

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066346.D
 Acq On : 26 Mar 2021 13:56
 Operator : JC/MD
 Sample : M1458-07 0.5ppb
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 3:39:15 PM

Quant Time: Mar 27 03:20:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 27 03:14:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	422508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	662043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	577095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	234159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	286756	51.05	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.10%			
35) Dibromofluoromethane	7.507	113	225165	51.30	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.60%			
50) Toluene-d8	10.028	98	822188	49.39	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.78%			
62) 4-Bromofluorobenzene	12.345	95	257117	44.47	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.94%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.816	85	2334	0.44	ug/l	94
3) Chloromethane	2.017	50	6861	1.10	ug/l	96
4) Vinyl Chloride	2.145	62	3238	0.53	ug/l	91
5) Bromomethane	2.513	94	3642	0.89	ug/l	87
6) Chloroethane	2.650	64	2428	0.64	ug/l #	80
7) Trichlorofluoromethane	2.961	101	4313	0.51	ug/l	88
8) Diethyl Ether	3.336	74	2086	0.61	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.663	101	2480m	0.52	ug/l	
10) Methyl Iodide	3.865	142	3218m	0.48	ug/l	
11) Tert butyl alcohol	4.728	59	2582m	3.01	ug/l	
12) 1,1-Dichloroethene	3.655	96	2192	0.45	ug/l	86
13) Acrolein	3.532	56	6873	12.37	ug/l	87
14) Allyl chloride	4.229	41	4442	0.46	ug/l #	95
15) Acrylonitrile	4.876	53	6877m	2.88	ug/l	
16) Acetone	3.741	43	11416	3.76	ug/l	90
17) Carbon Disulfide	3.969	76	9383m	0.66	ug/l	
18) Methyl Acetate	4.240	43	5476	0.69	ug/l #	90
19) Methyl tert-butyl Ether	4.937	73	6745	0.47	ug/l #	90
20) Methylene Chloride	4.449	84	4460	0.76	ug/l #	75
21) trans-1,2-Dichloroethene	4.921	96	2686m	0.61	ug/l	
22) Diisopropyl ether	5.863	45	7673m	0.51	ug/l	
23) Vinyl Acetate	5.801	43	25927	2.04	ug/l	96
24) 1,1-Dichloroethane	5.739	63	4006m	0.49	ug/l	
25) 2-Butanone	6.758	43	7599m	2.29	ug/l	
26) 2,2-Dichloropropane	6.729	77	4065m	0.55	ug/l	
27) cis-1,2-Dichloroethene	6.732	96	3016	0.59	ug/l	54
28) Bromochloromethane	7.102	49	1857	0.45	ug/l #	59
29) Tetrahydrofuran	7.134	42	6401	2.96	ug/l #	61
30) Chloroform	7.281	83	3984m	0.48	ug/l	
31) Cyclohexane	7.582	56	12338	1.59	ug/l #	19
32) 1,1,1-Trichloroethane	7.477	97	3637	0.50	ug/l #	51
36) 1,1-Dichloropropene	7.702	75	2976	0.48	ug/l #	85
37) Ethyl Acetate	6.852	43	1634m	0.24	ug/l	
38) Carbon Tetrachloride	7.684	117	3081	0.49	ug/l	85
39) Methylcyclohexane	9.011	83	3566	0.47	ug/l	94
40) Benzene	7.968	78	9131	0.49	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066346.D
 Acq On : 26 Mar 2021 13:56
 Operator : JC/MD
 Sample : M1458-07 0.5ppb
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 3:39:15 PM

Quant Time: Mar 27 03:20:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 27 03:14:11 2021
 Response via : Initial Calibration

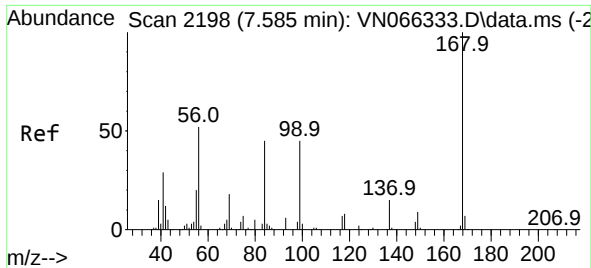
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.078	41	955	0.28	ug/l #	39
42) 1,2-Dichloroethane	8.043	62	3975	0.59	ug/l	85
43) Isopropyl Acetate	8.097	43	5341	0.46	ug/l #	89
44) Trichloroethene	8.765	130	2232	0.45	ug/l	95
45) 1,2-Dichloropropane	9.049	63	2620	0.52	ug/l	92
46) Dibromomethane	9.148	93	1550	0.47	ug/l	87
47) Bromodichloromethane	9.338	83	3364	0.50	ug/l #	97
48) Methyl methacrylate	9.137	41	1848	0.33	ug/l #	52
49) 1,4-Dioxane	9.135	88	832	11.89	ug/l #	65
51) 4-Methyl-2-Pentanone	9.923	43	17567	2.57	ug/l	96
52) Toluene	10.092	92	5577	0.48	ug/l	96
53) t-1,3-Dichloropropene	10.323	75	3551	0.48	ug/l	93
54) cis-1,3-Dichloropropene	9.778	75	4093	0.52	ug/l #	87
55) 1,1,2-Trichloroethane	10.500	97	2275	0.49	ug/l #	83
56) Ethyl methacrylate	10.374	69	3546	0.50	ug/l	91
57) 1,3-Dichloropropane	10.645	76	3869	0.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.639	63	1092	1.71	ug/l #	82
59) 2-Hexanone	10.698	43	10267	2.14	ug/l	97
60) Dibromochloromethane	10.838	129	2324	0.45	ug/l	94
61) 1,2-Dibromoethane	10.945	107	2080	0.43	ug/l	94
64) Tetrachloroethene	10.575	164	2100	0.43	ug/l	98
65) Chlorobenzene	11.371	112	5361	0.47	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.449	131	2024	0.46	ug/l #	63
67) Ethyl Benzene	11.455	91	10094	0.48	ug/l	100
68) m/p-Xylenes	11.565	106	6770	0.85	ug/l	92
69) o-Xylene	11.892	106	3407	0.44	ug/l	92
70) Styrene	11.908	104	5188	0.42	ug/l	86
71) Bromoform	12.066	173	1585	0.43	ug/l #	91
73) Isopropylbenzene	12.192	105	8474	0.49	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.450	83	2939	0.53	ug/l #	91
76) 1,2,3-Trichloropropane	12.501	75	1702m	0.33	ug/l	
77) Bromobenzene	12.468	156	2271	0.52	ug/l	93
78) n-propylbenzene	12.538	91	9494	0.50	ug/l	92
79) 2-Chlorotoluene	12.621	91	5007	0.43	ug/l	90
80) 1,3,5-Trimethylbenzene	12.683	105	7198	0.51	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.345	75	133982	78.42	ug/l #	12
82) 4-Chlorotoluene	12.728	91	4230	0.36	ug/l	80
83) tert-Butylbenzene	12.940	119	6401	0.52	ug/l	96
84) 1,2,4-Trimethylbenzene	12.986	105	6555	0.47	ug/l	93
85) sec-Butylbenzene	13.120	105	8492	0.53	ug/l	95
86) p-Isopropyltoluene	13.235	119	7742	0.54	ug/l	99
87) 1,3-Dichlorobenzene	13.233	146	4294	0.58	ug/l	91
88) 1,4-Dichlorobenzene	13.310	146	5186m	0.68	ug/l	
89) n-Butylbenzene	13.571	91	4853	0.41	ug/l	92
90) Hexachloroethane	13.812	117	1713	0.67	ug/l	68
91) 1,2-Dichlorobenzene	13.608	146	3717	0.51	ug/l	95
93) 1,2,4-Trichlorobenzene	14.858	180	4131	0.92	ug/l #	46
94) Hexachlorobutadiene	14.946	225	1715	0.70	ug/l	85
95) Naphthalene	15.081	128	13143	0.97	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.260	180	3749	0.83	ug/l #	56

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

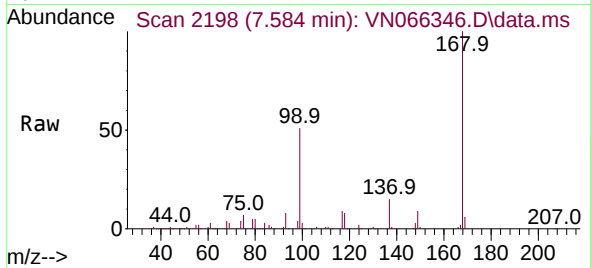
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

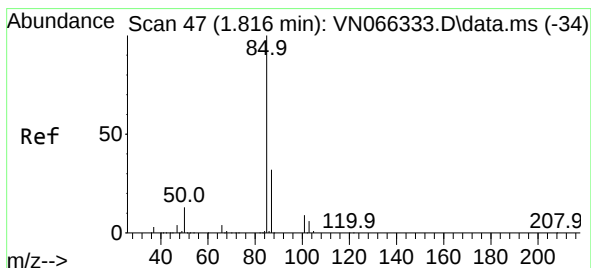
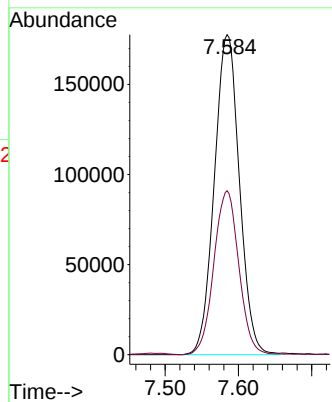
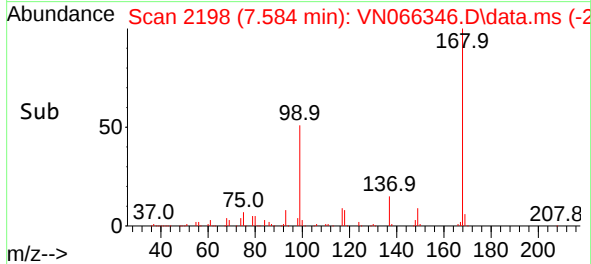
MMDadoda
3/31/2021 3:39:15 PM



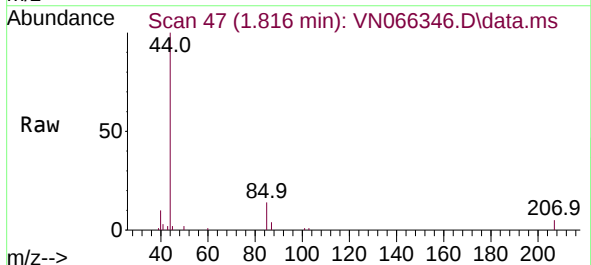
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



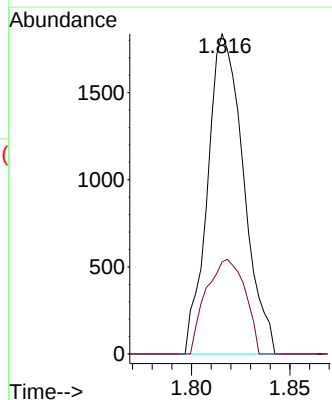
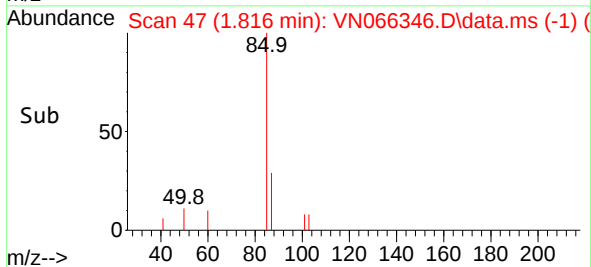
Tgt Ion: 168 Resp: 422508
Ion Ratio Lower Upper
168 100
99 51.2 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 0.44 ug/l
RT: 1.816 min Scan# 47
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



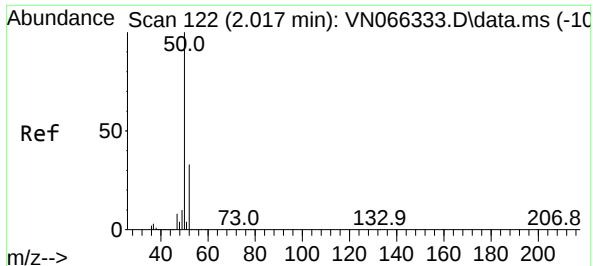
Tgt Ion: 85 Resp: 2334
Ion Ratio Lower Upper
85 100
87 28.8 16.2 48.6



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

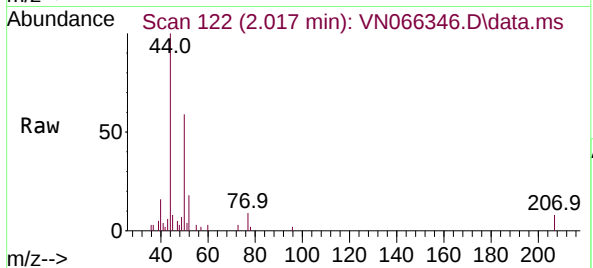
Manual Integrations
APPROVED

MMDadoda
3/31/2021 3:39:15 PM



#3
Chloromethane
Concen: 1.10 ug/l
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

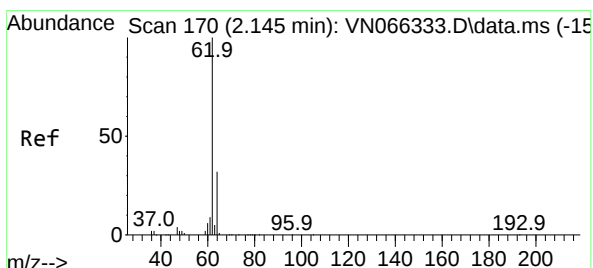
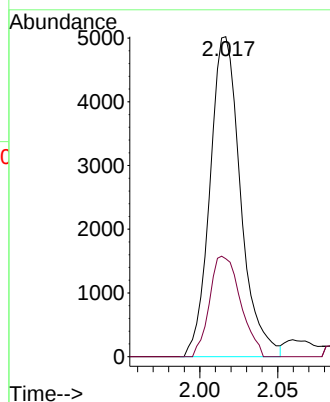
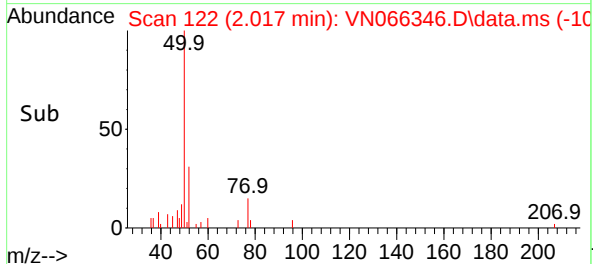
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



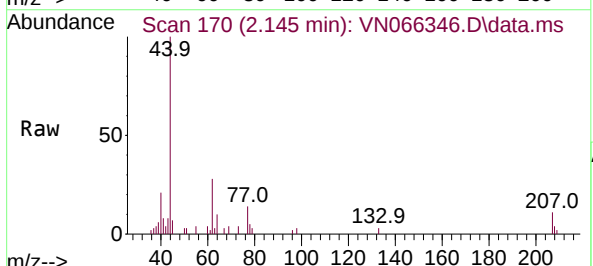
Tgt Ion: 50 Resp: 6861
Ion Ratio Lower Upper
50 100
52 30.6 26.2 39.2

Manual Integrations
APPROVED

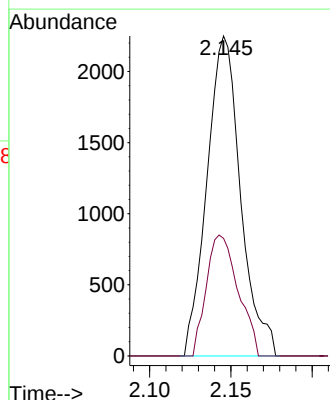
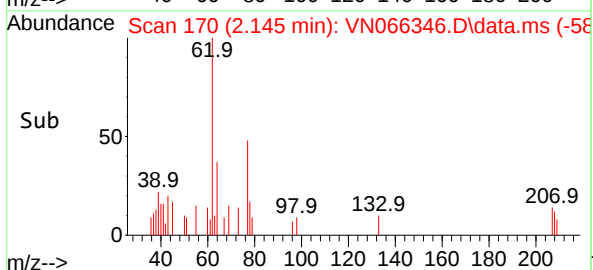
MMDadoda
3/31/2021 3:39:15 PM

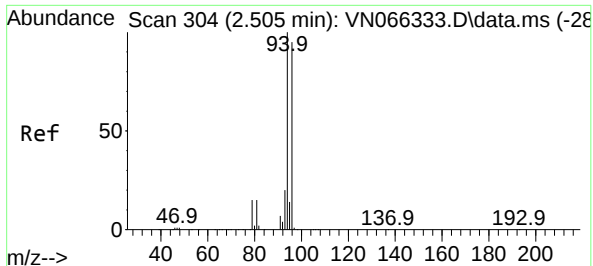


#4
Vinyl Chloride
Concen: 0.53 ug/l
RT: 2.145 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

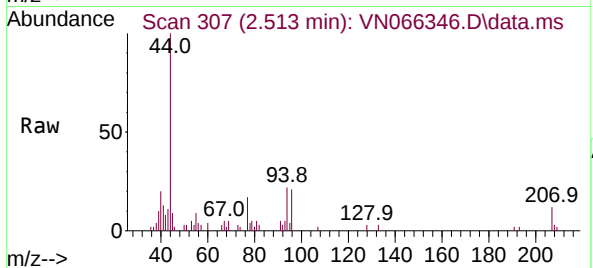


Tgt Ion: 62 Resp: 3238
Ion Ratio Lower Upper
62 100
64 36.8 25.6 38.4

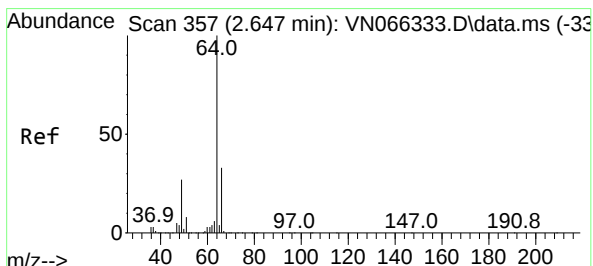
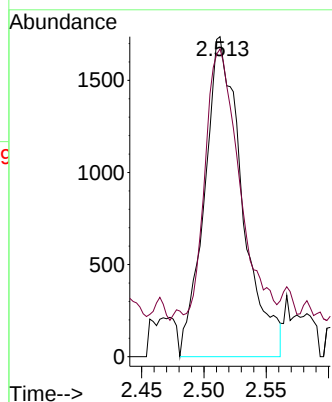
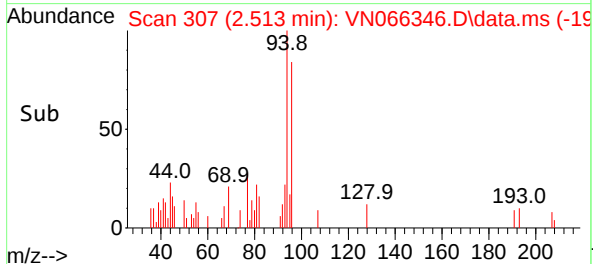




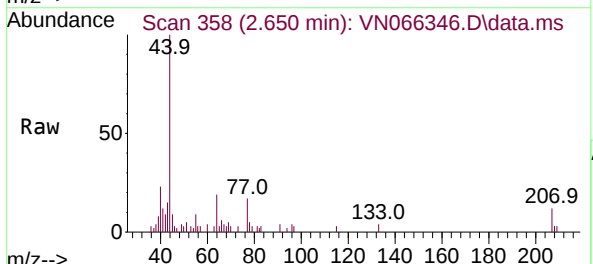
#5
Bromomethane
Concen: 0.89 ug/l
RT: 2.513 min Scan# 307
Delta R.T. 0.008 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



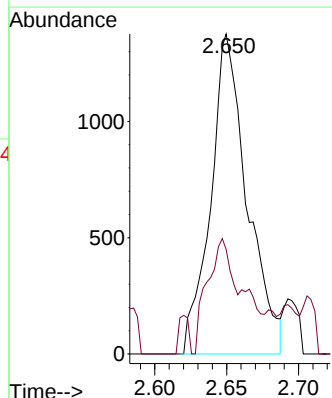
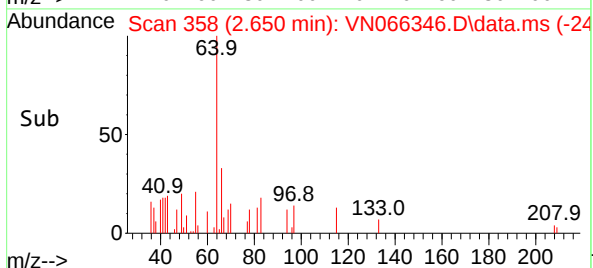
Tgt Ion: 94 Resp: 3642
Ion Ratio Lower Upper
94 100
96 81.9 75.8 113.6



#6
Chloroethane
Concen: 0.64 ug/l
RT: 2.650 min Scan# 358
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



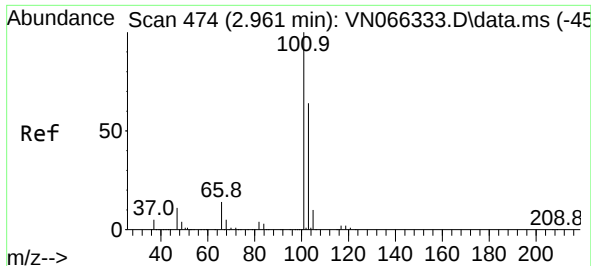
Tgt Ion: 64 Resp: 2428
Ion Ratio Lower Upper
64 100
66 21.4 26.1 39.1#



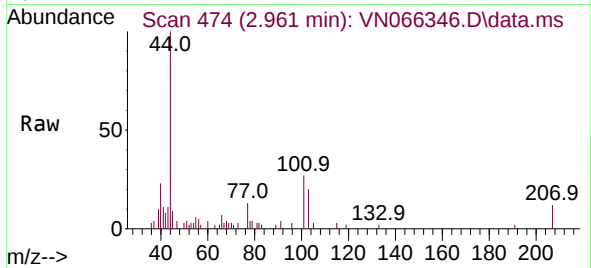
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

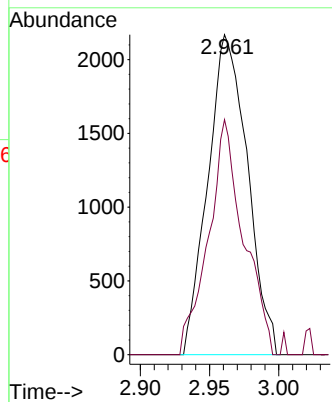
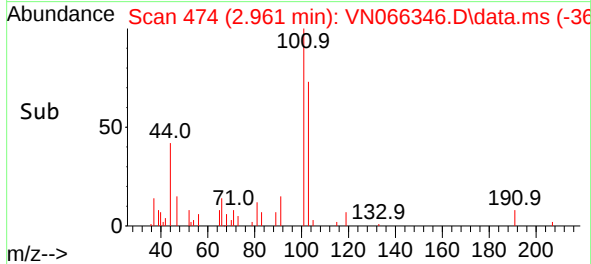
MMDadoda
3/31/2021 3:39:15 PM



#7
 Trichlorofluoromethane
 Concen: 0.51 ug/l
 RT: 2.961 min Scan# 474
 Delta R.T. -0.000 min
 Lab File: VN066346.D
 Acq: 26 Mar 2021 13:56



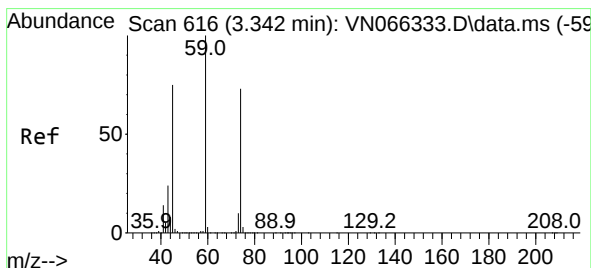
Tgt Ion:101 Resp: 4313
 Ion Ratio Lower Upper
 101 100
 103 73.4 51.4 77.0



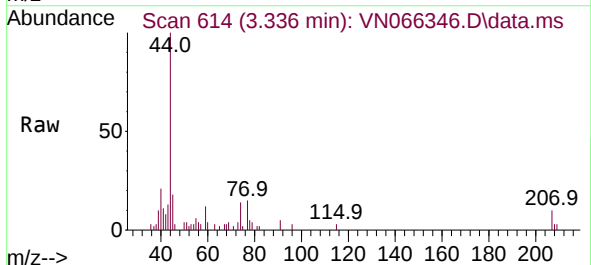
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

Manual Integrations
 APPROVED

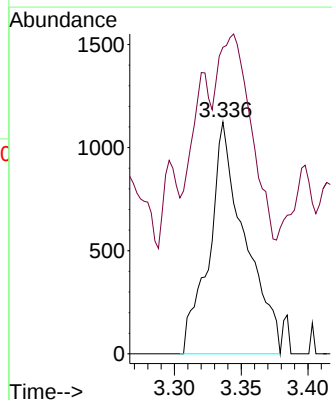
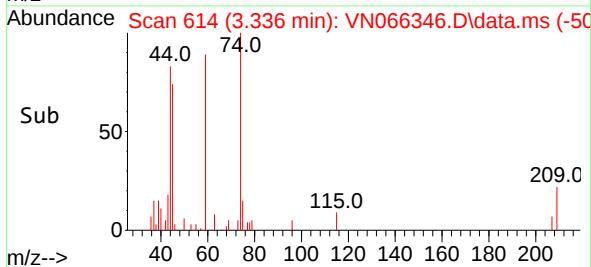
MMDadoda
 3/31/2021 3:39:15 PM

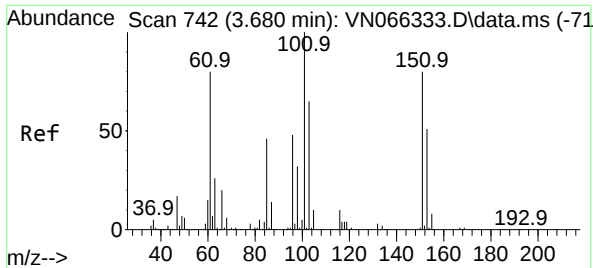


#8
 Diethyl Ether
 Concen: 0.61 ug/l
 RT: 3.336 min Scan# 614
 Delta R.T. -0.005 min
 Lab File: VN066346.D
 Acq: 26 Mar 2021 13:56



Tgt Ion: 74 Resp: 2086
 Ion Ratio Lower Upper
 74 100
 45 81.9 51.6 154.8





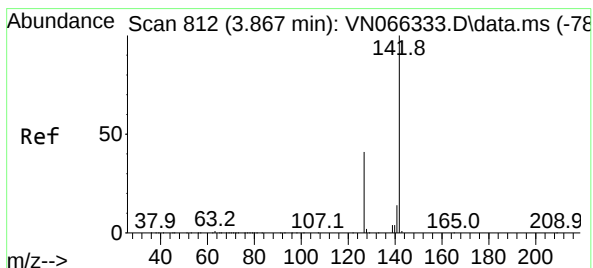
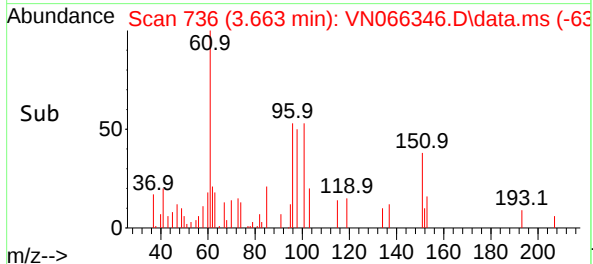
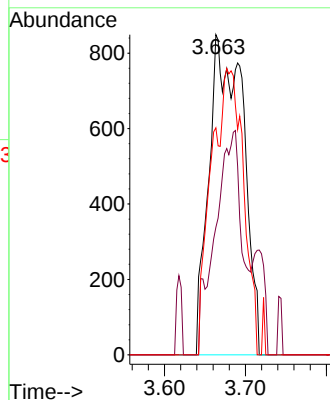
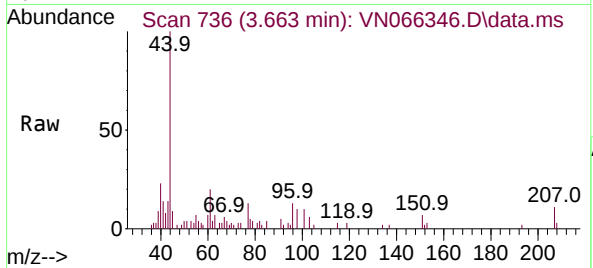
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.52 ug/l m
RT: 3.663 min Scan# 736
Delta R.T. -0.017 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:	101	Resp:	2480
Ion	Ratio	Lower	Upper
101	100		
85	3.8	36.8	55.2#
151	29.2	63.0	94.4#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

