -0.005 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



Tgt Ion: 83 Resp: 165303

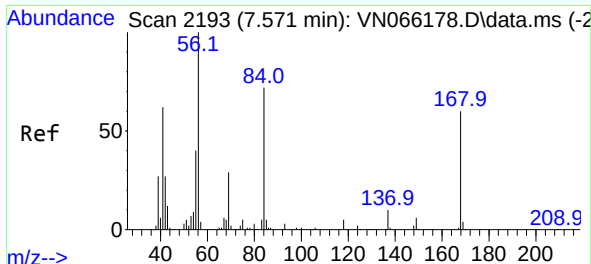
Ion	Ratio	Lower	Upper
83	100		
85	62.7	49.9	74.9



Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

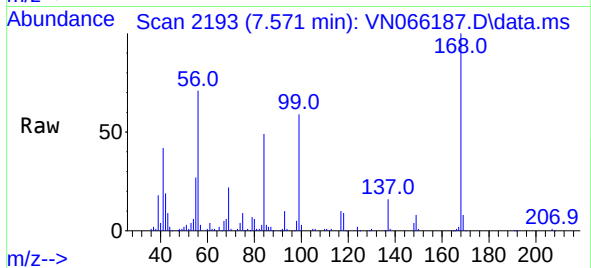
Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:41:29 PM



#31
Cyclohexane
Concen: 19.58 ug/l
RT: 7.571 min Scan# 2193
Delta R.T. -0.005 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

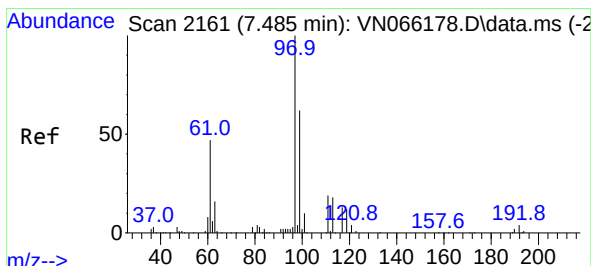
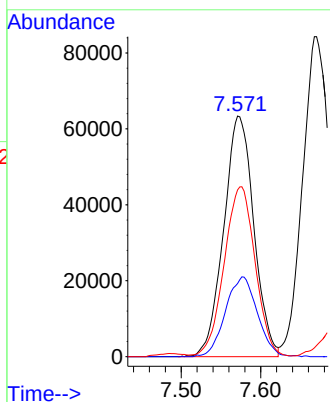
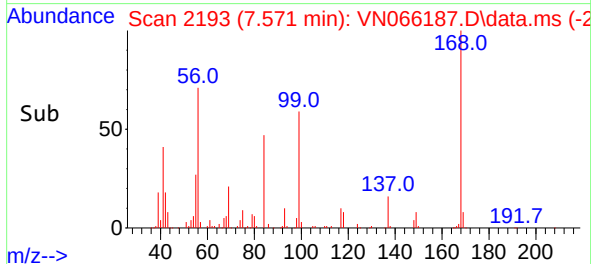
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01



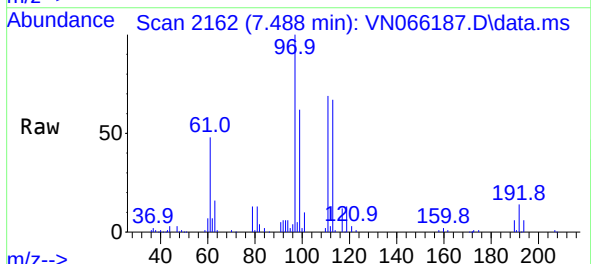
Tgt Ion: 56 Resp: 167044
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.0
84 68.3 57.8 86.6

Manual Integrations
APPROVED

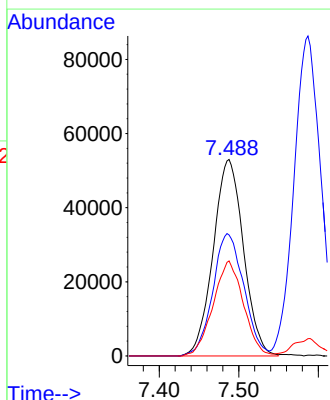
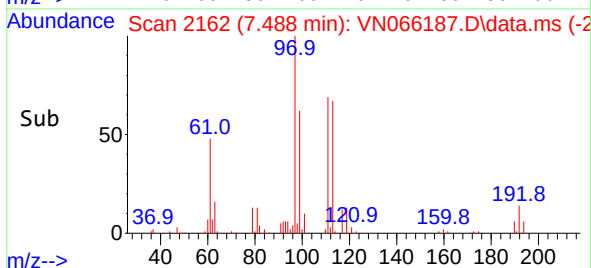
MMDadoda
3/15/2021 12:41:29 PM

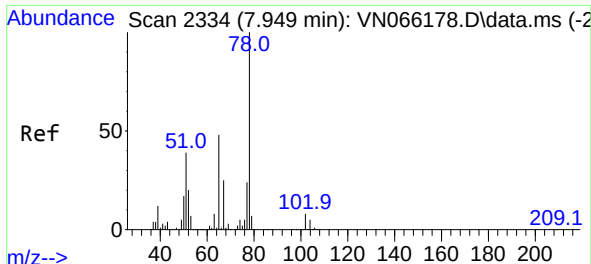


#32
1,1,1-Trichloroethane
Concen: 20.06 ug/l
RT: 7.488 min Scan# 2162
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



Tgt Ion: 97 Resp: 140451
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 48.3 38.6 57.8





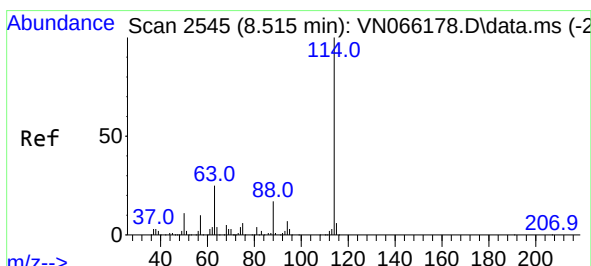
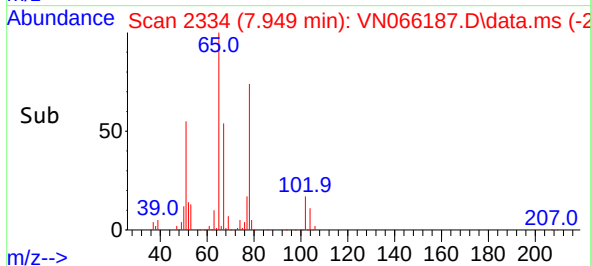
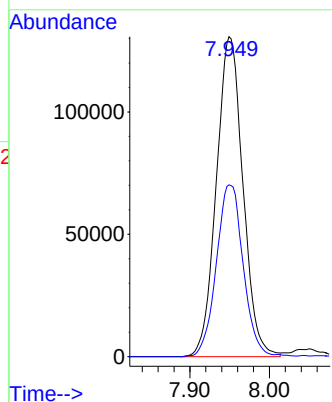
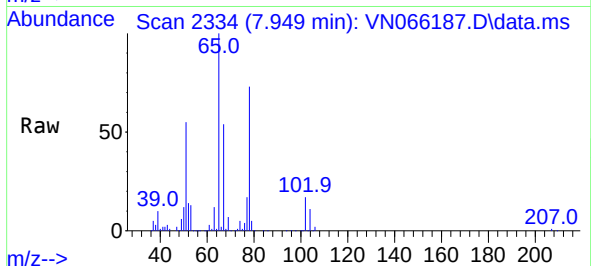
#33
1,2-Dichloroethane-d4
Concen: 52.24 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 65 Resp: 303634
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.2

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

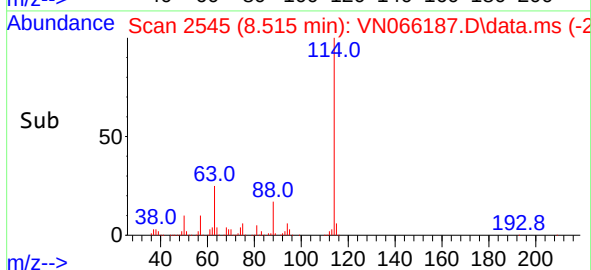
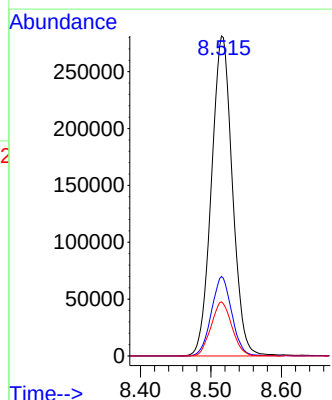
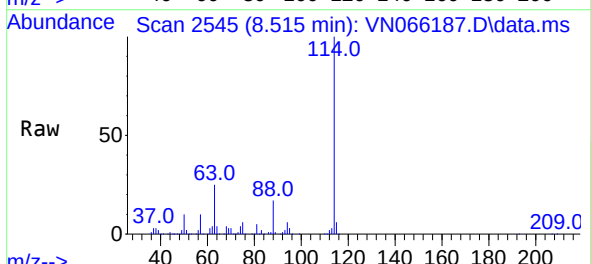
Manual Integrations
APPROVED

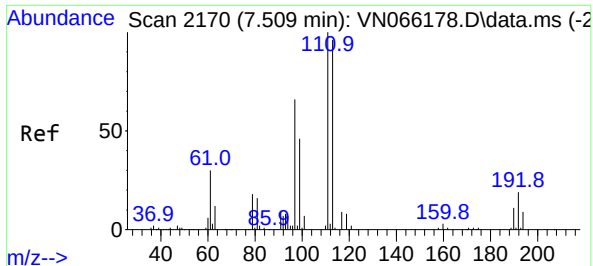
MMDadoda
3/15/2021 12:41:29 PM



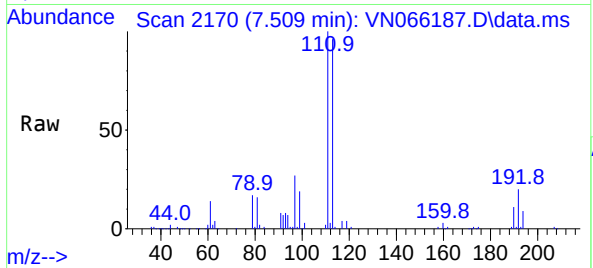
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 114 Resp: 580142
Ion Ratio Lower Upper
114 100
63 24.8 0.0 49.2
88 16.9 0.0 33.8

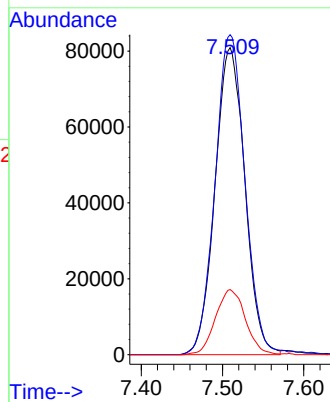
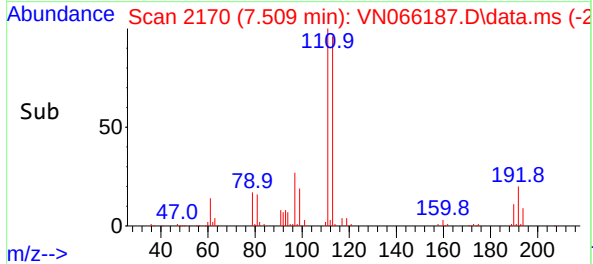




#35
Dibromofluoromethane
Concen: 52.79 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



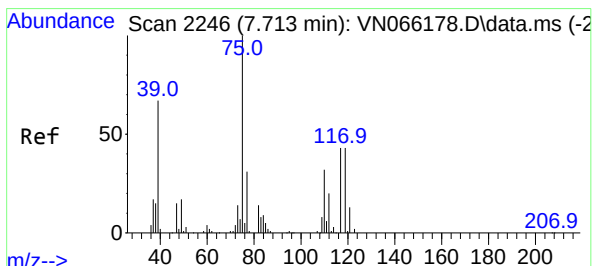
Tgt Ion: 113 Resp: 206618
Ion Ratio Lower Upper
113 100
111 104.4 84.0 126.0
192 21.2 16.7 25.1



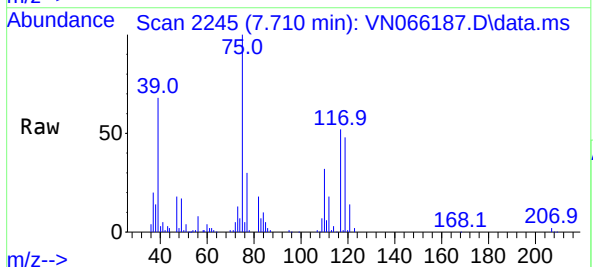
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

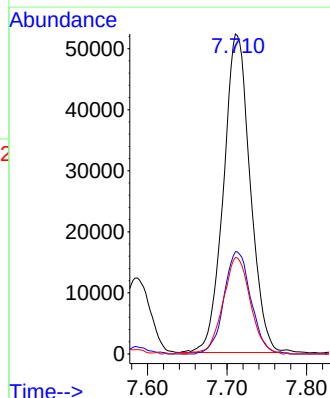
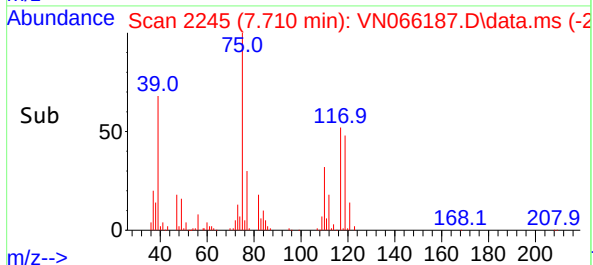
MMDadoda
3/15/2021 12:41:29 PM

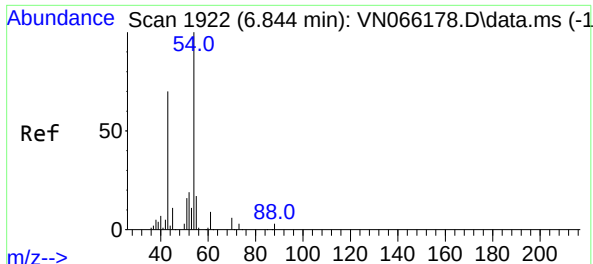


#36
1,1-Dichloropropene
Concen: 19.82 ug/l
RT: 7.710 min Scan# 2245
Delta R.T. -0.006 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



Tgt Ion: 75 Resp: 121513
Ion Ratio Lower Upper
75 100
110 32.6 16.0 48.0
77 31.3 24.9 37.3





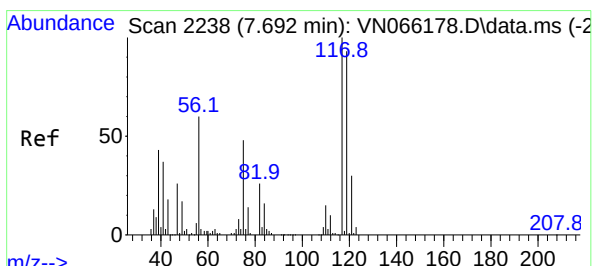
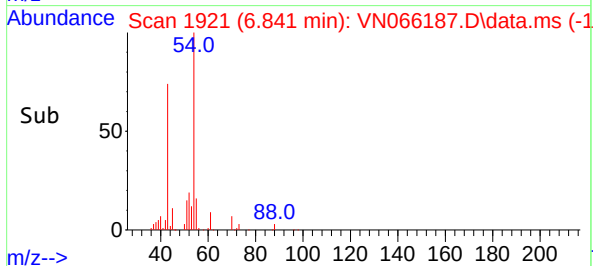
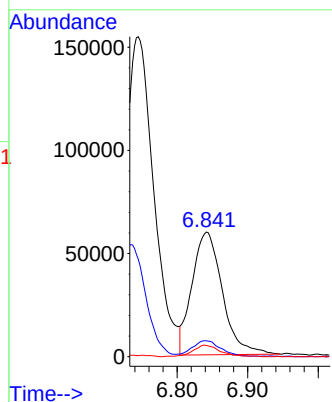
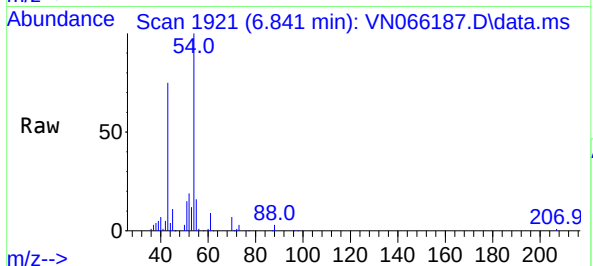
#37
Ethyl Acetate
Concen: 20.85 ug/l
RT: 6.841 min Scan# 1921
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:	43	Resp:	178305
Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.2	13.8
70	7.6	6.1	9.1

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

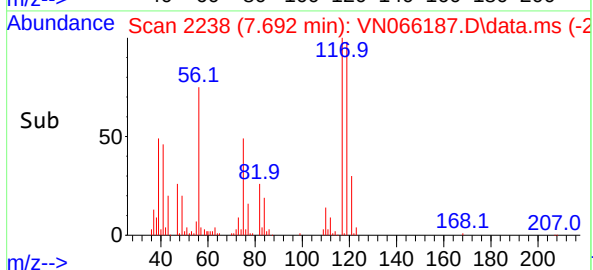
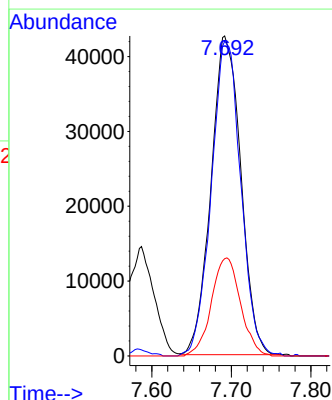
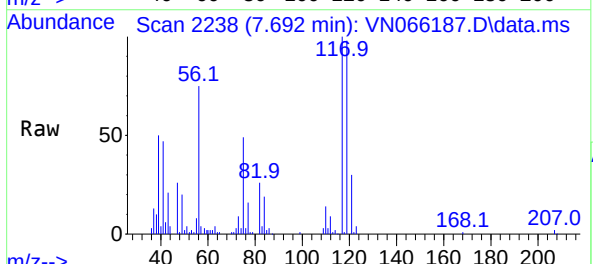
Manual Integrations
APPROVED

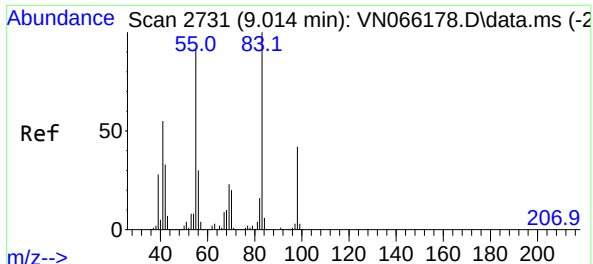
MMDadoda
3/15/2021 12:41:29 PM



#38
Carbon Tetrachloride
Concen: 19.38 ug/l
RT: 7.692 min Scan# 2238
Delta R.T. -0.005 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:	117	Resp:	110810
Ion	Ratio	Lower	Upper
117	100		
119	98.3	74.6	111.8
121	30.5	23.9	35.9





