

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033121\
 Data File : VN066444.D
 Acq On : 31 Mar 2021 16:10
 Operator : JC/MD
 Sample : M1458-09 0.5 PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2021

Quant Time: Apr 01 02:42:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 02:41:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	362130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	570159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	507484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	213640	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	250205	51.97	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.94%
35) Dibromofluoromethane	7.504	113	193965	51.32	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.64%
50) Toluene-d8	10.025	98	709277	49.47	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.94%
62) 4-Bromofluorobenzene	12.345	95	215509	43.28	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.56%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.816	85	2372	0.52	ug/l	97
3) Chloromethane	2.011	50	4565	0.85	ug/l	95
4) Vinyl Chloride	2.145	62	3301	0.63	ug/l	93
5) Bromomethane	2.524	94	2537	0.72	ug/l #	80
6) Chloroethane	2.655	64	1989	0.61	ug/l #	76
7) Trichlorofluoromethane	2.955	101	4038	0.56	ug/l	99
8) Diethyl Ether	3.344	74	1163	0.40	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.674	101	1744	0.43	ug/l #	81
10) Methyl Iodide	3.859	142	1888	0.33	ug/l #	90
11) Tert butyl alcohol	4.715	59	1217	1.66	ug/l #	85
12) 1,1-Dichloroethene	3.655	96	2315	0.56	ug/l #	74
13) Acrolein	3.527	56	1630	3.42	ug/l #	1
14) Allyl chloride	4.224	41	4327	0.53	ug/l #	75
15) Acrylonitrile	4.884	53	5149	2.51	ug/l #	18
16) Acetone	3.739	43	13272	5.10	ug/l	90
17) Carbon Disulfide	3.961	76	8731	0.71	ug/l #	94
18) Methyl Acetate	4.235	43	3142	0.46	ug/l #	78
19) Methyl tert-butyl Ether	4.945	73	4545	0.37	ug/l #	78
20) Methylene Chloride	4.447	84	4243	0.85	ug/l	89
22) Diisopropyl ether	5.849	45	6841	0.53	ug/l #	93
23) Vinyl Acetate	5.793	43	23275	2.13	ug/l	96
24) 1,1-Dichloroethane	5.739	63	2965	0.42	ug/l #	83
25) 2-Butanone	6.748	43	7445	2.62	ug/l #	85
26) 2,2-Dichloropropane	6.726	77	2089	0.33	ug/l	98
27) cis-1,2-Dichloroethene	6.737	96	2228	0.51	ug/l	82
28) Bromochloromethane	7.110	49	1975	0.55	ug/l #	89
29) Tetrahydrofuran	7.131	42	4947	2.67	ug/l #	68
30) Chloroform	7.281	83	3791	0.54	ug/l	93
31) Cyclohexane	7.576	56	10457	1.57	ug/l #	23
32) 1,1,1-Trichloroethane	7.480	97	3072	0.49	ug/l #	40
36) 1,1-Dichloropropene	7.697	75	1421	0.27	ug/l #	93
37) Ethyl Acetate	6.847	43	2777	0.47	ug/l #	73
38) Carbon Tetrachloride	7.684	117	3327	0.62	ug/l #	81
39) Methylcyclohexane	9.006	83	2931	0.45	ug/l	91
40) Benzene	7.960	78	8655	0.54	ug/l #	86
41) Methacrylonitrile	7.075	41	901	0.31	ug/l #	59

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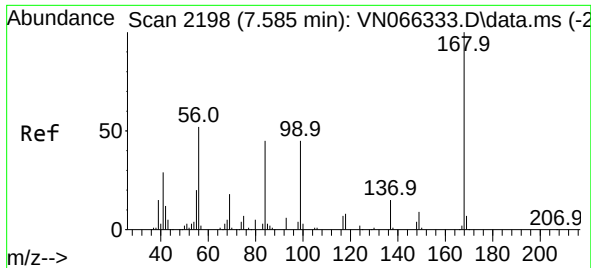
Instrument :
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 ClientSampleId :
 MDL-WATER-03-QT1-2021

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.048	62	3650	0.63	ug/l	82
43) Isopropyl Acetate	8.091	43	5734	0.57	ug/l #	91
44) Trichloroethene	8.756	130	1130	0.27	ug/l	90
45) 1,2-Dichloropropane	9.049	63	2542	0.59	ug/l	100
46) Dibromomethane	9.132	93	653	0.23	ug/l #	1
47) Bromodichloromethane	9.336	83	3335	0.57	ug/l #	93
48) Methyl methacrylate	9.137	41	2733	0.57	ug/l #	63
49) 1,4-Dioxane	9.140	88	666	11.05	ug/l #	83
51) 4-Methyl-2-Pentanone	9.920	43	13326	2.26	ug/l	98
52) Toluene	10.089	92	5554	0.56	ug/l	97
53) t-1,3-Dichloropropene	10.323	75	2803	0.44	ug/l #	84
54) cis-1,3-Dichloropropene	9.778	75	3519	0.52	ug/l #	86
55) 1,1,2-Trichloroethane	10.500	97	2291	0.57	ug/l #	94
56) Ethyl methacrylate	10.371	69	2591	0.42	ug/l #	81
57) 1,3-Dichloropropane	10.650	76	3332	0.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	665	1.21	ug/l #	49
59) 2-Hexanone	10.698	43	8785	2.13	ug/l	86
60) Dibromochloromethane	10.846	129	2034	0.46	ug/l	96
61) 1,2-Dibromoethane	10.942	107	1916	0.46	ug/l	97
64) Tetrachloroethene	10.570	164	2378	0.55	ug/l	96
65) Chlorobenzene	11.374	112	5508	0.54	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.457	131	1905	0.49	ug/l #	51
67) Ethyl Benzene	11.452	91	9574	0.52	ug/l	94
68) m/p-Xylenes	11.562	106	7002	1.00	ug/l	100
69) o-Xylene	11.892	106	3221	0.48	ug/l	91
70) Styrene	11.905	104	4275	0.39	ug/l	97
71) Bromoform	12.069	173	1335	0.41	ug/l #	88
73) Isopropylbenzene	12.197	105	7295	0.46	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.452	83	2944	0.58	ug/l #	88
76) 1,2,3-Trichloropropane	12.345	75	110042	23.47	ug/l #	100
77) Bromobenzene	12.474	156	2150	0.54	ug/l	81
78) n-propylbenzene	12.535	91	7244	0.42	ug/l	77
79) 2-Chlorotoluene	12.619	91	4862	0.46	ug/l	97
80) 1,3,5-Trimethylbenzene	12.680	105	6071	0.47	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.345	75	110042	70.59	ug/l #	12
82) 4-Chlorotoluene	12.718	91	2891	0.27	ug/l	84
83) tert-Butylbenzene	12.935	119	5110	0.46	ug/l	93
84) 1,2,4-Trimethylbenzene	12.991	105	6259	0.50	ug/l	98
85) sec-Butylbenzene	13.117	105	6963	0.48	ug/l	96
86) p-Isopropyltoluene	13.235	119	5970	0.46	ug/l	90
87) 1,3-Dichlorobenzene	13.233	146	3627	0.54	ug/l	90
88) 1,4-Dichlorobenzene	13.233	146	3627	0.52	ug/l	91
89) n-Butylbenzene	13.568	91	3174	0.30	ug/l	79
90) Hexachloroethane	13.823	117	1449	0.62	ug/l	65
91) 1,2-Dichlorobenzene	13.603	146	3406	0.51	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.206	75	271	0.28	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.863	180	2136	0.52	ug/l #	80
94) Hexachlorobutadiene	14.949	225	1182	0.53	ug/l	88
95) Naphthalene	15.083	128	8953	0.72	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.250	180	1228	0.30	ug/l #	11