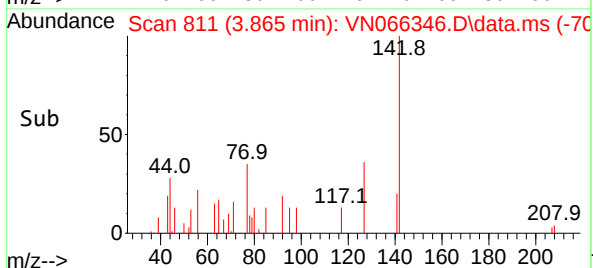
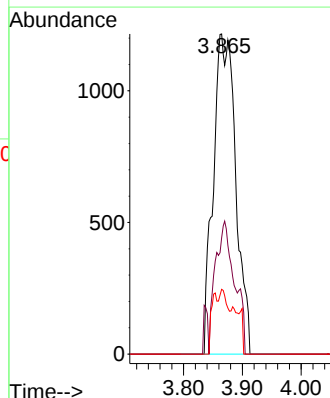
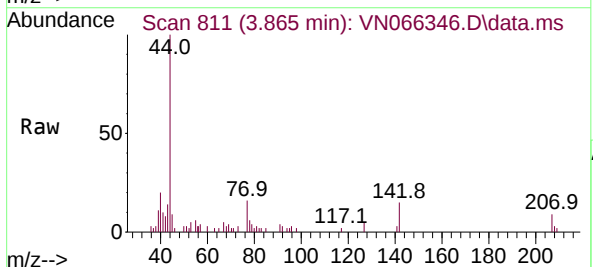
Manual Integrations
APPROVED

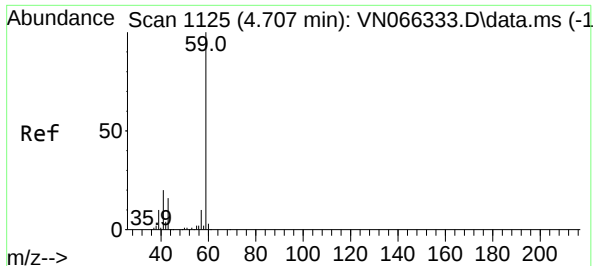
MMDadoda
3/31/2021 3:39:15 PM



#10
Methyl Iodide
Concen: 0.48 ug/l m
RT: 3.865 min Scan# 811
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:	142	Resp:	3218
Ion	Ratio	Lower	Upper
142	100		
127	35.6	33.0	49.6
141	5.0	11.1	16.7#





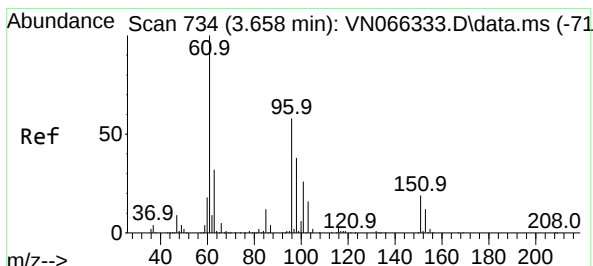
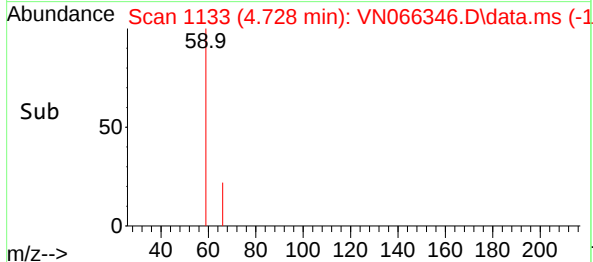
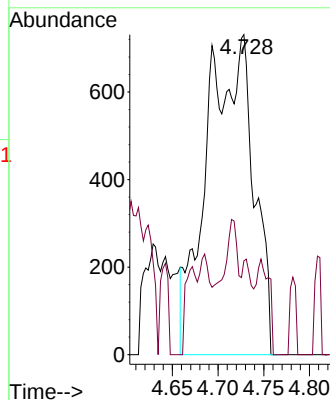
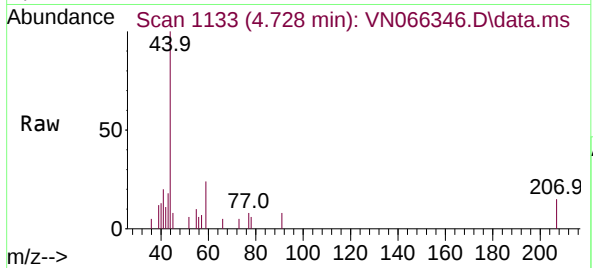
#11
Tert butyl alcohol
Concen: 3.01 ug/l m
RT: 4.728 min Scan# 1133
Delta R.T. 0.021 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 59 Resp: 2582
Ion Ratio Lower Upper
59 100
57 4.1 4.1 6.1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

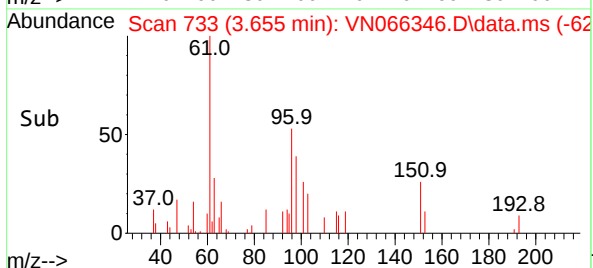
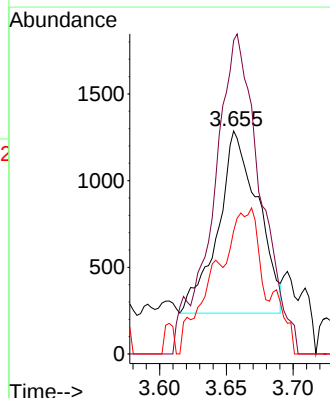
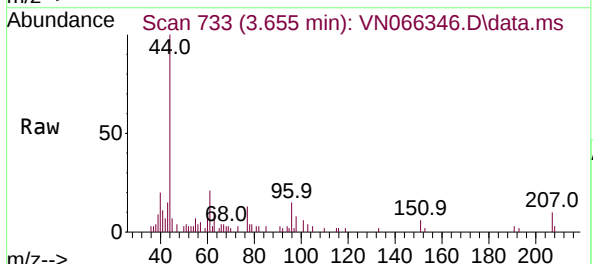
Manual Integrations
APPROVED

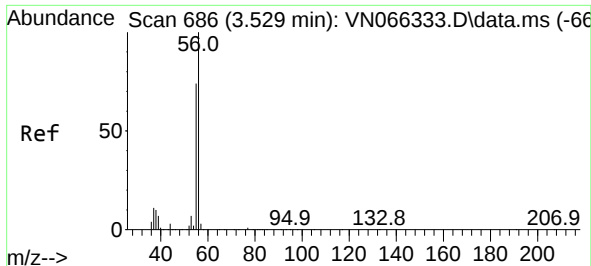
MMDadoda
3/31/2021 3:39:15 PM



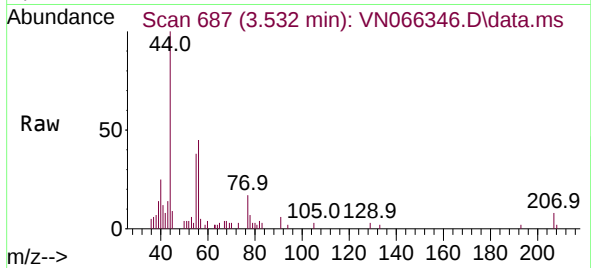
#12
1,1-Dichloroethene
Concen: 0.45 ug/l
RT: 3.655 min Scan# 733
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 96 Resp: 2192
Ion Ratio Lower Upper
96 100
61 146.3 137.0 205.4
98 67.6 51.5 77.3

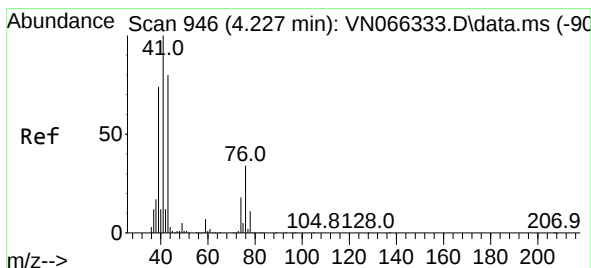
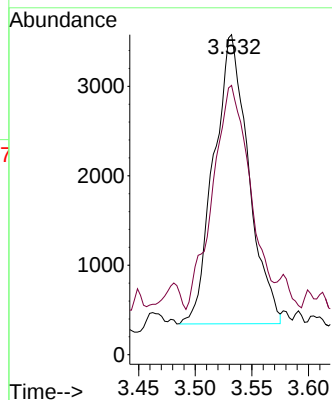
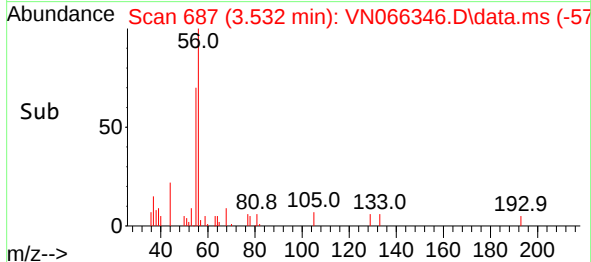




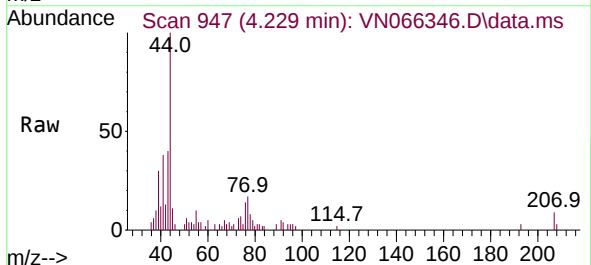
#13
Acrolein
Concen: 12.37 ug/l
RT: 3.532 min Scan# 687
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



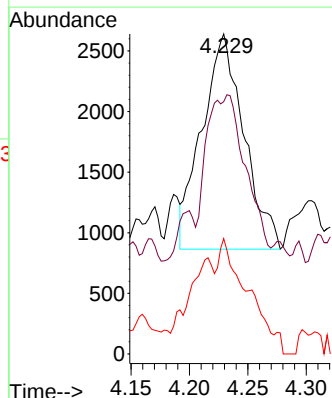
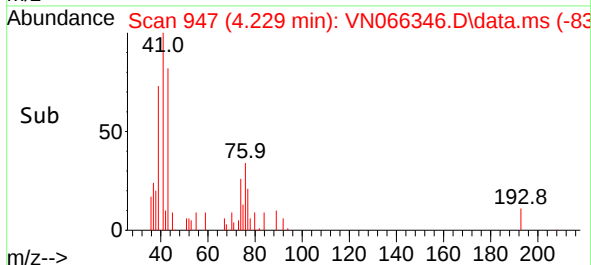
Tgt Ion: 56 Resp: 6873
Ion Ratio Lower Upper
56 100
55 83.3 57.9 86.9



#14
Allyl chloride
Concen: 0.46 ug/l
RT: 4.229 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



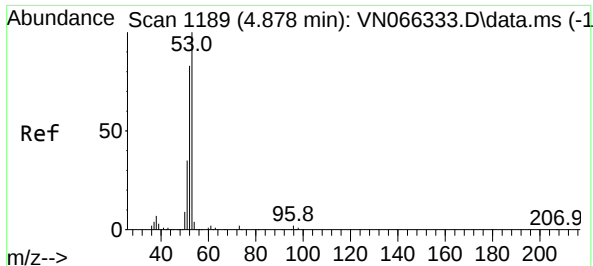
Tgt Ion: 41 Resp: 4442
Ion Ratio Lower Upper
41 100
39 68.1 55.3 82.9
76 38.3 24.6 36.8#



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

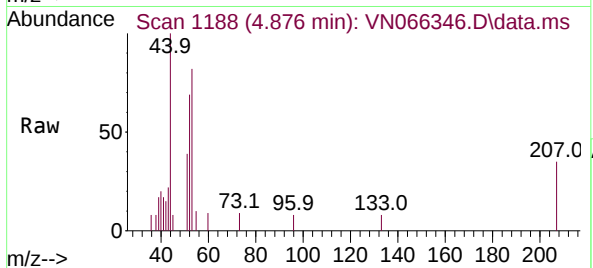
Manual Integrations
APPROVED

MMDadoda
3/31/2021 3:39:15 PM



#15
Acrylonitrile
Concen: 2.88 ug/l m
RT: 4.876 min Scan# 1188
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

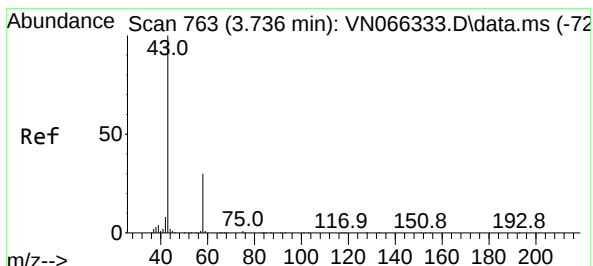
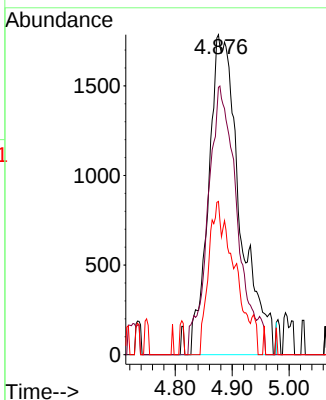
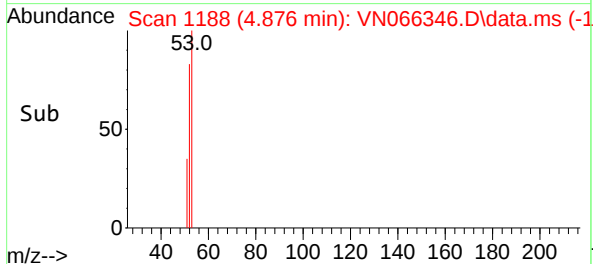
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



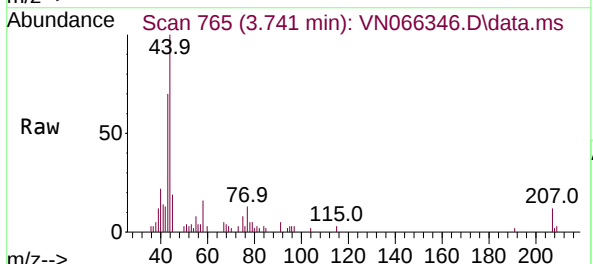
Tgt Ion: 53 Resp: 6877
Ion Ratio Lower Upper
53 100
52 75.9 66.6 99.8
51 18.8 29.4 44.0#

Manual Integrations
APPROVED

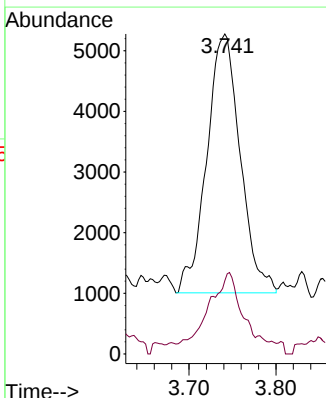
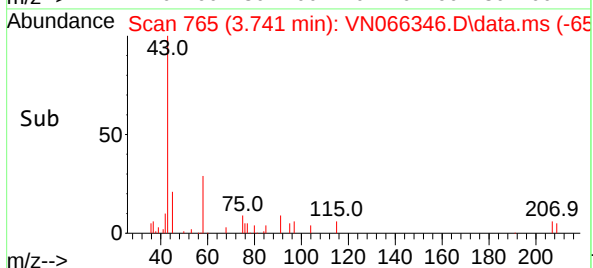
MMDadoda
3/31/2021 3:39:15 PM

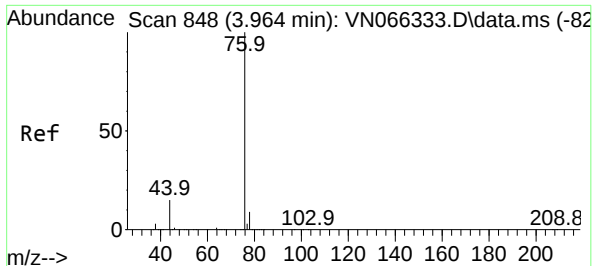


#16
Acetone
Concen: 3.76 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.005 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



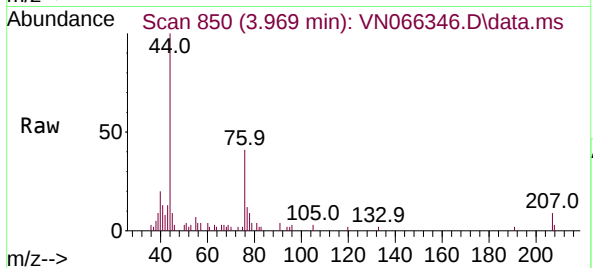
Tgt Ion: 43 Resp: 11416
Ion Ratio Lower Upper
43 100
58 24.5 23.8 35.8





#17
Carbon Disulfide
Concen: 0.66 ug/l m
RT: 3.969 min Scan# 850
Delta R.T. 0.005 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

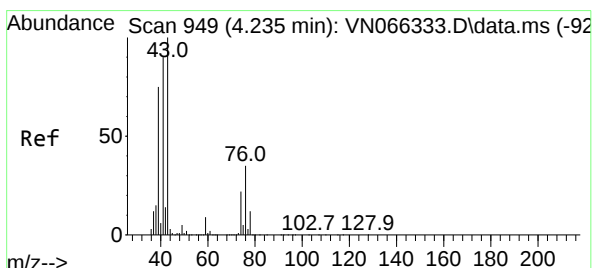
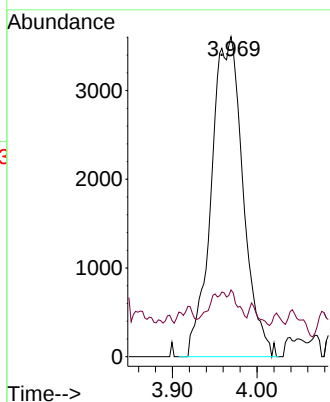
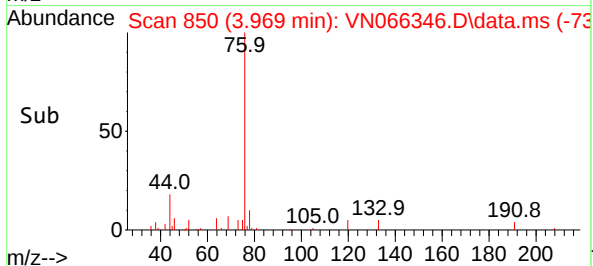
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



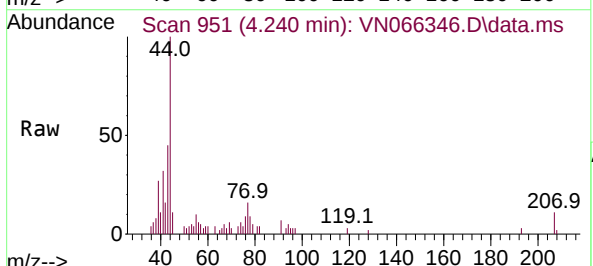
Tgt Ion: 76 Resp: 9383
Ion Ratio Lower Upper
76 100
78 20.8 7.4 11.0#

Manual Integrations
APPROVED

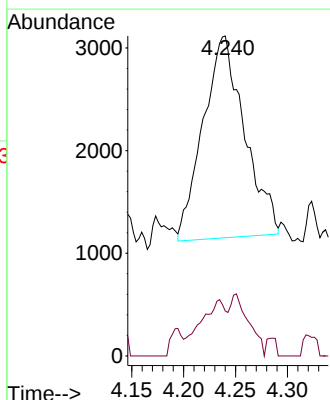
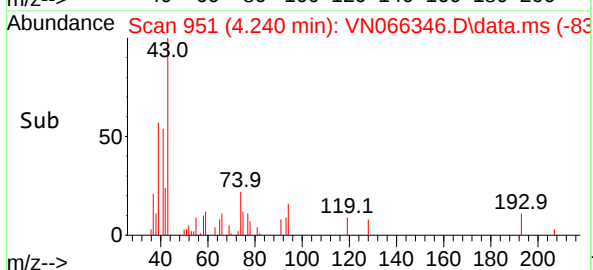
MMDadoda
3/31/2021 3:39:15 PM

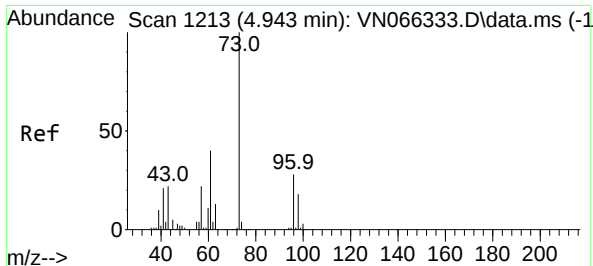


#18
Methyl Acetate
Concen: 0.69 ug/l
RT: 4.240 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



Tgt Ion: 43 Resp: 5476
Ion Ratio Lower Upper
43 100
74 17.0 17.6 26.4#





#19

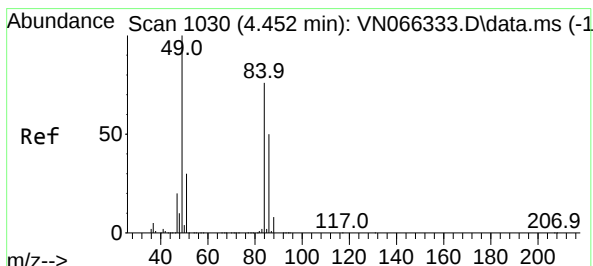
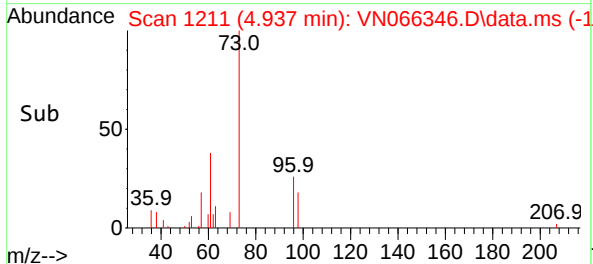
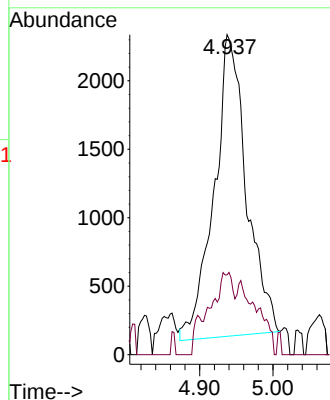
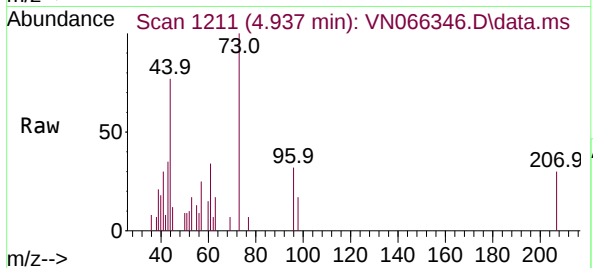
Methyl tert-butyl Ether
Concen: 0.47 ug/l
RT: 4.937 min Scan# 1211
Delta R.T. -0.005 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 73 Resp: 6745
Ion Ratio Lower Upper
73 100
57 26.9 17.6 26.4#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

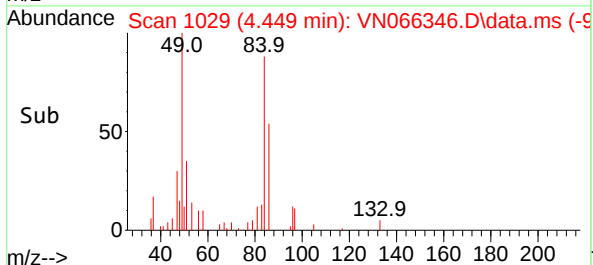
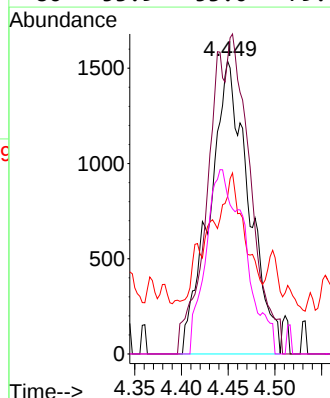
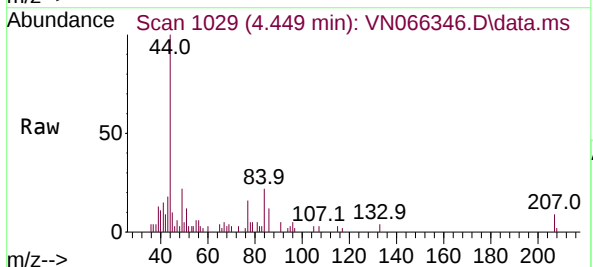
MMDadoda
3/31/2021 3:39:15 PM

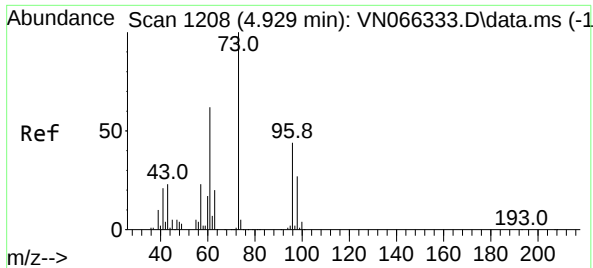


#20

Methylene Chloride
Concen: 0.76 ug/l
RT: 4.449 min Scan# 1029
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 84 Resp: 4460
Ion Ratio Lower Upper
84 100
49 90.0 105.0 157.6#
51 35.7 31.6 47.4
86 53.9 53.0 79.6





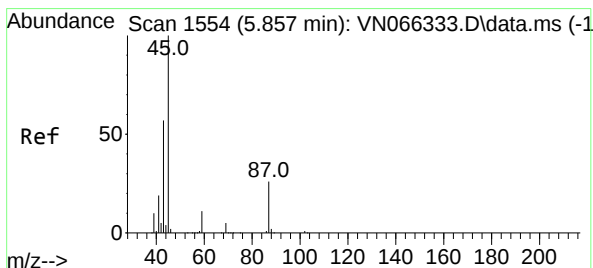
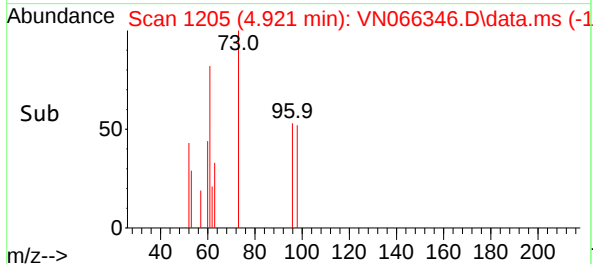
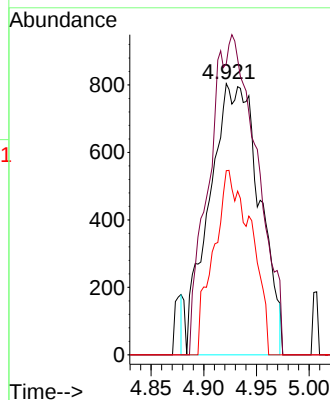
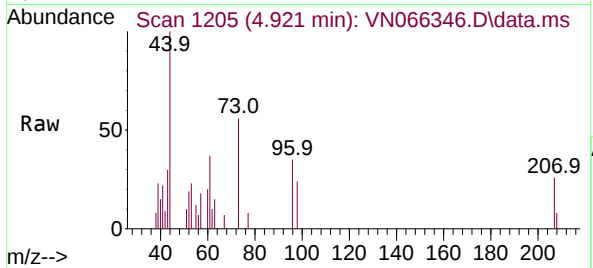
#21
trans-1,2-Dichloroethene
Concen: 0.61 ug/l m
RT: 4.921 min Scan# 1205
Delta R.T. -0.008 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 96 Resp: 2686
Ion Ratio Lower Upper
96 100
61 107.3 113.7 170.5#
98 67.9 50.2 75.2