#39

Methylcyclohexane

Concen: 19.15 ug/l

RT: 9.014 min Scan# 2731

Delta R.T. -0.000 min

Lab File: VN066187.D

Acq: 12 Mar 2021 17:28

Tgt Ion:	83	Resp:	136107
Ion	Ratio	Lower	Upper
83	100		
55	93.6	72.8	109.2
98	39.1	33.7	50.5

Instrument :

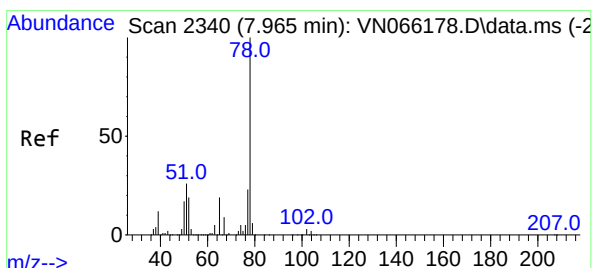
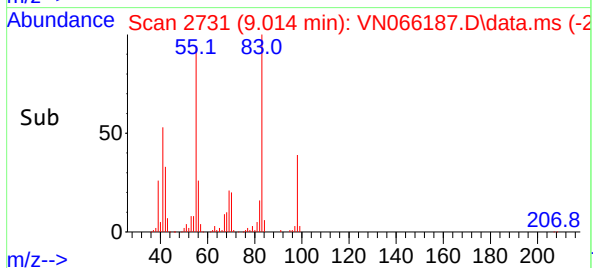
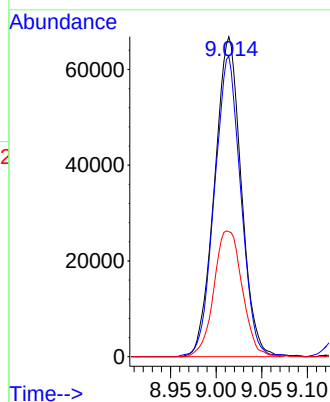
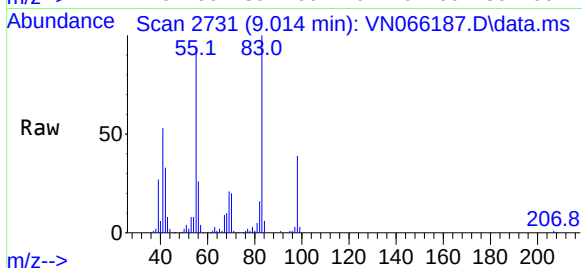
MSVOA_N

ClientSampleId :

VN0312WBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:41:29 PM



#40

Benzene

Concen: 20.25 ug/l

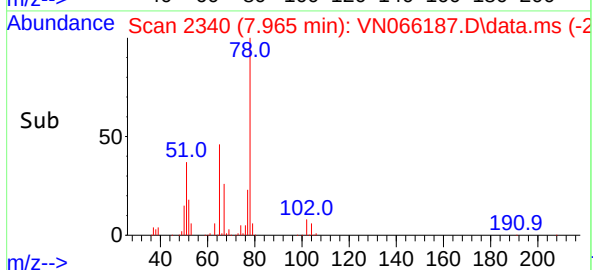
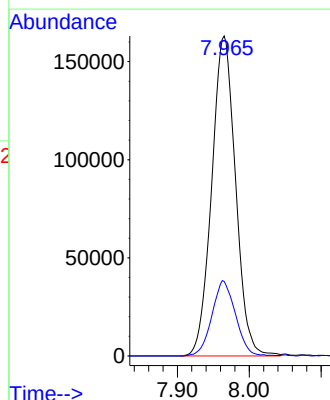
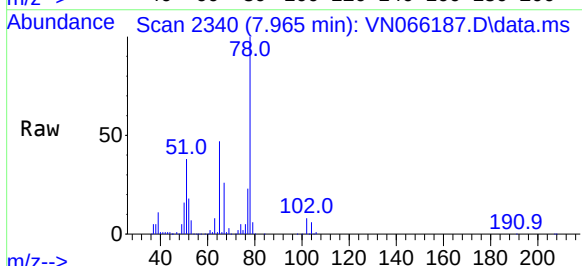
RT: 7.965 min Scan# 2340

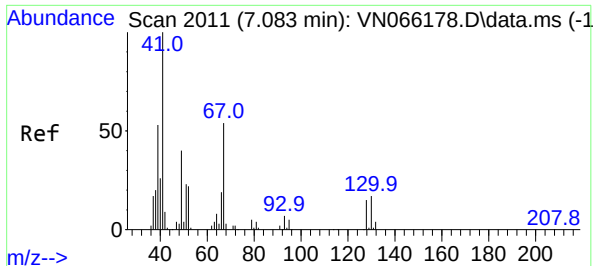
Delta R.T. 0.000 min

Lab File: VN066187.D

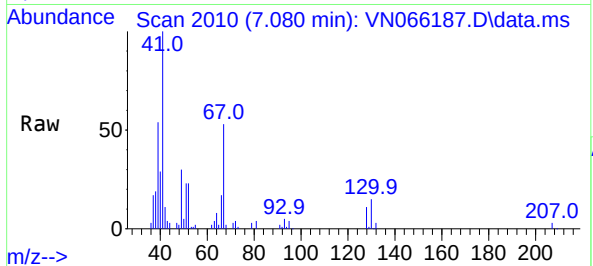
Acq: 12 Mar 2021 17:28

Tgt Ion:	78	Resp:	375565
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.5	27.7

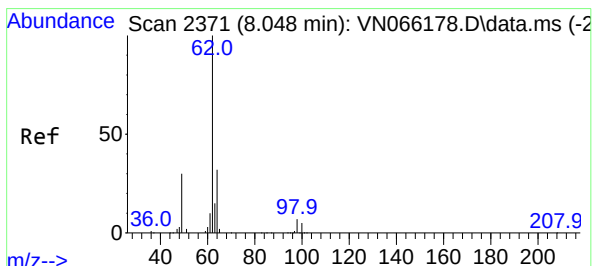
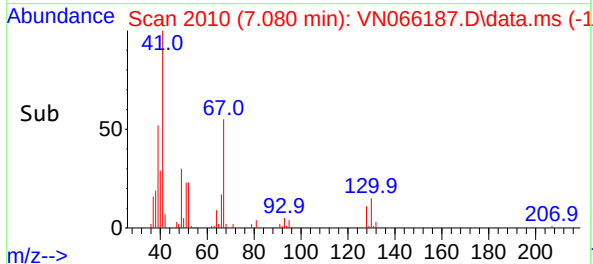
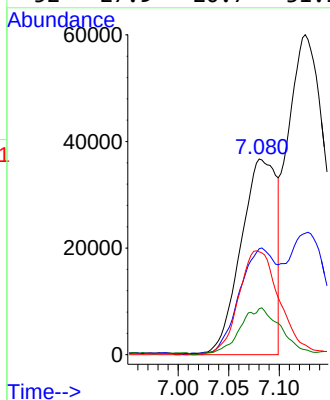




#41
Methacrylonitrile
Concen: 19.73 ug/l
RT: 7.080 min Scan# 2010
Delta R.T. -0.006 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

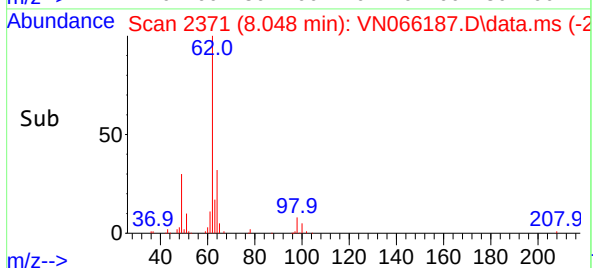
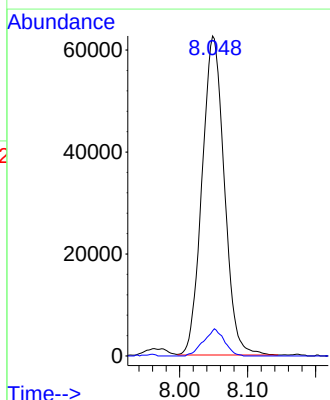
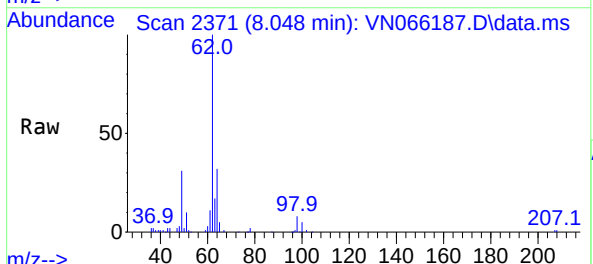


Tgt Ion: 41 Resp: 89846
Ion Ratio Lower Upper
41 100
39 55.4 45.0 67.4
67 61.9 48.2 72.4
52 27.9 20.7 31.1



#42
1,2-Dichloroethane
Concen: 19.97 ug/l
RT: 8.048 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

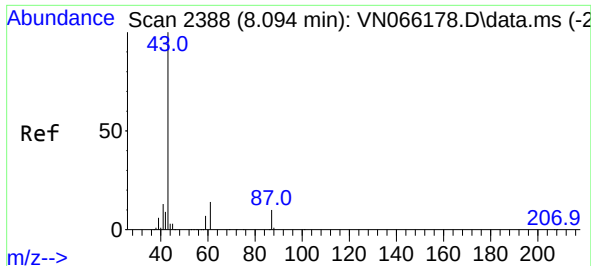
Tgt Ion: 62 Resp: 142371
Ion Ratio Lower Upper
62 100
98 7.9 0.0 14.8



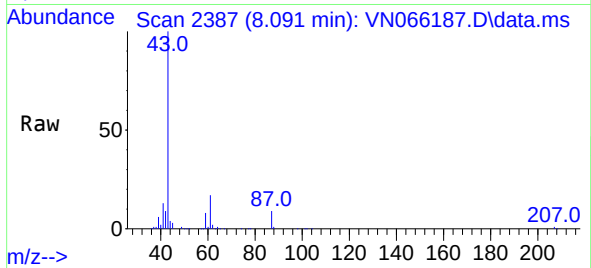
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

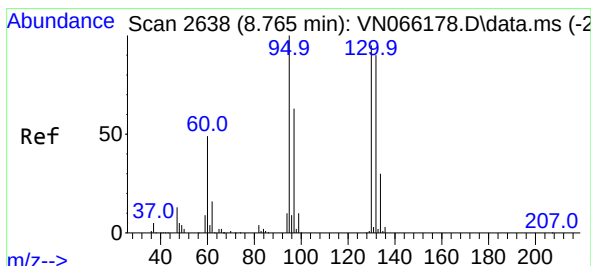
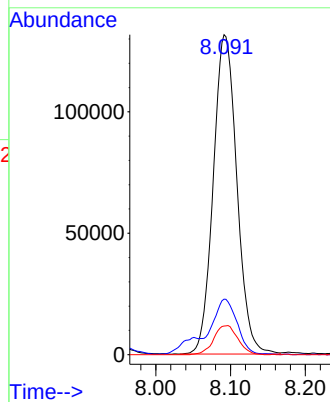
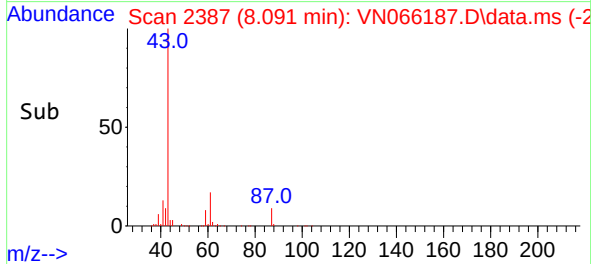
MMDadoda
3/15/2021 12:41:29 PM



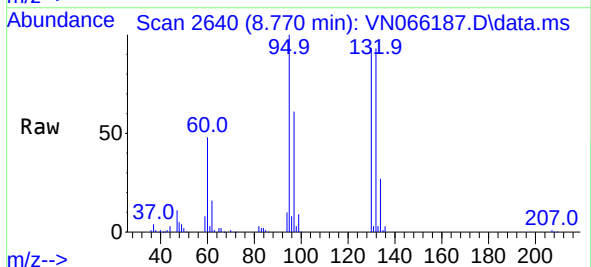
#43
Isopropyl Acetate
Concen: 20.03 ug/l
RT: 8.091 min Scan# 2387
Delta R.T. -0.006 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



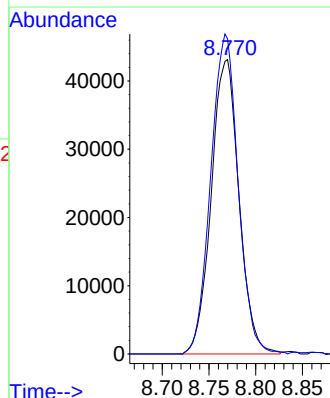
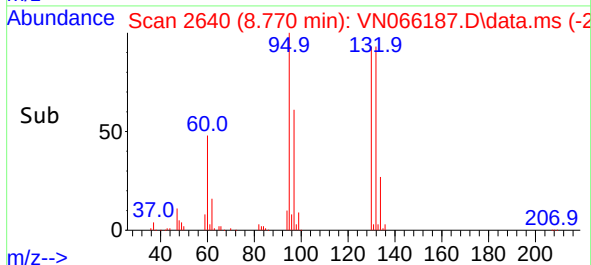
Tgt Ion: 43 Resp: 288810
Ion Ratio Lower Upper
43 100
61 17.7 14.0 21.0
87 9.3 7.9 11.9



#44
Trichloroethene
Concen: 19.77 ug/l
RT: 8.770 min Scan# 2640
Delta R.T. 0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



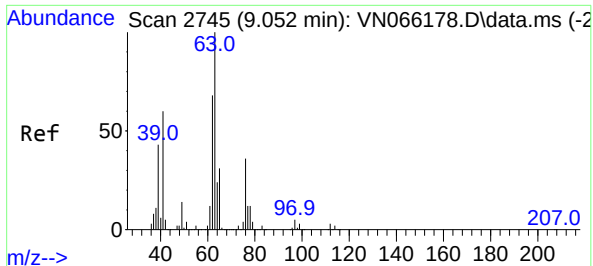
Tgt Ion: 130 Resp: 89373
Ion Ratio Lower Upper
130 100
95 107.0 0.0 210.2



Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

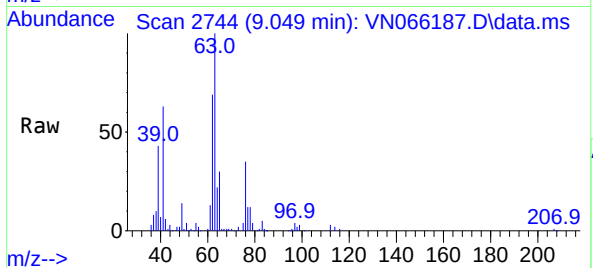
Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:41:29 PM



#45
1,2-Dichloropropane
Concen: 19.53 ug/l
RT: 9.049 min Scan# 2744
Delta R.T. -0.002 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

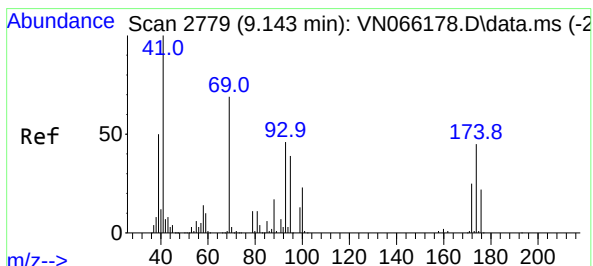
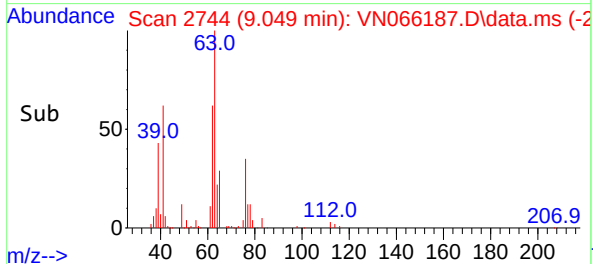
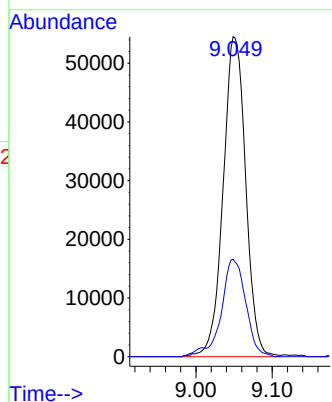
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01



Tgt Ion: 63 Resp: 111911
Ion Ratio Lower Upper
63 100
65 30.5 24.6 37.0

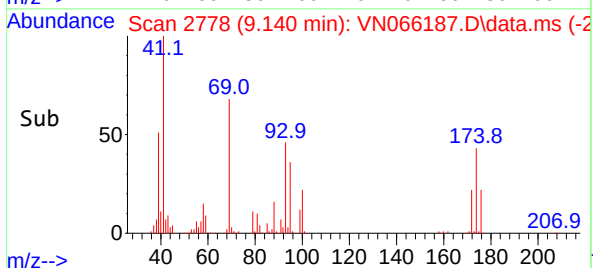
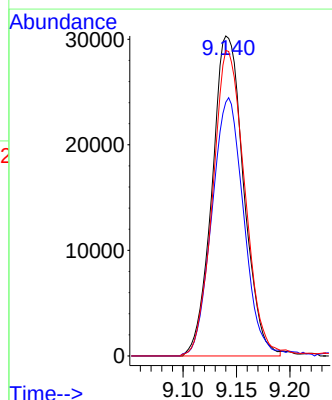
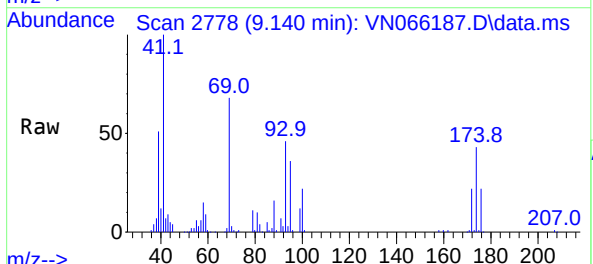
Manual Integrations
APPROVED