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

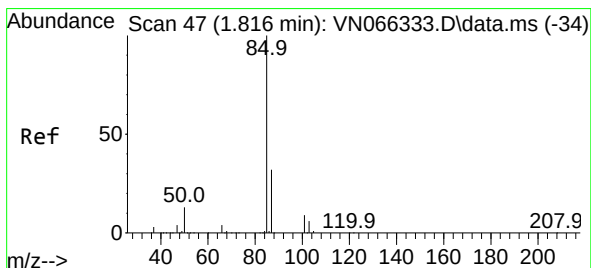
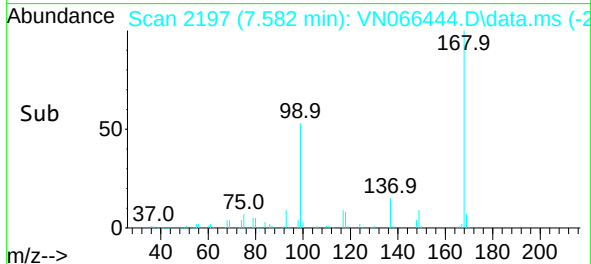
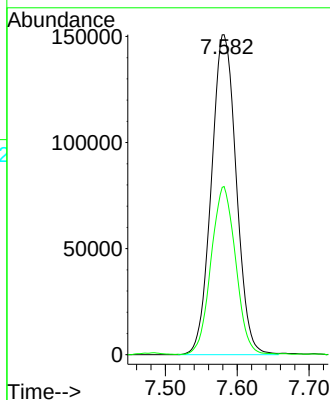
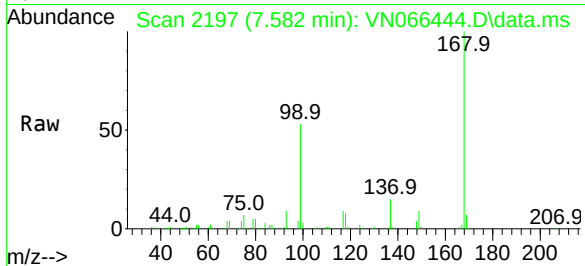
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

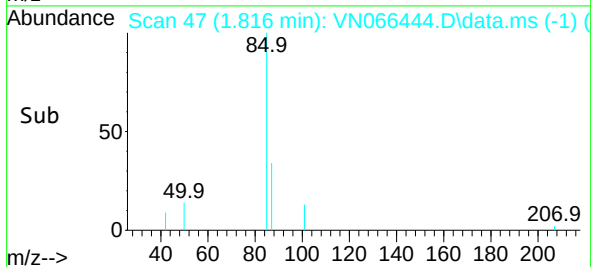
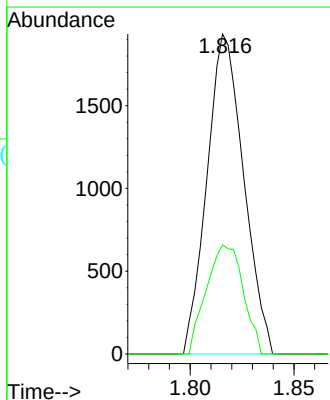
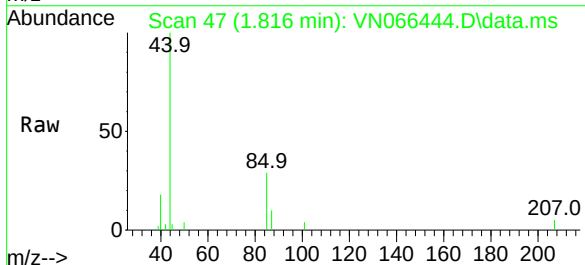
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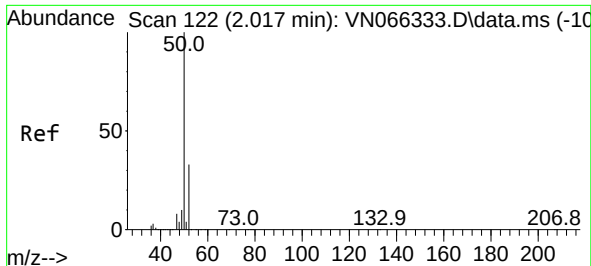
Tgt Ion:168 Resp: 362130
Ion Ratio Lower Upper
168 100
99 52.4 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 0.52 ug/l
RT: 1.816 min Scan# 47
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 85 Resp: 2372
Ion Ratio Lower Upper
85 100
87 34.1 16.2 48.6

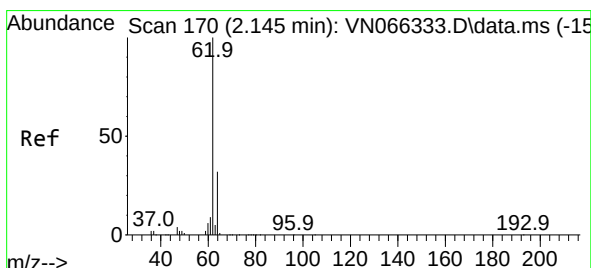
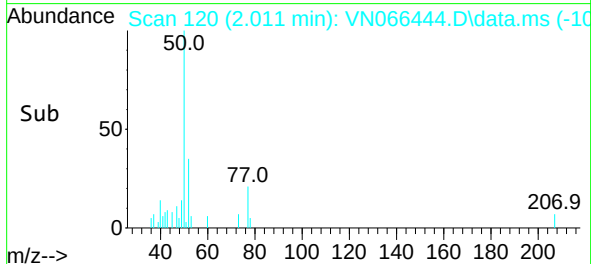
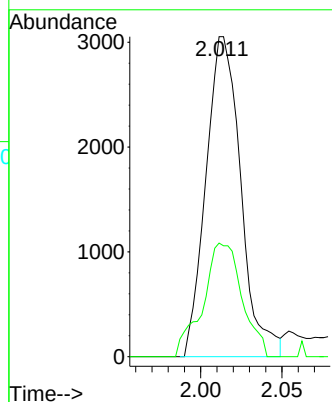
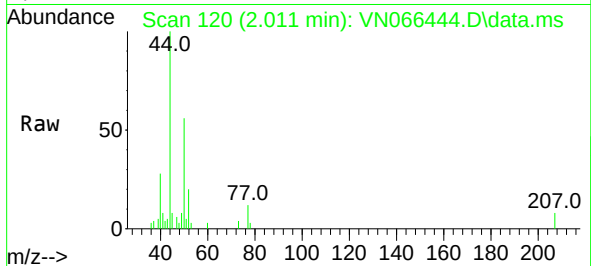




#3
Chloromethane
Concen: 0.85 ug/l
RT: 2.011 min Scan# 120
Delta R.T. -0.006 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

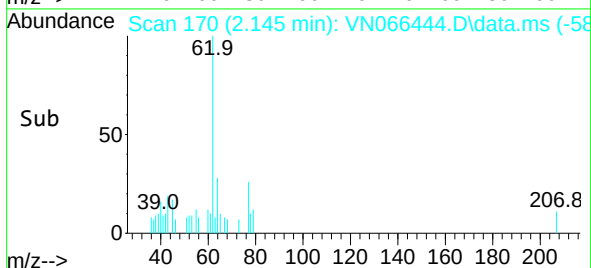
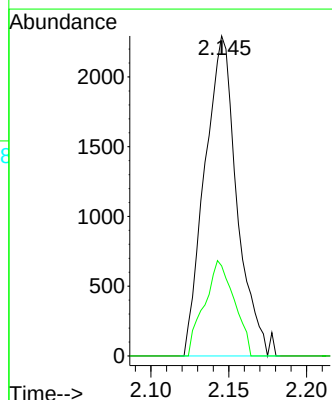
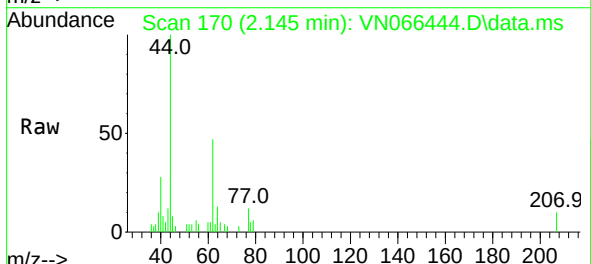
Instrument :
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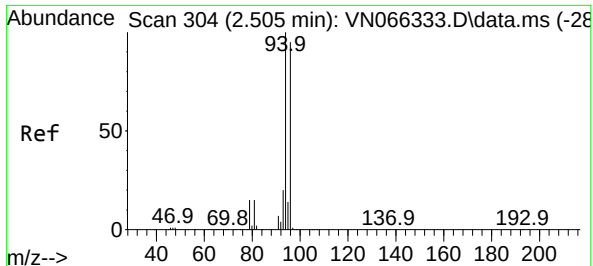
Tgt Ion: 50 Resp: 4565
Ion Ratio Lower Upper
50 100
52 35.5 26.2 39.2