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

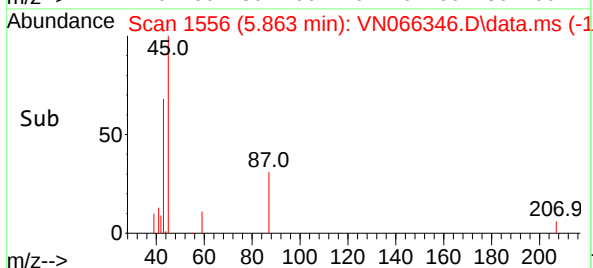
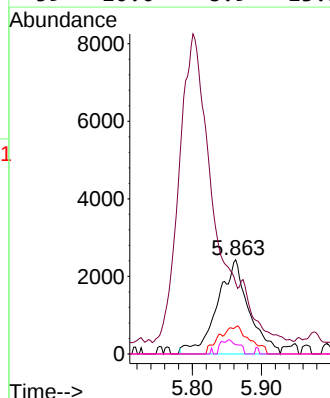
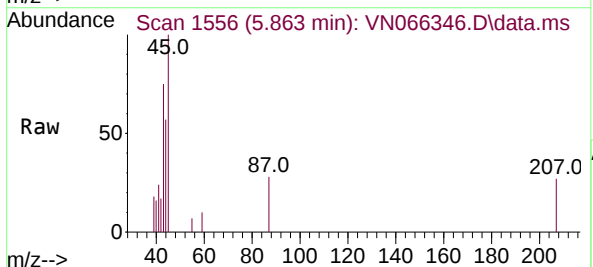
Manual Integrations
APPROVED

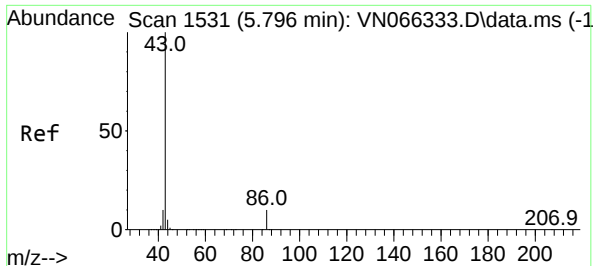
MMDadoda
3/31/2021 3:39:15 PM



#22
Diisopropyl ether
Concen: 0.51 ug/l m
RT: 5.863 min Scan# 1556
Delta R.T. 0.005 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 45 Resp: 7673
Ion Ratio Lower Upper
45 100
43 75.2 48.1 72.1#
87 28.5 21.6 32.4
59 10.0 8.9 13.3





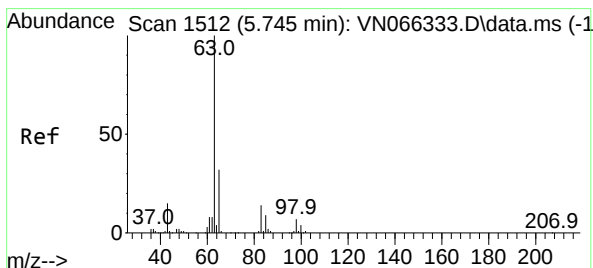
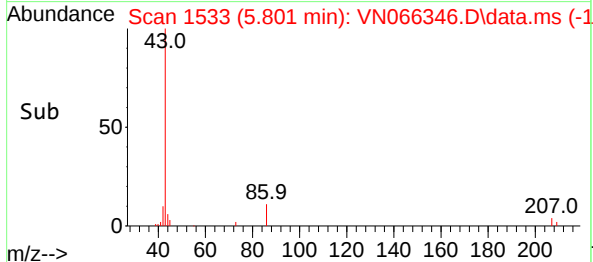
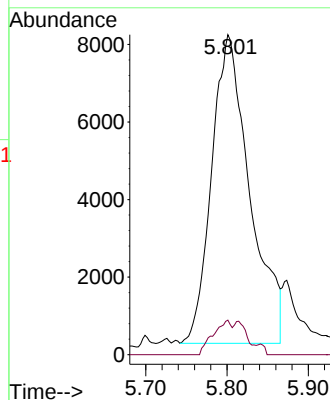
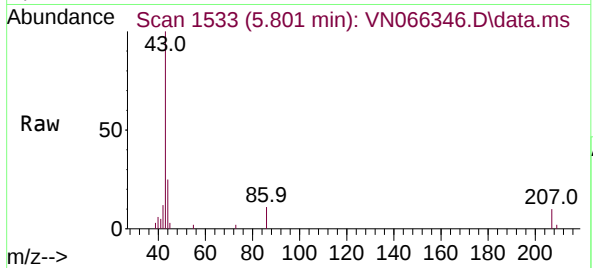
#23
 Vinyl Acetate
 Concen: 2.04 ug/l
 RT: 5.801 min Scan# 1533
 Delta R.T. 0.005 min
 Lab File: VN066346.D
 Acq: 26 Mar 2021 13:56

Tgt Ion: 43 Resp: 25927
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.7 11.5

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

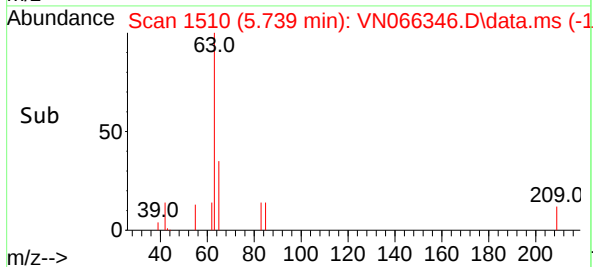
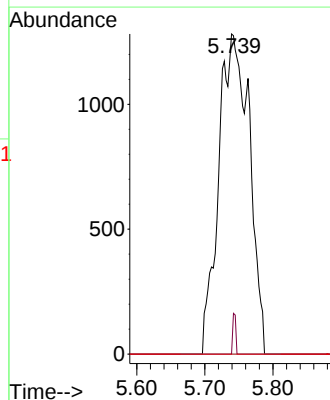
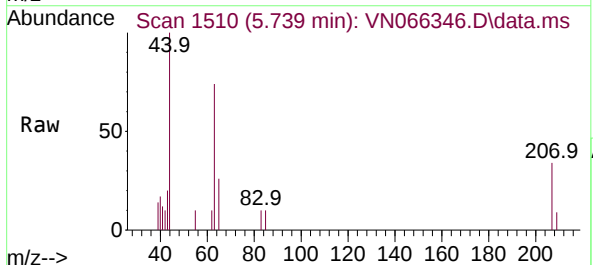
Manual Integrations
 APPROVED

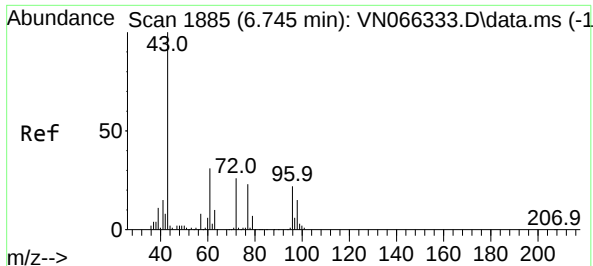
MMDadoda
 3/31/2021 3:39:15 PM



#24
 1,1-Dichloroethane
 Concen: 0.49 ug/l m
 RT: 5.739 min Scan# 1510
 Delta R.T. -0.005 min
 Lab File: VN066346.D
 Acq: 26 Mar 2021 13:56

Tgt Ion: 63 Resp: 4006
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.1#
 100 0.0 2.0 6.0#





#25

2-Butanone

Concen: 2.29 ug/l m

RT: 6.758 min Scan# 1890

Delta R.T. 0.013 min

Lab File: VN066346.D

Acq: 26 Mar 2021 13:56

Tgt Ion: 43 Resp: 7599

Ion Ratio Lower Upper

43 100

72 23.5 20.7 31.1

Instrument :

MSVOA_N

ClientSampleId :

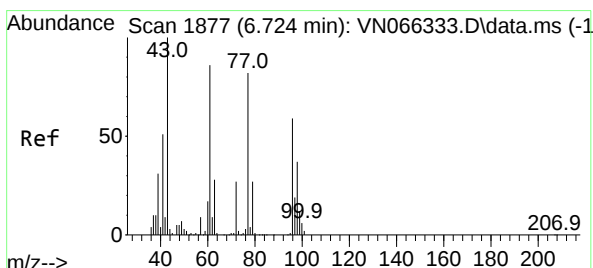
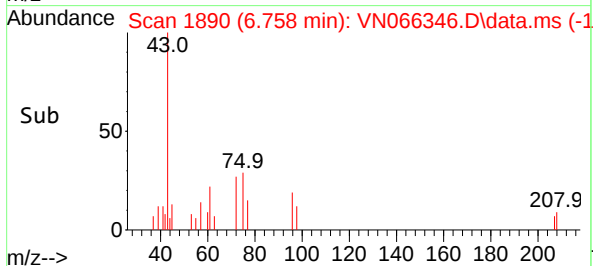
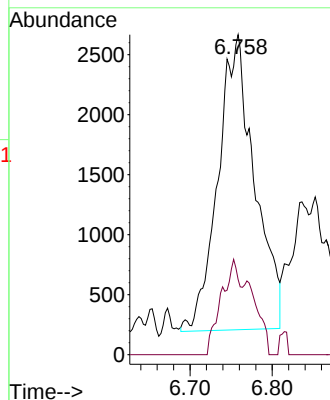
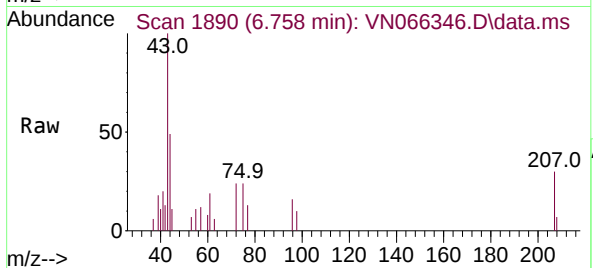
LOD-MDL-WATER-01-QT1-2021

Manual Integrations

APPROVED

MMDadoda

3/31/2021 3:39:15 PM



#26

2,2-Dichloropropane

Concen: 0.55 ug/l m

RT: 6.729 min Scan# 1879

Delta R.T. 0.005 min

Lab File: VN066346.D

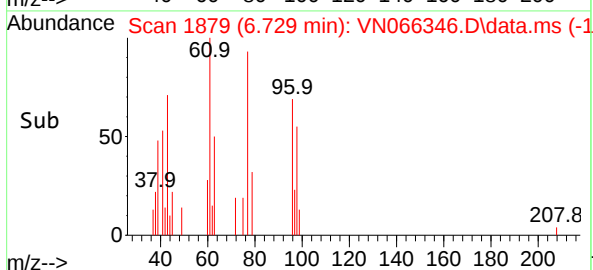
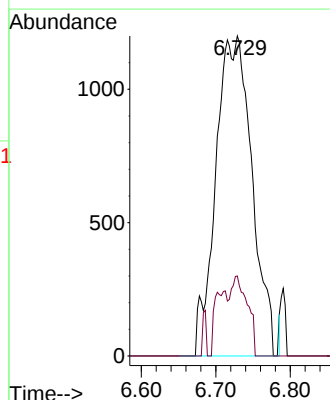
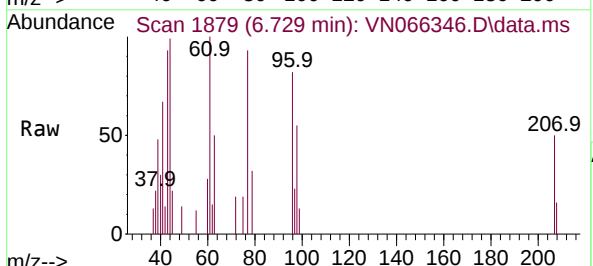
Acq: 26 Mar 2021 13:56

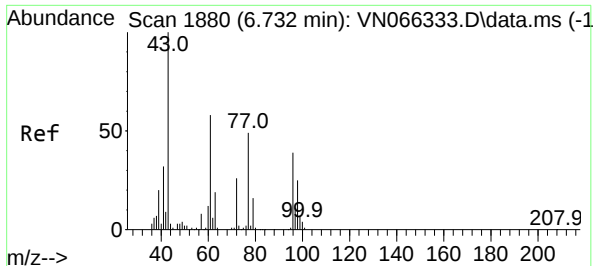
Tgt Ion: 77 Resp: 4065

Ion Ratio Lower Upper

77 100

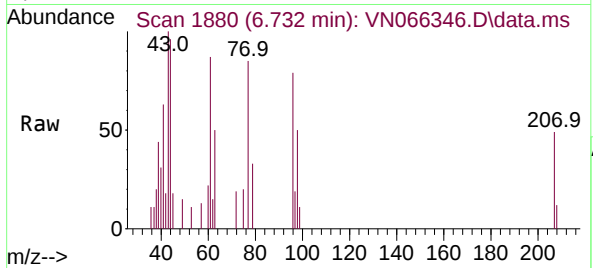
97 7.0 11.6 34.7#





#27
cis-1,2-Dichloroethene
Concen: 0.59 ug/l
RT: 6.732 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

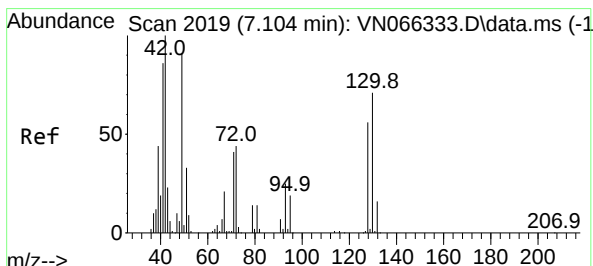
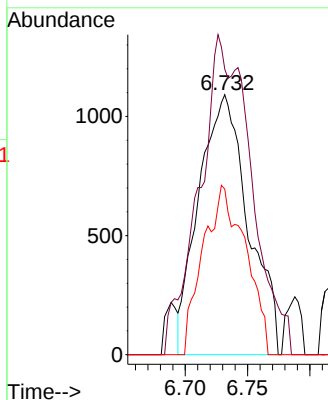
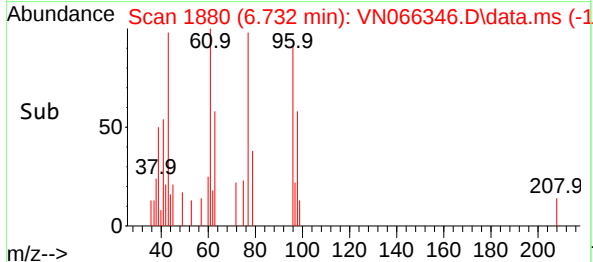
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



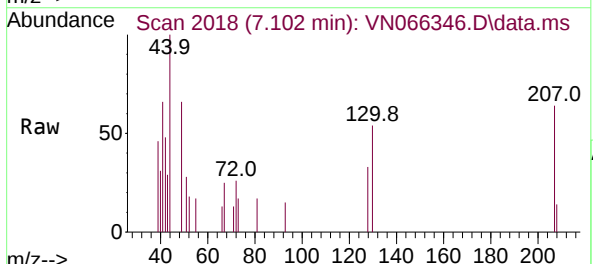
Tgt Ion: 96 Resp: 3016
Ion Ratio Lower Upper
96 100
61 71.3 0.0 296.2
98 55.9 0.0 129.2

Manual Integrations
APPROVED

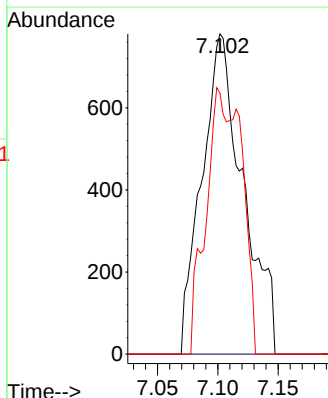
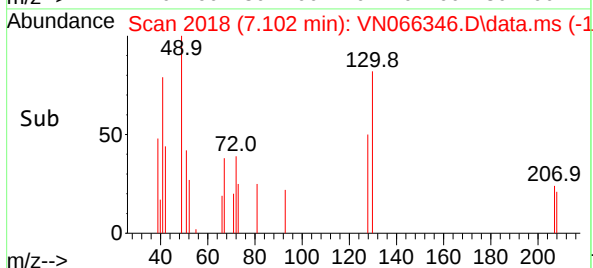
MMDadoda
3/31/2021 3:39:15 PM

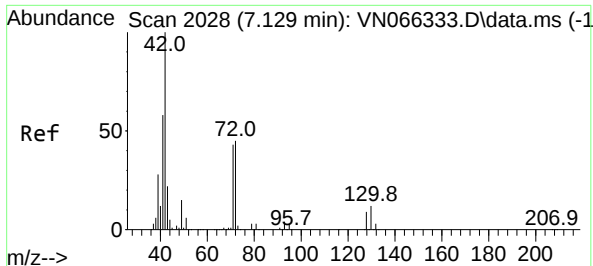


#28
Bromochloromethane
Concen: 0.45 ug/l
RT: 7.102 min Scan# 2018
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



Tgt Ion: 49 Resp: 1857
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 41.1 61.6 92.4#





#29

Tetrahydrofuran

Concen: 2.96 ug/l

RT: 7.134 min Scan# 2030

Delta R.T. 0.005 min

Lab File: VN066346.D

Acq: 26 Mar 2021 13:56

Tgt Ion:	42	Resp:	6401
Ion	Ratio	Lower	Upper
42	100		
72	14.3	35.2	52.8#
71	21.0	33.1	49.7#

Instrument :

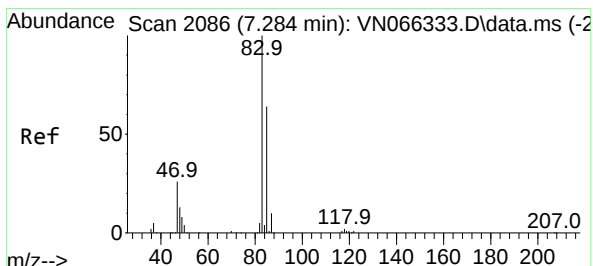
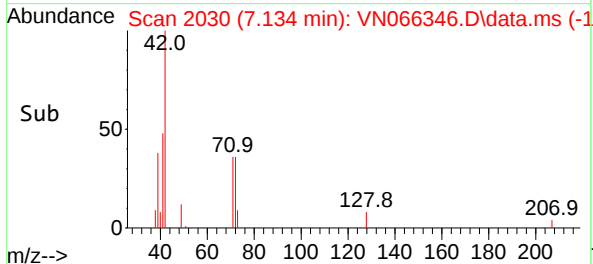
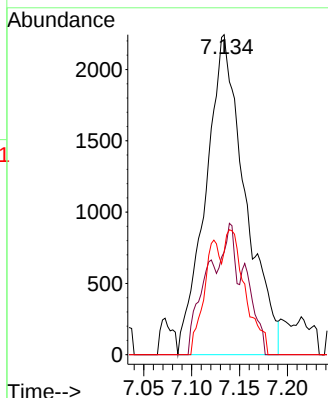
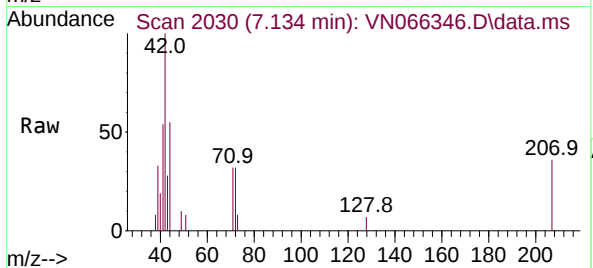
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

MMDadoda
3/31/2021 3:39:15 PM



#30

Chloroform

Concen: 0.48 ug/l m

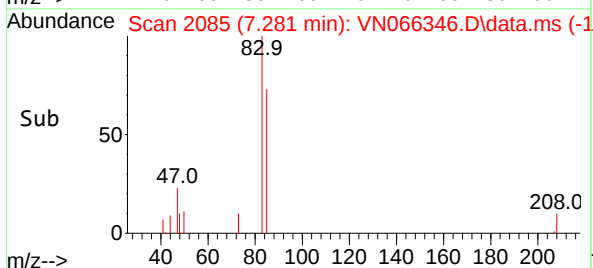
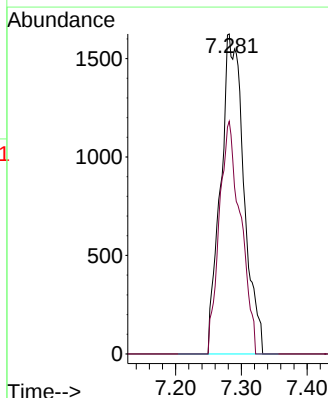
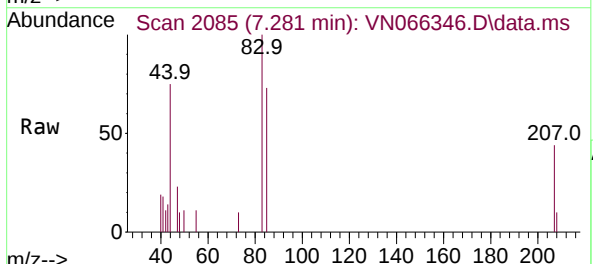
RT: 7.281 min Scan# 2085

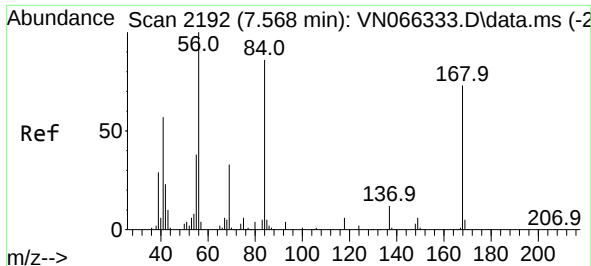
Delta R.T. -0.003 min

Lab File: VN066346.D

Acq: 26 Mar 2021 13:56

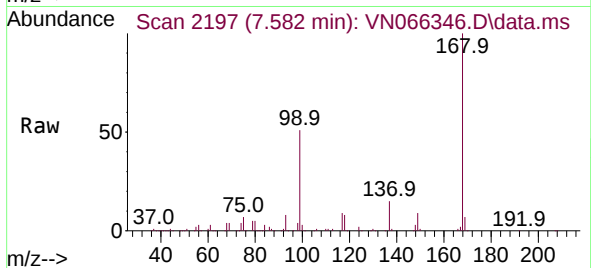
Tgt Ion:	83	Resp:	3984
Ion	Ratio	Lower	Upper
83	100		
85	72.7	51.3	76.9





#31
Cyclohexane
Concen: 1.59 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

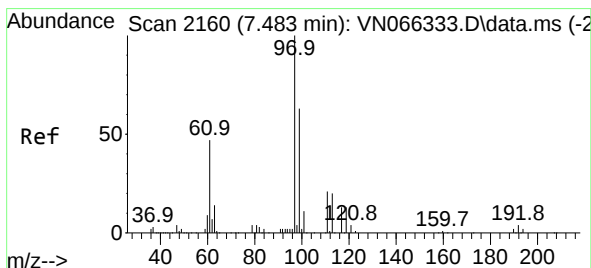
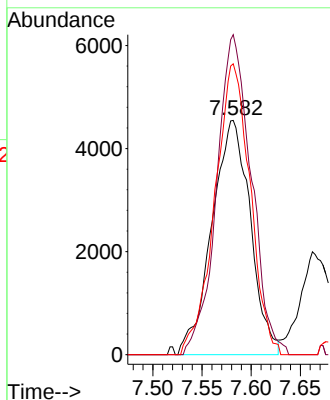
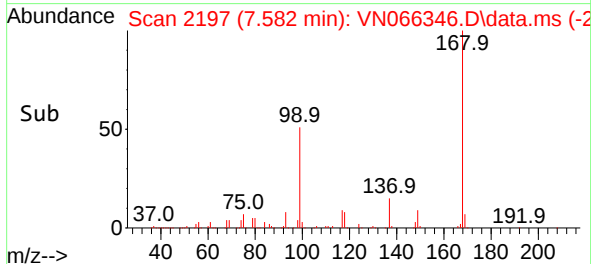
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



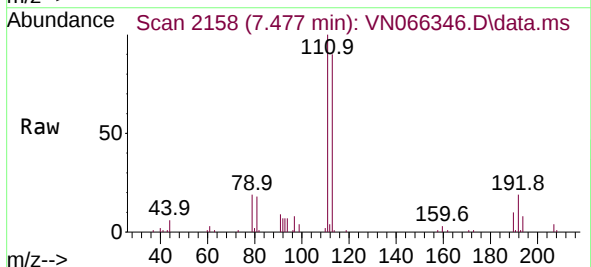
Tgt Ion: 56 Resp: 12338
Ion Ratio Lower Upper
56 100
69 136.6 26.6 40.0#
84 124.1 68.7 103.1#

Manual Integrations
APPROVED

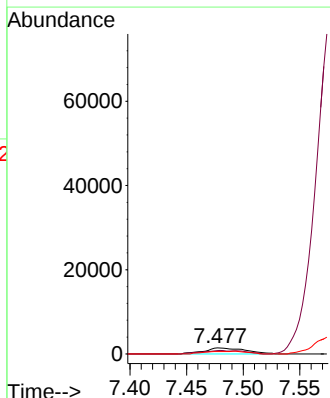
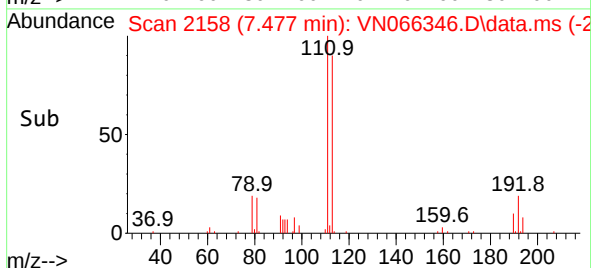
MMDadoda
3/31/2021 3:39:15 PM

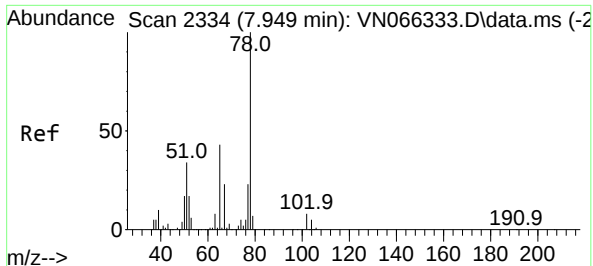


#32
1,1,1-Trichloroethane
Concen: 0.50 ug/l
RT: 7.477 min Scan# 2158
Delta R.T. -0.005 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



Tgt Ion: 97 Resp: 3637
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 43.1 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 51.05 ug/l