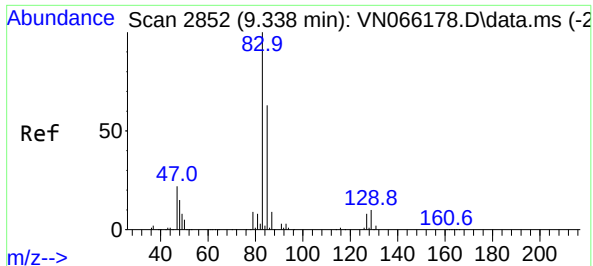
MMDadoda
3/15/2021 12:41:29 PM



#46
Dibromomethane
Concen: 19.66 ug/l
RT: 9.140 min Scan# 2778
Delta R.T. -0.005 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 93 Resp: 62271
Ion Ratio Lower Upper
93 100
95 81.2 66.1 99.1
174 97.1 78.2 117.4





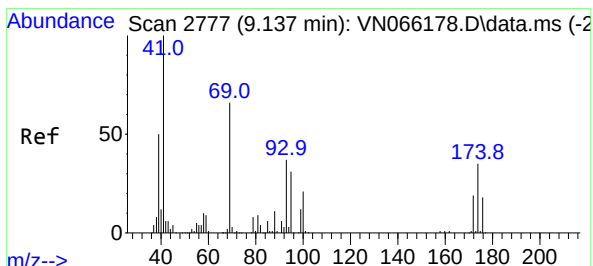
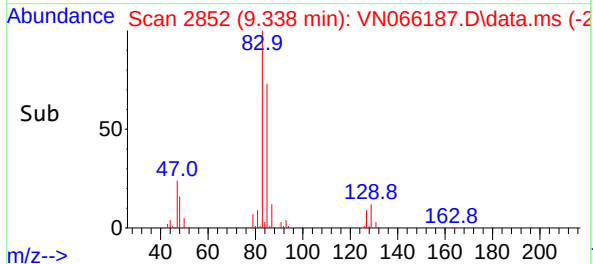
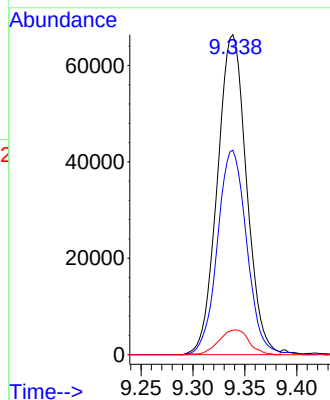
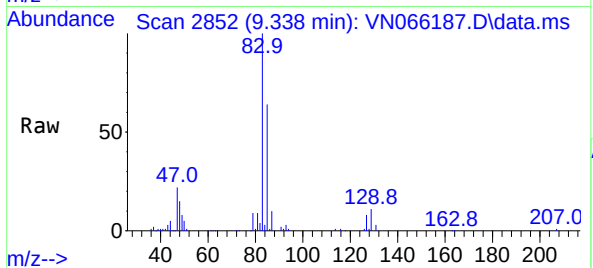
#47
Bromodichloromethane
Concen: 18.94 ug/l
RT: 9.338 min Scan# 2852
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 83 Resp: 129756
Ion Ratio Lower Upper
83 100
85 63.9 50.3 75.5
127 7.7 6.2 9.2

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

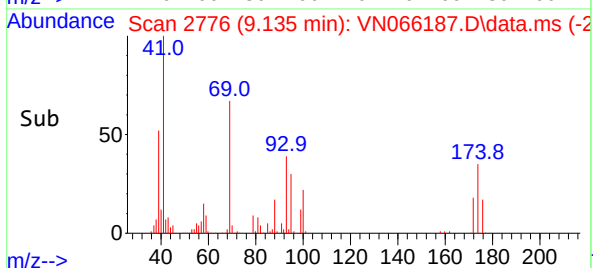
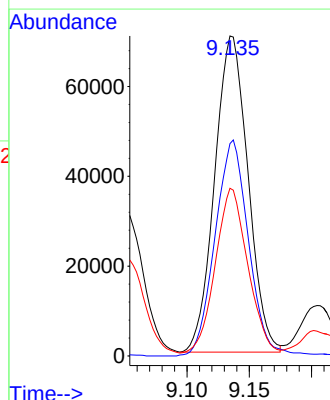
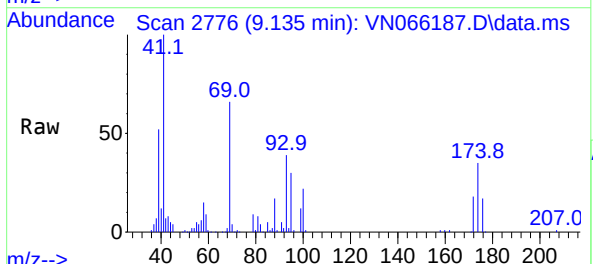
Manual Integrations
APPROVED

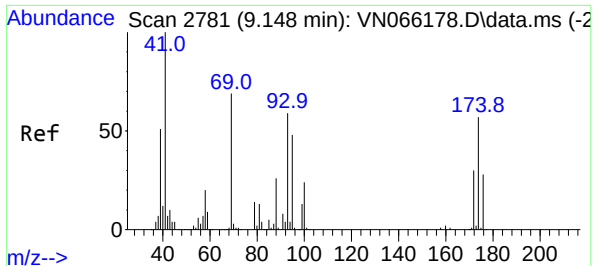
MMDadoda
3/15/2021 12:41:29 PM



#48
Methyl methacrylate
Concen: 19.25 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.002 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 41 Resp: 131065
Ion Ratio Lower Upper
41 100
69 68.7 54.7 82.1
39 51.9 40.2 60.2





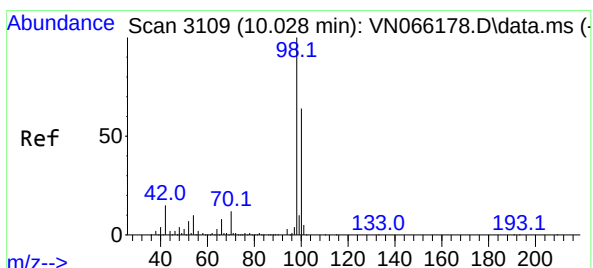
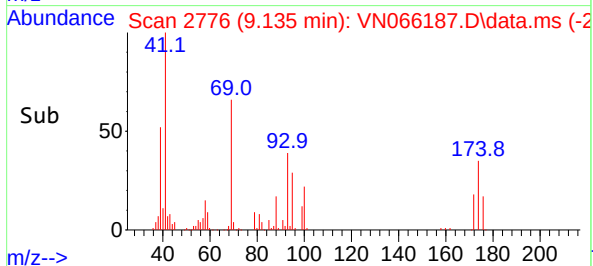
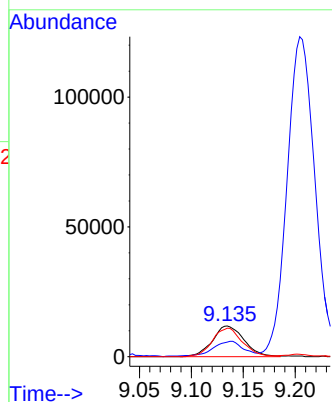
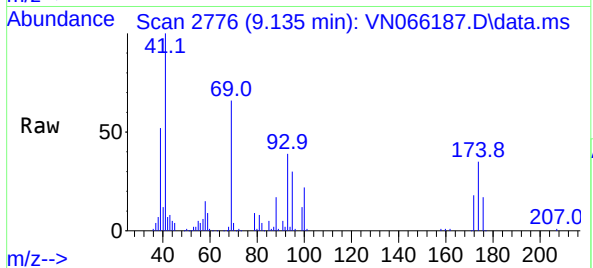
#49
1,4-Dioxane
Concen: 344.37 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.008 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 88 Resp: 25077
Ion Ratio Lower Upper
88 100
43 45.3 34.4 51.6
58 88.5 67.3 100.9

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

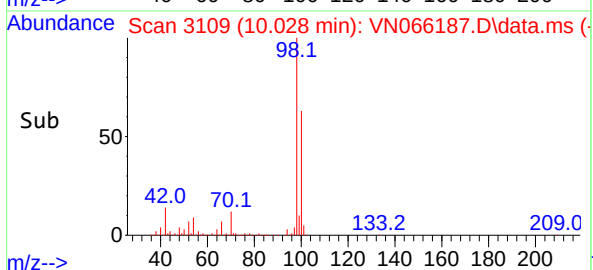
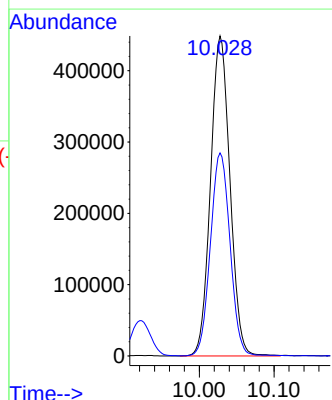
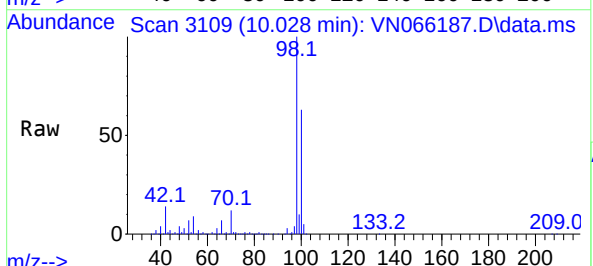
Manual Integrations
APPROVED

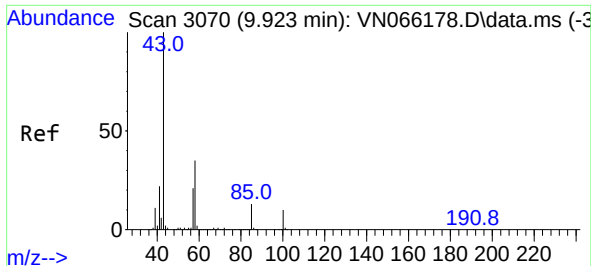
MMDadoda
3/15/2021 12:41:29 PM



#50
Toluene-d8
Concen: 51.07 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 98 Resp: 809656
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.6





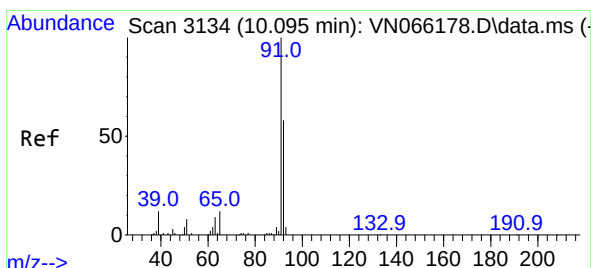
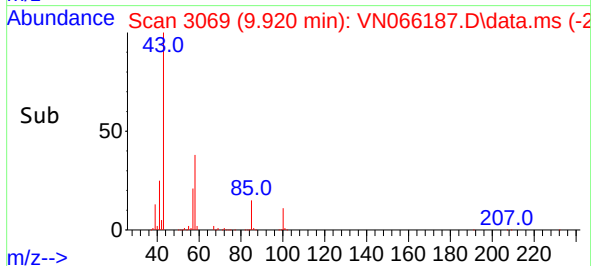
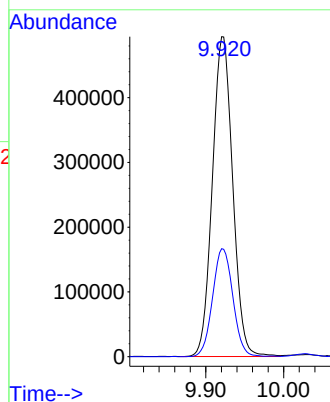
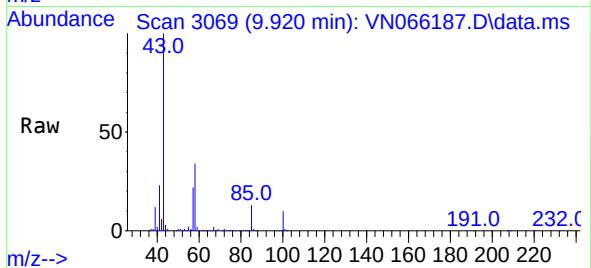
#51
4-Methyl-2-Pentanone
Concen: 102.45 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 43 Resp: 893924
Ion Ratio Lower Upper
43 100
58 33.8 27.5 41.3

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

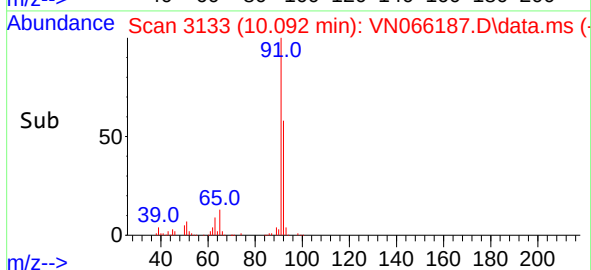
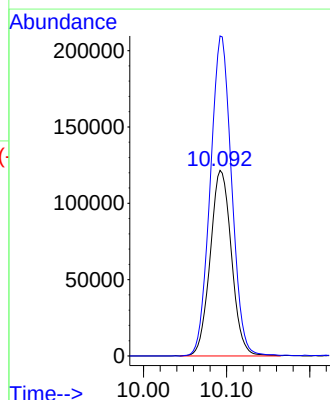
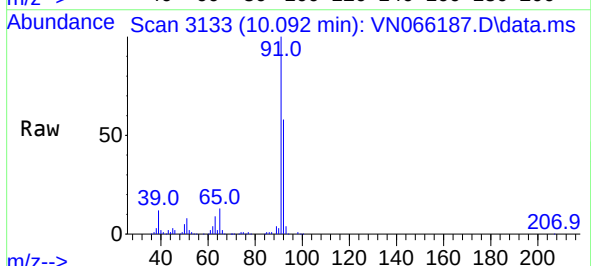
Manual Integrations
APPROVED

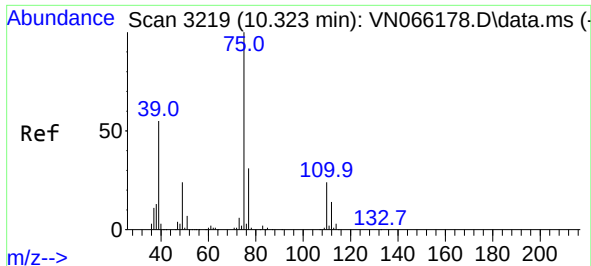
MMDadoda
3/15/2021 12:41:29 PM



#52
Toluene
Concen: 19.35 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 92 Resp: 216170
Ion Ratio Lower Upper
92 100
91 173.2 137.5 206.3





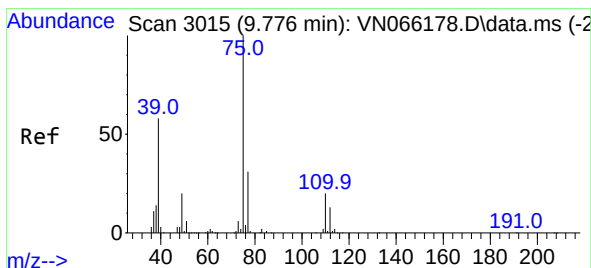
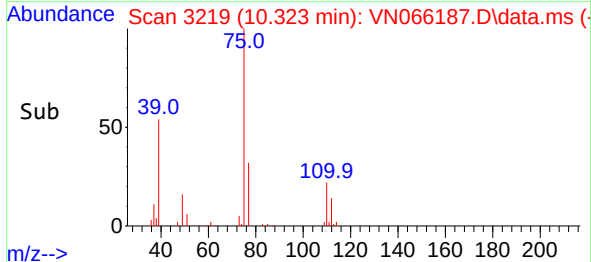
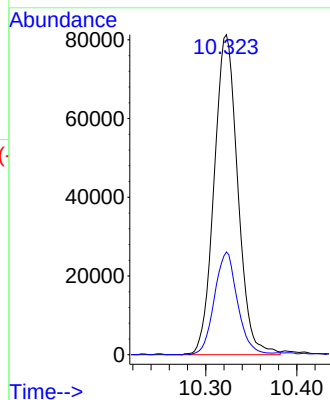
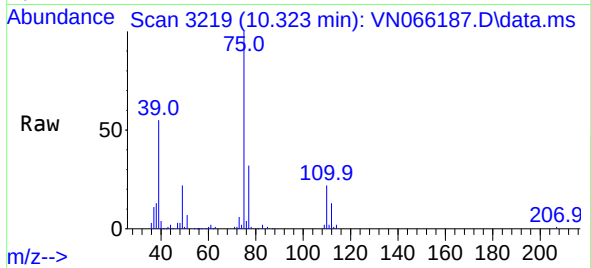
#53
 t-1,3-Dichloropropene
 Concen: 18.91 ug/l
 RT: 10.323 min Scan# 3219
 Delta R.T. -0.000 min
 Lab File: VN066187.D
 Acq: 12 Mar 2021 17:28

Tgt Ion: 75 Resp: 146524
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

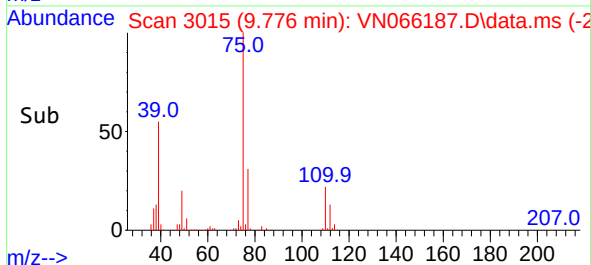
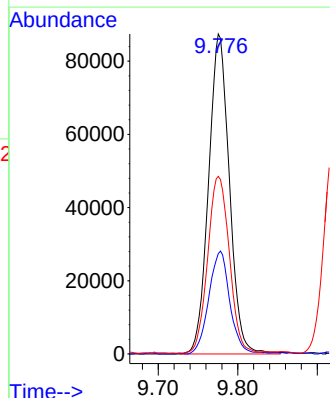
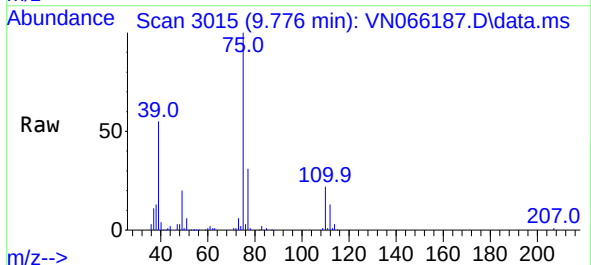
Manual Integrations
 APPROVED

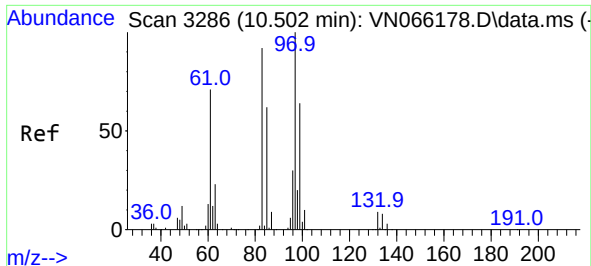
MMDadoda
 3/15/2021 12:41:29 PM



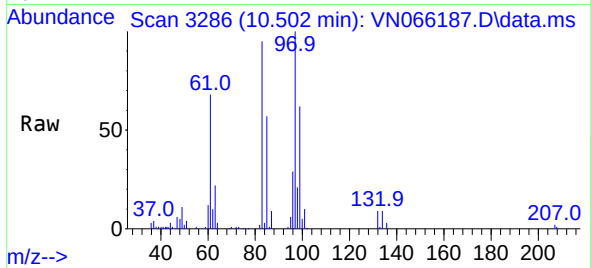
#54
 cis-1,3-Dichloropropene
 Concen: 18.95 ug/l
 RT: 9.776 min Scan# 3015
 Delta R.T. -0.002 min
 Lab File: VN066187.D
 Acq: 12 Mar 2021 17:28