#4
Vinyl Chloride
Concen: 0.63 ug/l
RT: 2.145 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 62 Resp: 3301
Ion Ratio Lower Upper
62 100
64 28.2 25.6 38.4

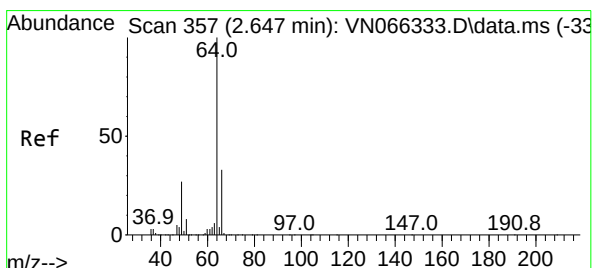
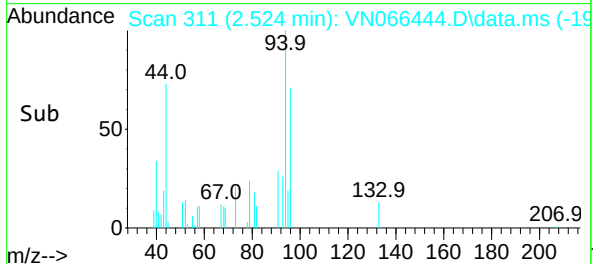
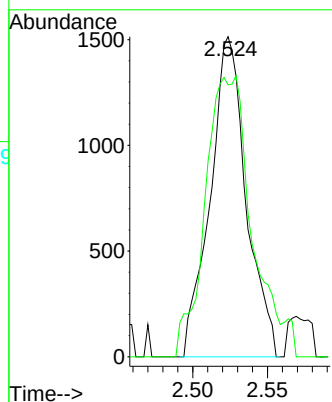
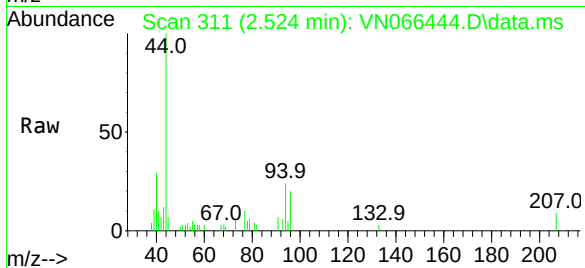




#5
Bromomethane
Concen: 0.72 ug/l
RT: 2.524 min Scan# 311
Delta R.T. 0.019 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

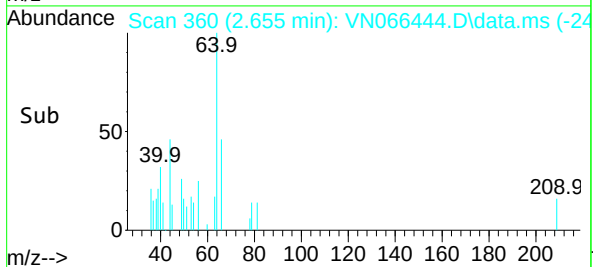
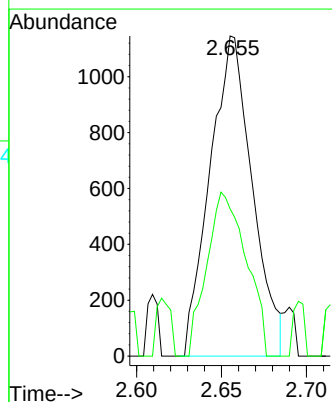
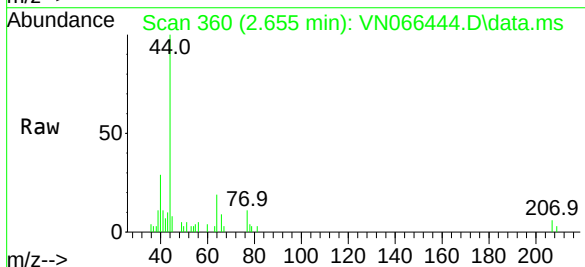
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

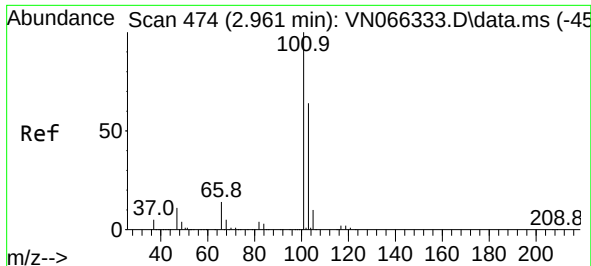
Tgt Ion: 94 Resp: 2537
Ion Ratio Lower Upper
94 100
96 74.8 75.8 113.6#



#6
Chloroethane
Concen: 0.61 ug/l
RT: 2.655 min Scan# 360
Delta R.T. 0.008 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 64 Resp: 1989
Ion Ratio Lower Upper
64 100
66 46.0 26.1 39.1#

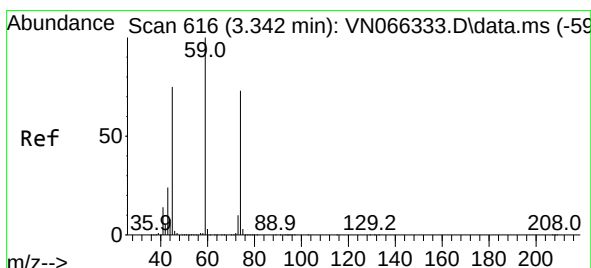
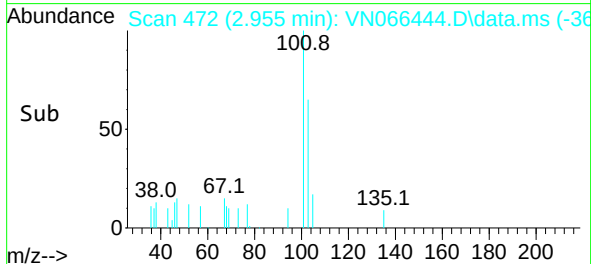
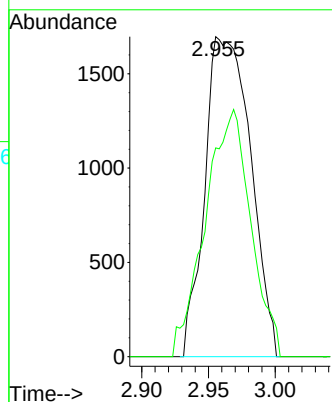
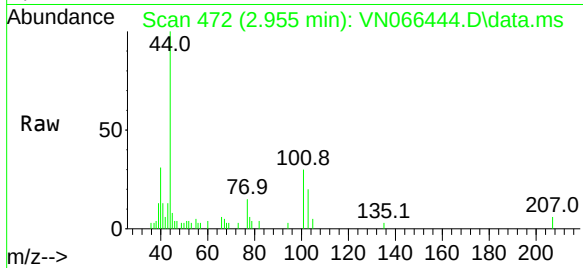




#7
 Trichlorofluoromethane
 Concen: 0.56 ug/l
 RT: 2.955 min Scan# 472
 Delta R.T. -0.005 min
 Lab File: VN066444.D
 Acq: 31 Mar 2021 16:10