RT: 7.947 min Scan# 2333

Delta R.T. -0.002 min

Lab File: VN066346.D

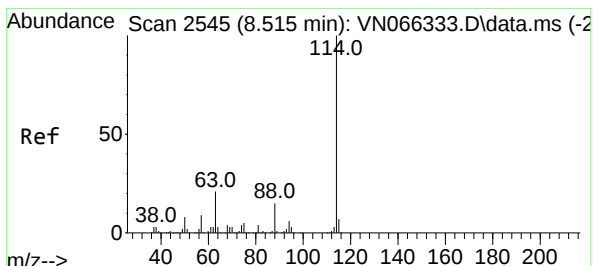
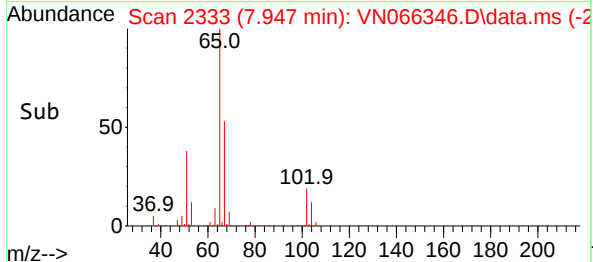
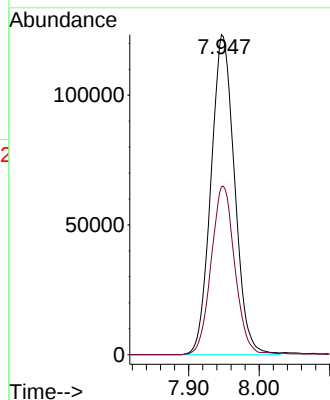
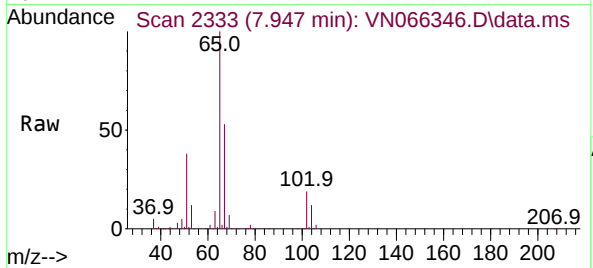
Acq: 26 Mar 2021 13:56

Tgt Ion: 65 Resp: 286756

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.515 min Scan# 2545

Delta R.T. 0.000 min

Lab File: VN066346.D

Acq: 26 Mar 2021 13:56

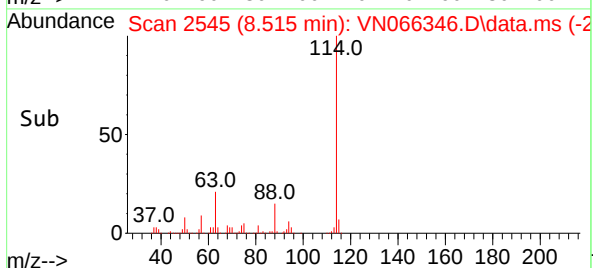
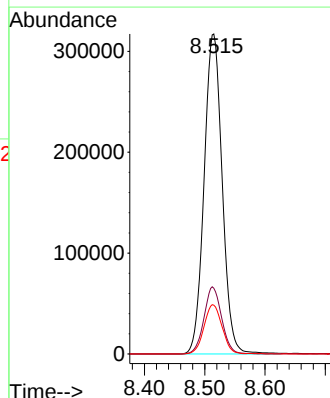
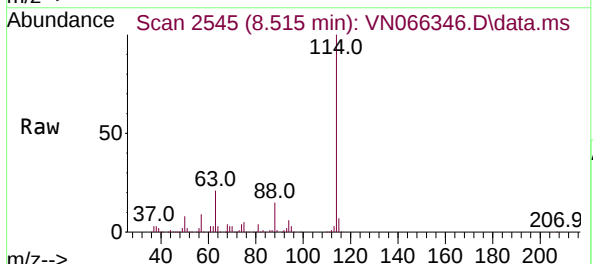
Tgt Ion: 114 Resp: 662043

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.0

88 15.3 0.0 31.0



Instrument :

MSVOA_N

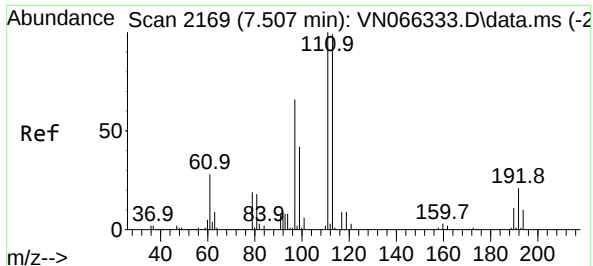
ClientSampleId :

LOD-MDL-WATER-01-QT1-2021

Manual Integrations

APPROVED

MMDadoda
3/31/2021 3:39:15 PM



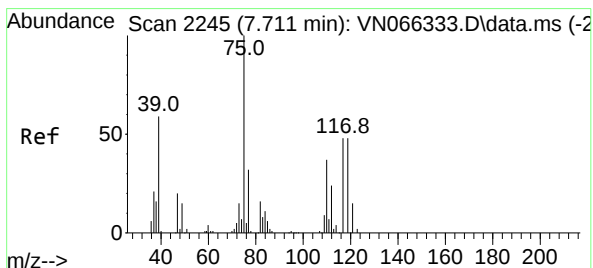
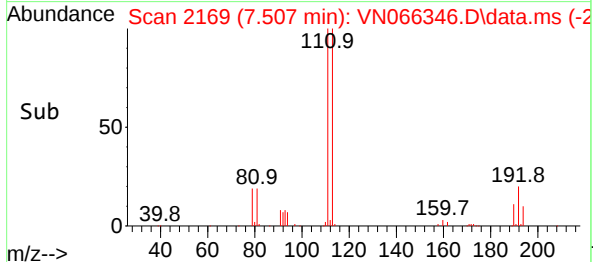
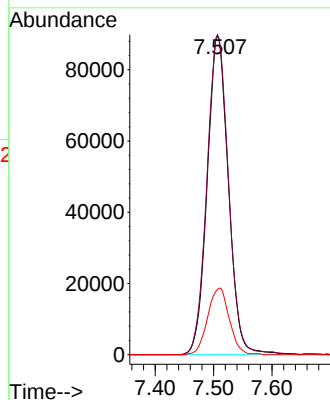
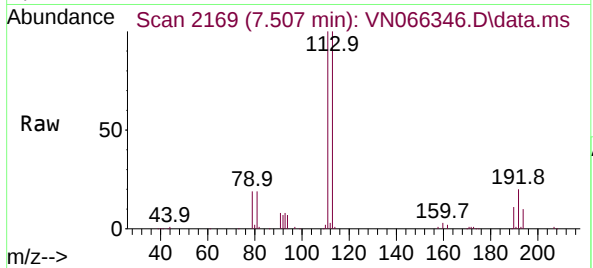
#35
Dibromofluoromethane
Concen: 51.30 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 113 Resp: 225165
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 21.3 17.1 25.7

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

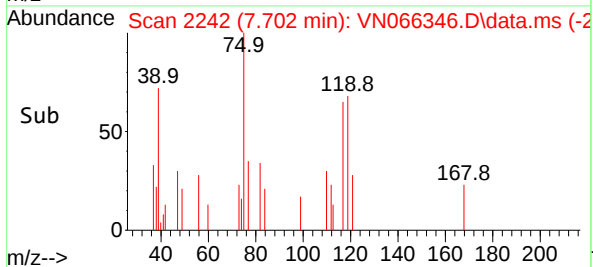
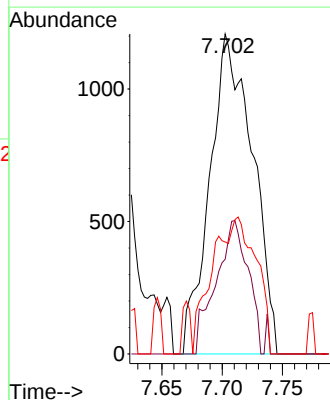
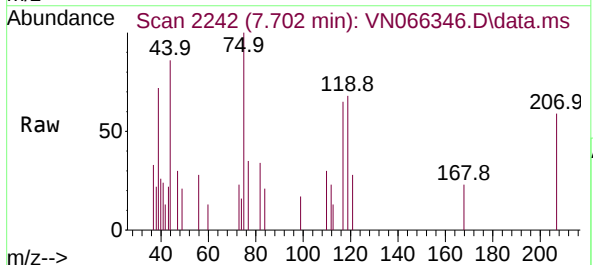
Manual Integrations
APPROVED

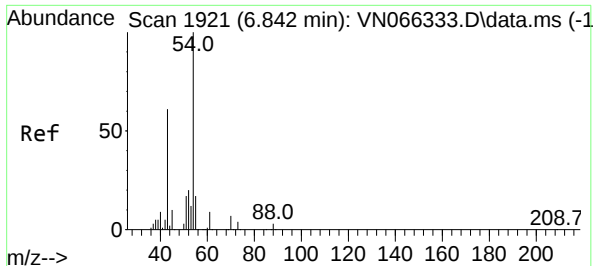
MMDadoda
3/31/2021 3:39:15 PM



#36
1,1-Dichloropropene
Concen: 0.48 ug/l
RT: 7.702 min Scan# 2242
Delta R.T. -0.008 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 75 Resp: 2976
Ion Ratio Lower Upper
75 100
110 31.5 18.1 54.3
77 18.9 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.24 ug/l m

RT: 6.852 min Scan# 1925

Delta R.T. 0.011 min

Lab File: VN066346.D

Acq: 26 Mar 2021 13:56

Tgt Ion:	43	Resp:	1634
Ion	Ratio	Lower	Upper
43	100		
61	17.9	11.1	16.7#
70	9.9	8.0	12.0

Instrument :

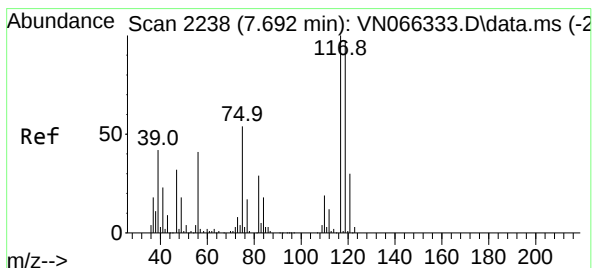
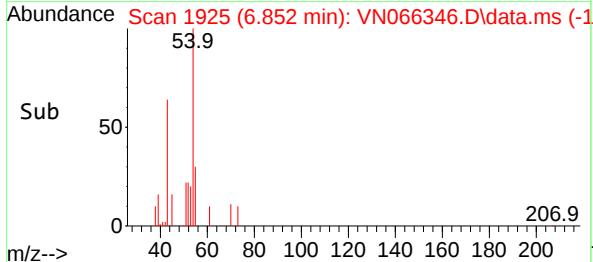
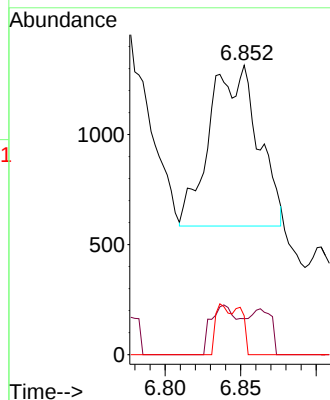
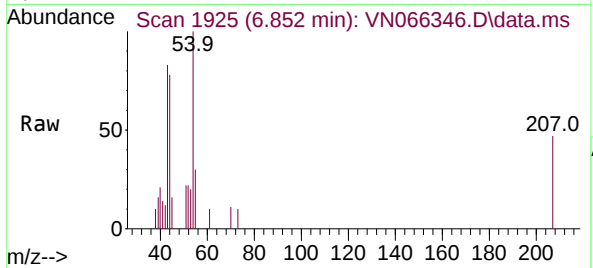
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

MMDadoda
3/31/2021 3:39:15 PM



#38

Carbon Tetrachloride

Concen: 0.49 ug/l

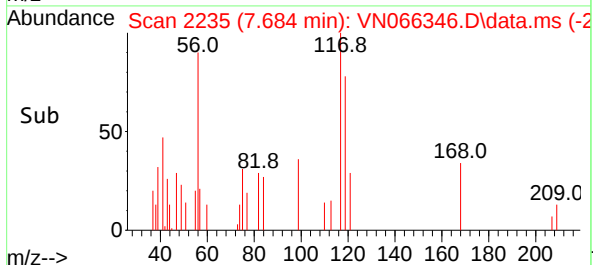
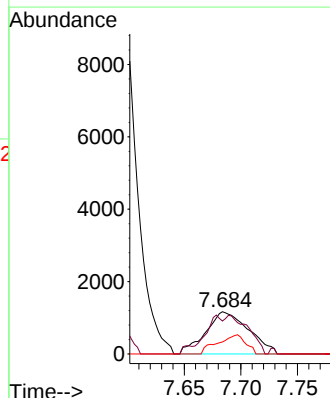
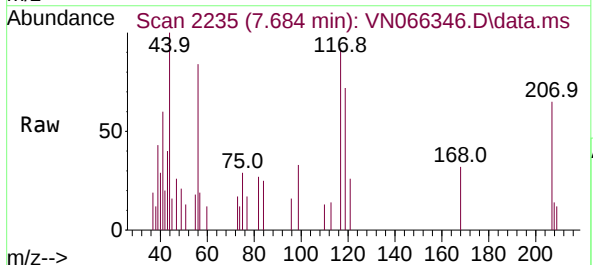
RT: 7.684 min Scan# 2235

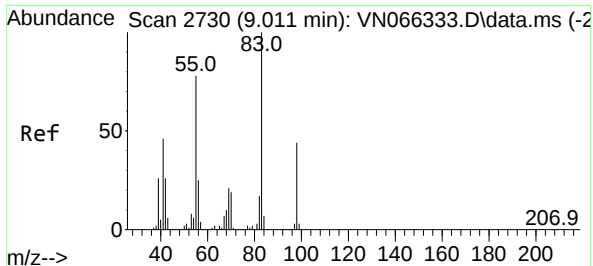
Delta R.T. -0.008 min

Lab File: VN066346.D

Acq: 26 Mar 2021 13:56

Tgt Ion:	117	Resp:	3081
Ion	Ratio	Lower	Upper
117	100		
119	78.2	77.2	115.8
121	28.6	24.2	36.4





#39

Methylcyclohexane

Concen: 0.47 ug/l

RT: 9.011 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VN066346.D

Acq: 26 Mar 2021 13:56

Tgt Ion:	83	Resp:	3566
Ion	Ratio	Lower	Upper
83	100		
55	84.0	62.3	93.5
98	41.6	35.6	53.4

Instrument :

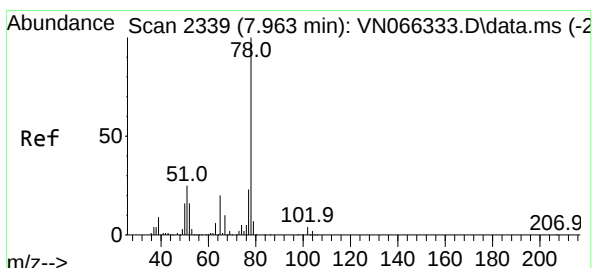
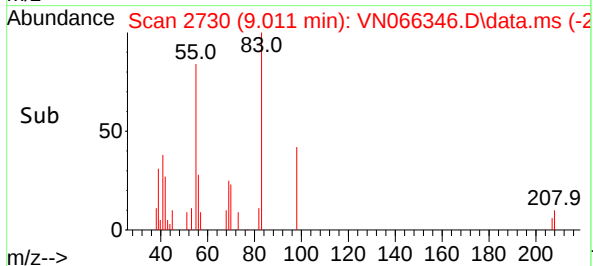
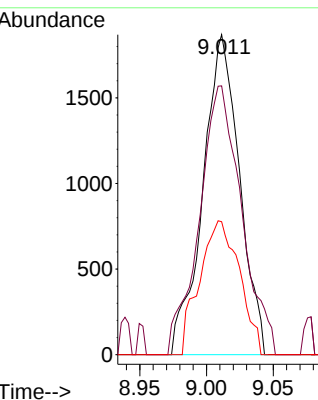
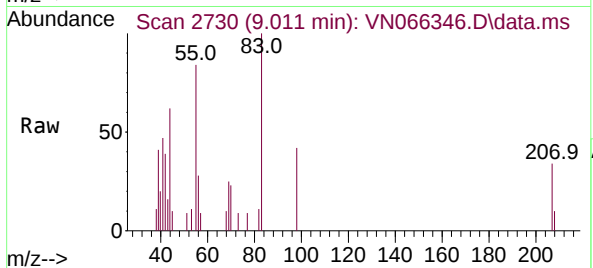
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

MMDadoda
3/31/2021 3:39:15 PM



#40

Benzene

Concen: 0.49 ug/l

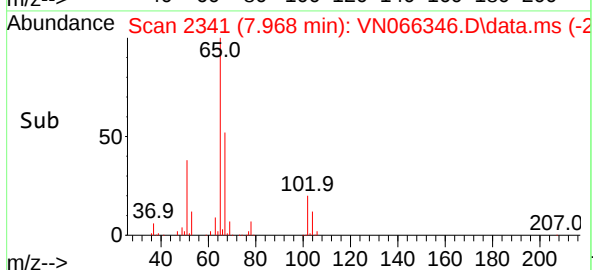
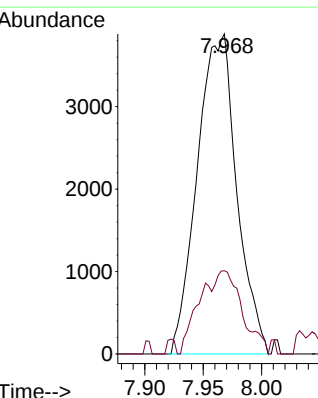
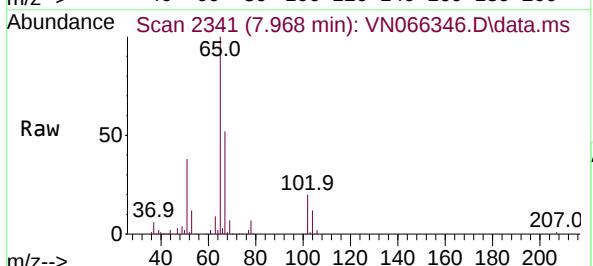
RT: 7.968 min Scan# 2341

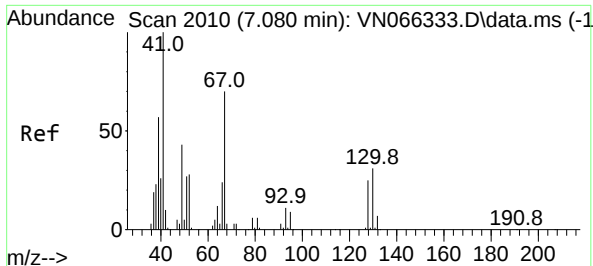
Delta R.T. 0.005 min

Lab File: VN066346.D

Acq: 26 Mar 2021 13:56

Tgt Ion:	78	Resp:	9131
Ion	Ratio	Lower	Upper
78	100		
77	26.0	18.7	28.1





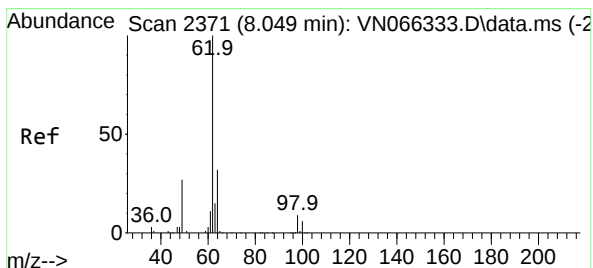
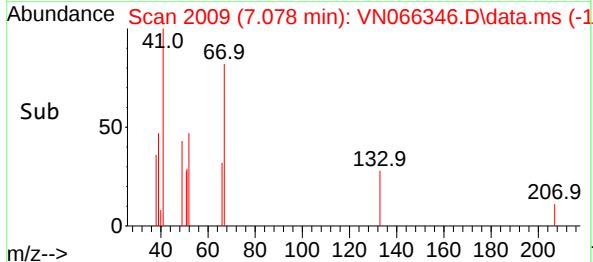
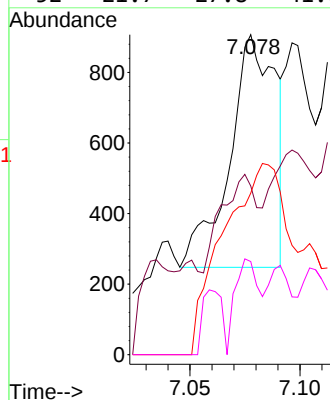
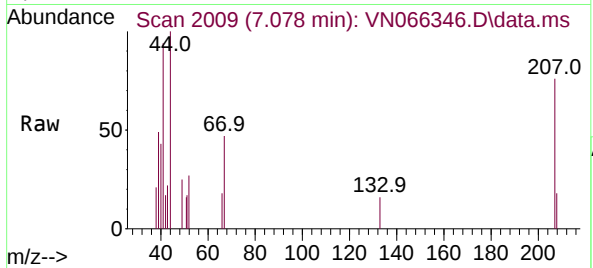
#41
Methacrylonitrile
Concen: 0.28 ug/l
RT: 7.078 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:	41	Resp:	955
Ion	Ratio	Lower	Upper
41	100		
39	34.3	51.7	77.5#
67	0.0	68.5	102.7#
52	21.7	27.8	41.6#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

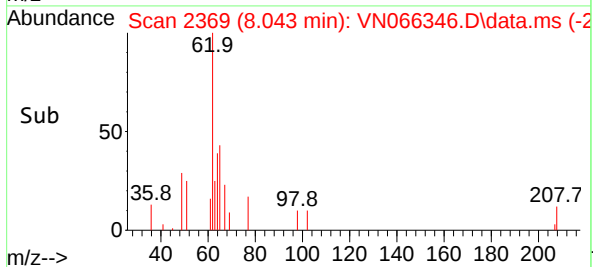
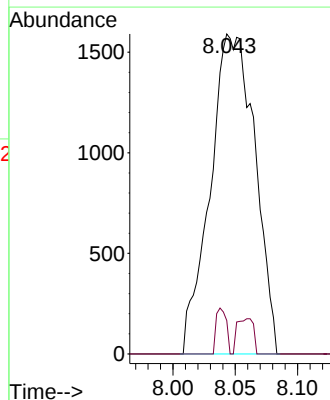
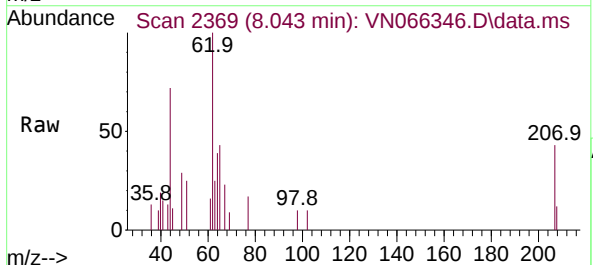
Manual Integrations
APPROVED

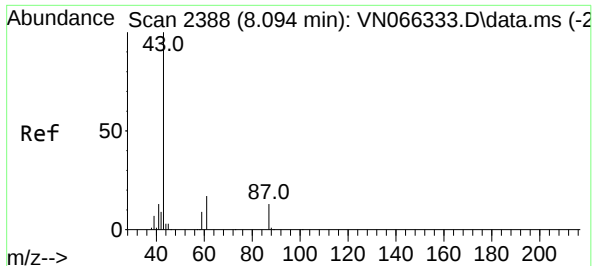
MMDadoda
3/31/2021 3:39:15 PM



#42
1,2-Dichloroethane
Concen: 0.59 ug/l
RT: 8.043 min Scan# 2369
Delta R.T. -0.005 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:	62	Resp:	3975
Ion	Ratio	Lower	Upper
62	100		
98	3.2	0.0	17.6





#43

Isopropyl Acetate

Concen: 0.46 ug/l

RT: 8.097 min Scan# 2389

Delta R.T. 0.003 min

Lab File: VN066346.D

Acq: 26 Mar 2021 13:56

Tgt Ion:	43	Resp:	5341
Ion	Ratio	Lower	Upper
43	100		
61	15.7	15.5	23.3
87	6.7	10.5	15.7#

Instrument :

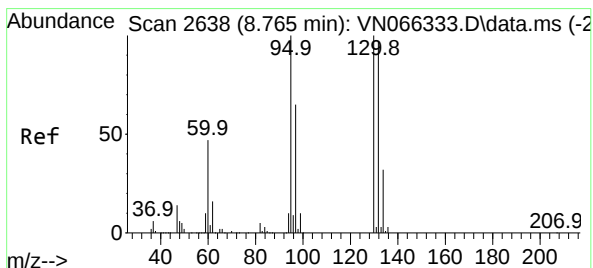
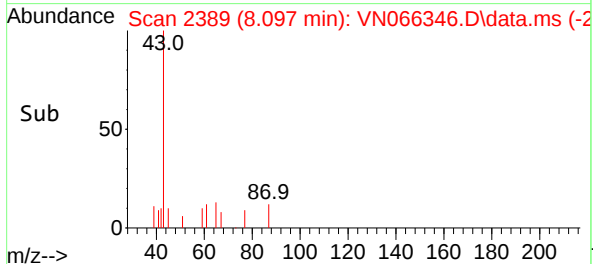
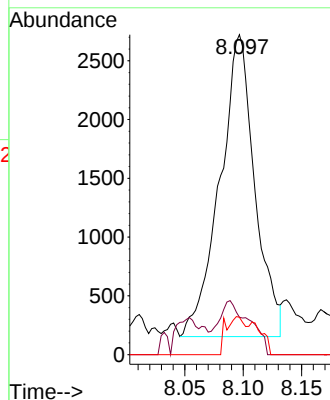
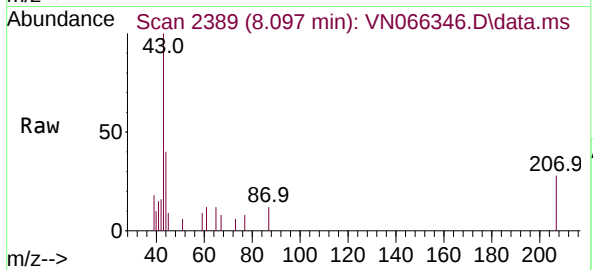
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

MMDadoda
3/31/2021 3:39:15 PM



#44

Trichloroethene

Concen: 0.45 ug/l

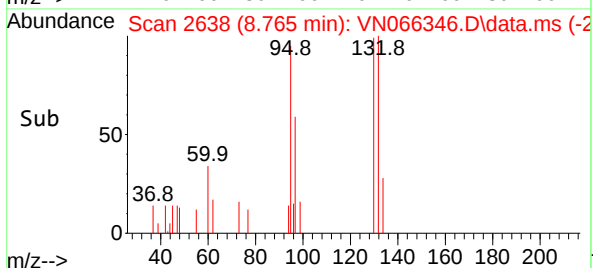
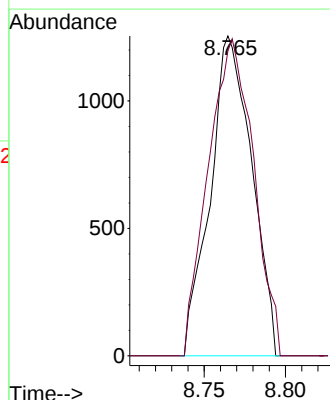
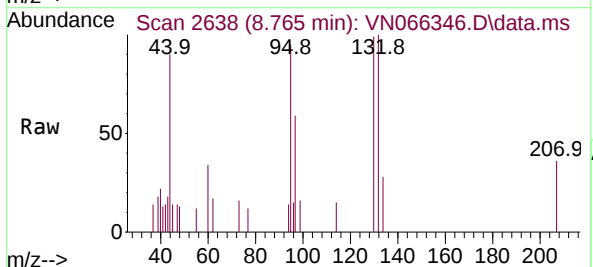
RT: 8.765 min Scan# 2638

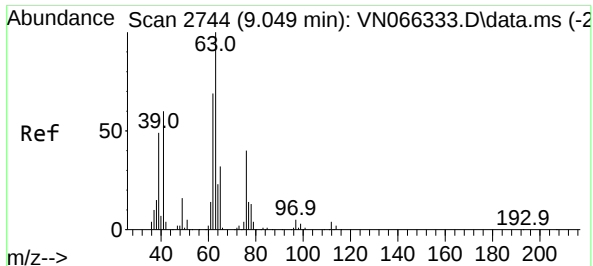
Delta R.T. -0.000 min

Lab File: VN066346.D

Acq: 26 Mar 2021 13:56

Tgt Ion:	130	Resp:	2232
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	200.6