Tgt Ion: 75 Resp: 159168
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4
 39 55.2 46.2 69.2



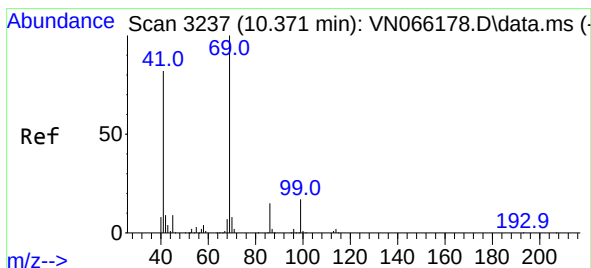
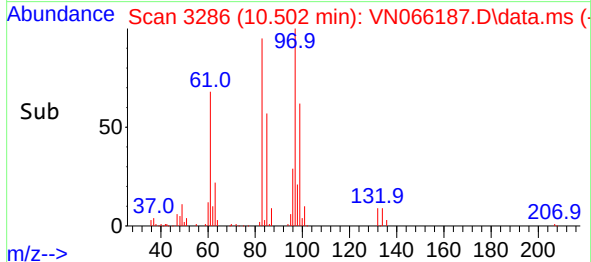
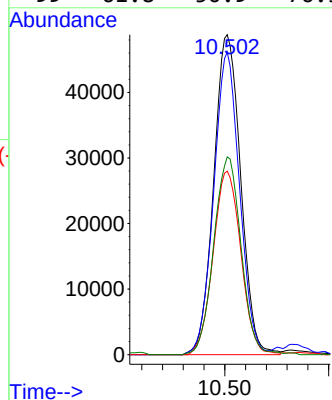


#55
1,1,2-Trichloroethane
Concen: 19.18 ug/l
RT: 10.502 min Scan# 3286
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

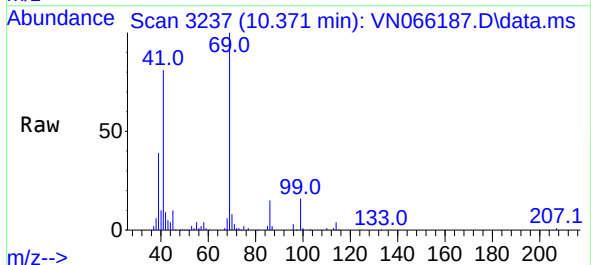


Tgt Ion: 97 Resp: 87921

Ion	Ratio	Lower	Upper
97	100		
83	94.5	73.3	109.9
85	57.3	49.8	74.8
99	61.8	50.9	76.3

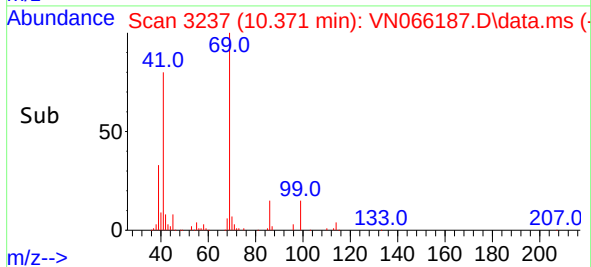
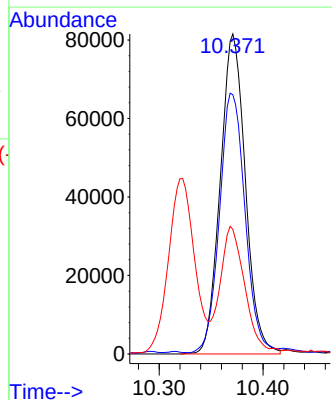


#56
Ethyl methacrylate
Concen: 18.05 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



Tgt Ion: 69 Resp: 136805

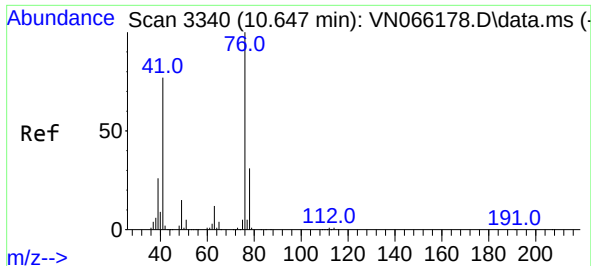
Ion	Ratio	Lower	Upper
69	100		
41	82.5	66.2	99.4
39	37.0	31.5	47.3



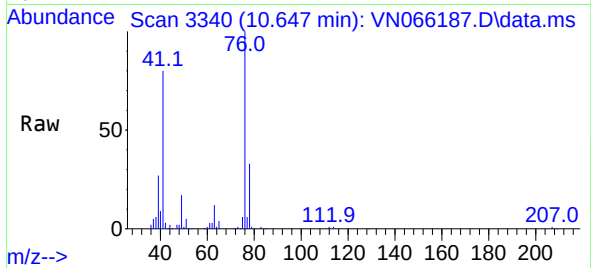
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

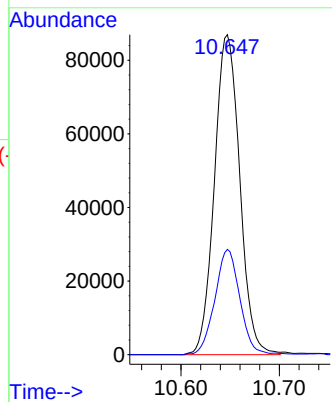
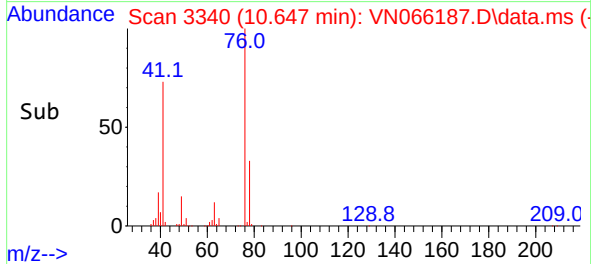
MMDadoda
3/15/2021 12:41:29 PM



#57
1,3-Dichloropropane
Concen: 18.71 ug/l
RT: 10.647 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



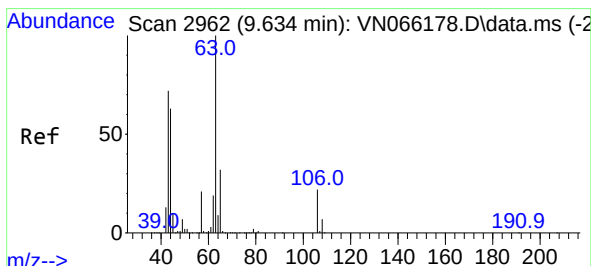
Tgt Ion: 76 Resp: 155866
Ion Ratio Lower Upper
76 100
78 32.3 25.4 38.2



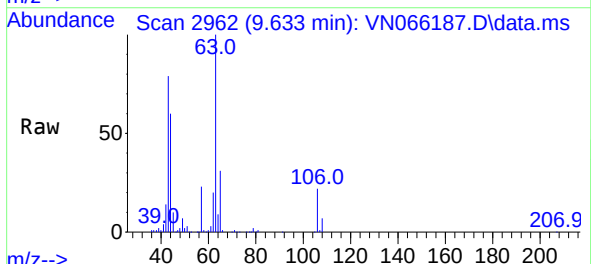
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

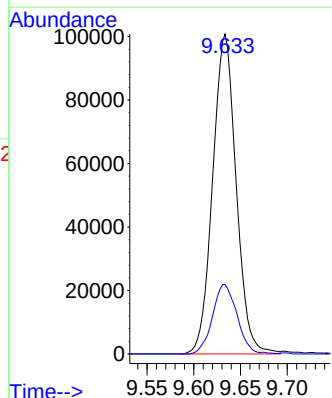
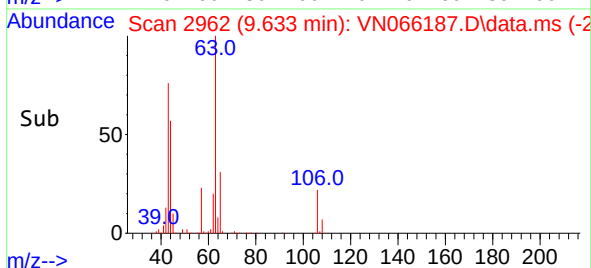
MMDadoda
3/15/2021 12:41:29 PM

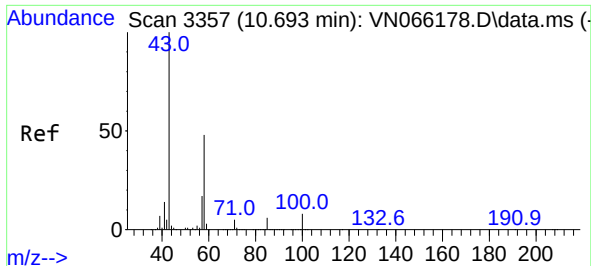


#58
2-Chloroethyl Vinyl ether
Concen: 82.27 ug/l
RT: 9.633 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



Tgt Ion: 63 Resp: 176208
Ion Ratio Lower Upper
63 100
106 22.7 17.6 26.4



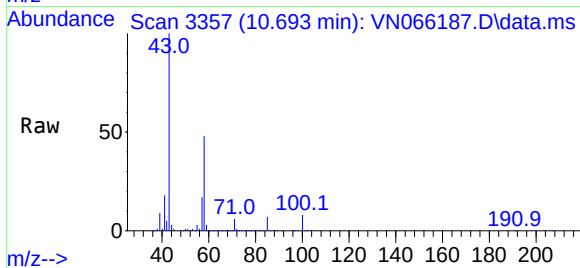


#59
2-Hexanone
Concen: 86.34 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

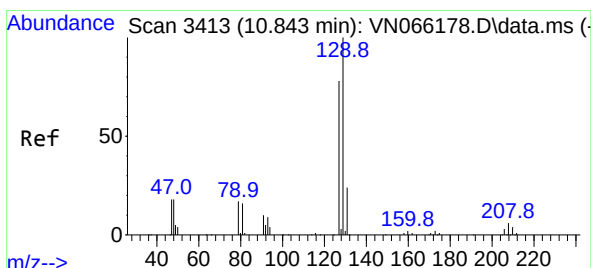
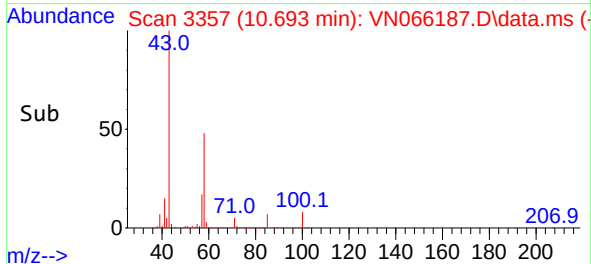
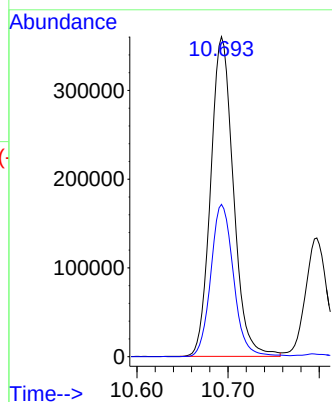
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:41:29 PM

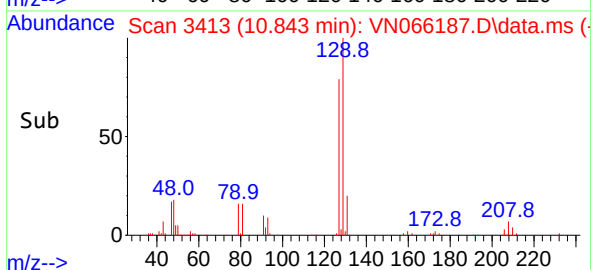
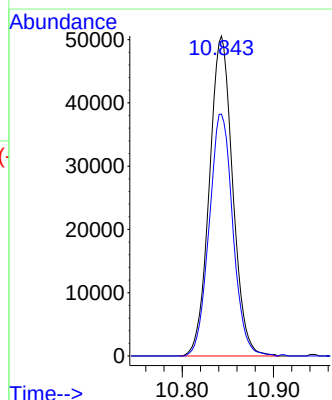
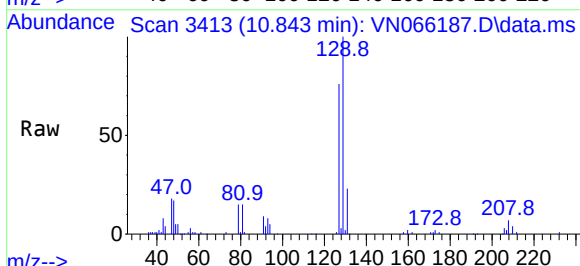


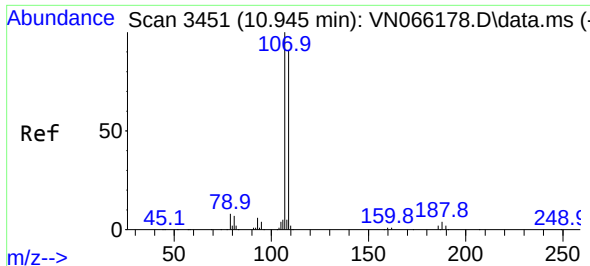
Tgt Ion: 43 Resp: 624239
Ion Ratio Lower Upper
43 100
58 47.7 23.8 71.5



#60
Dibromochloromethane
Concen: 18.92 ug/l
RT: 10.843 min Scan# 3413
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 129 Resp: 89875
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6





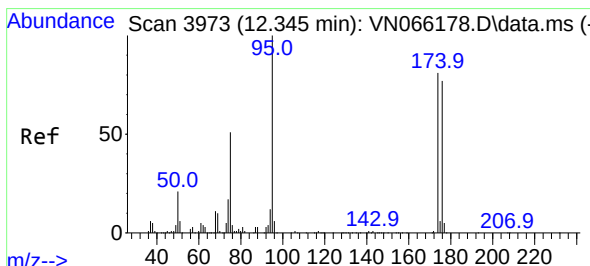
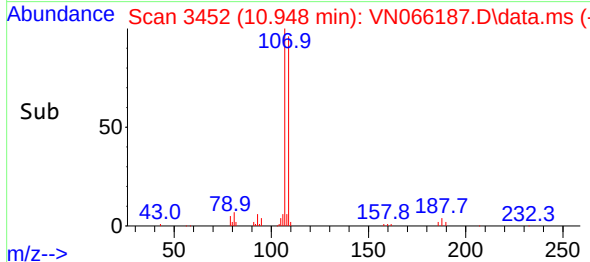
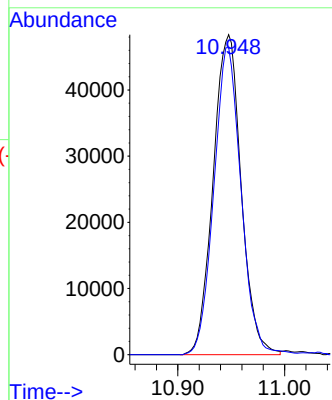
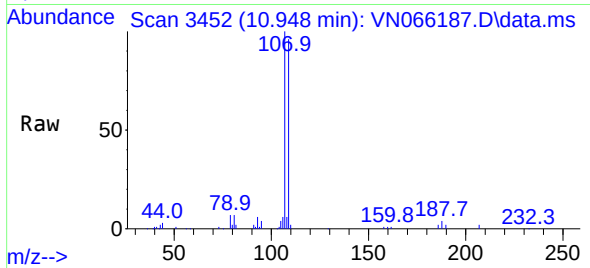
#61
1,2-Dibromoethane
Concen: 19.03 ug/l
RT: 10.948 min Scan# 3452
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 107 Resp: 88129
Ion Ratio Lower Upper
107 100
109 93.3 75.5 113.3

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

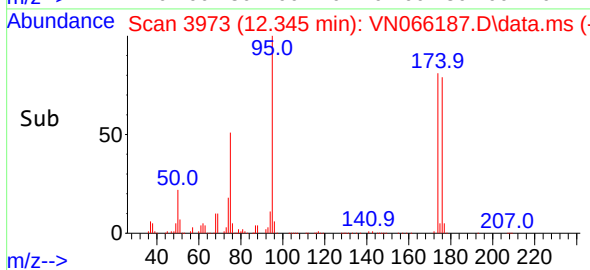
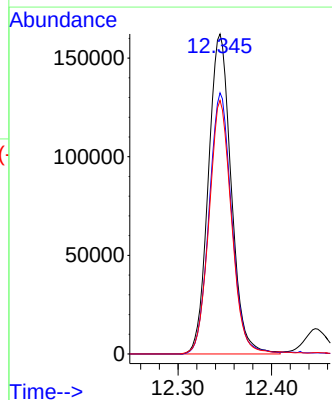
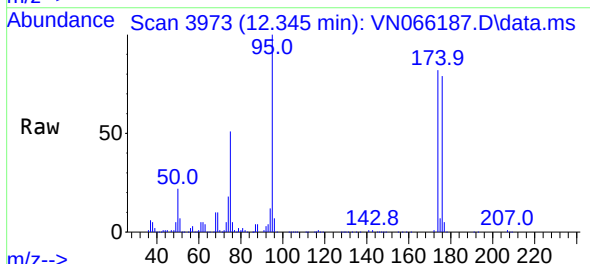
Manual Integrations
APPROVED

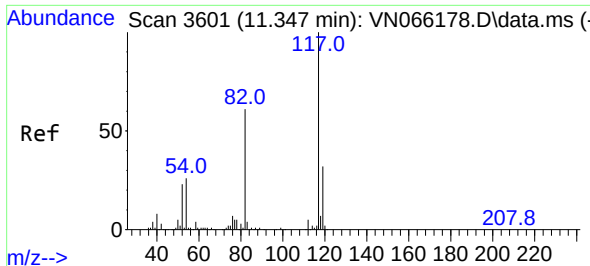
MMDadoda
3/15/2021 12:41:29 PM



#62
4-Bromofluorobenzene
Concen: 47.24 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

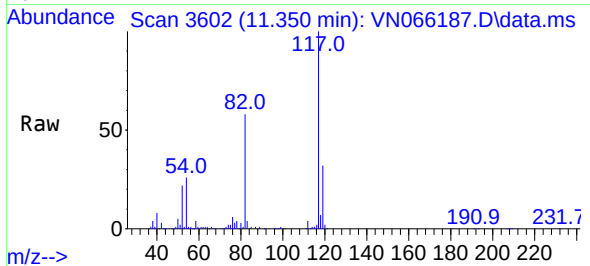
Tgt Ion: 95 Resp: 275510
Ion Ratio Lower Upper
95 100
174 80.9 0.0 162.4
176 77.8 0.0 156.2