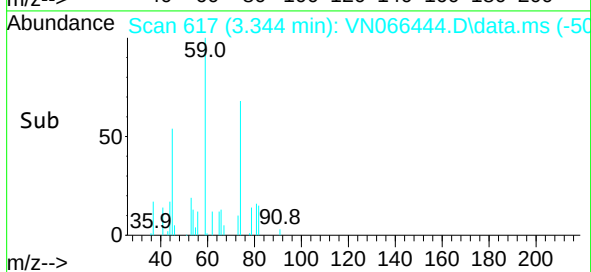
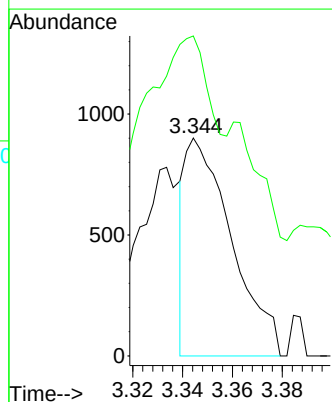
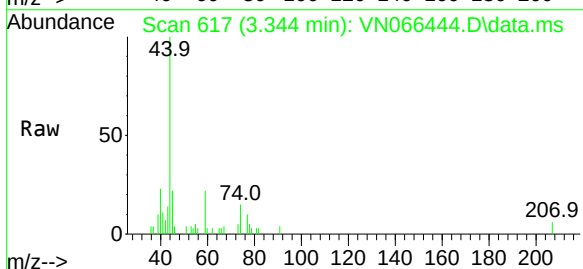
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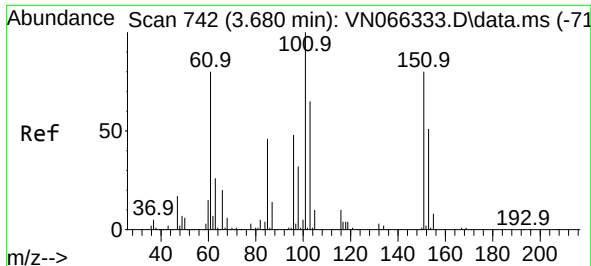
Tgt Ion:101 Resp: 4038
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 0.40 ug/l
 RT: 3.344 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VN066444.D
 Acq: 31 Mar 2021 16:10

Tgt Ion: 74 Resp: 1163
 Ion Ratio Lower Upper
 74 100
 45 131.7 51.6 154.8

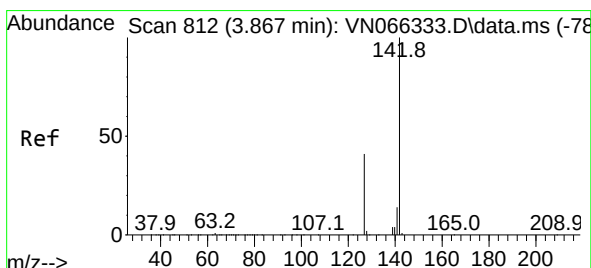
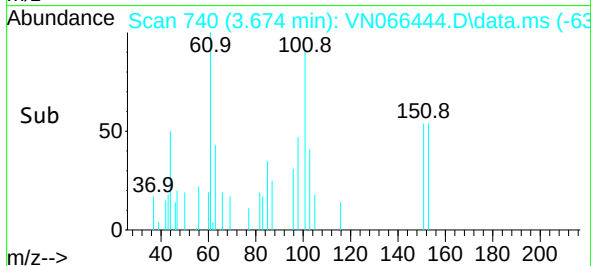
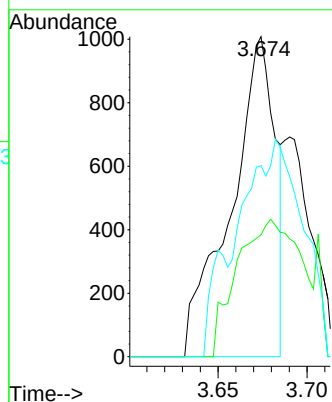
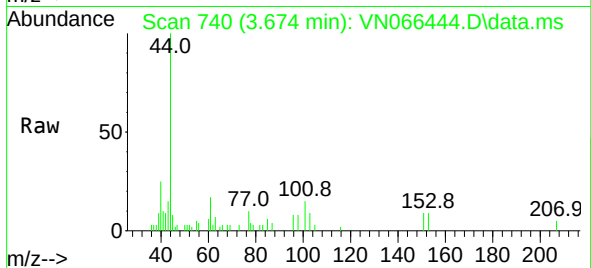




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.43 ug/l
RT: 3.674 min Scan# 740
Delta R.T. -0.006 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

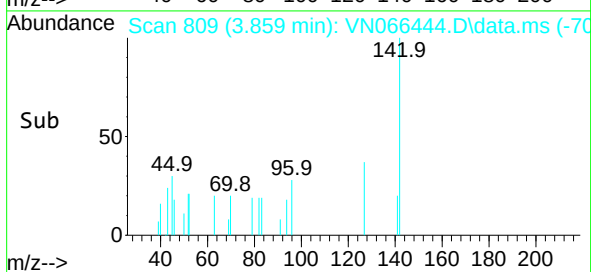
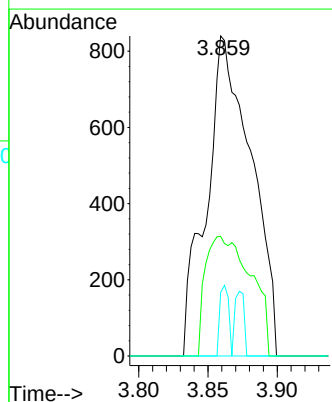
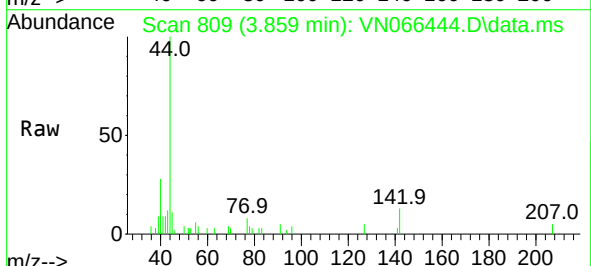
Instrument :
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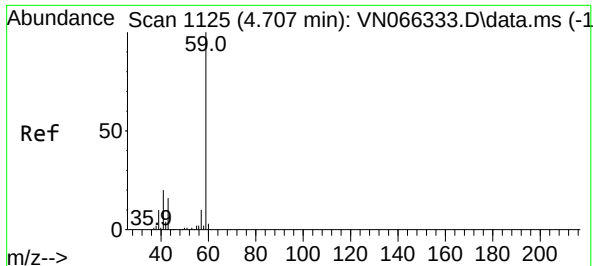
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Ion Ratio Lower Upper
101 100
85 66.8 36.8 55.2#
151 88.9 63.0 94.4



#10
Methyl Iodide
Concen: 0.33 ug/l
RT: 3.859 min Scan# 809
Delta R.T. -0.008 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:142 Resp: 1888
Ion Ratio Lower Upper
142 100
127 37.9 33.0 49.6
141 4.3 11.1 16.7#



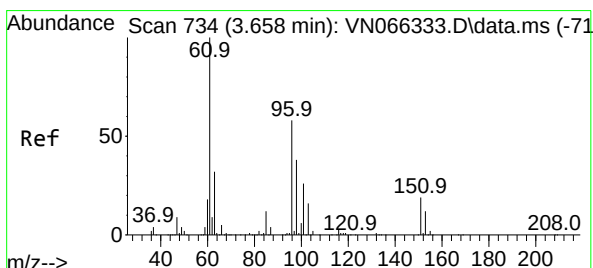
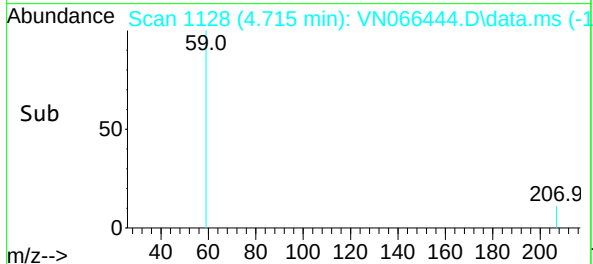
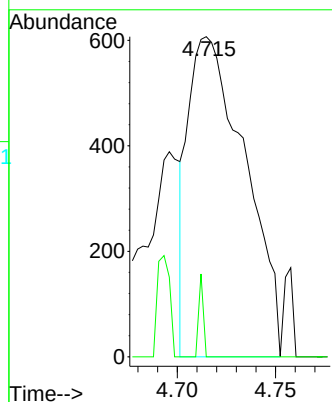
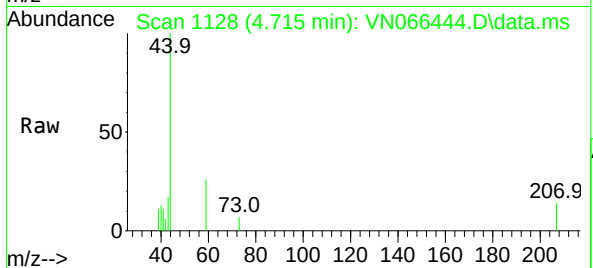