#45

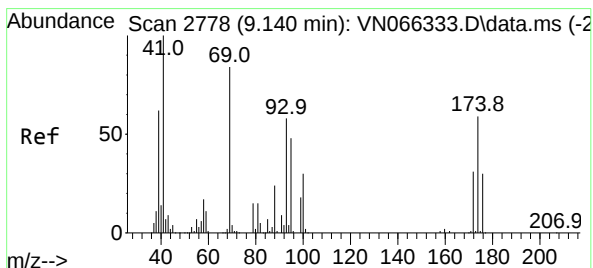
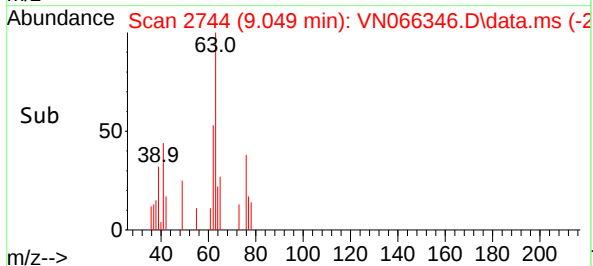
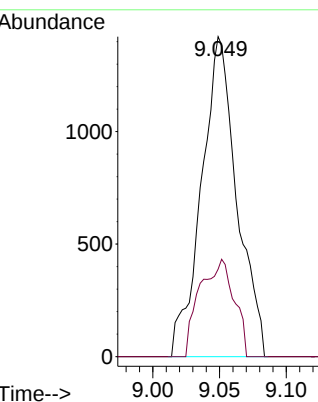
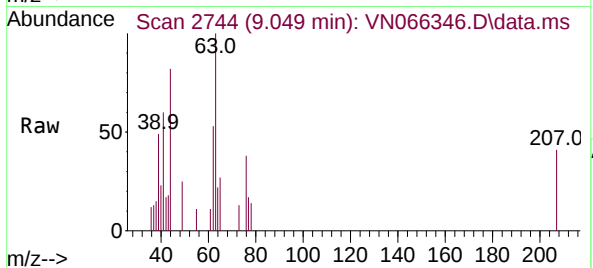
1,2-Dichloropropane
Concen: 0.52 ug/l
RT: 9.049 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 63 Resp: 2620
Ion Ratio Lower Upper
63 100
65 27.4 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

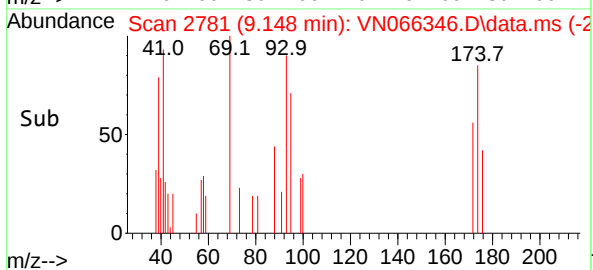
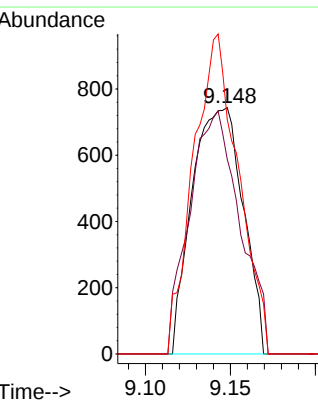
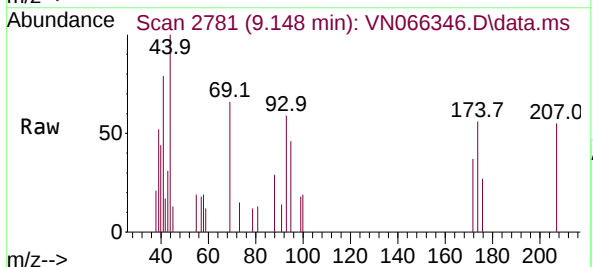
MMDadoda
3/31/2021 3:39:15 PM

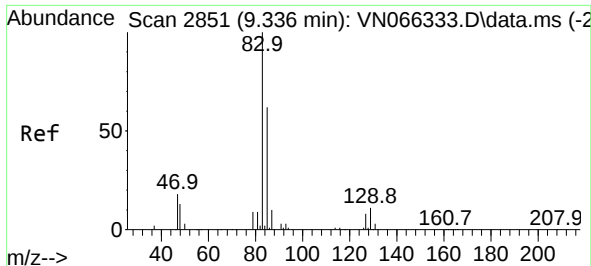


#46

Dibromomethane
Concen: 0.47 ug/l
RT: 9.148 min Scan# 2781
Delta R.T. 0.008 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

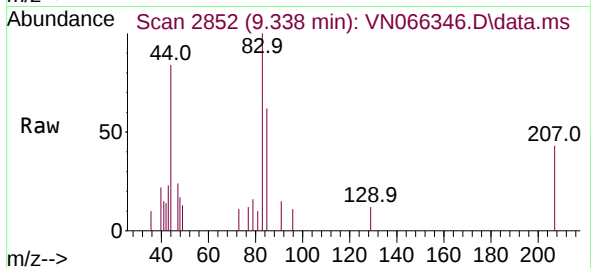
Tgt Ion: 93 Resp: 1550
Ion Ratio Lower Upper
93 100
95 97.6 66.8 100.2
174 114.8 83.2 124.8





#47
Bromodichloromethane
Concen: 0.50 ug/l
RT: 9.338 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

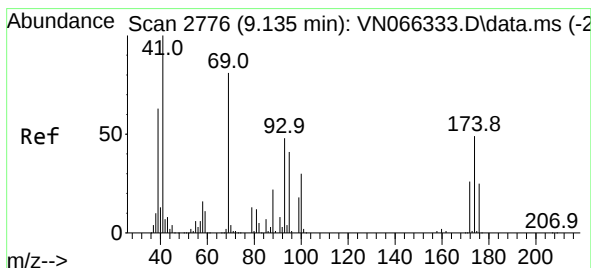
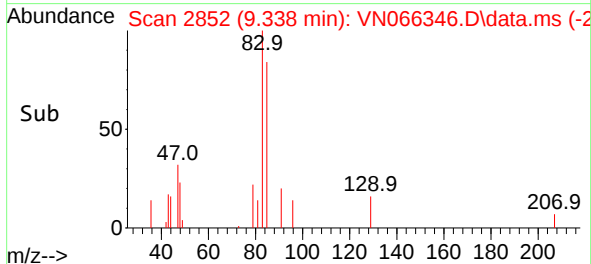
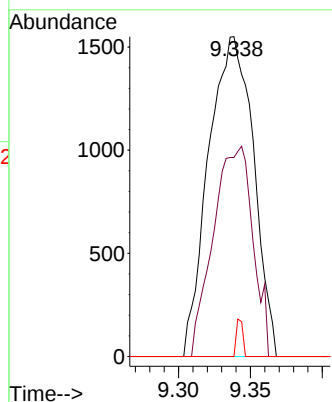
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



Tgt Ion: 83 Resp: 3364
Ion Ratio Lower Upper
83 100
85 62.3 49.4 74.2
127 0.0 6.7 10.1#

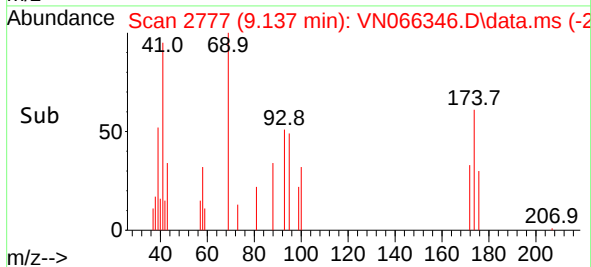
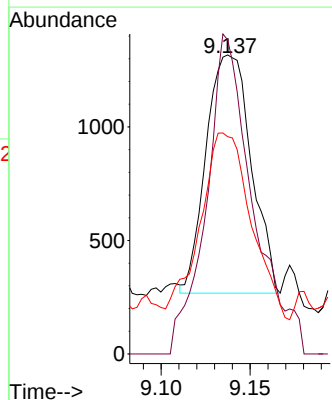
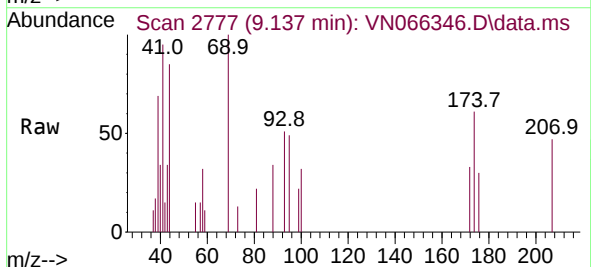
Manual Integrations
APPROVED

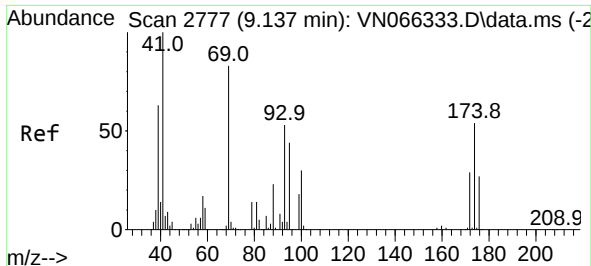
MMDadoda
3/31/2021 3:39:15 PM



#48
Methyl methacrylate
Concen: 0.33 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

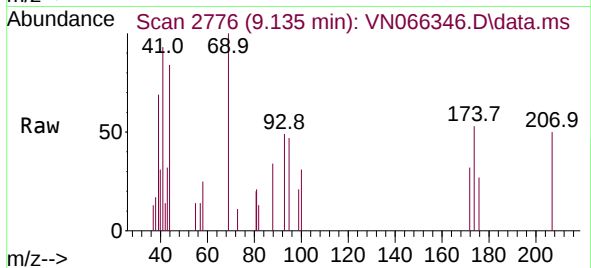
Tgt Ion: 41 Resp: 1848
Ion Ratio Lower Upper
41 100
69 138.3 66.2 99.4#
39 88.6 51.5 77.3#





#49
1,4-Dioxane
Concen: 11.89 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

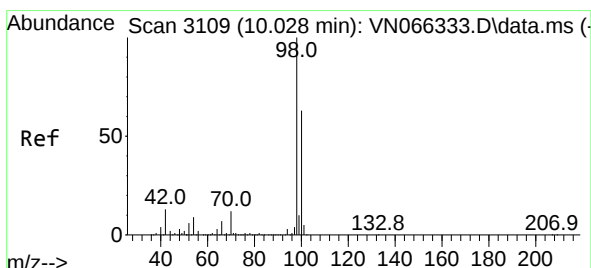
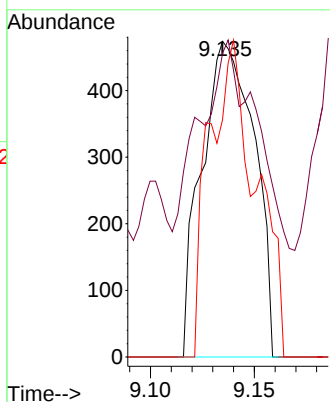
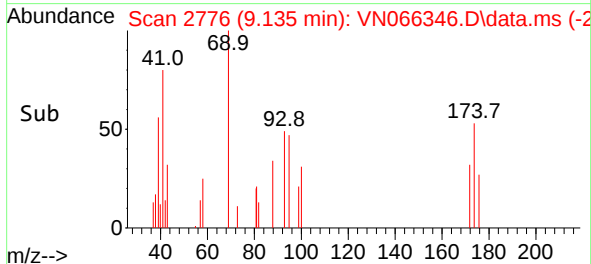
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



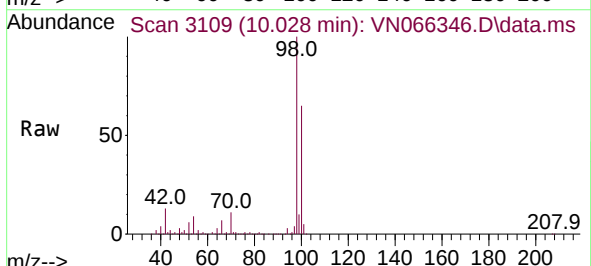
Tgt Ion: 88 Resp: 832
Ion Ratio Lower Upper
88 100
43 70.6 28.2 42.4#
58 89.4 56.6 84.8#

Manual Integrations
APPROVED

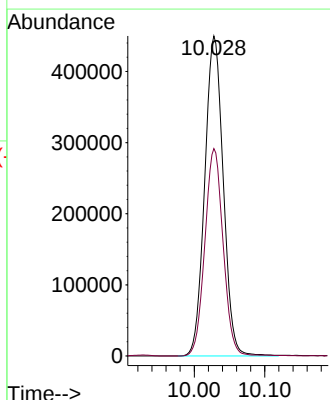
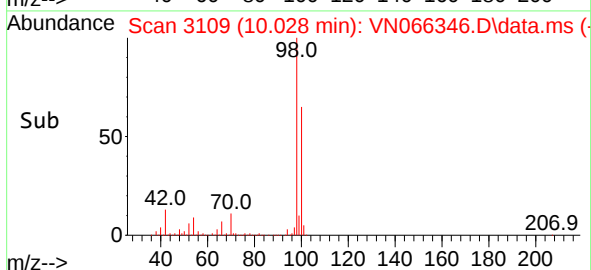
MMDadoda
3/31/2021 3:39:15 PM

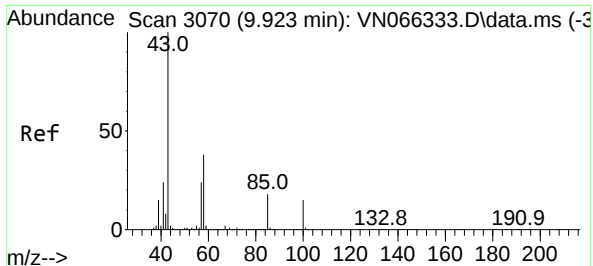


#50
Toluene-d8
Concen: 49.39 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



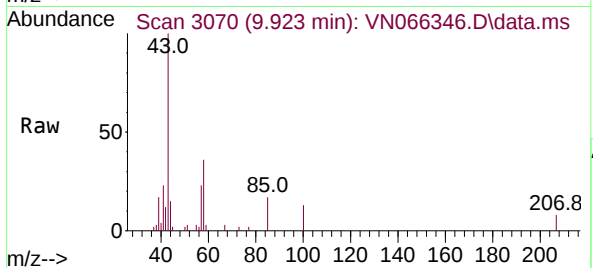
Tgt Ion: 98 Resp: 822188
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7





#51
4-Methyl-2-Pentanone
Concen: 2.57 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

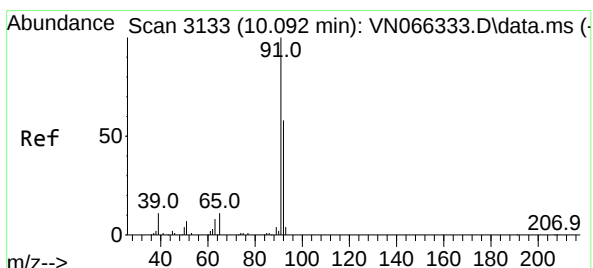
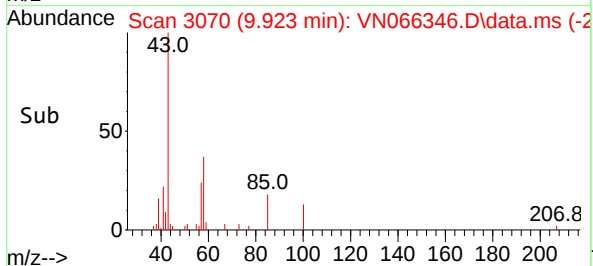
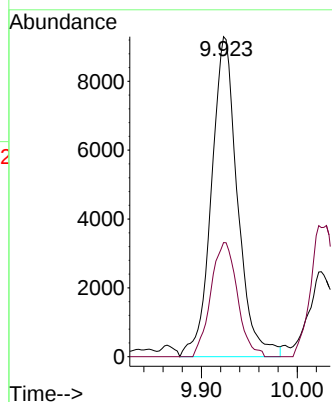
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



Tgt Ion: 43 Resp: 17567
Ion Ratio Lower Upper
43 100
58 36.2 30.8 46.2

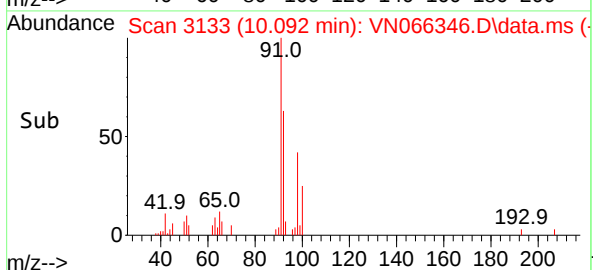
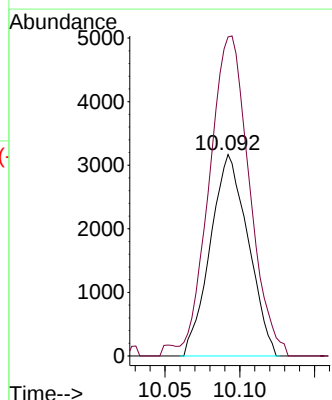
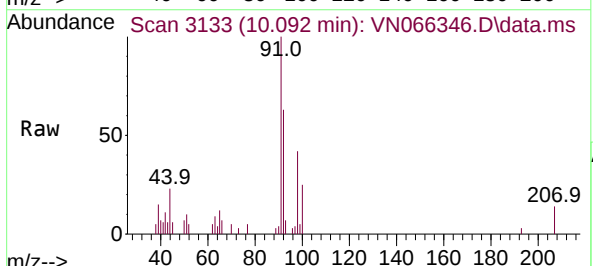
Manual Integrations
APPROVED

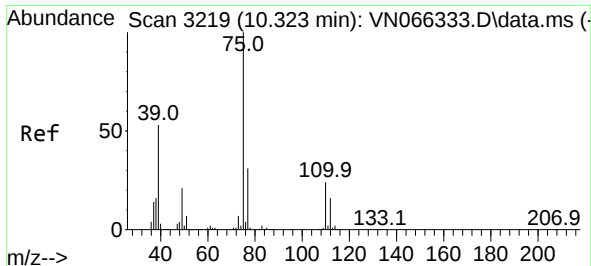
MMDadoda
3/31/2021 3:39:15 PM



#52
Toluene
Concen: 0.48 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

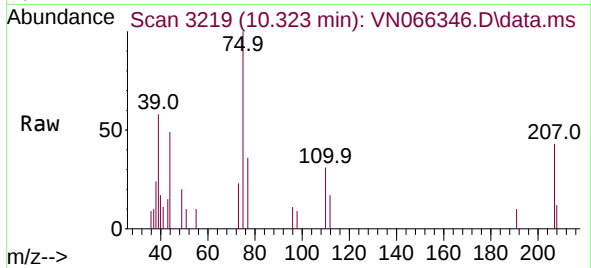
Tgt Ion: 92 Resp: 5577
Ion Ratio Lower Upper
92 100
91 168.2 138.8 208.2





#53
t-1,3-Dichloropropene
Concen: 0.48 ug/l
RT: 10.323 min Scan# 3219
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

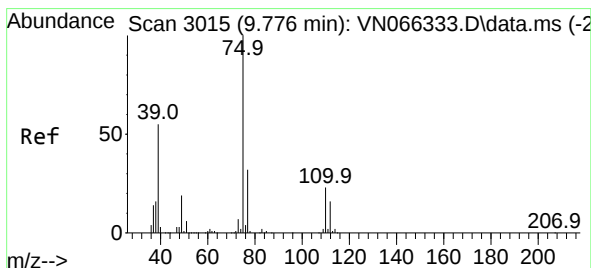
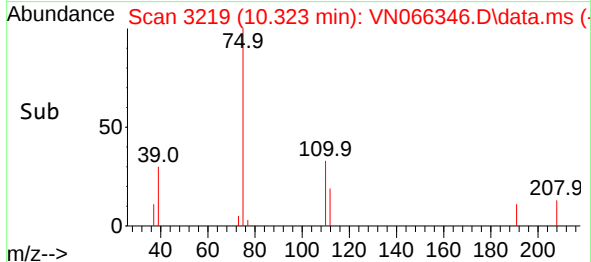
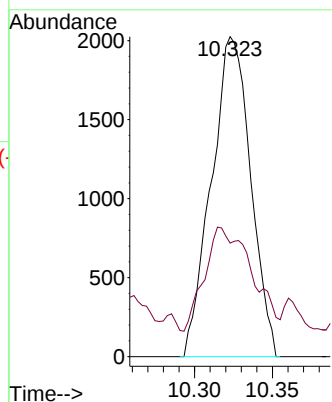
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



Tgt Ion: 75 Resp: 3551
Ion Ratio Lower Upper
75 100
77 27.3 25.0 37.6

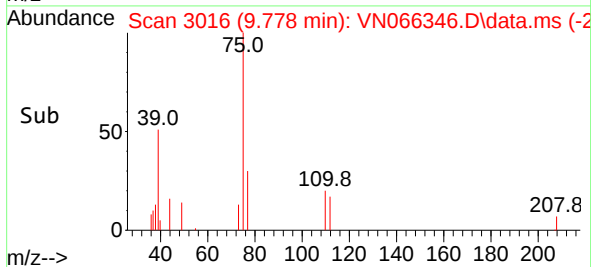
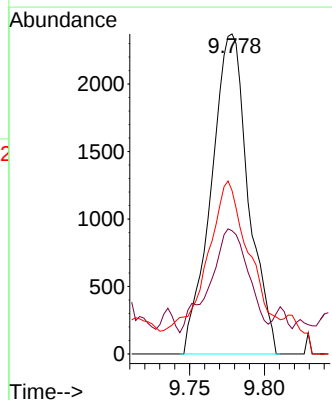
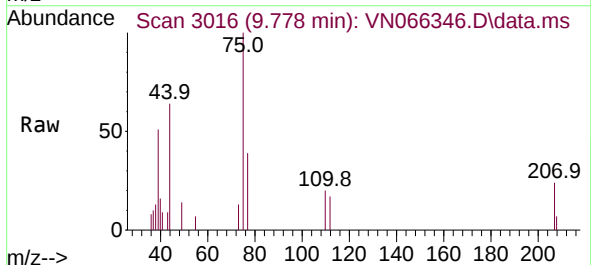
Manual Integrations
APPROVED

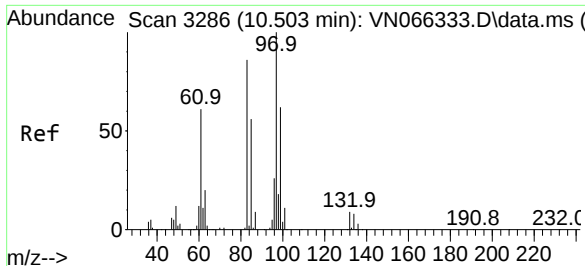
MMDadoda
3/31/2021 3:39:15 PM



#54
cis-1,3-Dichloropropene
Concen: 0.52 ug/l
RT: 9.778 min Scan# 3016
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

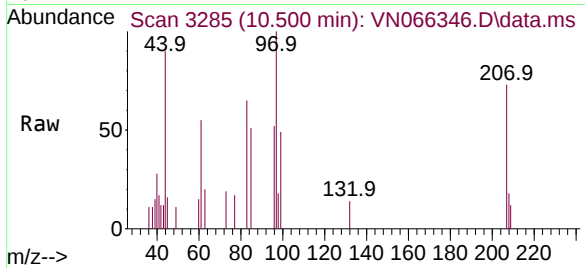
Tgt Ion: 75 Resp: 4093
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 40.3 44.2 66.4#





#55
1,1,2-Trichloroethane
Concen: 0.49 ug/l
RT: 10.500 min Scan# 3285
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

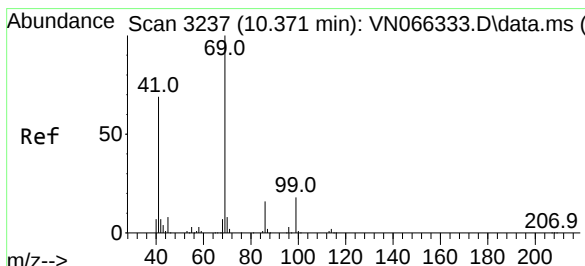
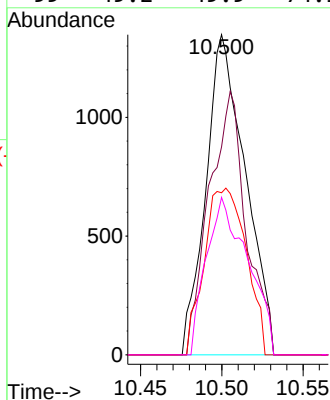
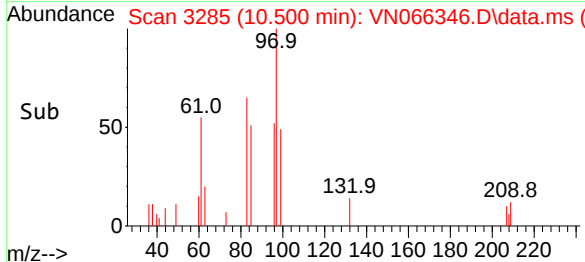
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



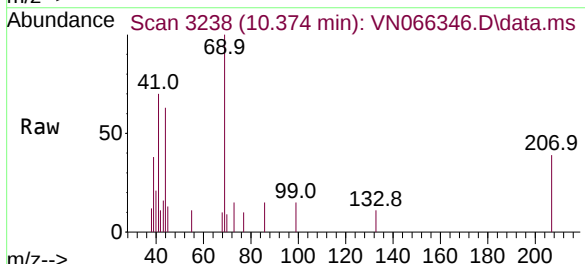
Tgt Ion: 97 Resp: 2275
Ion Ratio Lower Upper
97 100
83 65.0 68.9 103.3#
85 50.6 45.1 67.7
99 49.2 49.9 74.9#

Manual Integrations
APPROVED

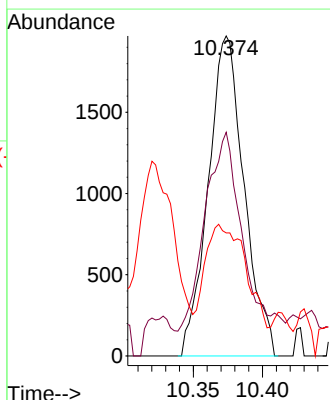
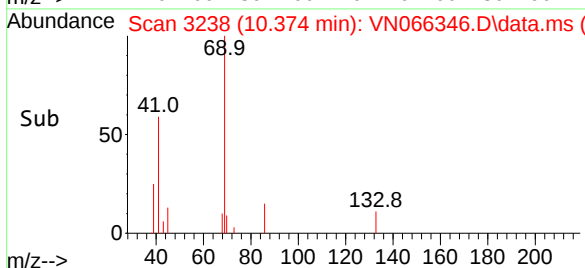
MMDadoda
3/31/2021 3:39:15 PM

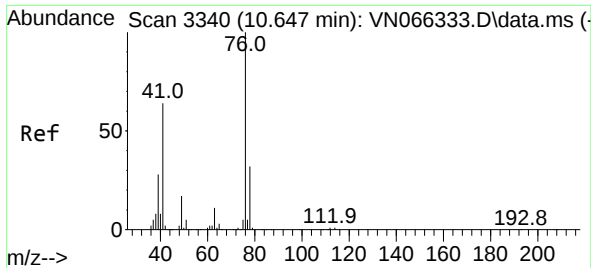


#56
Ethyl methacrylate
Concen: 0.50 ug/l
RT: 10.374 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



Tgt Ion: 69 Resp: 3546
Ion Ratio Lower Upper
69 100
41 61.3 55.3 82.9
39 36.5 33.8 50.6