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

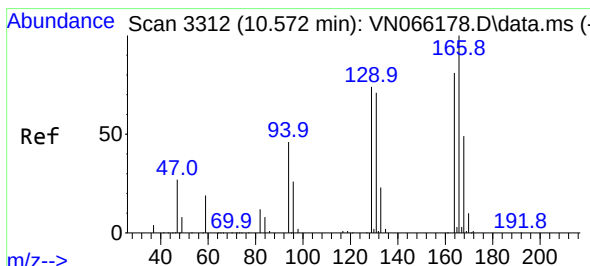
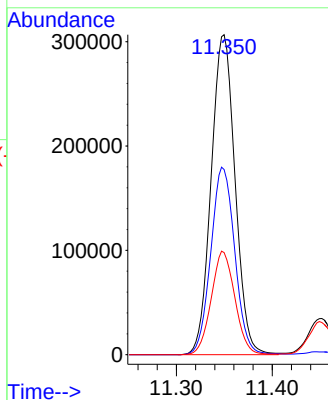
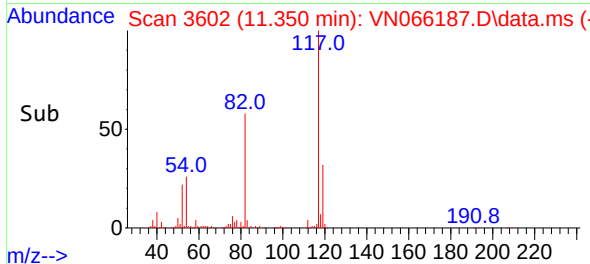
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01



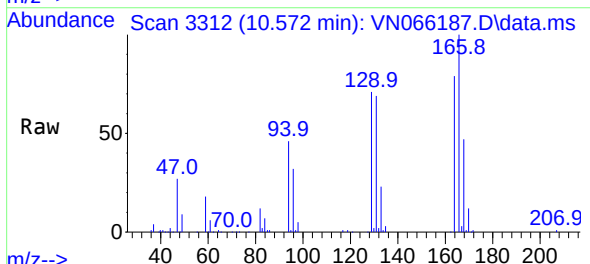
Tgt Ion:117 Resp: 531314
Ion Ratio Lower Upper
117 100
82 57.8 49.0 73.6
119 31.9 25.7 38.5

Manual Integrations
APPROVED

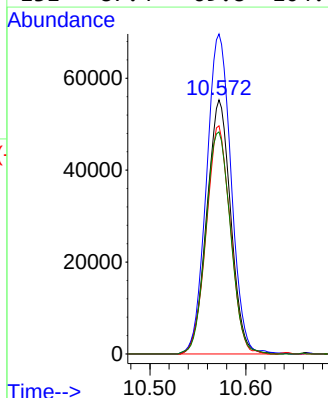
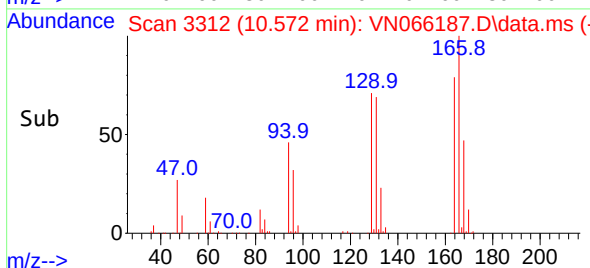
MMDadoda
3/15/2021 12:41:29 PM

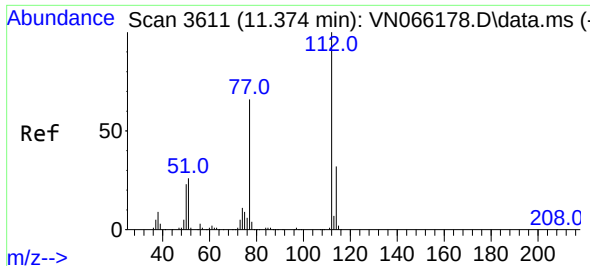


#64
Tetrachloroethene
Concen: 20.88 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



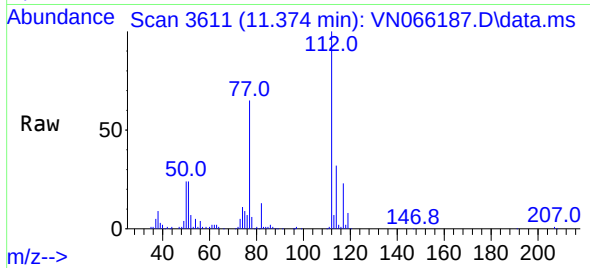
Tgt Ion:164 Resp: 96099
Ion Ratio Lower Upper
164 100
166 126.0 98.9 148.3
129 89.8 73.2 109.8
131 87.4 69.8 104.6





#65
Chlorobenzene
Concen: 19.92 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

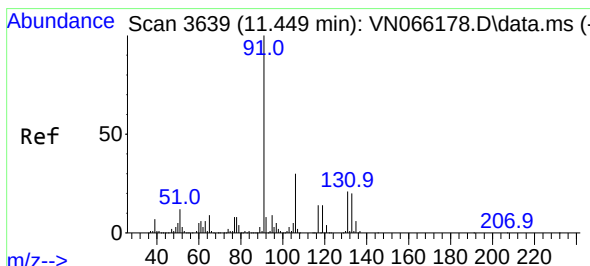
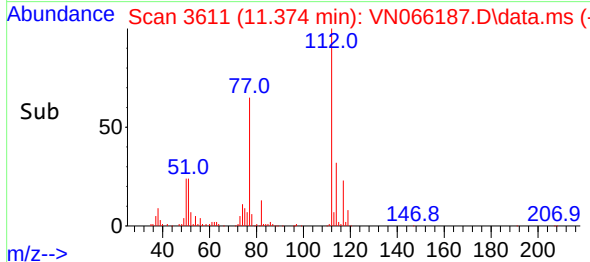
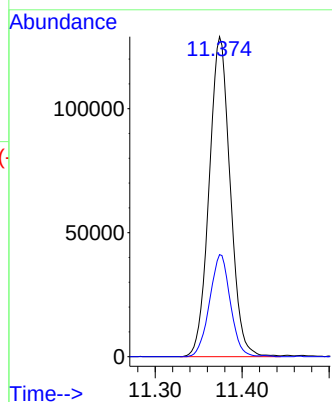
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01



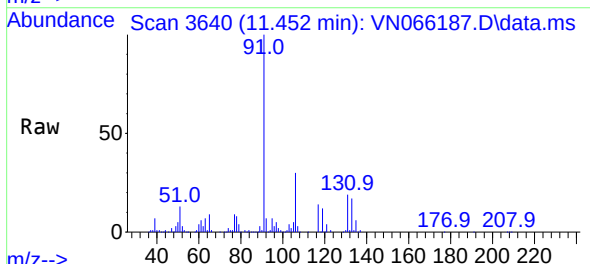
Tgt Ion:112 Resp: 217002
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

Manual Integrations
APPROVED

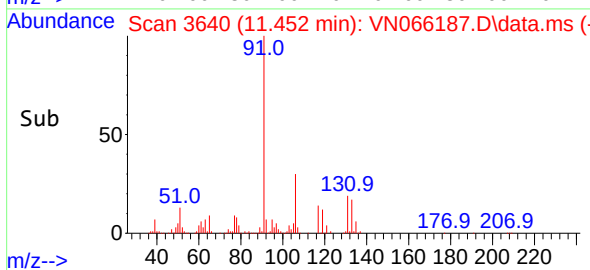
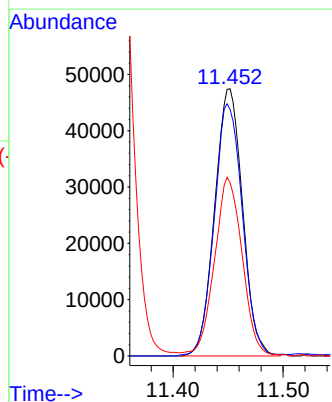
MMDadoda
3/15/2021 12:41:29 PM

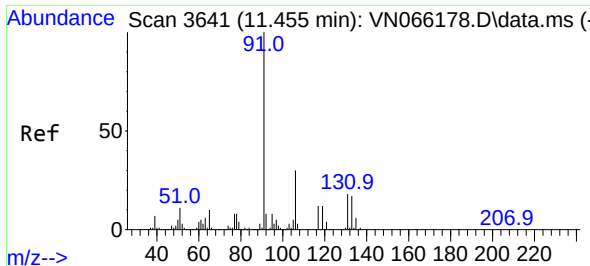


#66
1,1,1,2-Tetrachloroethane
Concen: 19.85 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



Tgt Ion:131 Resp: 83611
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 66.6 33.1 99.2





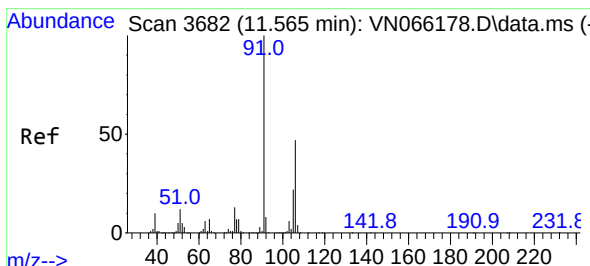
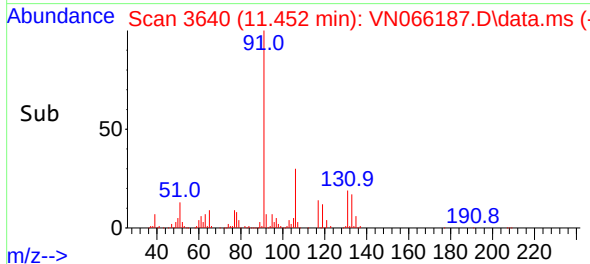
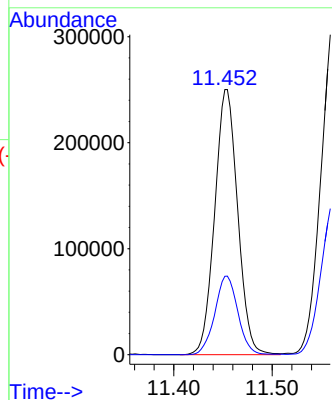
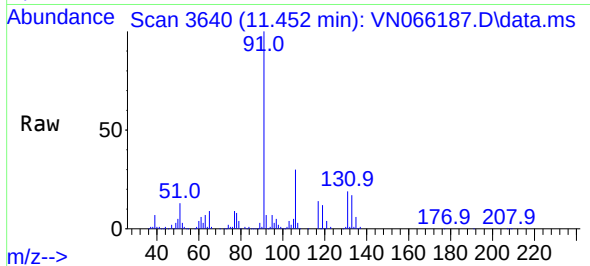
#67
Ethyl Benzene
Concen: 20.55 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 91 Resp: 406355
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.2

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

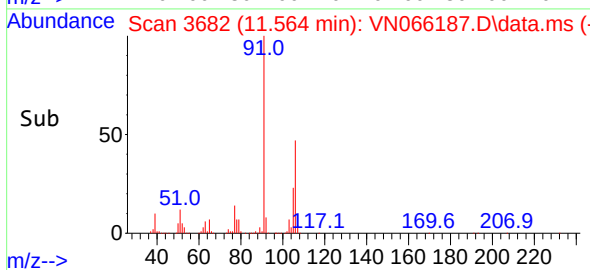
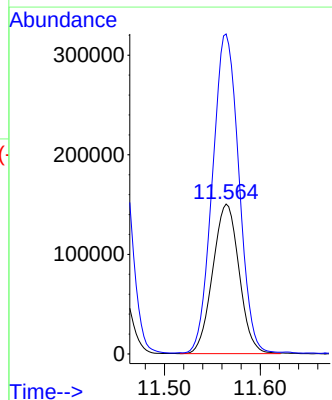
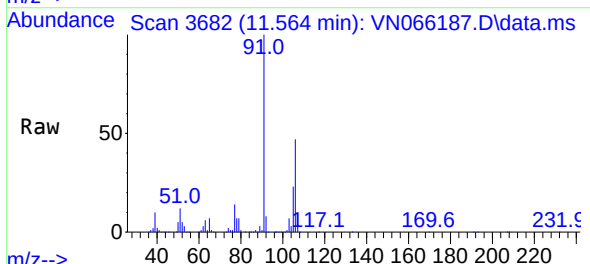
Manual Integrations
APPROVED

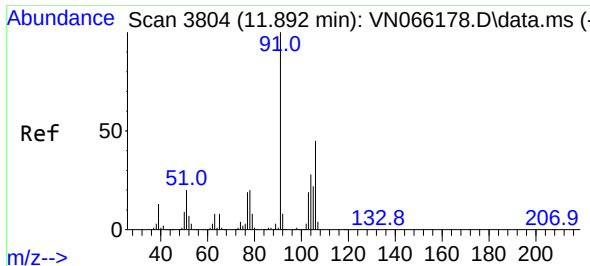
MMDadoda
3/15/2021 12:41:29 PM



#68
m/p-Xylenes
Concen: 39.17 ug/l
RT: 11.564 min Scan# 3682
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:106 Resp: 287208
Ion Ratio Lower Upper
106 100
91 213.4 168.2 252.4





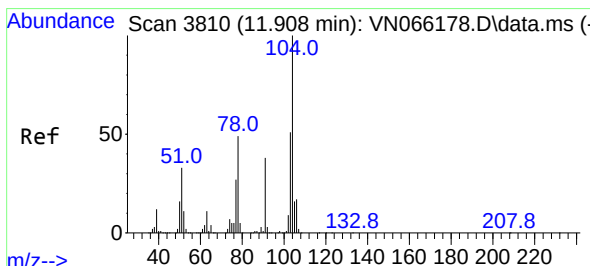
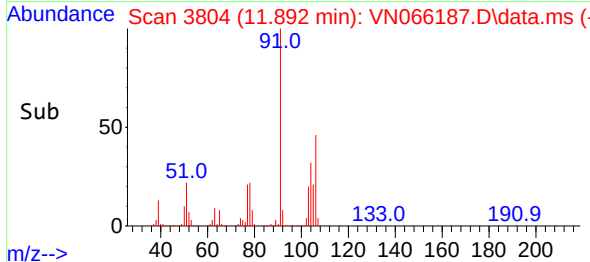
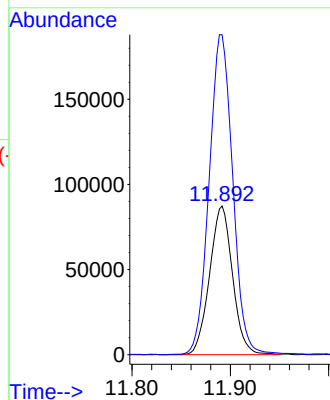
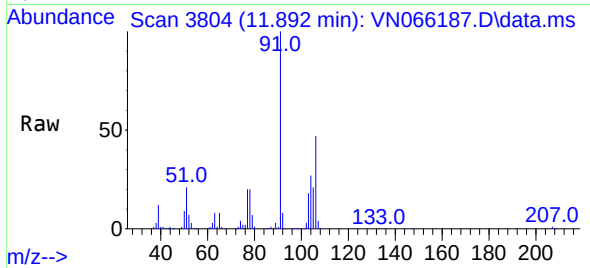
#69
o-Xylene
Concen: 19.93 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:106 Resp: 141950
Ion Ratio Lower Upper
106 100
91 221.7 111.8 335.3

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

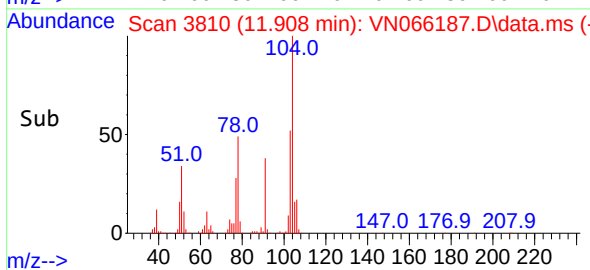
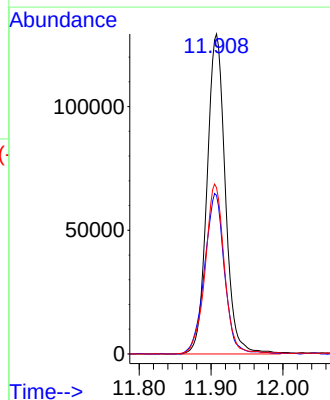
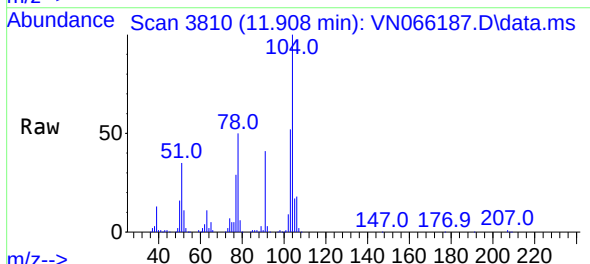
Manual Integrations
APPROVED

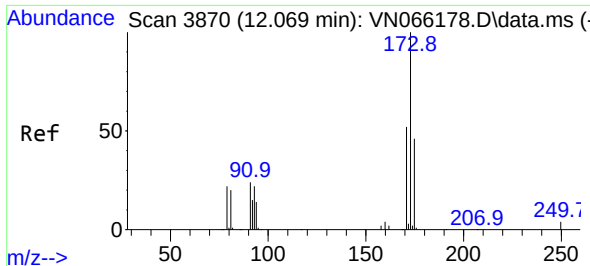
MMDadoda
3/15/2021 12:41:29 PM



#70
Styrene
Concen: 19.07 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:104 Resp: 229222
Ion Ratio Lower Upper
104 100
78 54.2 43.8 65.6
103 55.5 43.7 65.5