#11

Tert butyl alcohol
Concen: 1.66 ug/l
RT: 4.715 min Scan# 1128
Delta R.T. 0.008 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :
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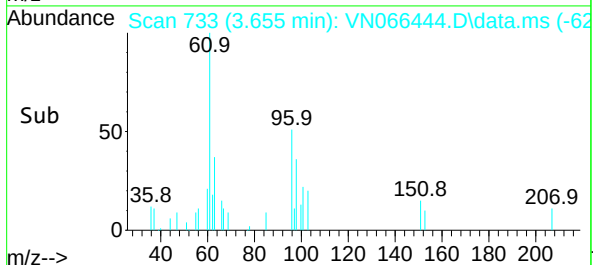
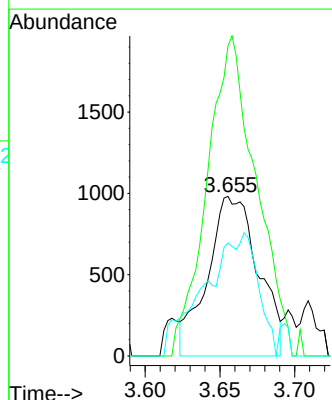
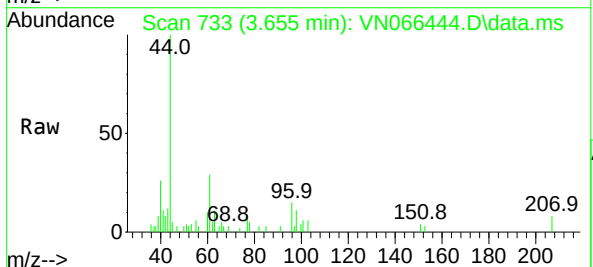
Tgt Ion: 59 Resp: 1217
Ion Ratio Lower Upper
59 100
57 0.0 4.1 6.1#

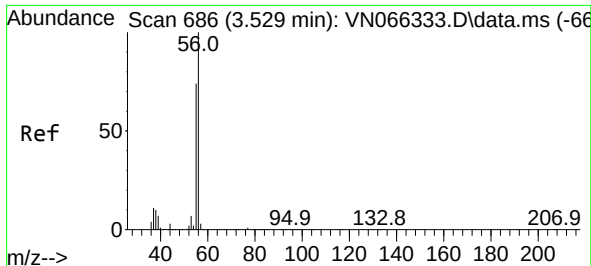


#12

1,1-Dichloroethene
Concen: 0.56 ug/l
RT: 3.655 min Scan# 733
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 96 Resp: 2315
Ion Ratio Lower Upper
96 100
61 218.4 137.0 205.4#
98 67.7 51.5 77.3

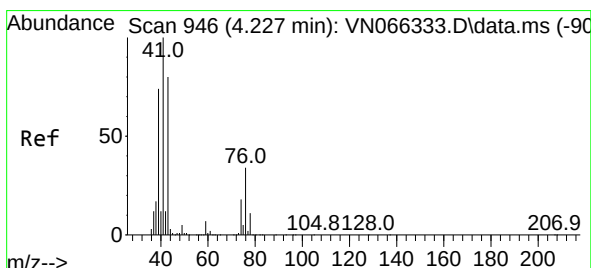
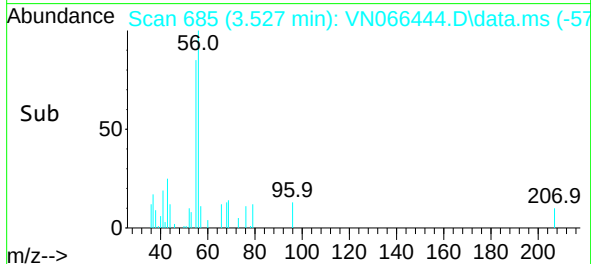
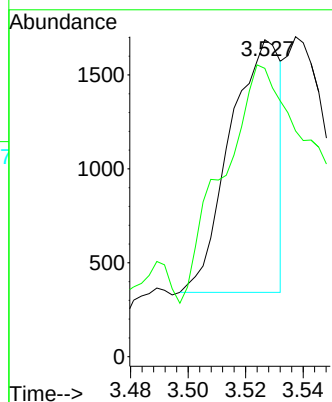
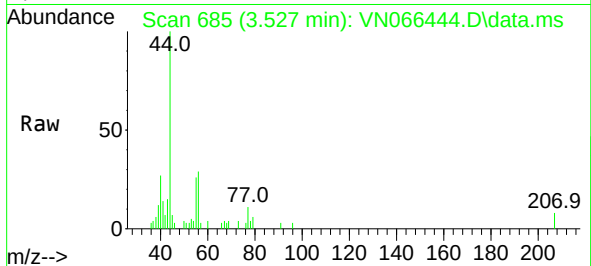




#13
Acrolein
Concen: 3.42 ug/l
RT: 3.527 min Scan# 685
Delta R.T. -0.002 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

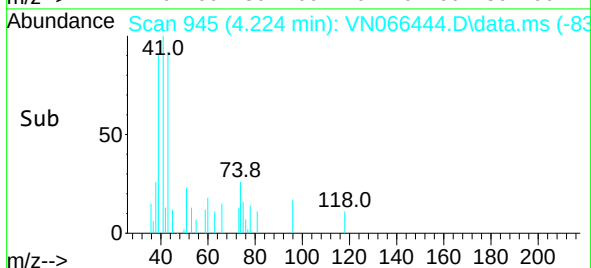
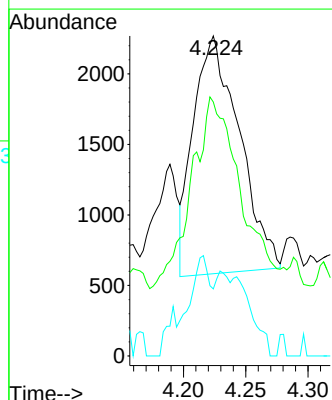
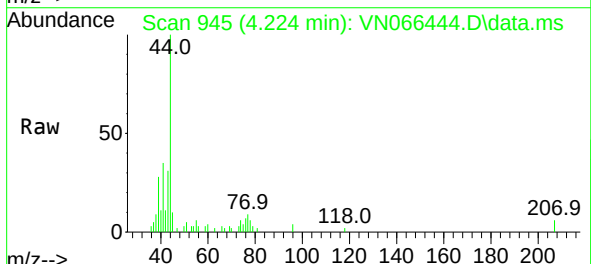
Instrument :
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ClientSampleId :
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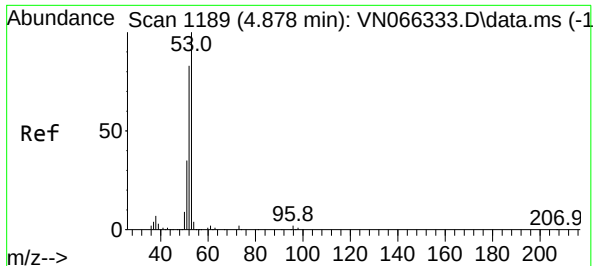
Tgt Ion: 56 Resp: 1630
Ion Ratio Lower Upper
56 100
55 197.1 57.9 86.9#



#14
Allyl chloride
Concen: 0.53 ug/l
RT: 4.224 min Scan# 945
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 41 Resp: 4327
Ion Ratio Lower Upper
41 100
39 85.4 55.3 82.9#
76 10.4 24.6 36.8#