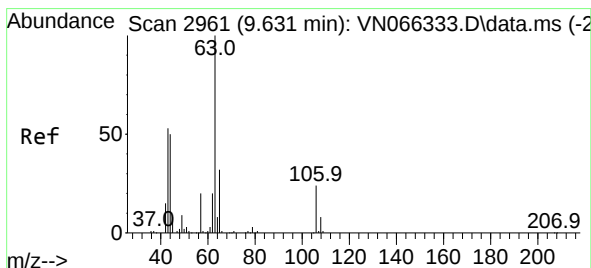
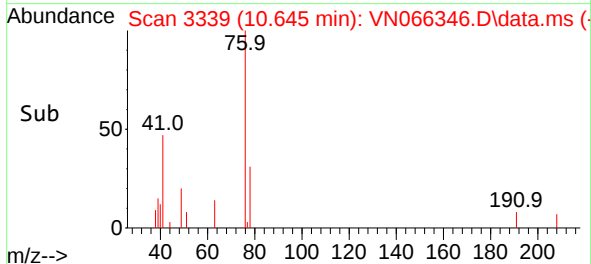
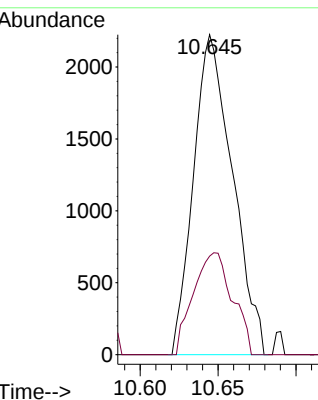
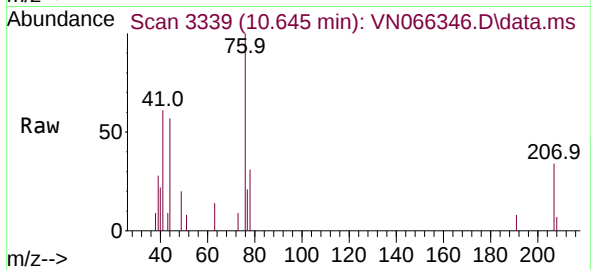
#57
1,3-Dichloropropane
Concen: 0.50 ug/l
RT: 10.645 min Scan# 3339
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 76 Resp: 3869
Ion Ratio Lower Upper
76 100
78 31.9 25.9 38.9

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

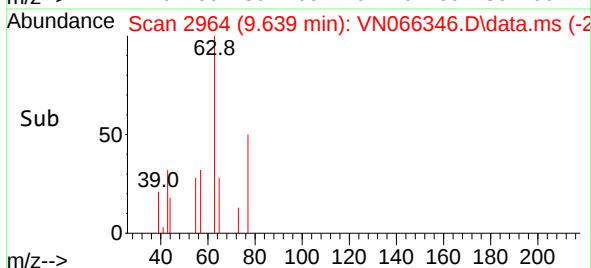
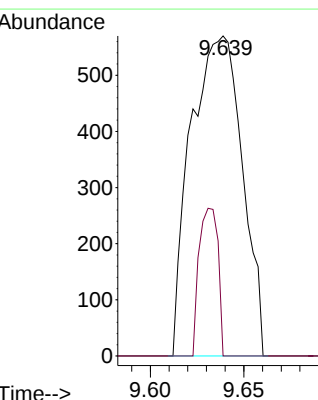
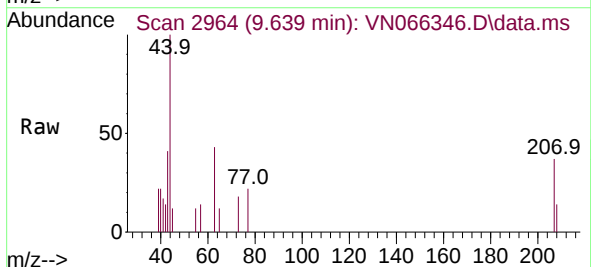
Manual Integrations
APPROVED

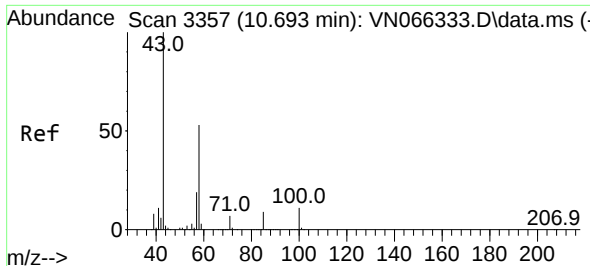
MMDadoda
3/31/2021 3:39:15 PM



#58
2-Chloroethyl Vinyl ether
Concen: 1.71 ug/l
RT: 9.639 min Scan# 2964
Delta R.T. 0.008 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

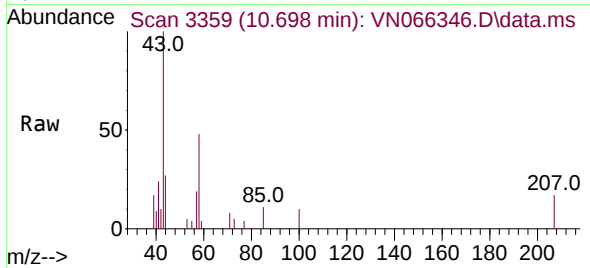
Tgt Ion: 63 Resp: 1092
Ion Ratio Lower Upper
63 100
106 16.8 21.0 31.4#





#59
2-Hexanone
Concen: 2.14 ug/l
RT: 10.698 min Scan# 3359
Delta R.T. 0.005 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

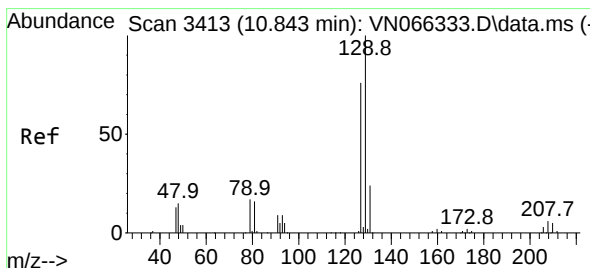
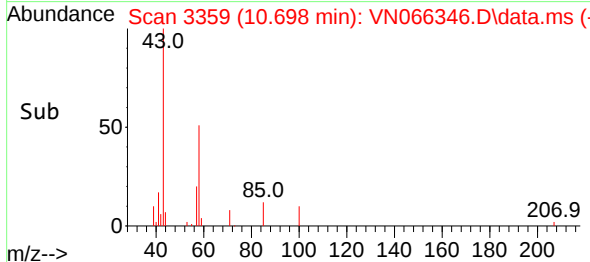
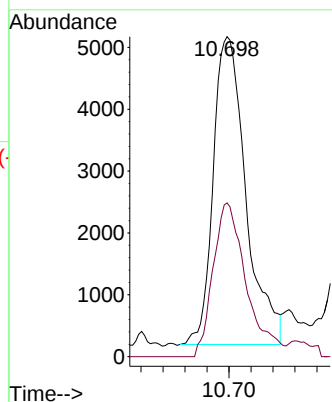
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



Tgt Ion: 43 Resp: 10267
Ion Ratio Lower Upper
43 100
58 50.9 26.6 79.8

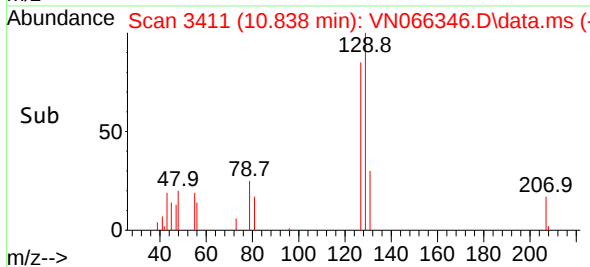
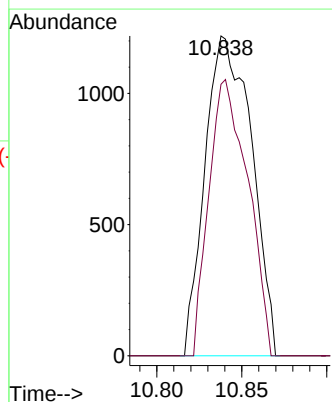
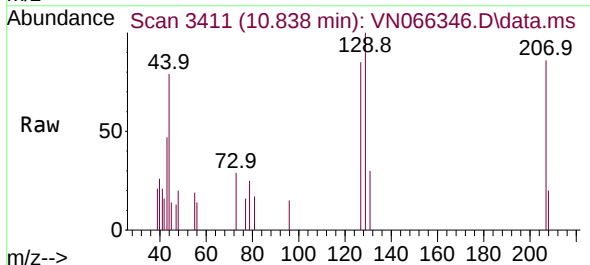
Manual Integrations
APPROVED

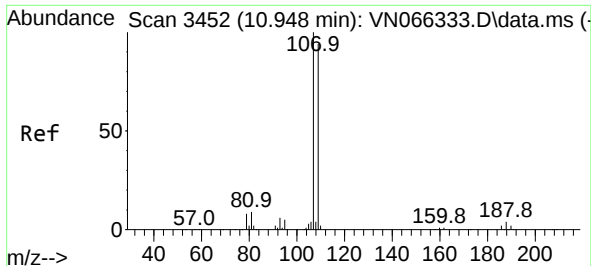
MMDadoda
3/31/2021 3:39:15 PM



#60
Dibromochloromethane
Concen: 0.45 ug/l
RT: 10.838 min Scan# 3411
Delta R.T. -0.005 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

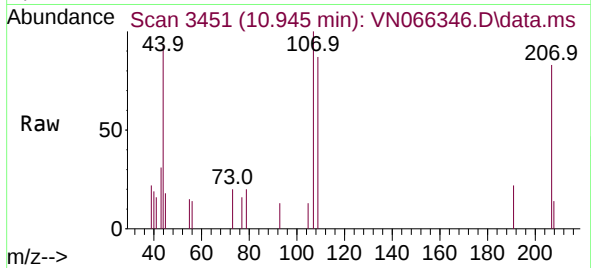
Tgt Ion: 129 Resp: 2324
Ion Ratio Lower Upper
129 100
127 72.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 0.43 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

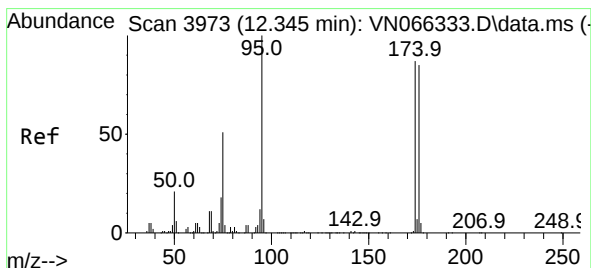
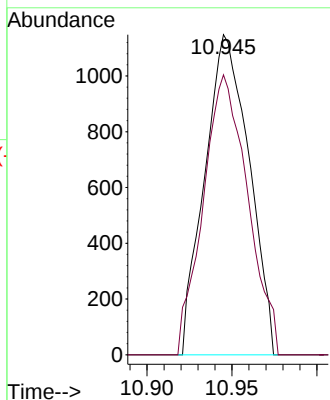
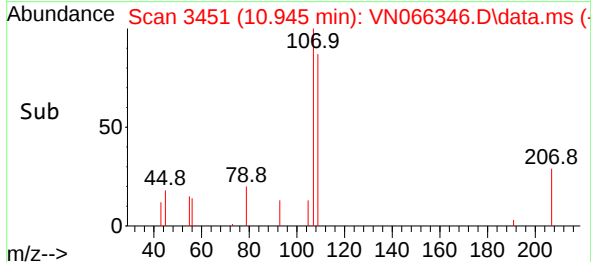
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



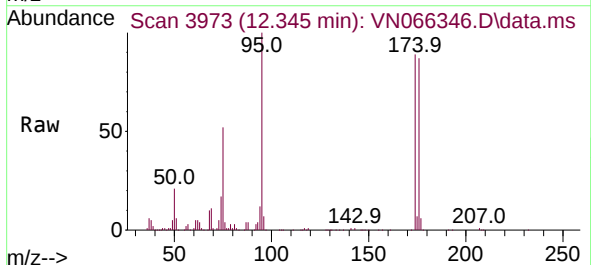
Tgt Ion:107 Resp: 2080
Ion Ratio Lower Upper
107 100
109 88.1 75.4 113.2

Manual Integrations
APPROVED

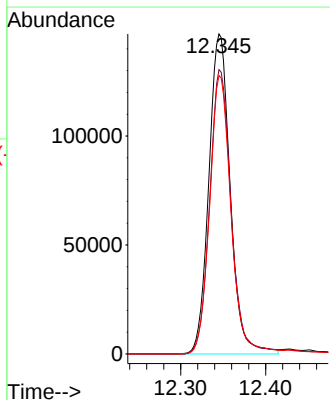
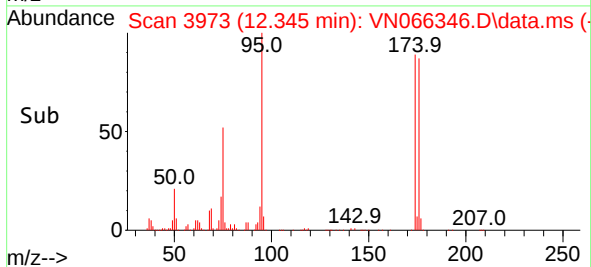
MMDadoda
3/31/2021 3:39:15 PM

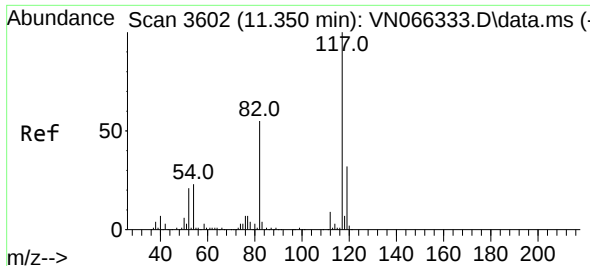


#62
4-Bromofluorobenzene
Concen: 44.47 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

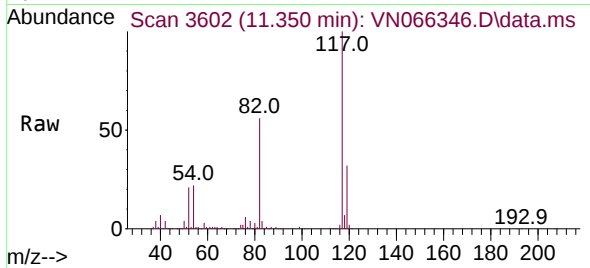


Tgt Ion: 95 Resp: 257117
Ion Ratio Lower Upper
95 100
174 90.3 0.0 172.2
176 86.6 0.0 167.8

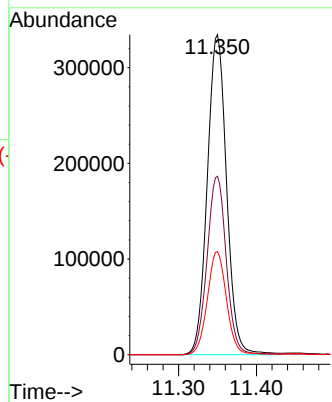
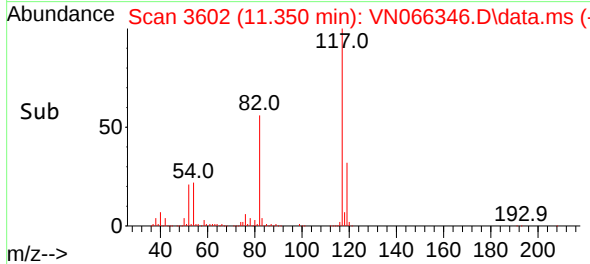




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



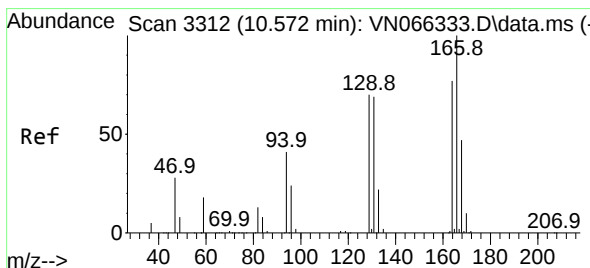
Tgt Ion:117 Resp: 577095
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 32.2 25.8 38.6



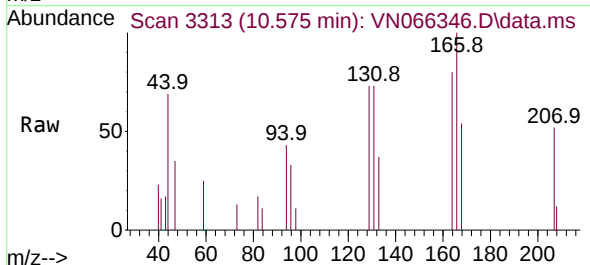
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

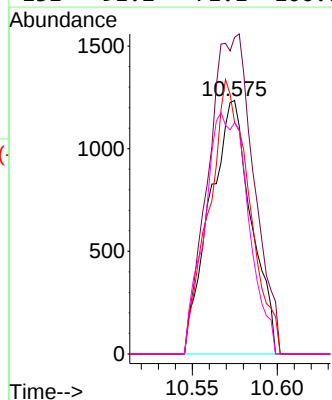
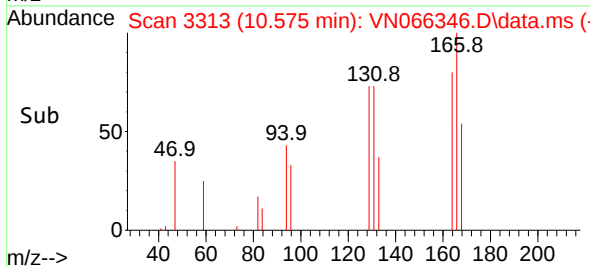
MMDadoda
3/31/2021 3:39:15 PM

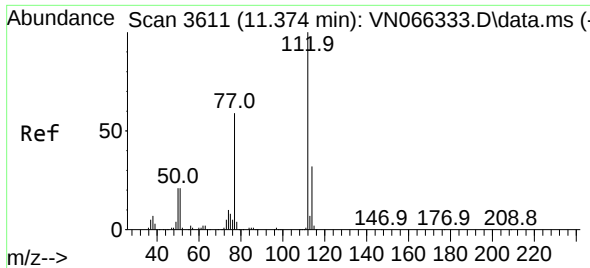


#64
Tetrachloroethene
Concen: 0.43 ug/l
RT: 10.575 min Scan# 3313
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



Tgt Ion:164 Resp: 2100
Ion Ratio Lower Upper
164 100
166 124.9 103.3 154.9
129 91.3 72.5 108.7
131 91.2 71.1 106.7





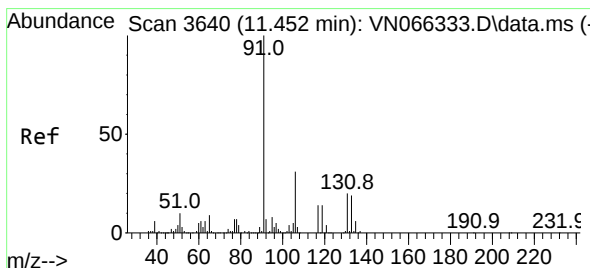
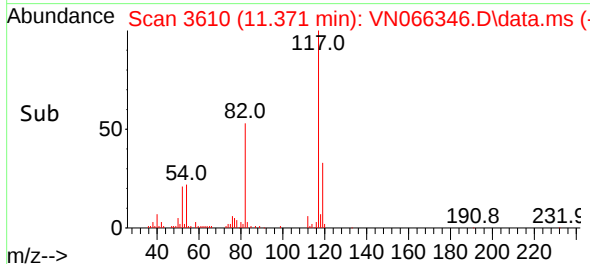
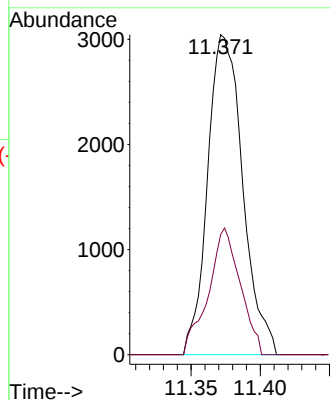
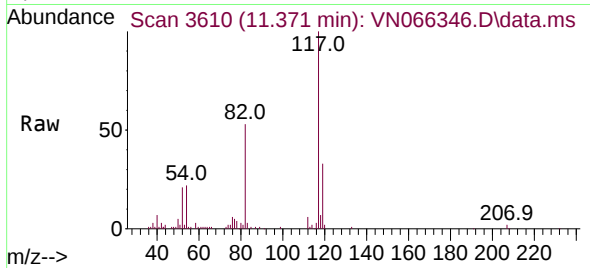
#65
Chlorobenzene
Concen: 0.47 ug/l
RT: 11.371 min Scan# 3610
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:112 Resp: 5361
Ion Ratio Lower Upper
112 100
114 37.6 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

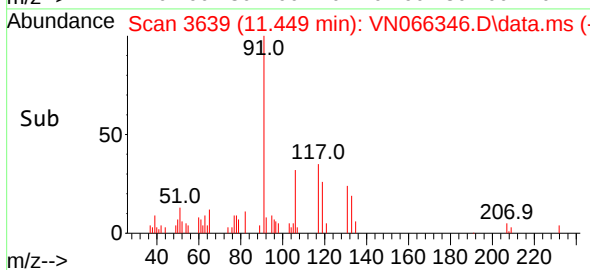
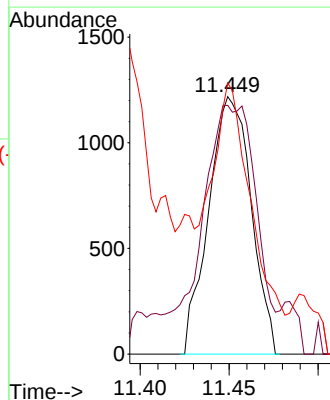
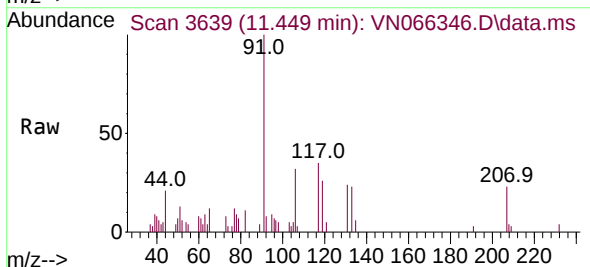
Manual Integrations
APPROVED

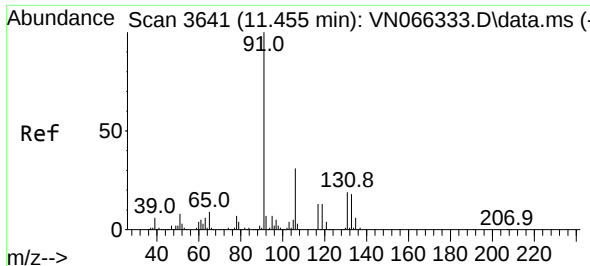
MMDadoda
3/31/2021 3:39:15 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 0.46 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

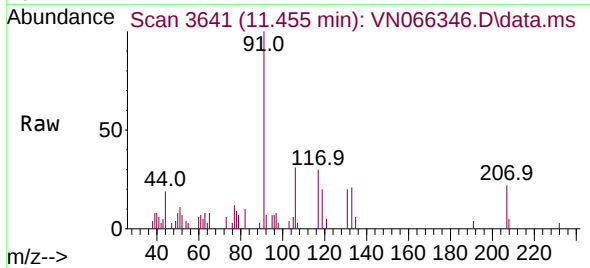
Tgt Ion:131 Resp: 2024
Ion Ratio Lower Upper
131 100
133 90.7 47.6 142.8
119 0.0 33.6 100.6#





#67
Ethyl Benzene
Concen: 0.48 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

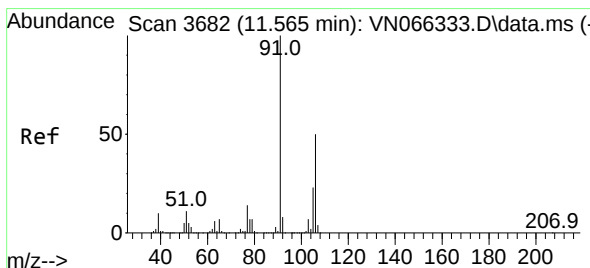
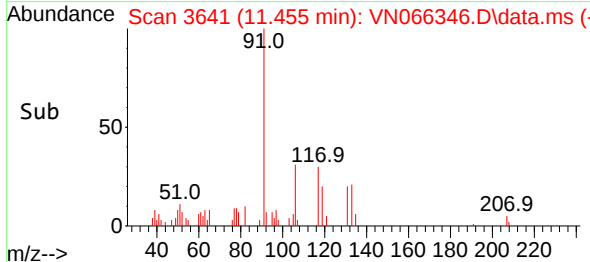
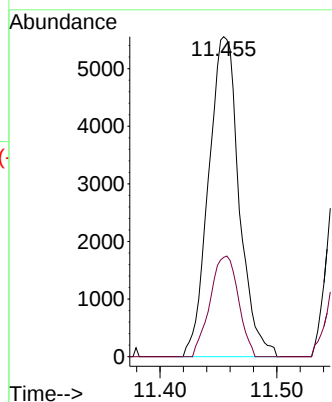
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



Tgt Ion: 91 Resp: 10094
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1

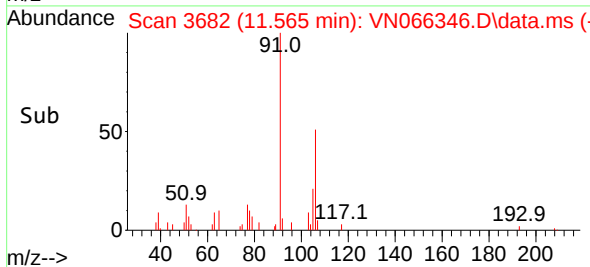
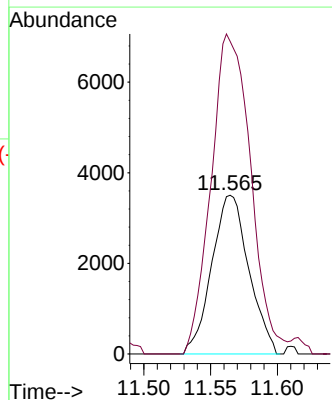
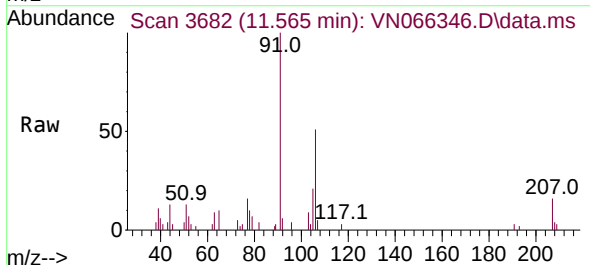
Manual Integrations
APPROVED

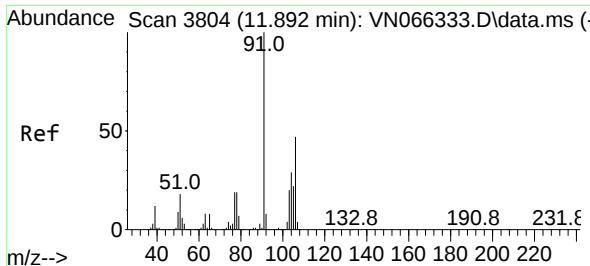
MMDadoda
3/31/2021 3:39:15 PM



#68
m/p-Xylenes
Concen: 0.85 ug/l
RT: 11.565 min Scan# 3682
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 106 Resp: 6770
Ion Ratio Lower Upper
106 100
91 215.4 162.7 244.1





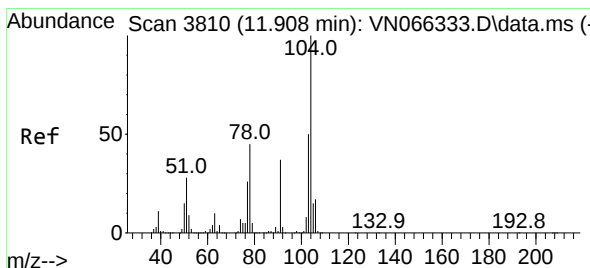
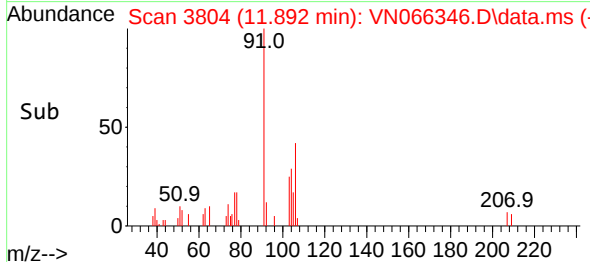
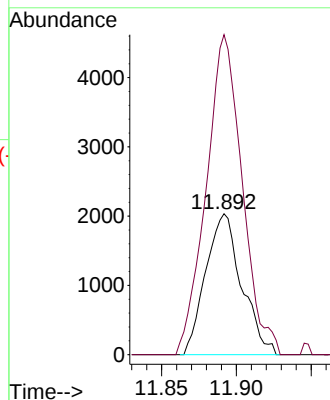
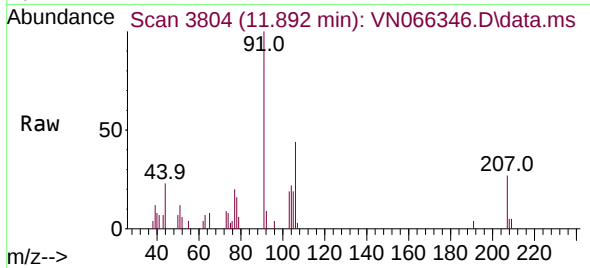
#69
o-Xylene
Concen: 0.44 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:106 Resp: 3407
Ion Ratio Lower Upper
106 100
91 227.4 107.1 321.4