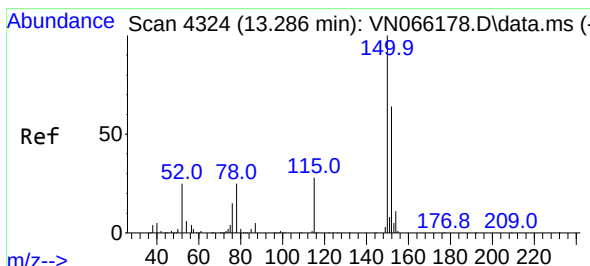
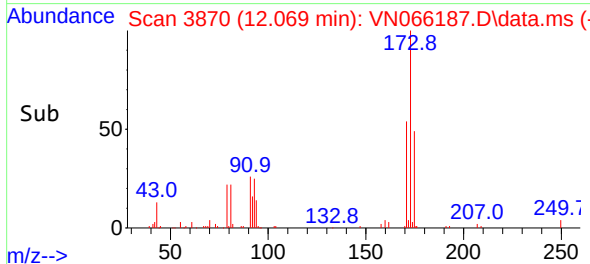
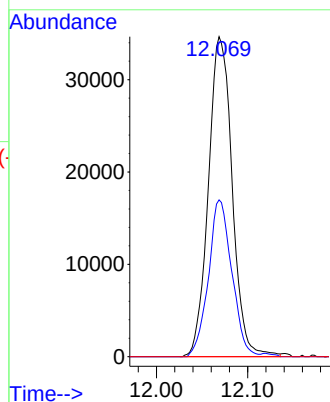
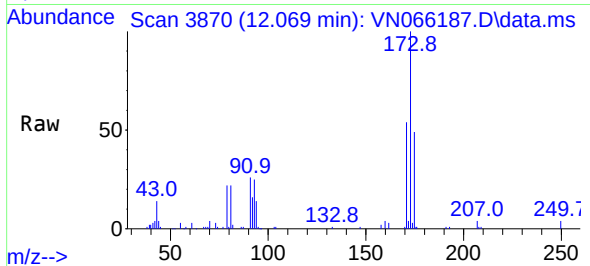
#71
Bromoform
Concen: 19.21 ug/l
RT: 12.069 min Scan# 3870
Delta R.T. -0.002 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:173 Resp: 62939
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.8
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

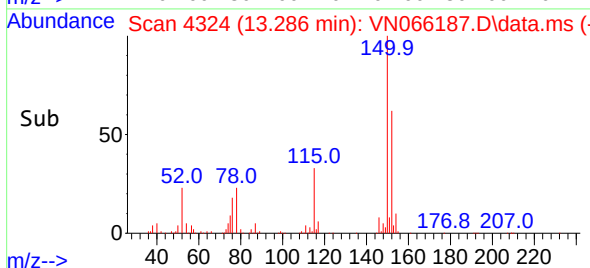
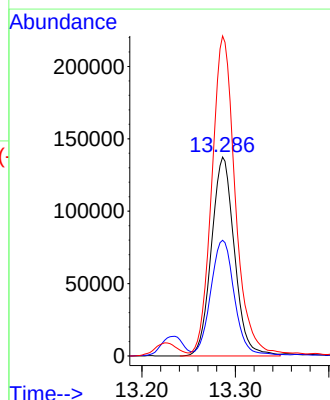
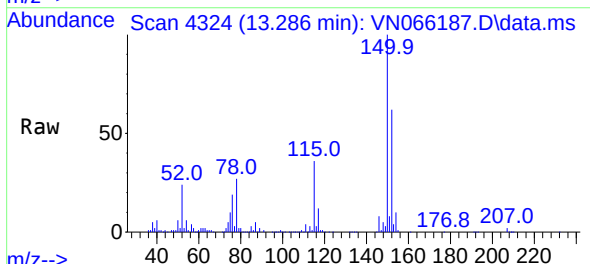
Manual Integrations
APPROVED

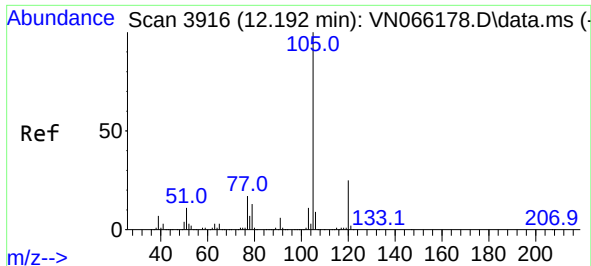
MMDadoda
3/15/2021 12:41:29 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

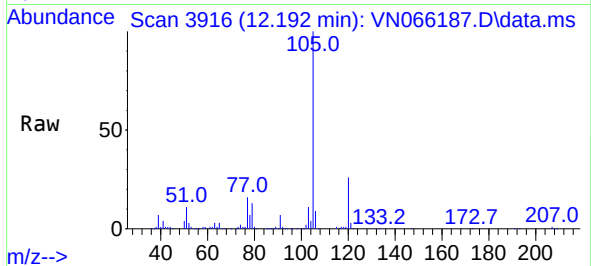
Tgt Ion:152 Resp: 235526
Ion Ratio Lower Upper
152 100
115 58.9 29.4 88.3
150 162.7 0.0 352.2





#73
Isopropylbenzene
Concen: 20.91 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

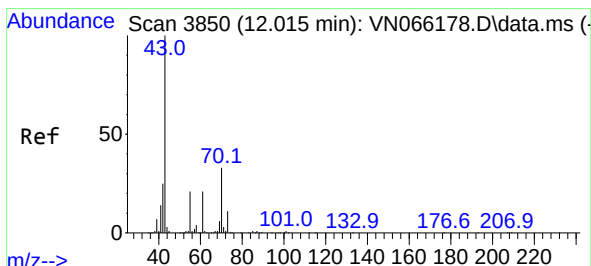
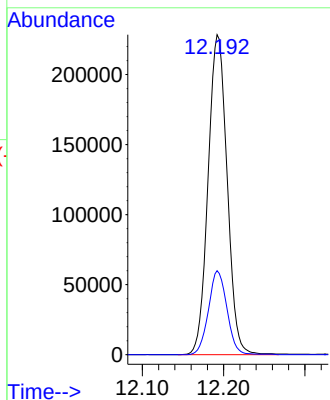
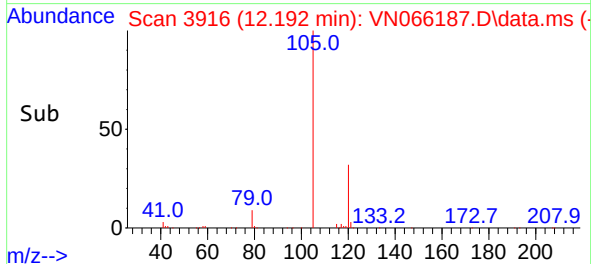
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01



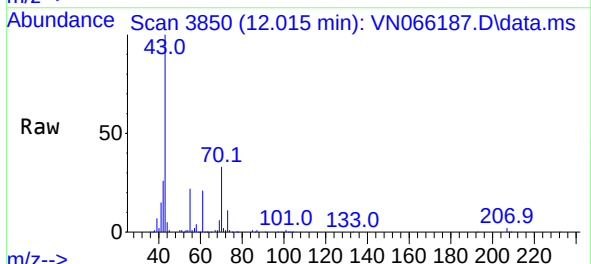
Tgt Ion:105 Resp: 371557
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3

Manual Integrations
APPROVED

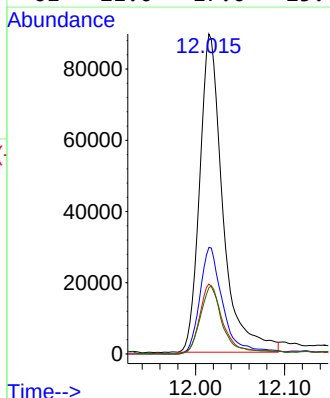
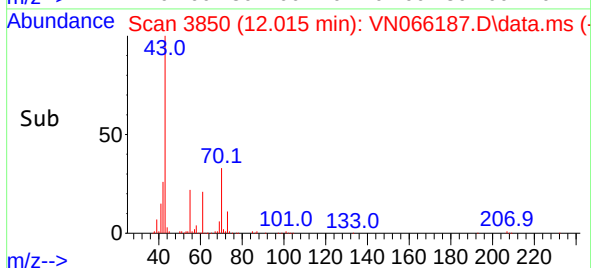
MMDadoda
3/15/2021 12:41:29 PM

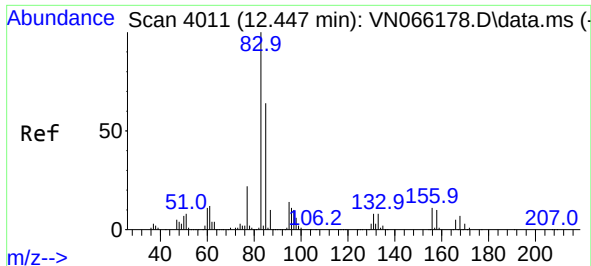


#74
N-ethyl acetate
Concen: 19.64 ug/l
RT: 12.015 min Scan# 3850
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



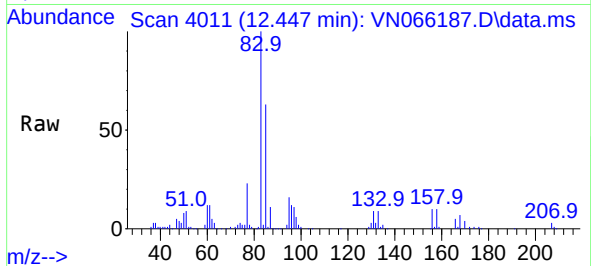
Tgt Ion: 43 Resp: 161371
Ion Ratio Lower Upper
43 100
70 34.0 26.2 39.4
55 21.9 17.2 25.8
61 21.0 17.0 25.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.52 ug/l
RT: 12.447 min Scan# 4011
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

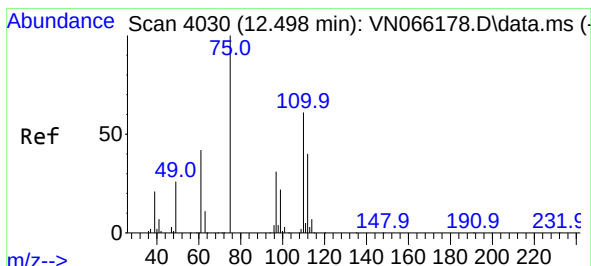
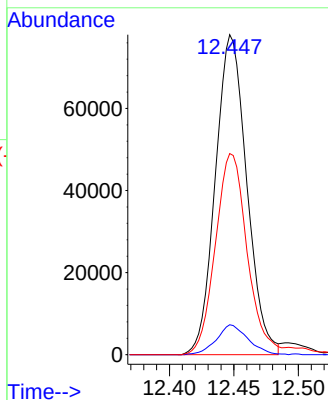
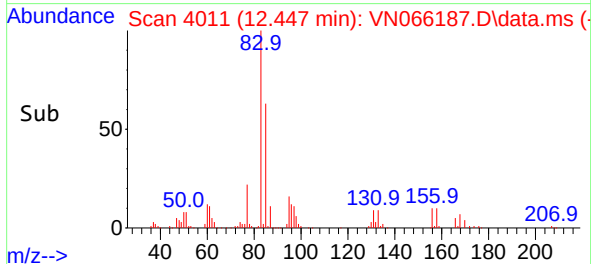
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01



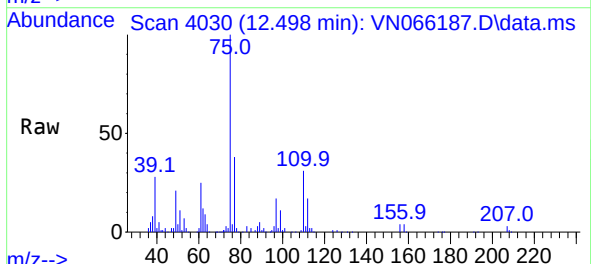
Tgt Ion: 83 Resp: 131969
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.5
85 63.8 31.8 95.4

Manual Integrations
APPROVED

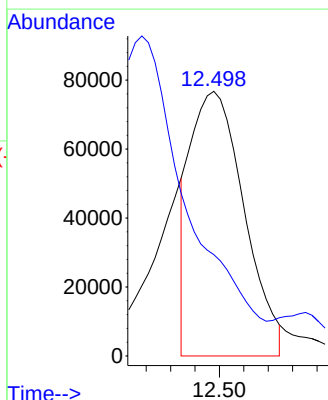
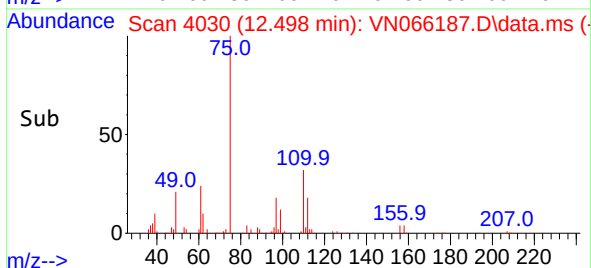
MMDadoda
3/15/2021 12:41:29 PM

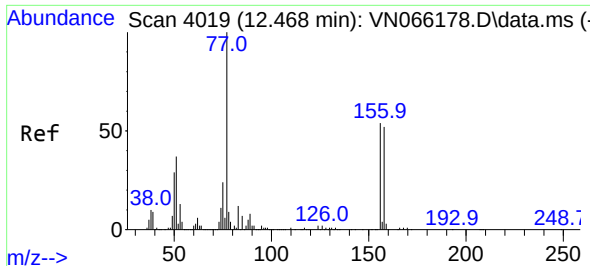


#76
1,2,3-Trichloropropane
Concen: 21.11 ug/l m
RT: 12.498 min Scan# 4030
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



Tgt Ion: 75 Resp: 117177
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





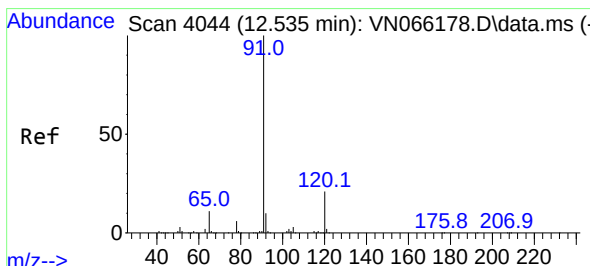
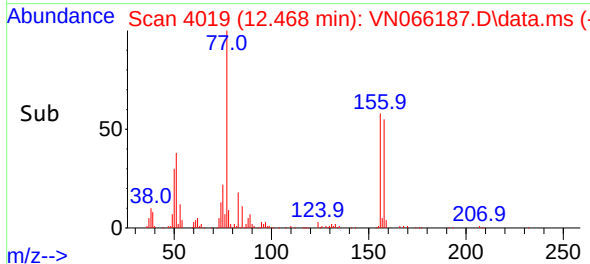
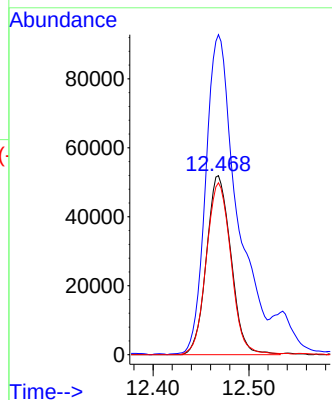
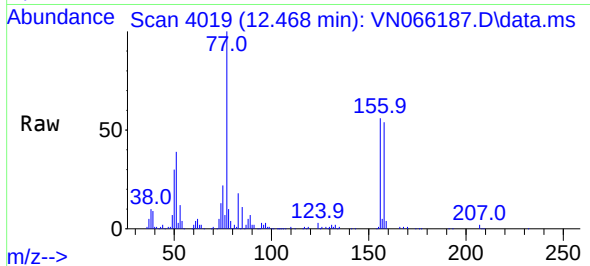
#77
Bromobenzene
Concen: 20.74 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:156 Resp: 92313
Ion Ratio Lower Upper
156 100
77 227.3 115.5 346.4
158 96.9 49.4 148.2

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

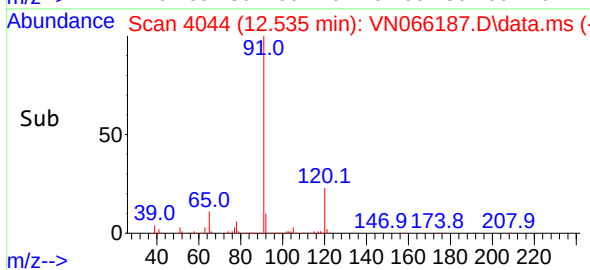
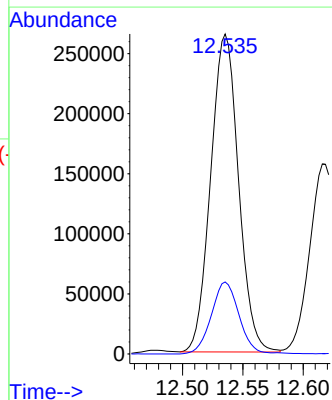
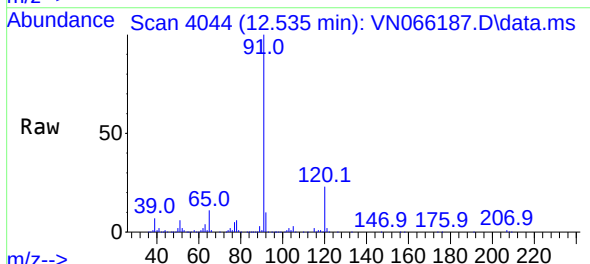
Manual Integrations
APPROVED

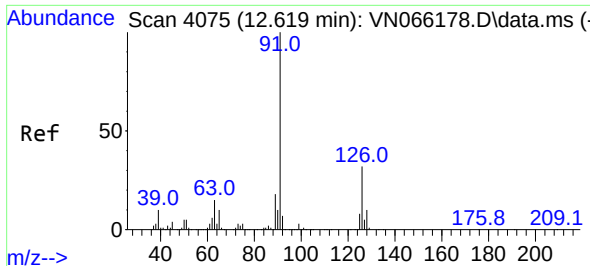
MMDadoda
3/15/2021 12:41:29 PM



#78
n-propylbenzene
Concen: 20.70 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 91 Resp: 424453
Ion Ratio Lower Upper
91 100
120 22.7 10.8 32.4



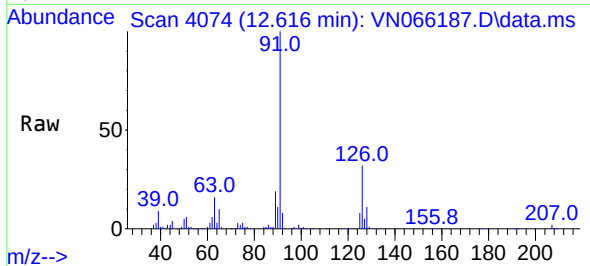


#79
2-Chlorotoluene
Concen: 20.31 ug/l
RT: 12.616 min Scan# 4074
Delta R.T. -0.002 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

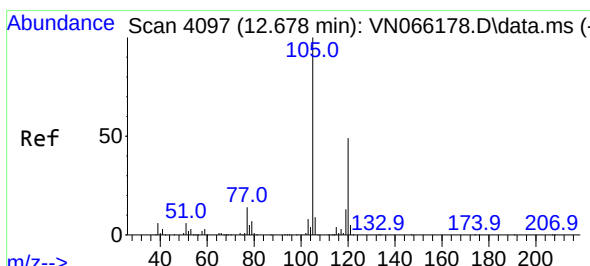
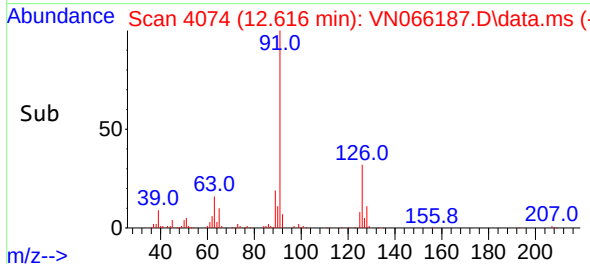
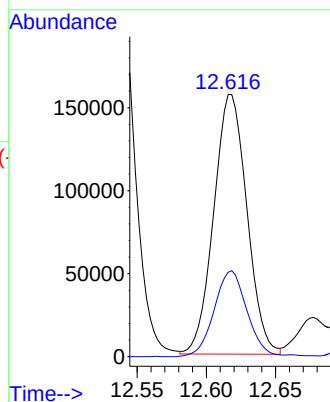
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:41:29 PM