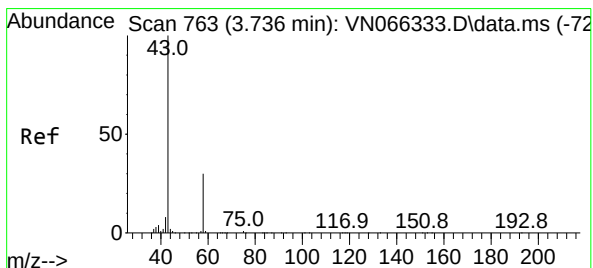
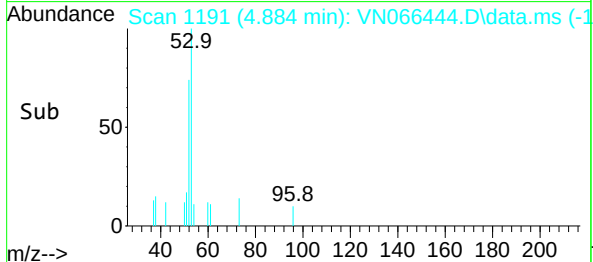
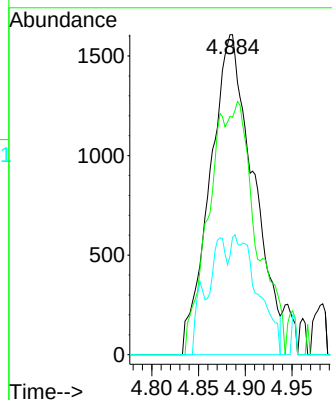
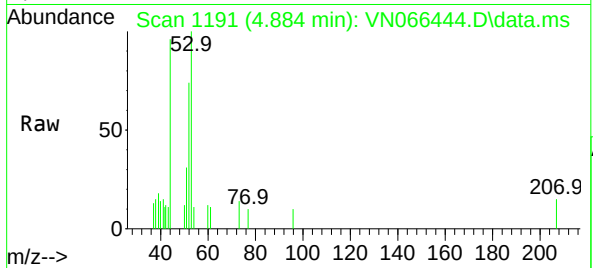




#15
Acrylonitrile
Concen: 2.51 ug/l
RT: 4.884 min Scan# 1191
Delta R.T. 0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

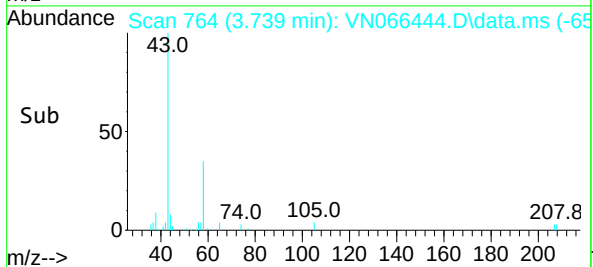
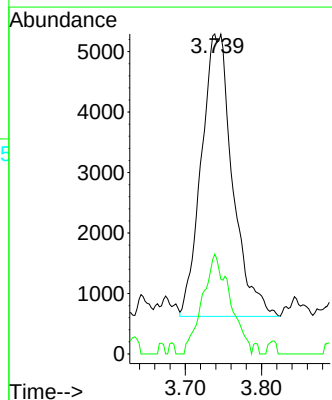
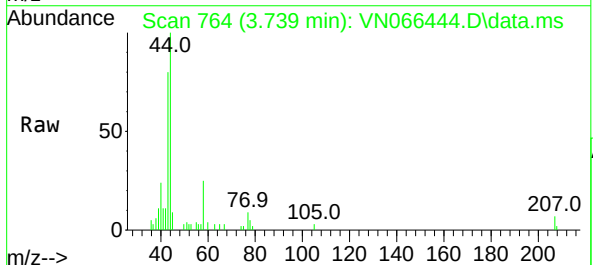
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

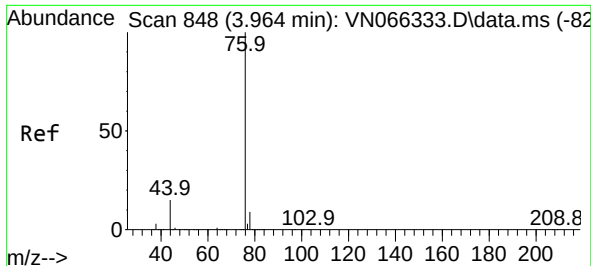
Tgt Ion: 53	Resp: 5149
Ion Ratio	Lower Upper
53 100	
52 0.0	66.6 99.8#
51 1.3	29.4 44.0#



#16
Acetone
Concen: 5.10 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 43	Resp: 13272
Ion Ratio	Lower Upper
43 100	
58 35.4	23.8 35.8

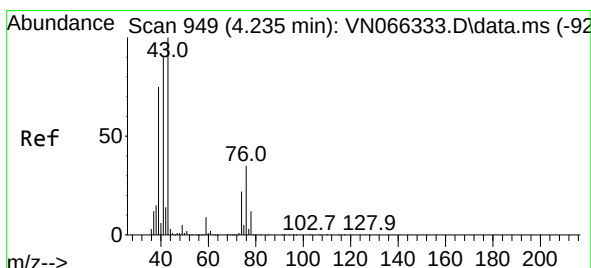
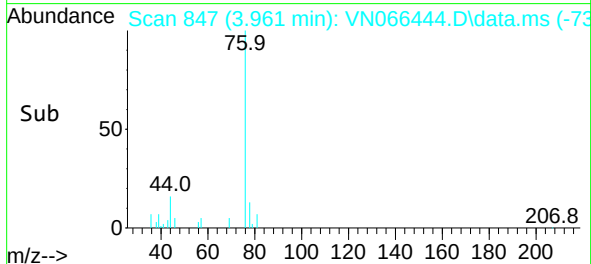
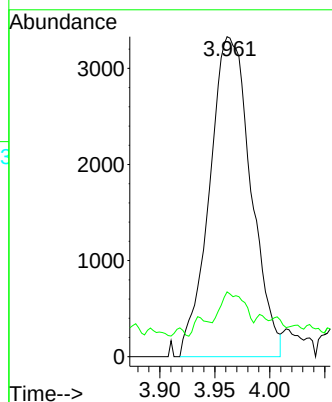
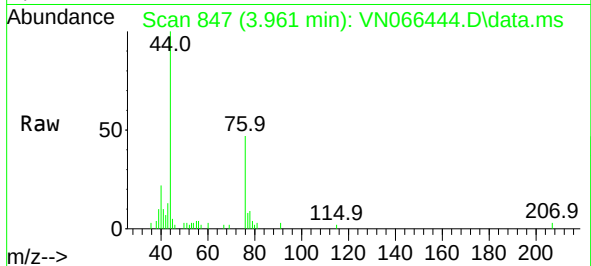




#17
Carbon Disulfide
Concen: 0.71 ug/l
RT: 3.961 min Scan# 847
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

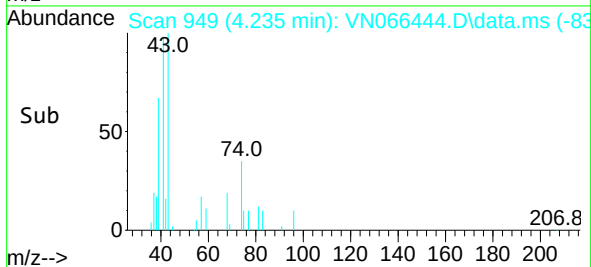
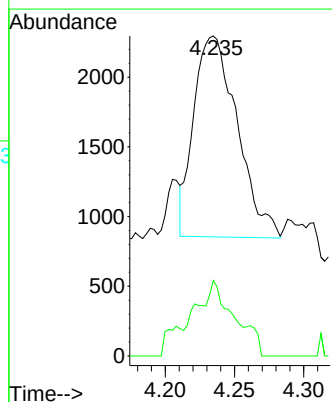
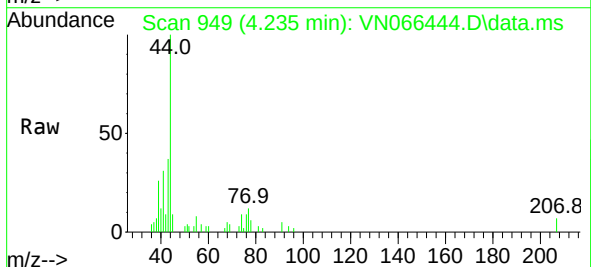
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