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

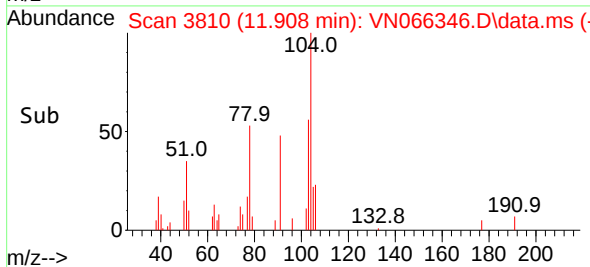
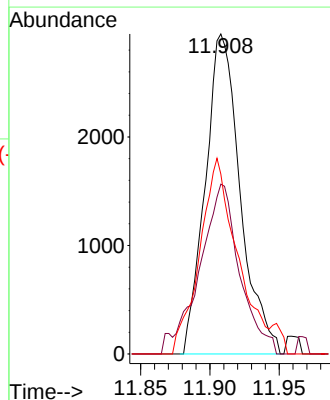
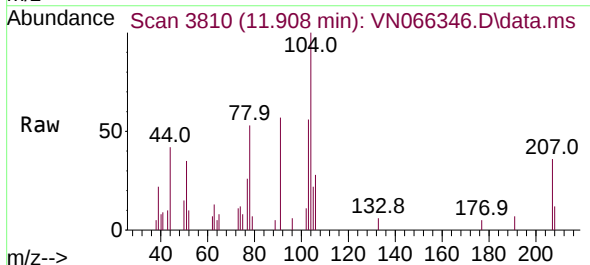
Manual Integrations
APPROVED

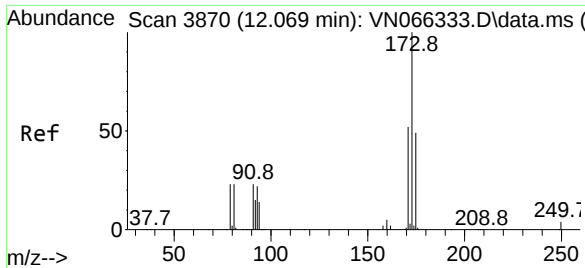
MMDadoda
3/31/2021 3:39:15 PM



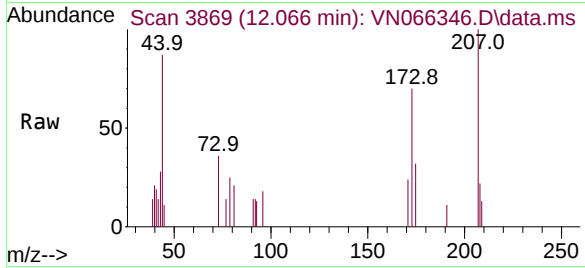
#70
Styrene
Concen: 0.42 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:104 Resp: 5188
Ion Ratio Lower Upper
104 100
78 60.6 40.7 61.1
103 65.7 44.2 66.2

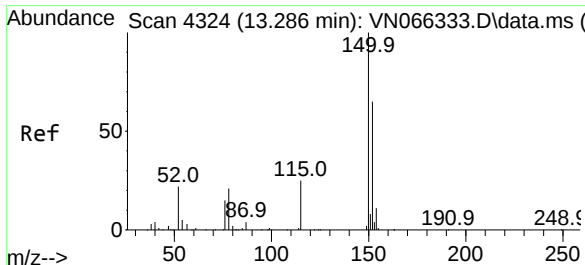
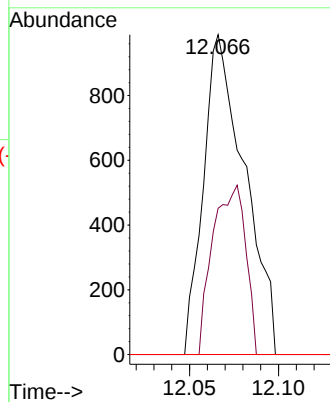
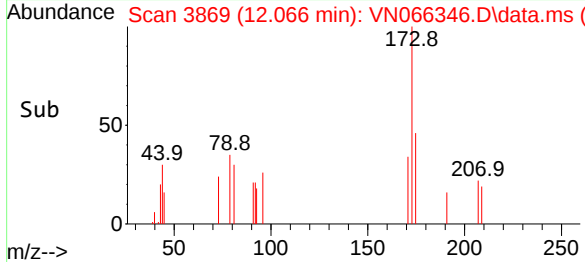




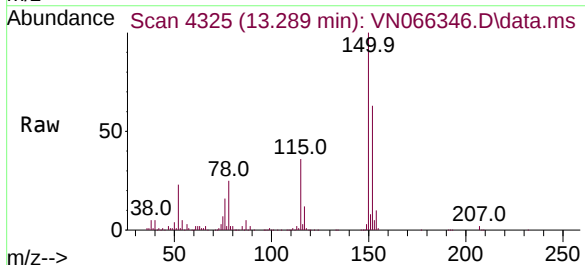
#71
Bromoform
Concen: 0.43 ug/l
RT: 12.066 min Scan# 3869
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



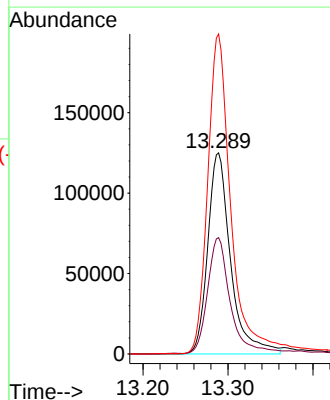
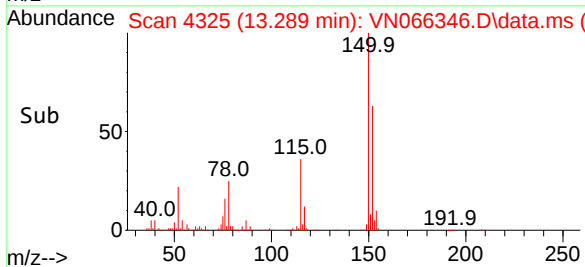
Tgt Ion:173 Resp: 1585
Ion Ratio Lower Upper
173 100
175 42.3 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



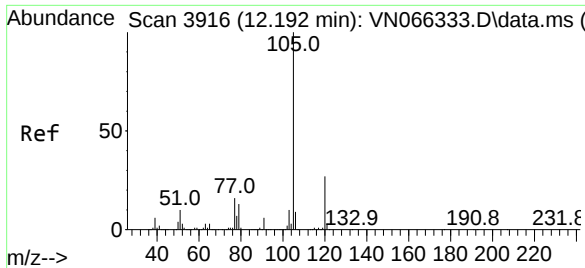
Tgt Ion:152 Resp: 234159
Ion Ratio Lower Upper
152 100
115 56.7 27.8 83.4
150 164.9 0.0 348.4



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

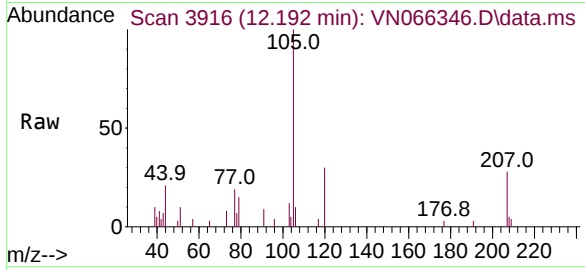
Manual Integrations
APPROVED

MMDadoda
3/31/2021 3:39:15 PM



#73
Isopropylbenzene
Concen: 0.49 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

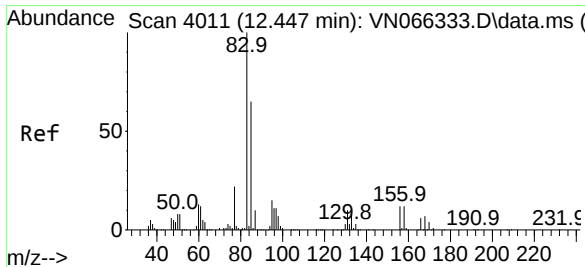
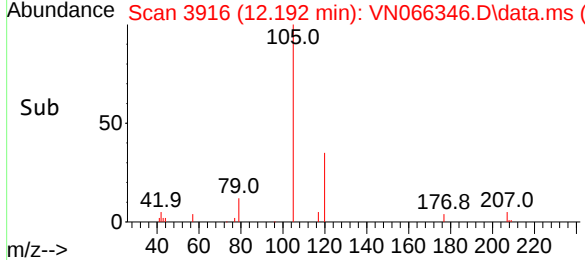
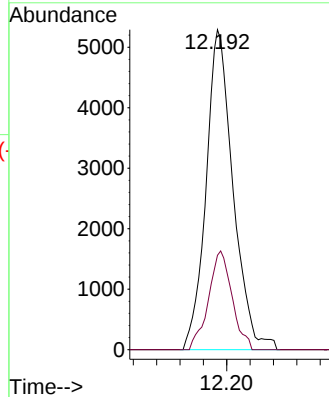
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



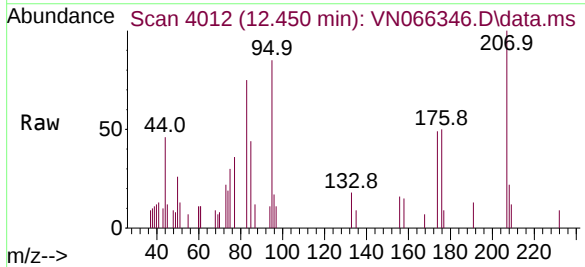
Tgt Ion:105 Resp: 8474
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.8

Manual Integrations
APPROVED

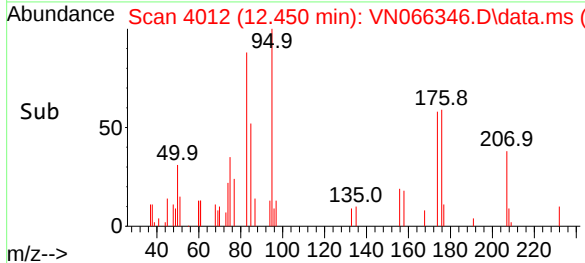
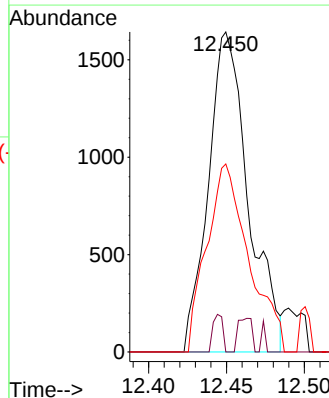
MMDadoda
3/31/2021 3:39:15 PM

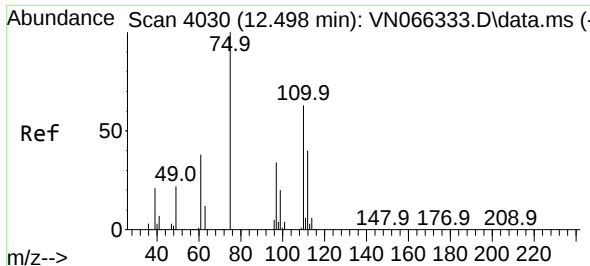


#75
1,1,2,2-Tetrachloroethane
Concen: 0.53 ug/l
RT: 12.450 min Scan# 4012
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



Tgt Ion: 83 Resp: 2939
Ion Ratio Lower Upper
83 100
131 2.9 5.0 15.0#
85 61.7 33.8 101.3





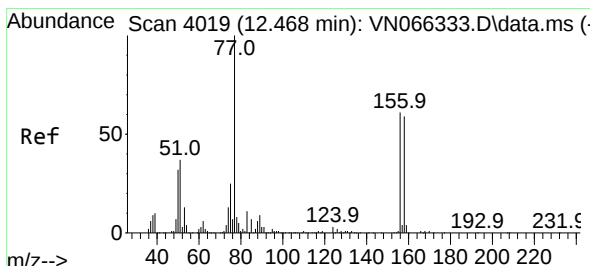
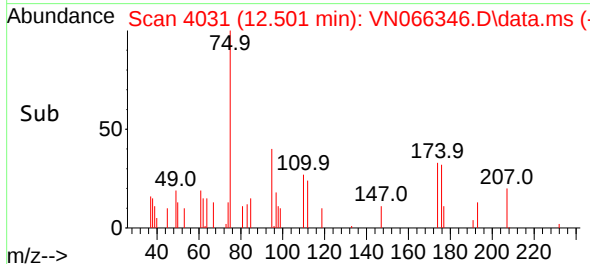
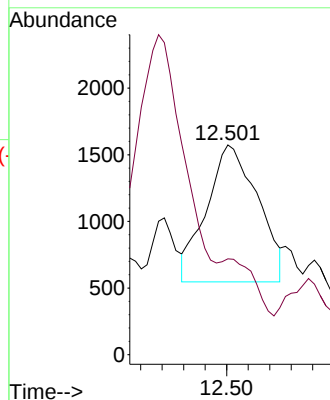
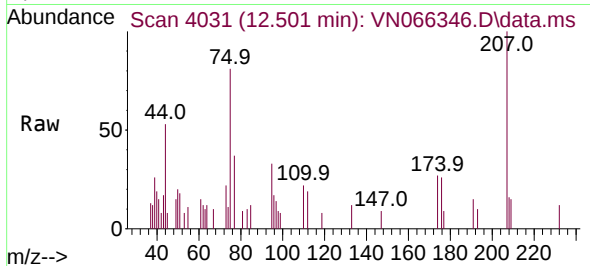
#76
1,2,3-Trichloropropane
Concen: 0.33 ug/l m
RT: 12.501 min Scan# 4031
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 75 Resp: 1702
Ion Ratio Lower Upper
75 100
77 95.5 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

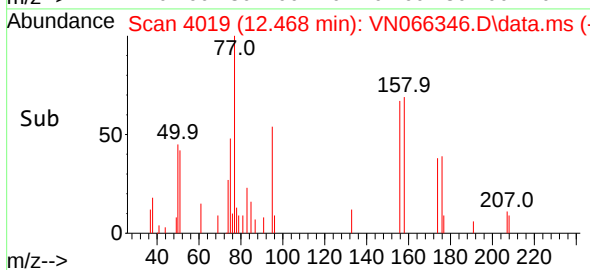
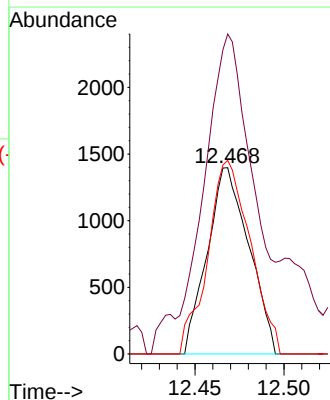
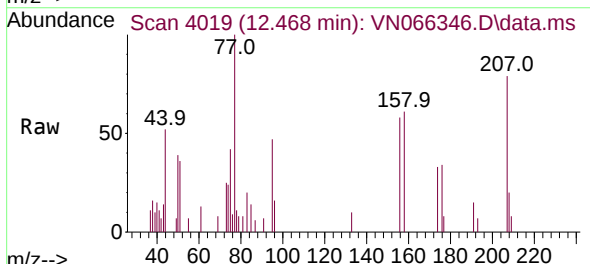
Manual Integrations
APPROVED

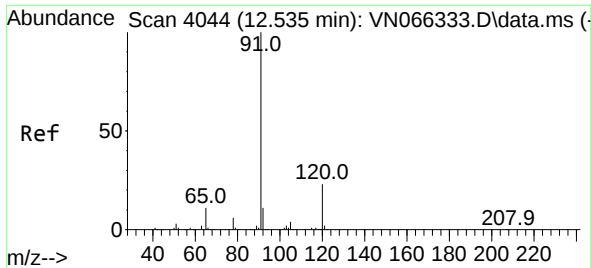
MMDadoda
3/31/2021 3:39:15 PM



#77
Bromobenzene
Concen: 0.52 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. -0.000 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

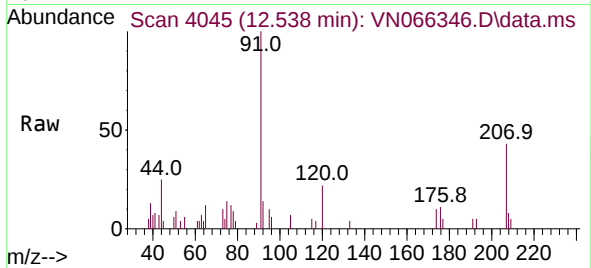
Tgt Ion: 156 Resp: 2271
Ion Ratio Lower Upper
156 100
77 207.7 99.7 299.1
158 106.1 48.8 146.3





#78
n-propylbenzene
Concen: 0.50 ug/l
RT: 12.538 min Scan# 4045
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

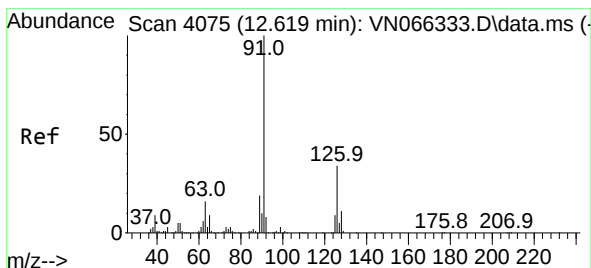
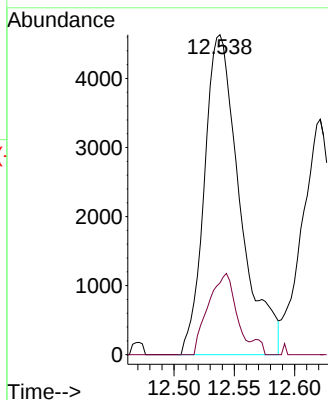
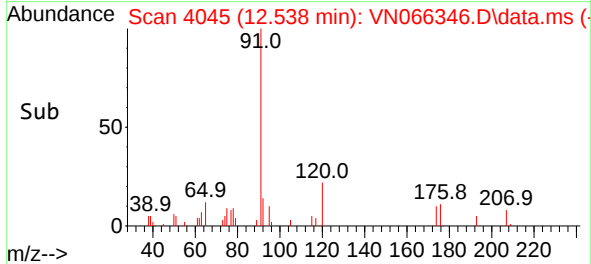
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



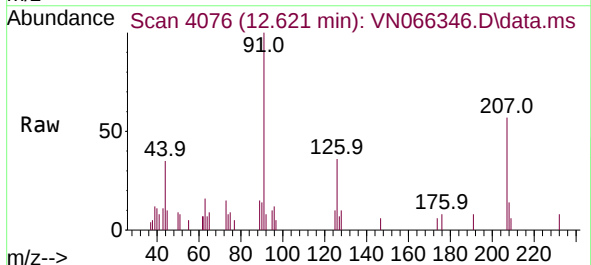
Tgt Ion: 91 Resp: 9494
Ion Ratio Lower Upper
91 100
120 19.7 11.7 35.1

Manual Integrations
APPROVED

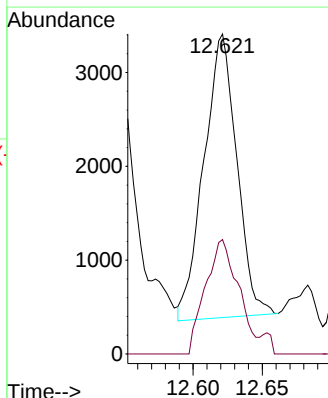
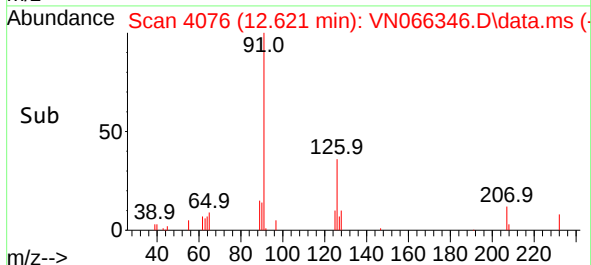
MMDadoda
3/31/2021 3:39:15 PM

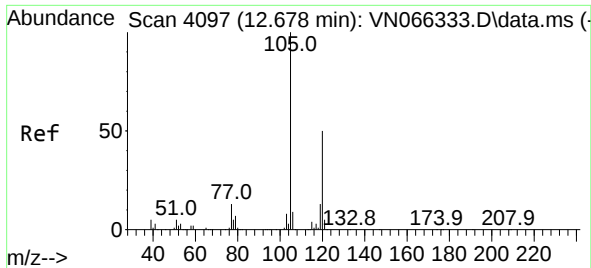


#79
2-Chlorotoluene
Concen: 0.43 ug/l
RT: 12.621 min Scan# 4076
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



Tgt Ion: 91 Resp: 5007
Ion Ratio Lower Upper
91 100
126 40.1 17.2 51.5





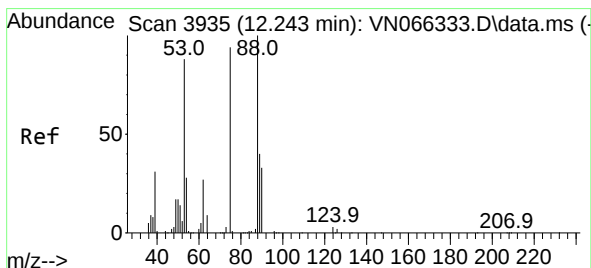
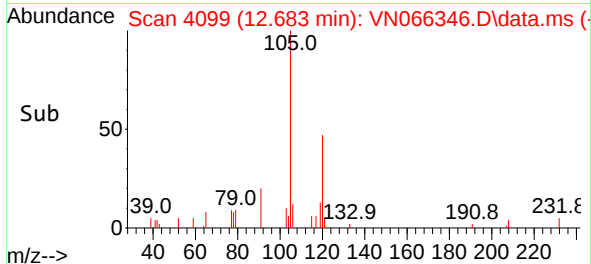
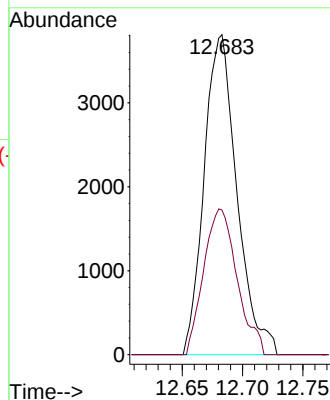
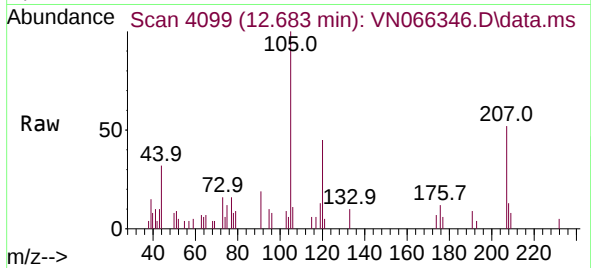
#80
1,3,5-Trimethylbenzene
Concen: 0.51 ug/l
RT: 12.683 min Scan# 4099
Delta R.T. 0.005 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 105 Resp: 7198
Ion Ratio Lower Upper
105 100
120 46.5 24.5 73.5

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

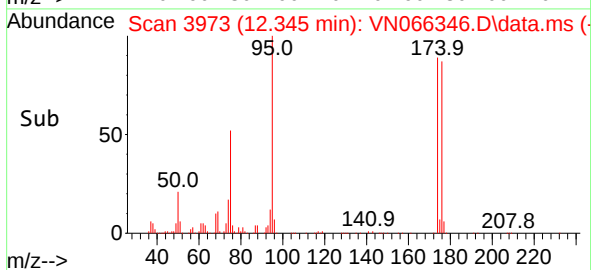
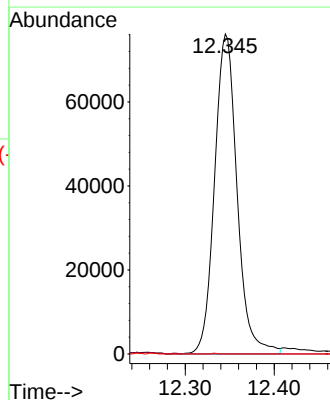
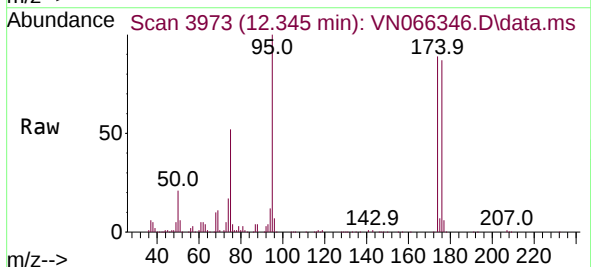
Manual Integrations
APPROVED

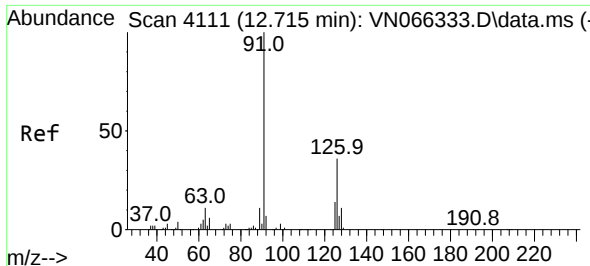
MMDadoda
3/31/2021 3:39:15 PM



#81
trans-1,4-Dichloro-2-butene
Concen: 78.42 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

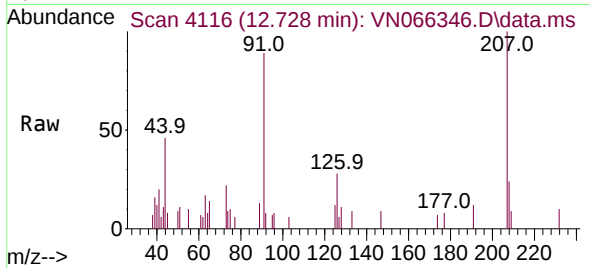
Tgt Ion: 75 Resp: 133982
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#





#82
4-Chlorotoluene
Concen: 0.36 ug/l
RT: 12.728 min Scan# 4116
Delta R.T. 0.013 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

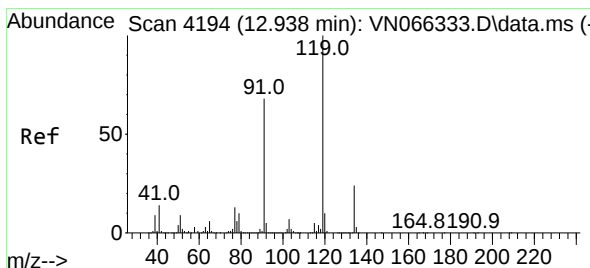
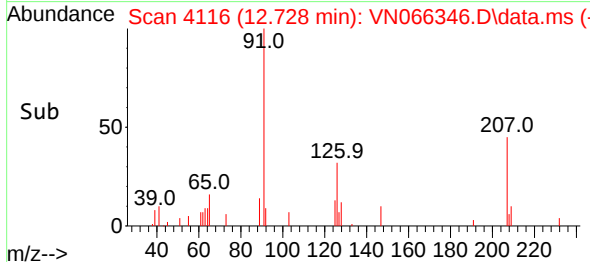
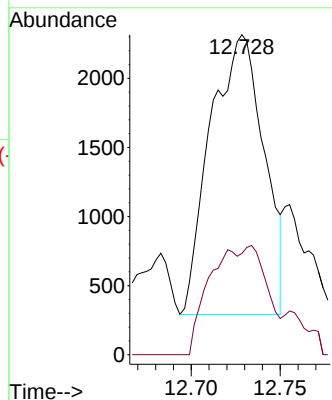
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