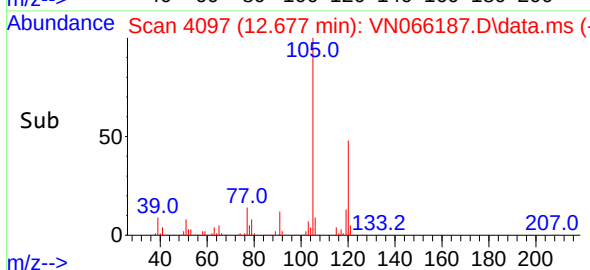
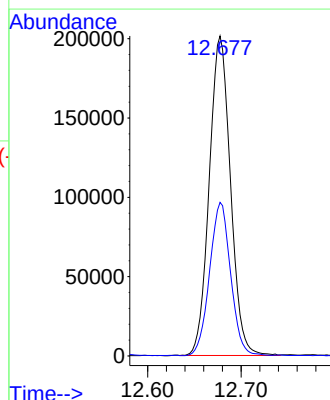
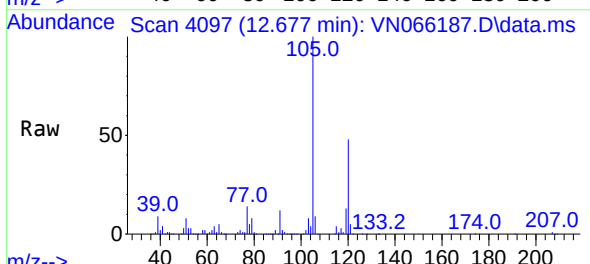


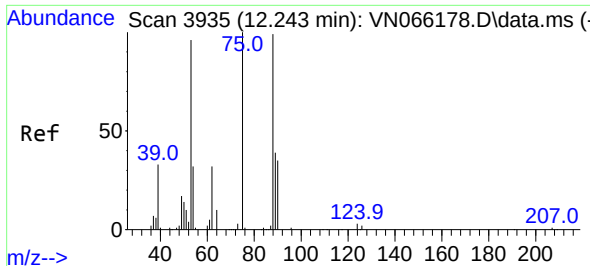
Tgt Ion: 91 Resp: 260968
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 21.46 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. -0.001 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

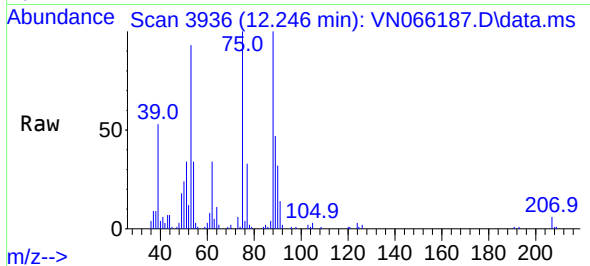
Tgt Ion: 105 Resp: 318045
Ion Ratio Lower Upper
105 100
120 47.5 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.45 ug/l
RT: 12.246 min Scan# 3936
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

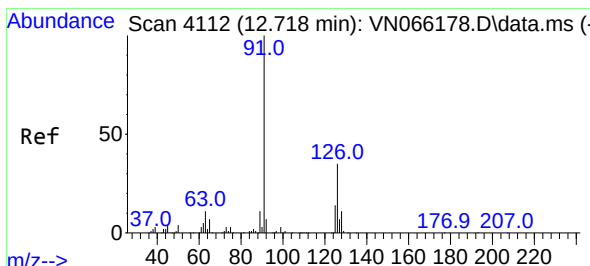
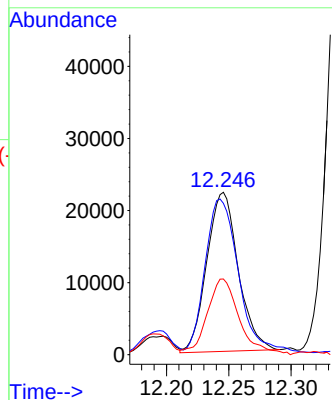
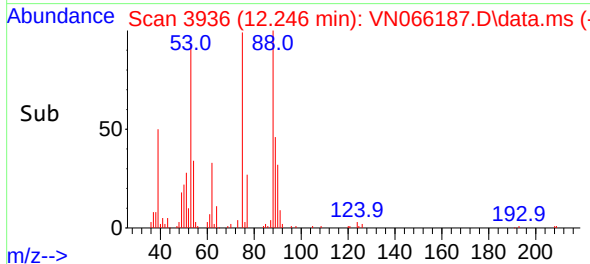
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01



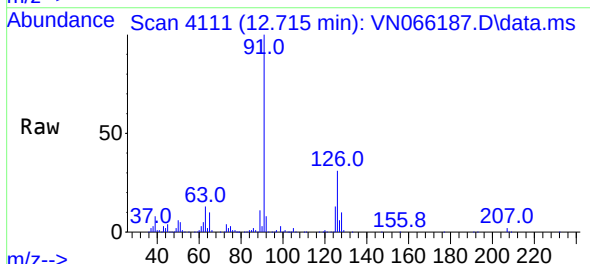
Tgt Ion: 75 Resp: 38896
Ion Ratio Lower Upper
75 100
53 103.4 77.8 116.6
89 48.6 33.7 50.5

Manual Integrations
APPROVED

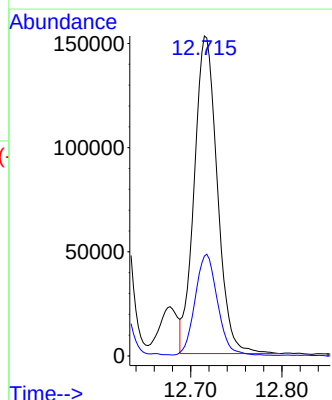
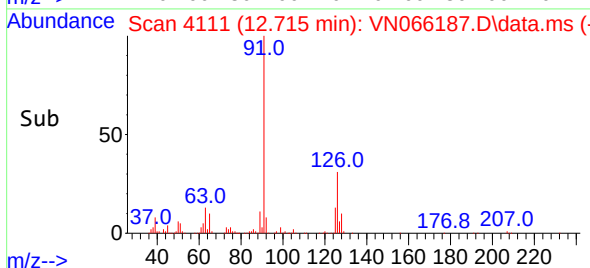
MMDadoda
3/15/2021 12:41:29 PM

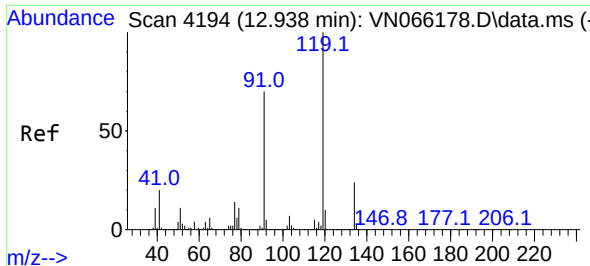


#82
4-Chlorotoluene
Concen: 21.09 ug/l
RT: 12.715 min Scan# 4111
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



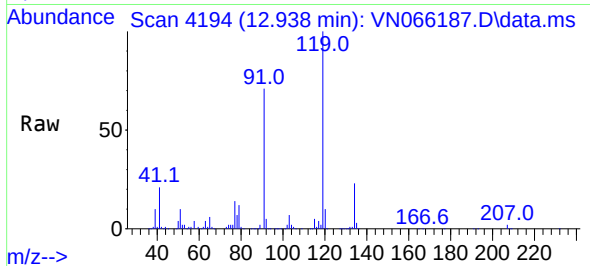
Tgt Ion: 91 Resp: 267383
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.1





#83
tert-Butylbenzene
Concen: 21.11 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

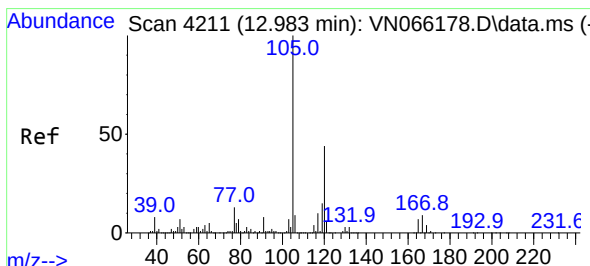
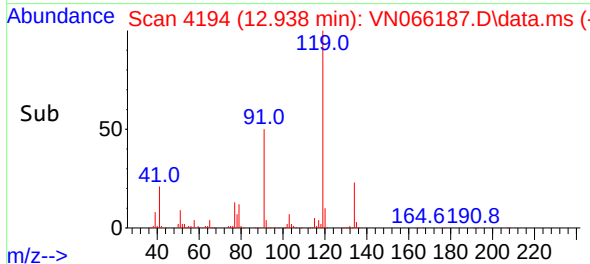
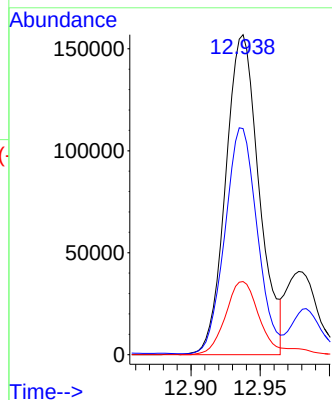
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01



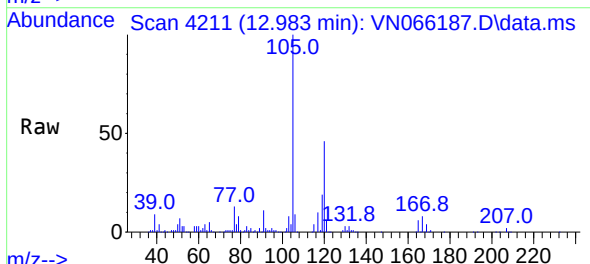
Tgt Ion:119 Resp: 263745
Ion Ratio Lower Upper
119 100
91 68.2 33.7 101.1
134 24.1 12.3 36.9

Manual Integrations
APPROVED

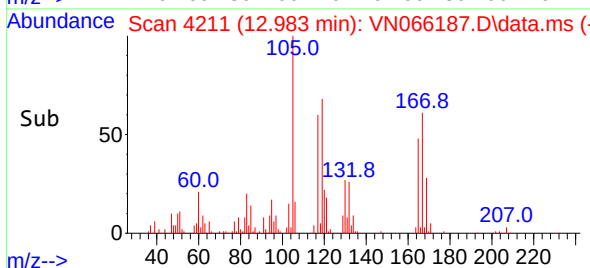
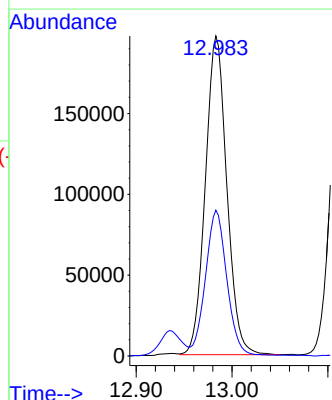
MMDadoda
3/15/2021 12:41:29 PM

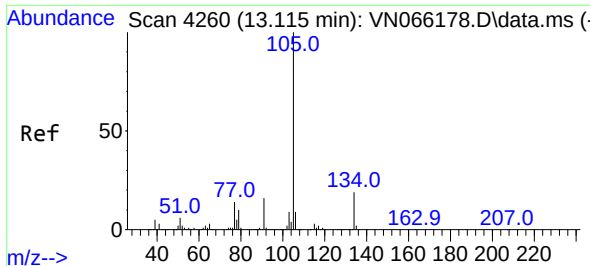


#84
1,2,4-Trimethylbenzene
Concen: 20.90 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



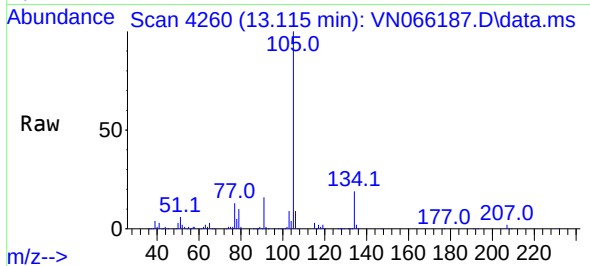
Tgt Ion:105 Resp: 306893
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 20.84 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. -0.000 min
 Lab File: VN066187.D
 Acq: 12 Mar 2021 17:28

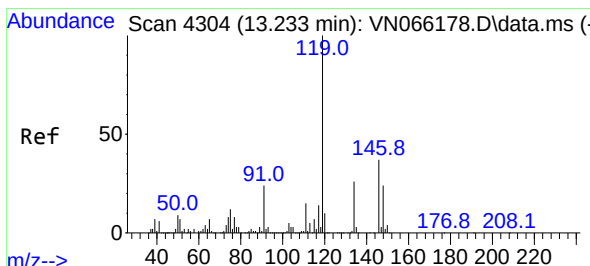
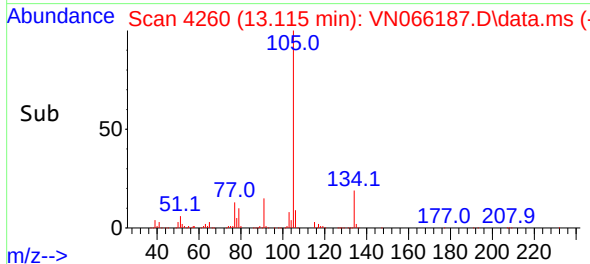
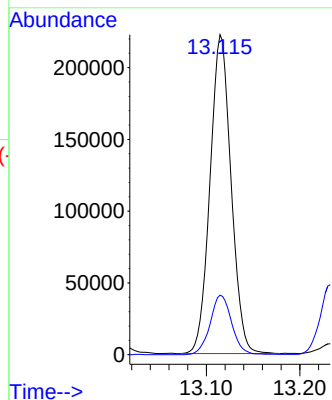
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01



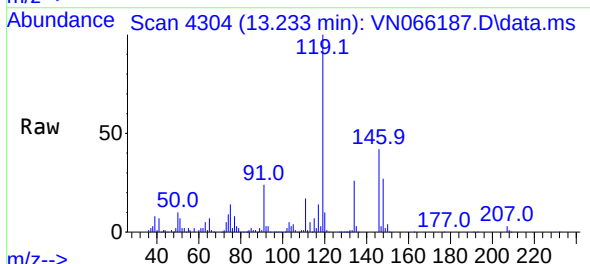
Tgt Ion:105 Resp: 347641
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8

Manual Integrations
 APPROVED

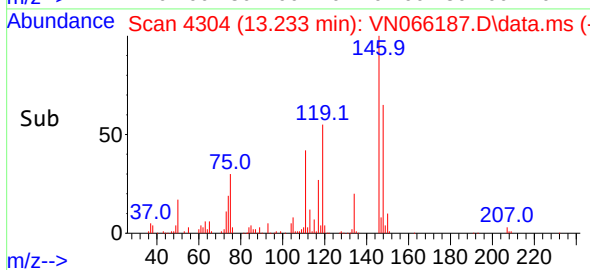
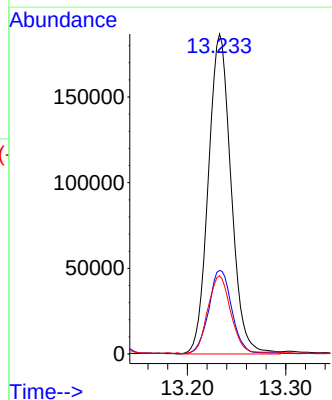
MMDadoda
 3/15/2021 12:41:29 PM

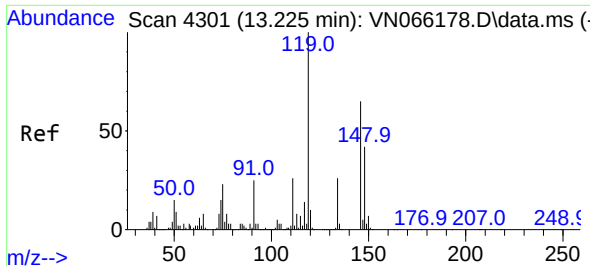


#86
 p-Isopropyltoluene
 Concen: 20.43 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. -0.000 min
 Lab File: VN066187.D
 Acq: 12 Mar 2021 17:28



Tgt Ion:119 Resp: 300450
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 24.4 12.0 36.0





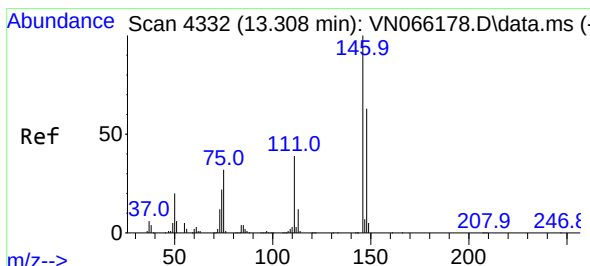
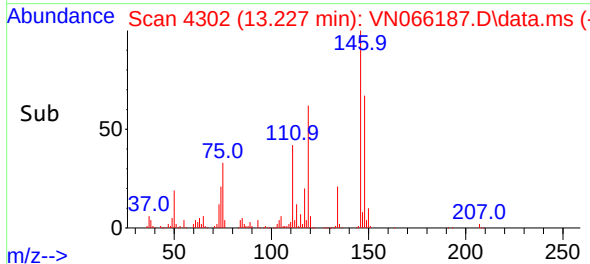
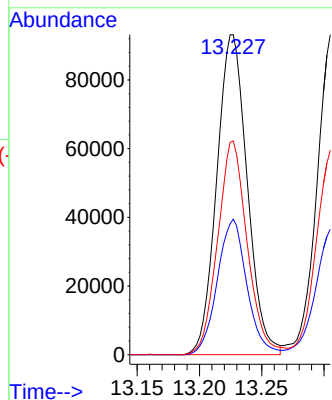
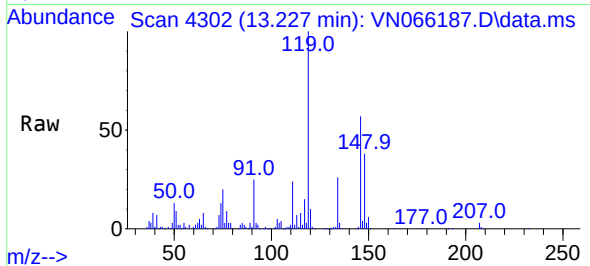
#87
1,3-Dichlorobenzene
Concen: 20.57 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:146 Resp: 158426
Ion Ratio Lower Upper
146 100
111 41.1 20.3 61.0
148 65.1 32.4 97.2