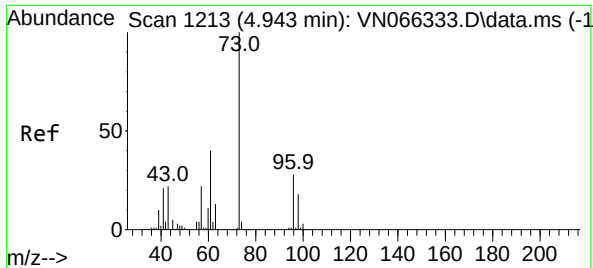
Tgt Ion: 76 Resp: 8731
Ion Ratio Lower Upper
76 100
78 11.3 7.4 11.0#



#18
Methyl Acetate
Concen: 0.46 ug/l
RT: 4.235 min Scan# 949
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 43 Resp: 3142
Ion Ratio Lower Upper
43 100
74 32.4 17.6 26.4#

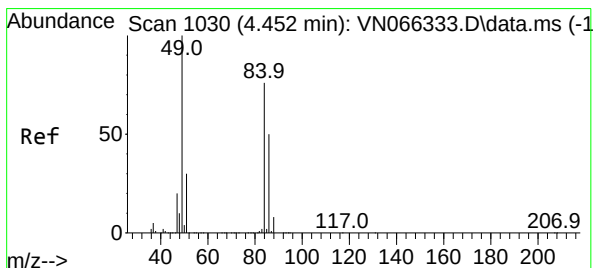
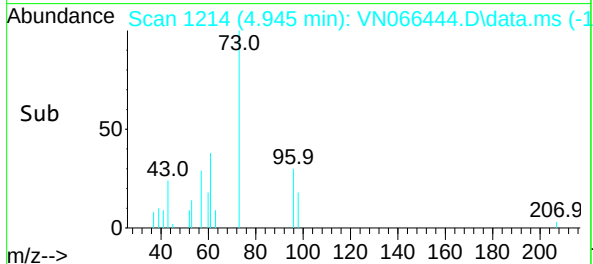
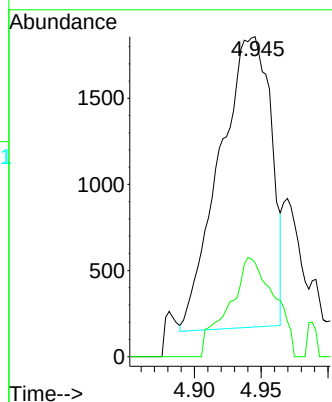
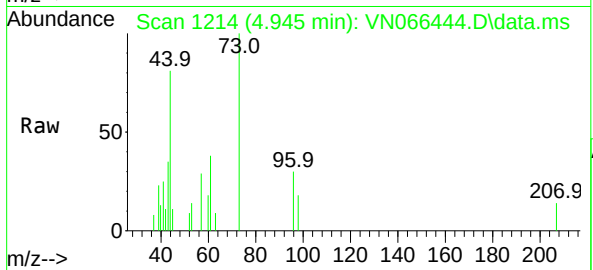




#19
Methyl tert-butyl Ether
Concen: 0.37 ug/l
RT: 4.945 min Scan# 1214
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

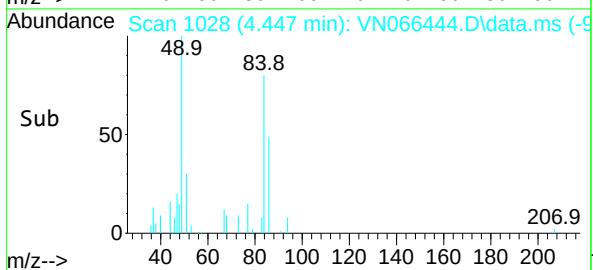
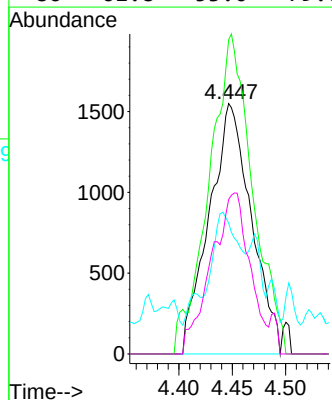
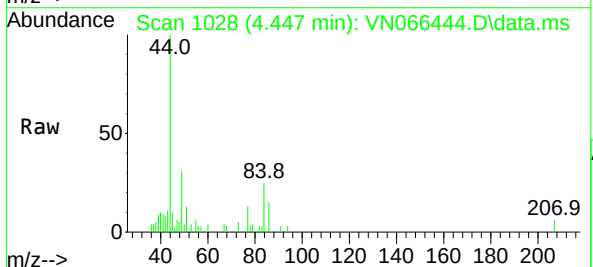
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

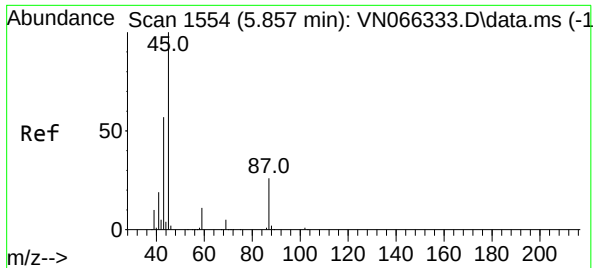
Tgt Ion: 73 Resp: 4545
Ion Ratio Lower Upper
73 100
57 32.6 17.6 26.4#



#20
Methylene Chloride
Concen: 0.85 ug/l
RT: 4.447 min Scan# 1028
Delta R.T. -0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

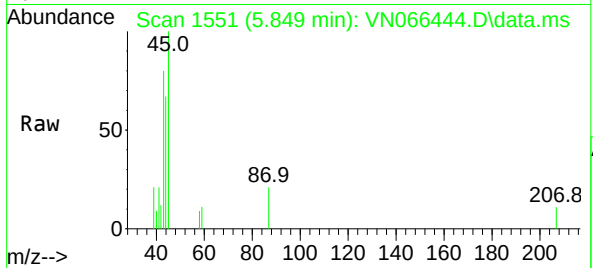
Tgt Ion: 84 Resp: 4243
Ion Ratio Lower Upper
84 100
49 111.7 105.0 157.6
51 39.6 31.6 47.4
86 61.8 53.0 79.6



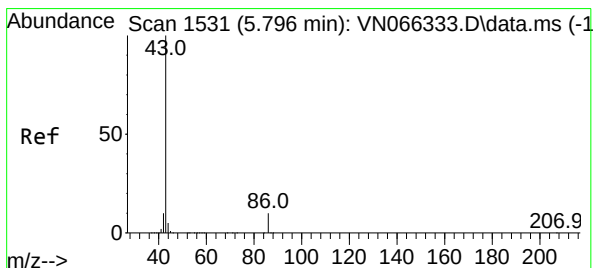
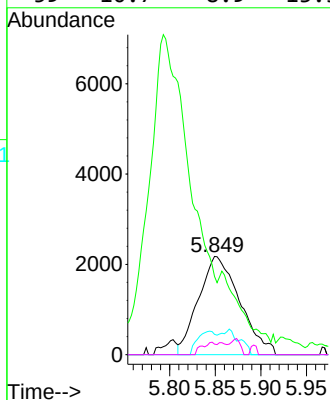
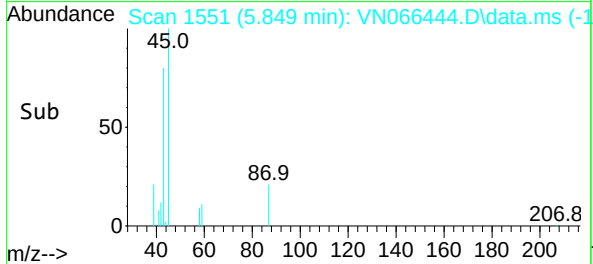