Tgt Ion: 91 Resp: 4230
Ion Ratio Lower Upper
91 100
126 21.8 16.6 49.8

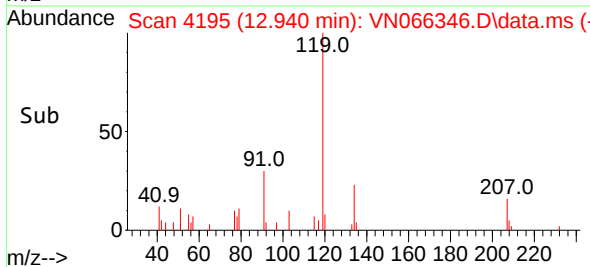
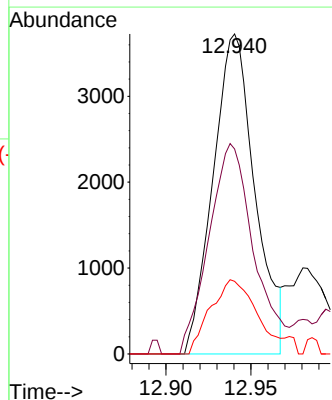
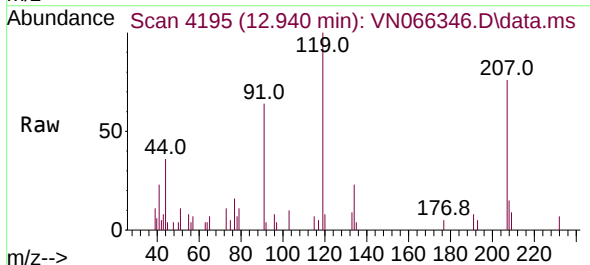
Manual Integrations
APPROVED

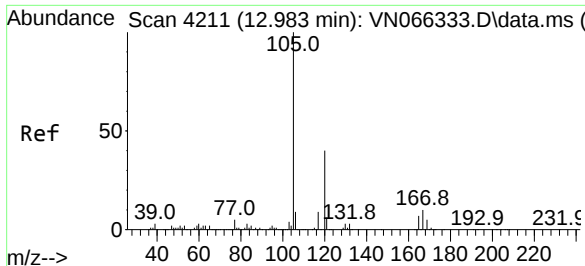
MMDadoda
3/31/2021 3:39:15 PM



#83
tert-Butylbenzene
Concen: 0.52 ug/l
RT: 12.940 min Scan# 4195
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion: 119 Resp: 6401
Ion Ratio Lower Upper
119 100
91 70.6 33.3 99.8
134 25.3 12.9 38.6





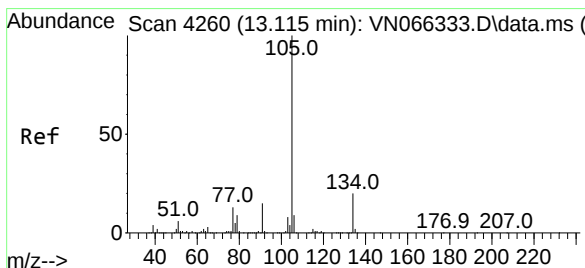
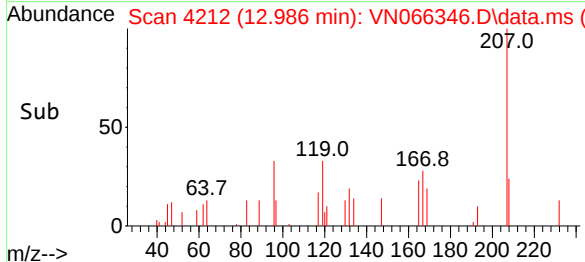
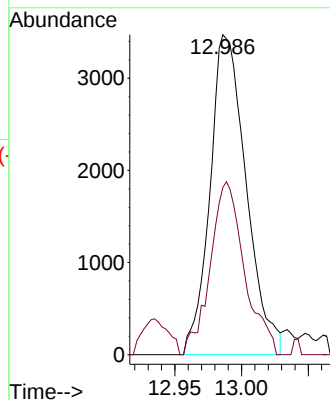
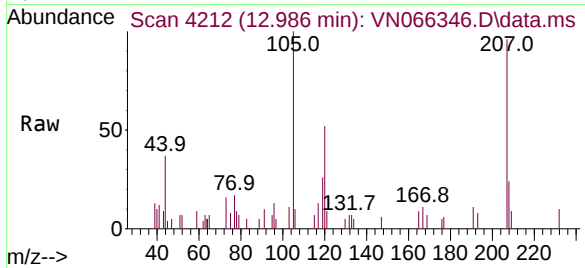
#84
1,2,4-Trimethylbenzene
Concen: 0.47 ug/l
RT: 12.986 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:105 Resp: 6555
Ion Ratio Lower Upper
105 100
120 51.0 23.1 69.2

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

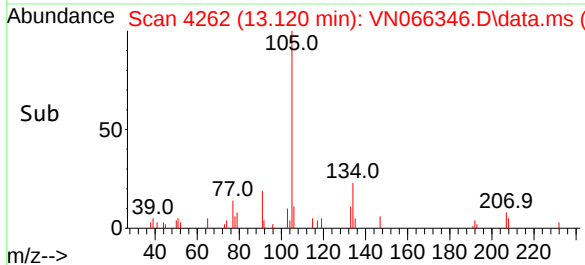
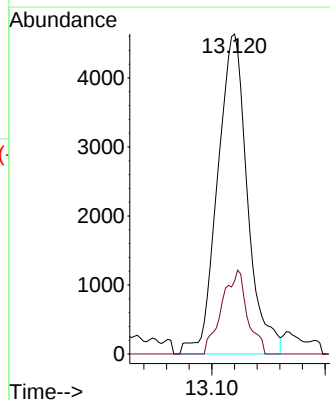
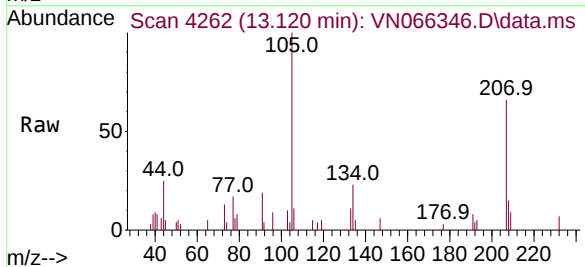
Manual Integrations
APPROVED

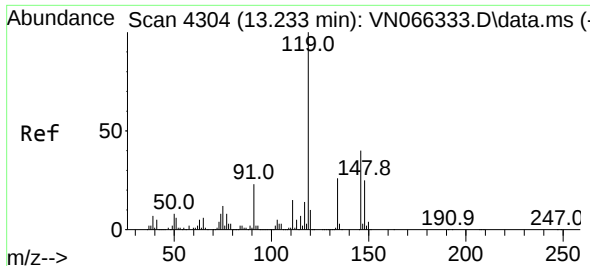
MMDadoda
3/31/2021 3:39:15 PM



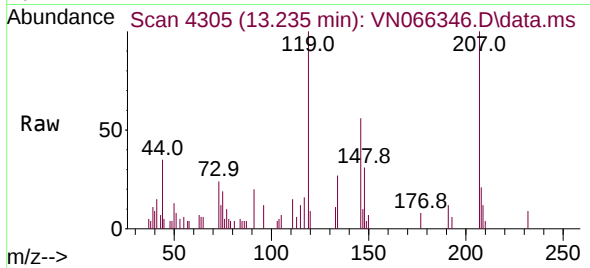
#85
sec-Butylbenzene
Concen: 0.53 ug/l
RT: 13.120 min Scan# 4262
Delta R.T. 0.005 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:105 Resp: 8492
Ion Ratio Lower Upper
105 100
134 22.2 9.9 29.7

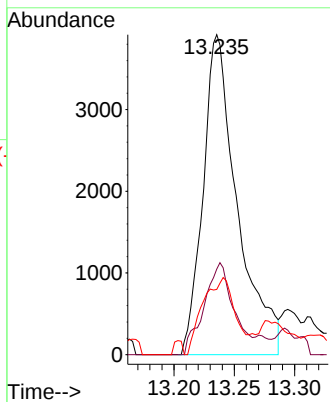
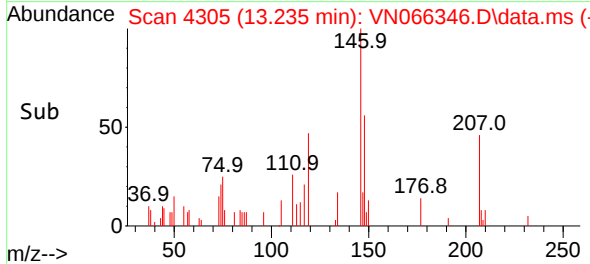




#86
p-Isopropyltoluene
Concen: 0.54 ug/l
RT: 13.235 min Scan# 4305
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



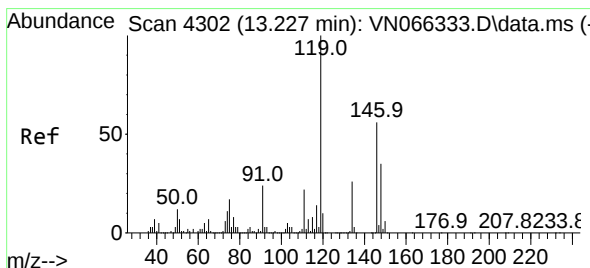
Tgt Ion:	119	Resp:	7742
Ion Ratio	Lower	Upper	
119	100		
134	24.9	12.9	38.7
91	22.9	11.5	34.5



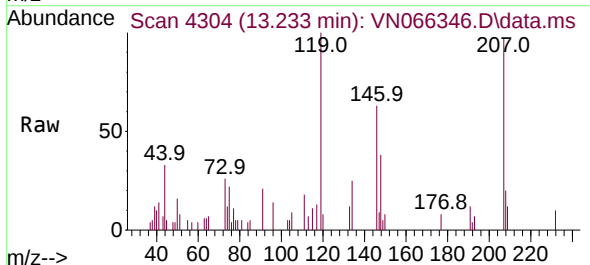
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

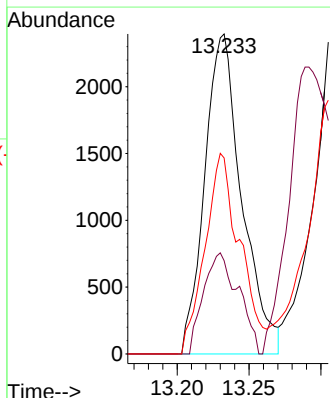
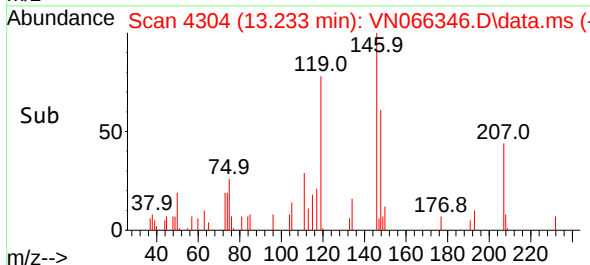
MMDadoda
3/31/2021 3:39:15 PM

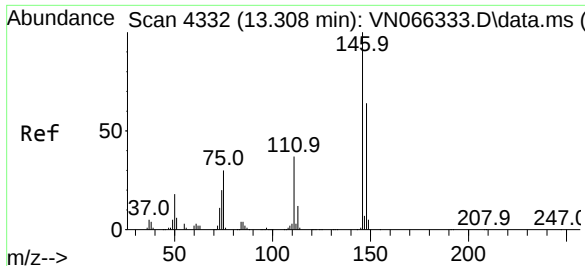


#87
1,3-Dichlorobenzene
Concen: 0.58 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. 0.005 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56



Tgt Ion:	146	Resp:	4294
Ion Ratio	Lower	Upper	
146	100		
111	29.9	19.4	58.1
148	59.3	31.8	95.4





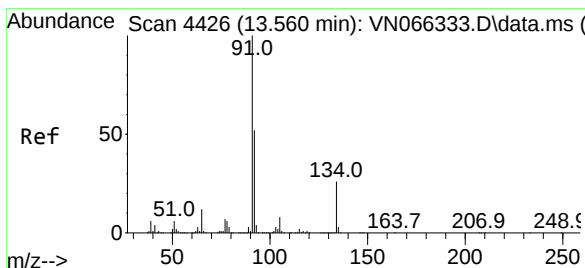
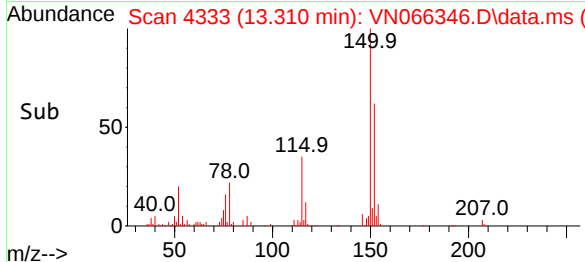
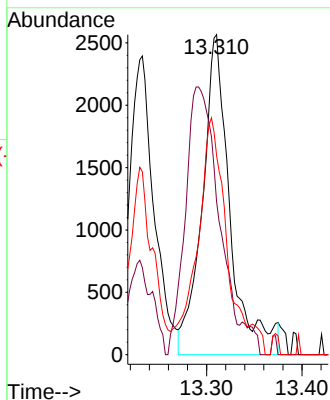
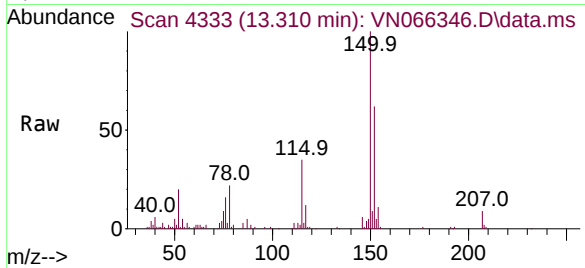
#88
1,4-Dichlorobenzene
Concen: 0.68 ug/l m
RT: 13.310 min Scan# 4333
Delta R.T. 0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:	146	Resp:	5186
Ion	Ratio	Lower	Upper
146	100		
111	24.7	18.3	54.9
148	49.1	31.9	95.9

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

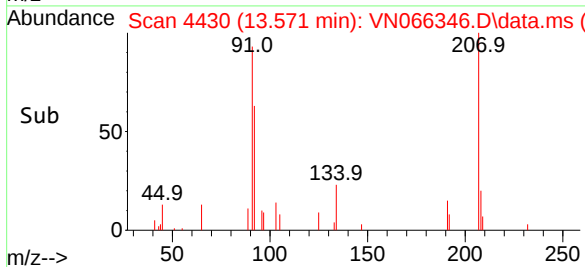
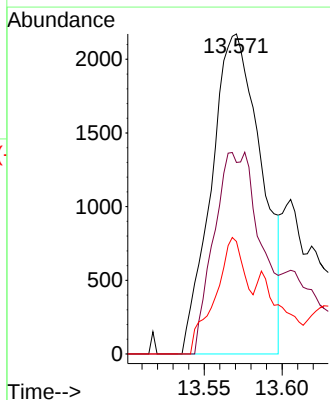
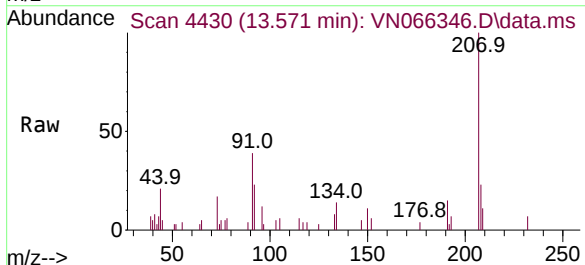
Manual Integrations
APPROVED

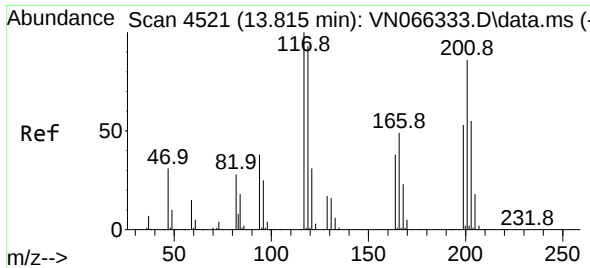
MMDadoda
3/31/2021 3:39:15 PM



#89
n-Butylbenzene
Concen: 0.41 ug/l
RT: 13.571 min Scan# 4430
Delta R.T. 0.011 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:	91	Resp:	4853
Ion	Ratio	Lower	Upper
91	100		
92	59.3	26.1	78.3
134	23.1	12.8	38.4





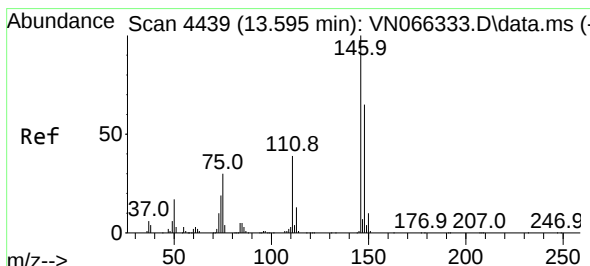
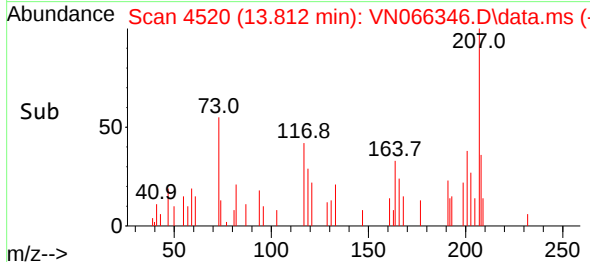
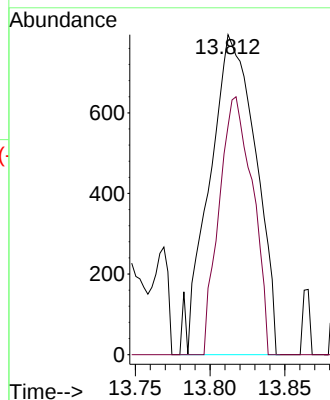
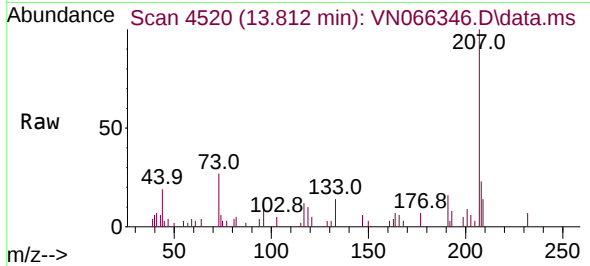
#90
Hexachloroethane
Concen: 0.67 ug/l
RT: 13.812 min Scan# 4520
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:117 Resp: 1713
Ion Ratio Lower Upper
117 100
201 58.2 44.0 131.8

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

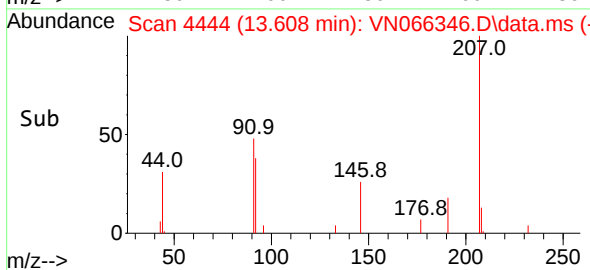
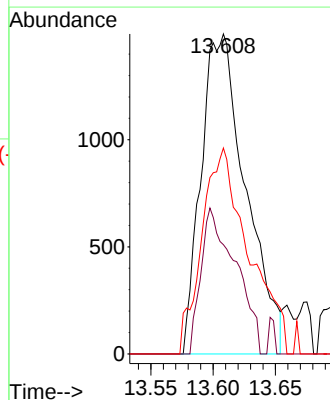
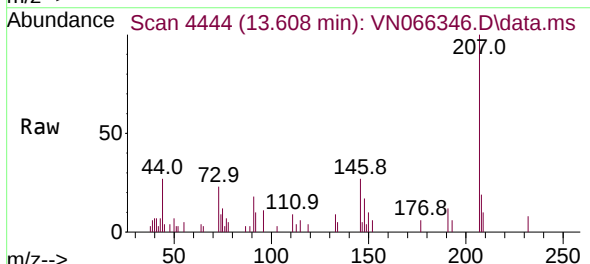
Manual Integrations
APPROVED

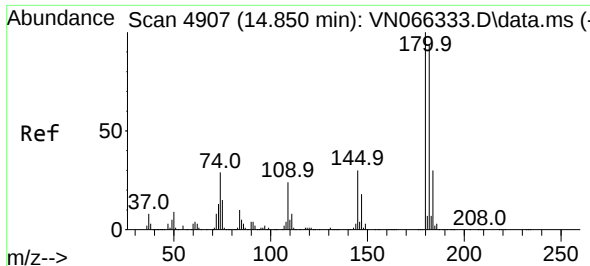
MMDadoda
3/31/2021 3:39:15 PM



#91
1,2-Dichlorobenzene
Concen: 0.51 ug/l
RT: 13.608 min Scan# 4444
Delta R.T. 0.013 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:146 Resp: 3717
Ion Ratio Lower Upper
146 100
111 35.4 19.7 59.1
148 67.5 32.3 96.8





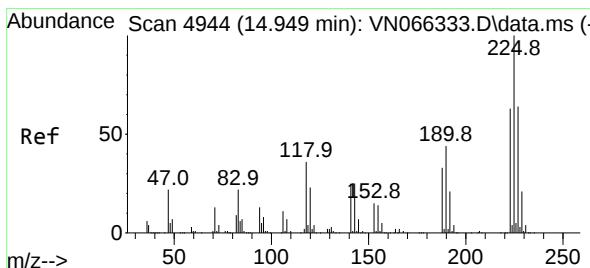
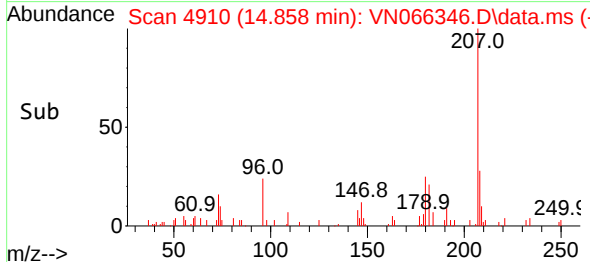
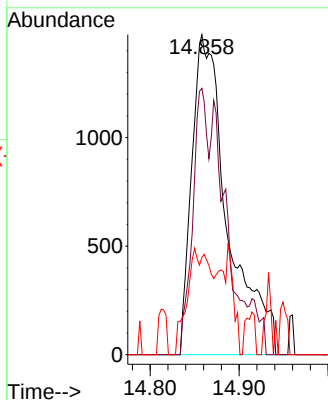
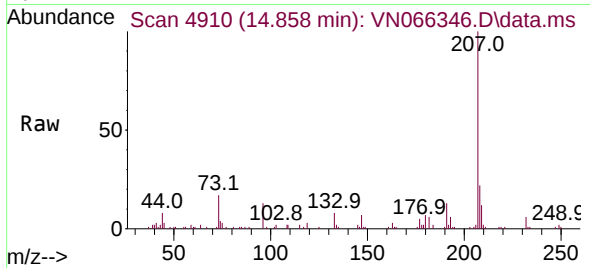
#93
1,2,4-Trichlorobenzene
Concen: 0.92 ug/l
RT: 14.858 min Scan# 4910
Delta R.T. 0.008 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:180 Resp: 4131
Ion Ratio Lower Upper
180 100
182 35.6 47.4 142.3#
145 11.9 14.2 42.8#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

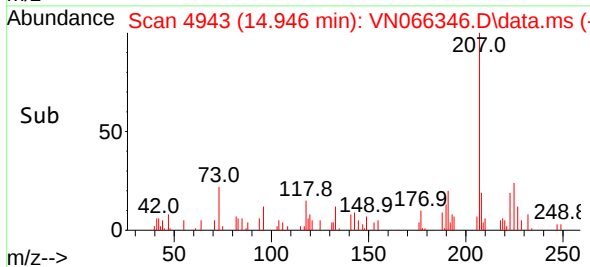
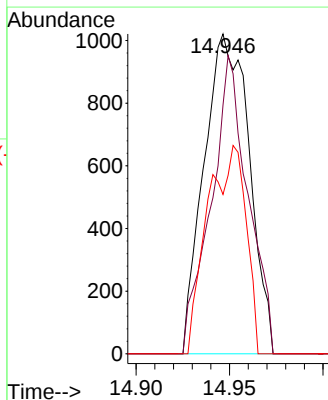
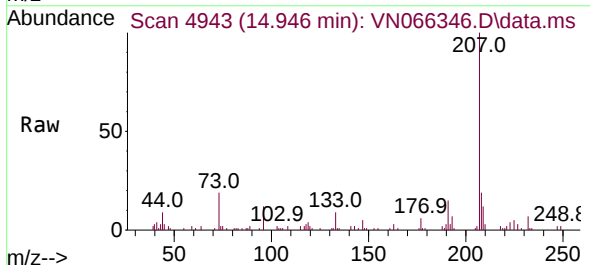
Manual Integrations
APPROVED

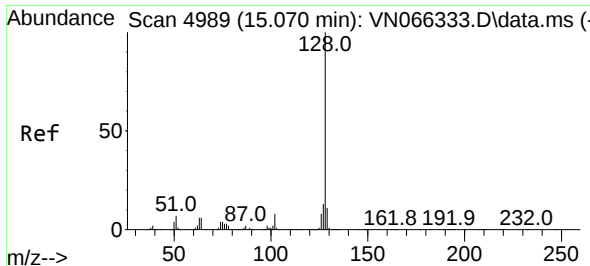
MMDadoda
3/31/2021 3:39:15 PM



#94
Hexachlorobutadiene
Concen: 0.70 ug/l
RT: 14.946 min Scan# 4943
Delta R.T. -0.003 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion:225 Resp: 1715
Ion Ratio Lower Upper
225 100
223 76.6 31.1 93.5
227 55.3 32.1 96.3





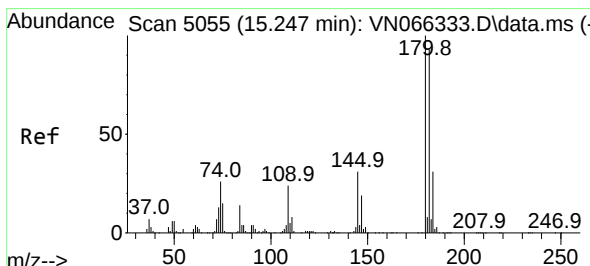
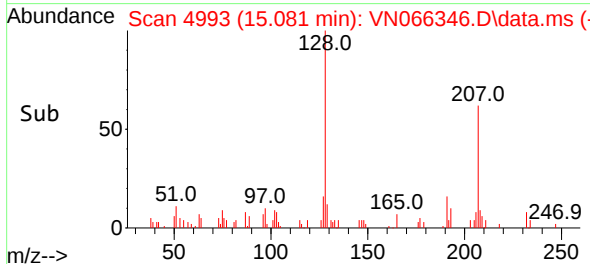
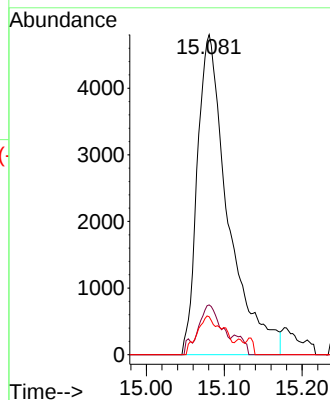
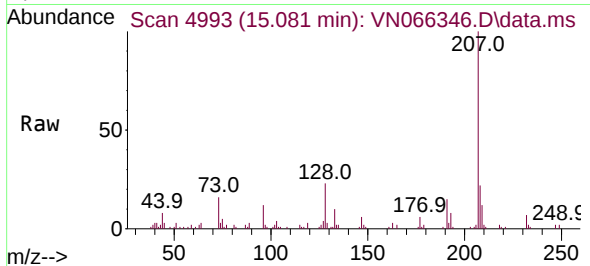
#95
Naphthalene
Concen: 0.97 ug/l
RT: 15.081 min Scan# 4993
Delta R.T. 0.011 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion	Ratio	Lower	Upper
128	100		
127	8.3	10.5	15.7#
129	10.3	8.5	12.7

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

MMDadoda
3/31/2021 3:39:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 0.83 ug/l
RT: 15.260 min Scan# 5060
Delta R.T. 0.013 min
Lab File: VN066346.D
Acq: 26 Mar 2021 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	42.1	47.6	142.9#
145	25.7	15.4	46.1