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

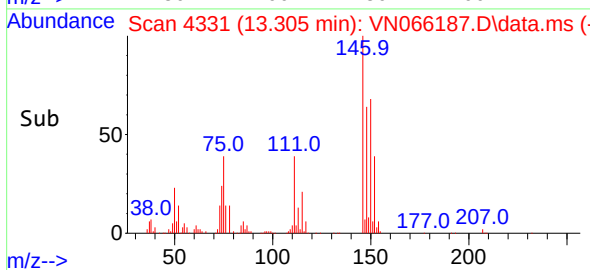
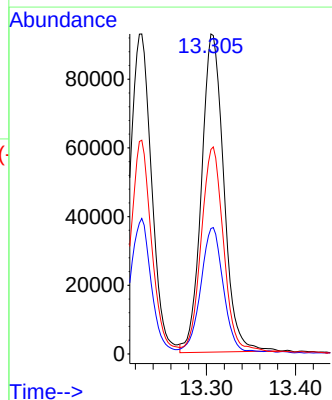
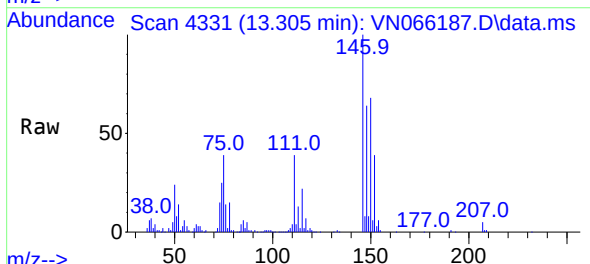
Manual Integrations
APPROVED

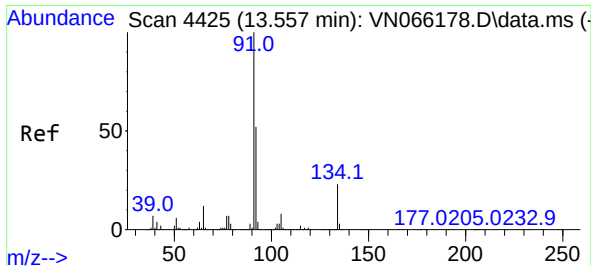
MMDadoda
3/15/2021 12:41:29 PM



#88
1,4-Dichlorobenzene
Concen: 20.43 ug/l
RT: 13.305 min Scan# 4331
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:146 Resp: 161433
Ion Ratio Lower Upper
146 100
111 39.3 19.9 59.7
148 64.8 33.2 99.6





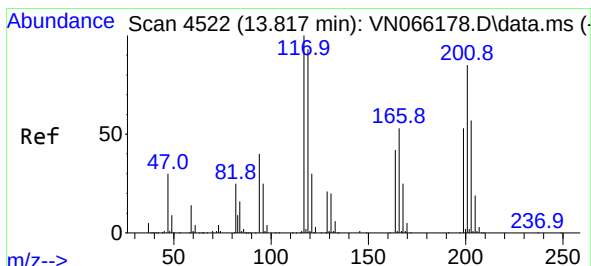
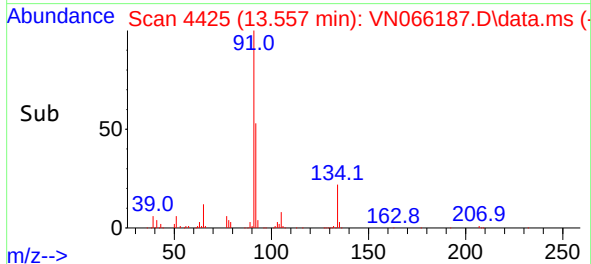
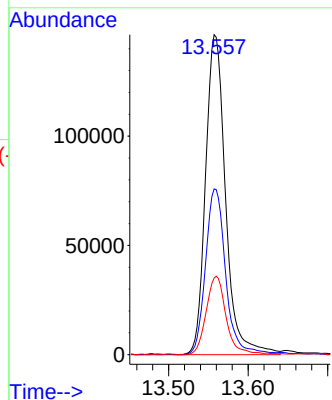
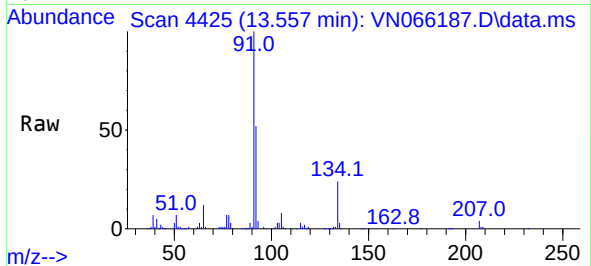
#89
n-Butylbenzene
Concen: 19.54 ug/l
RT: 13.557 min Scan# 4425
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion: 91 Resp: 256286
Ion Ratio Lower Upper
91 100
92 52.2 25.7 77.0
134 24.3 11.8 35.4

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

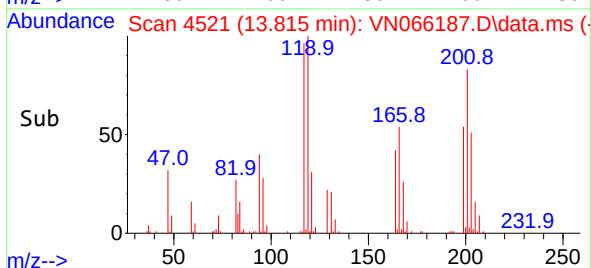
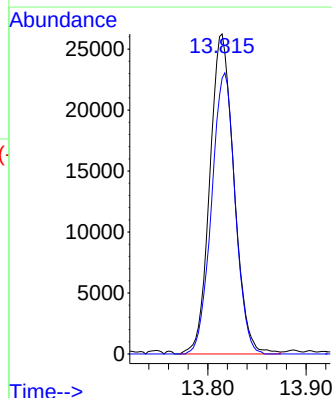
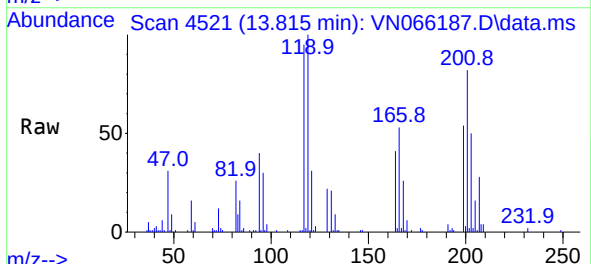
Manual Integrations
APPROVED

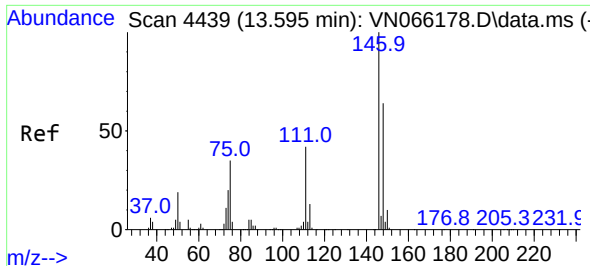
MMDadoda
3/15/2021 12:41:29 PM



#90
Hexachloroethane
Concen: 19.04 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. -0.002 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

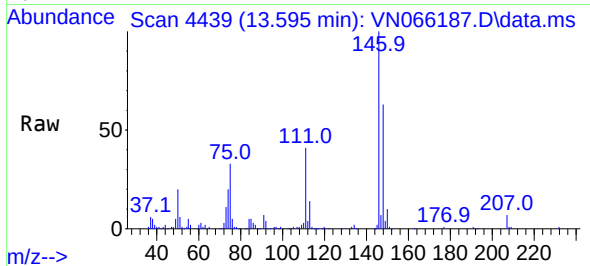
Tgt Ion: 117 Resp: 44956
Ion Ratio Lower Upper
117 100
201 85.7 42.5 127.5





#91
1,2-Dichlorobenzene
Concen: 21.14 ug/l
RT: 13.595 min Scan# 4439
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

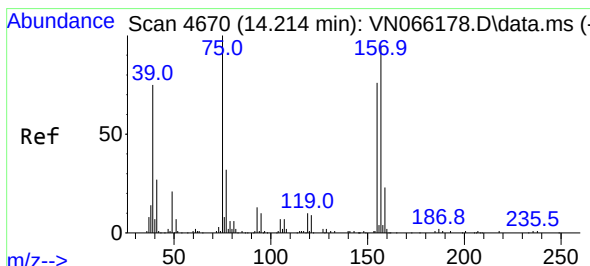
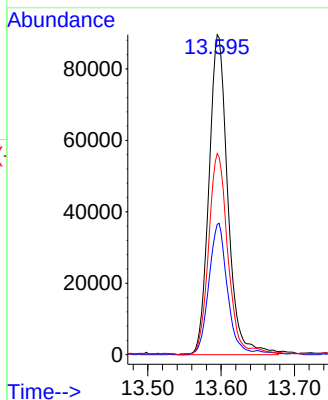
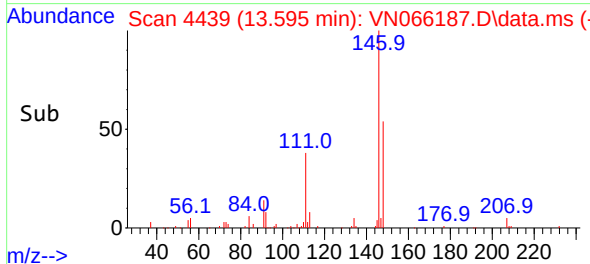
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01



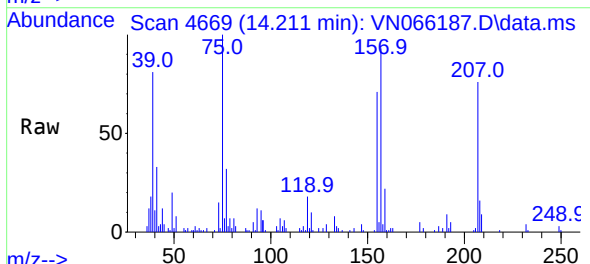
Tgt Ion:146 Resp: 160358
Ion Ratio Lower Upper
146 100
111 40.0 20.9 62.7
148 63.0 31.2 93.6

Manual Integrations
APPROVED

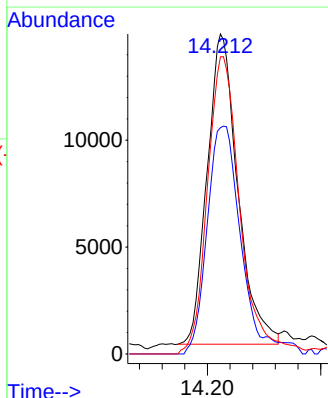
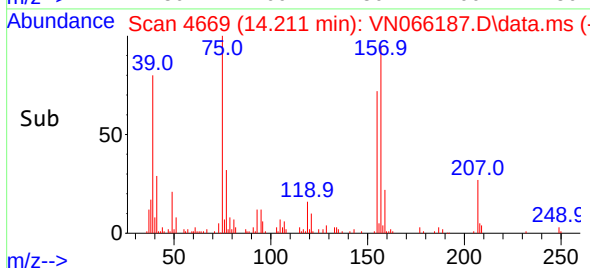
MMDadoda
3/15/2021 12:41:29 PM

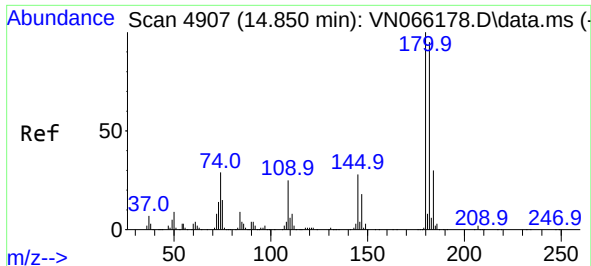


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.48 ug/l
RT: 14.211 min Scan# 4669
Delta R.T. -0.003 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

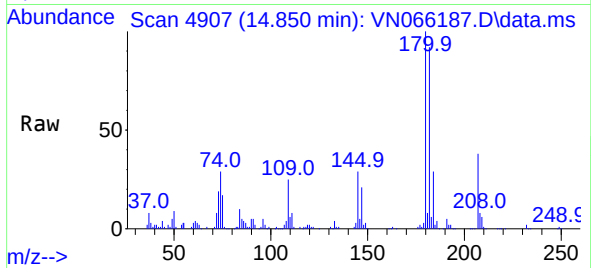


Tgt Ion: 75 Resp: 27190
Ion Ratio Lower Upper
75 100
155 81.5 36.5 109.7
157 101.9 46.3 138.8

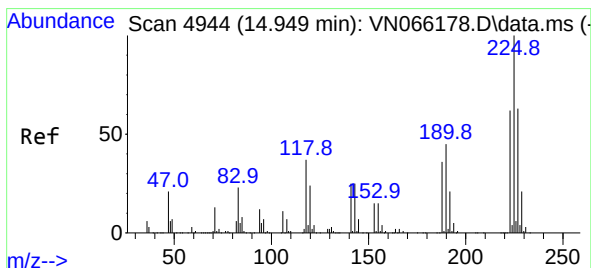
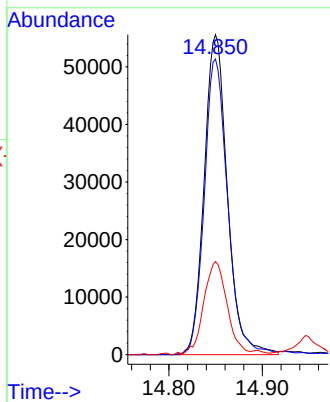
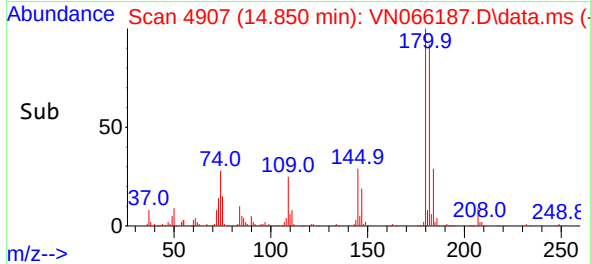




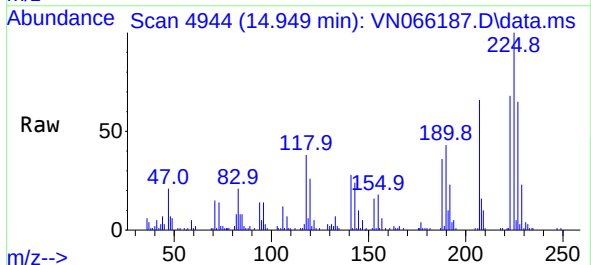
#93
1,2,4-Trichlorobenzene
Concen: 20.85 ug/l
RT: 14.850 min Scan# 4907
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



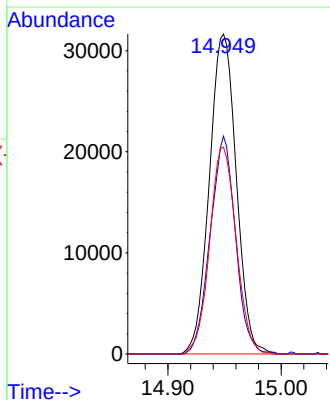
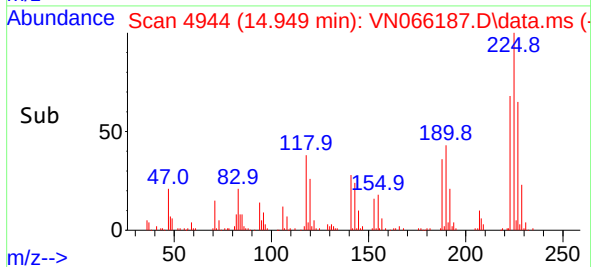
Tgt Ion:180 Resp: 96043
Ion Ratio Lower Upper
180 100
182 93.1 47.4 142.2
145 28.3 14.1 42.3



#94
Hexachlorobutadiene
Concen: 20.03 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. 0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28



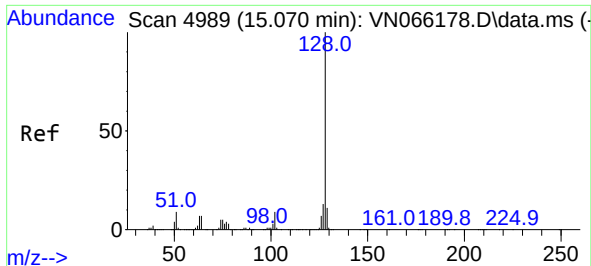
Tgt Ion:225 Resp: 52309
Ion Ratio Lower Upper
225 100
223 63.7 31.3 93.8
227 63.5 31.9 95.7



Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:41:29 PM



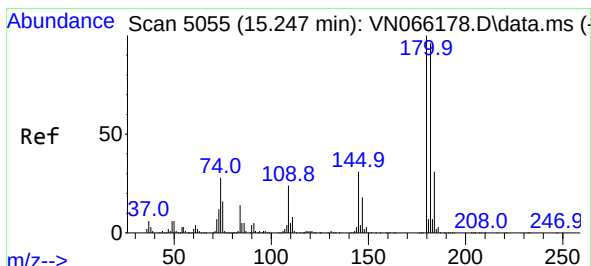
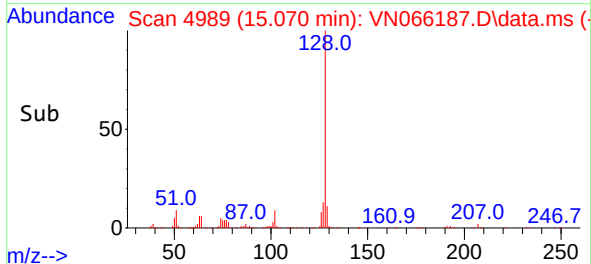
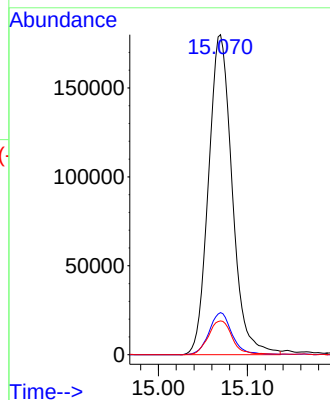
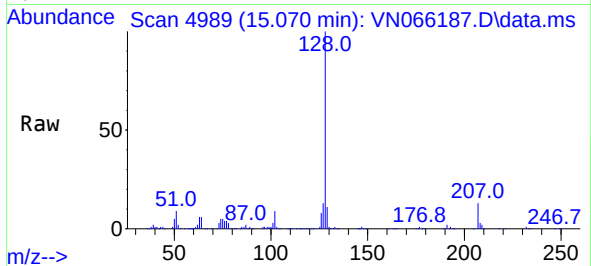
#95
Naphthalene
Concen: 23.95 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:128 Resp: 332420
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.5 8.4 12.6

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:41:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.35 ug/l
RT: 15.249 min Scan# 5056
Delta R.T. 0.002 min
Lab File: VN066187.D
Acq: 12 Mar 2021 17:28

Tgt Ion:180 Resp: 90714
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.8
145 30.1 15.6 46.8