#22
Diisopropyl ether
Concen: 0.53 ug/l
RT: 5.849 min Scan# 1551
Delta R.T. -0.008 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

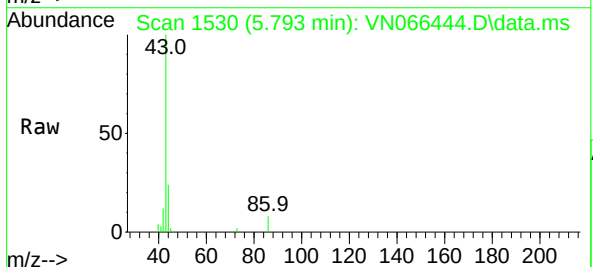
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021



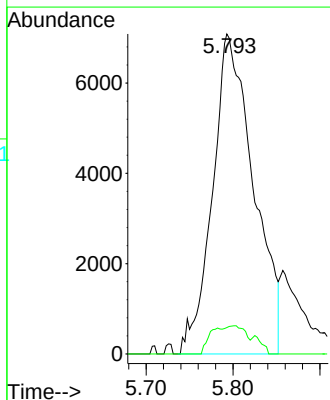
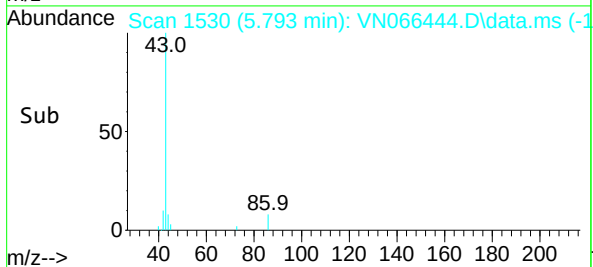
Tgt Ion:	45	Resp:	6841
Ion	Ratio	Lower	Upper
45	100		
43	64.7	48.1	72.1
87	20.7	21.6	32.4#
59	10.7	8.9	13.3

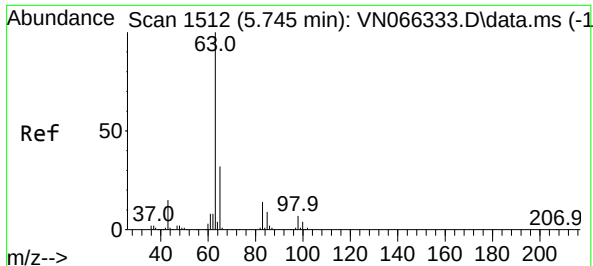


#23
Vinyl Acetate
Concen: 2.13 ug/l
RT: 5.793 min Scan# 1530
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10



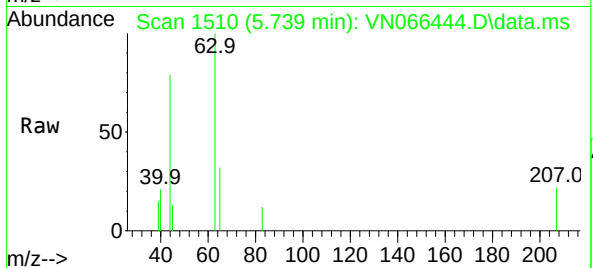
Tgt Ion:	43	Resp:	23275
Ion	Ratio	Lower	Upper
43	100		
86	8.2	7.7	11.5



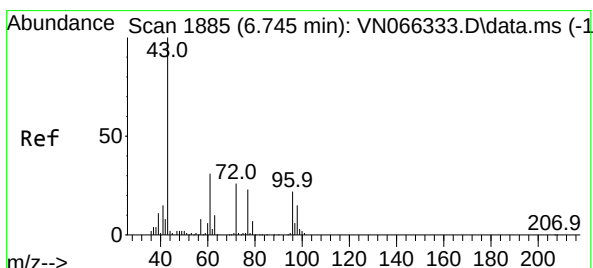
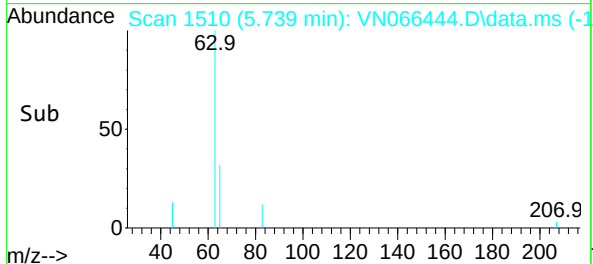
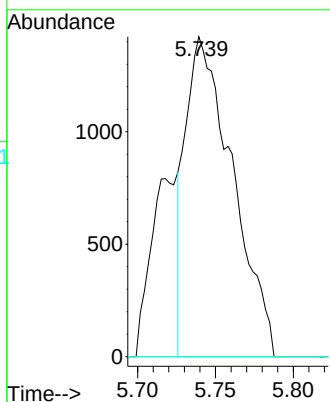


#24
1,1-Dichloroethane
Concen: 0.42 ug/l
RT: 5.739 min Scan# 1510
Delta R.T. -0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

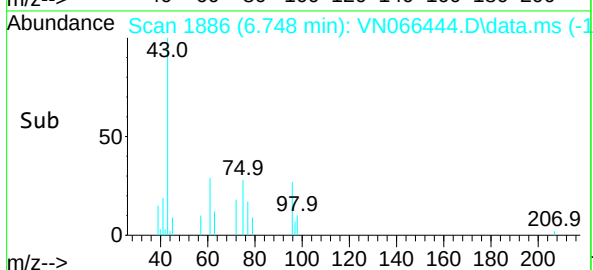
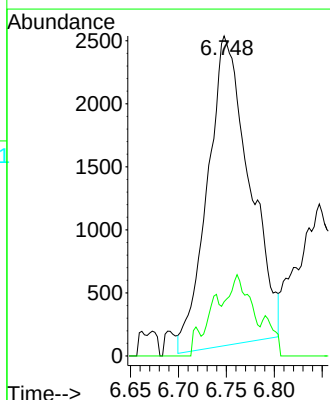
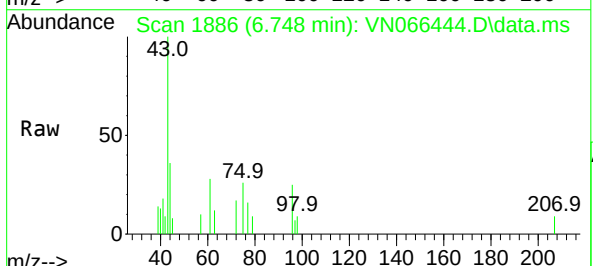


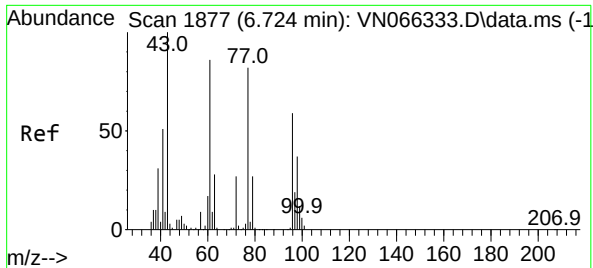
Tgt Ion: 63 Resp: 2965
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.1#
100 0.0 2.0 6.0#



#25
2-Butanone
Concen: 2.62 ug/l
RT: 6.748 min Scan# 1886
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 43 Resp: 7445
Ion Ratio Lower Upper
43 100
72 18.1 20.7 31.1#

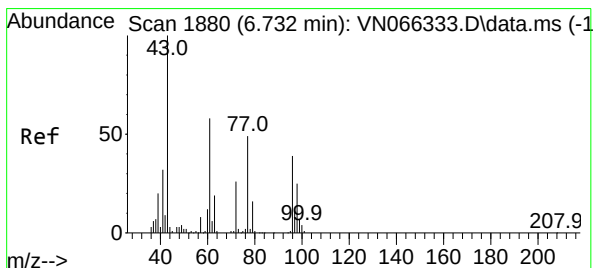
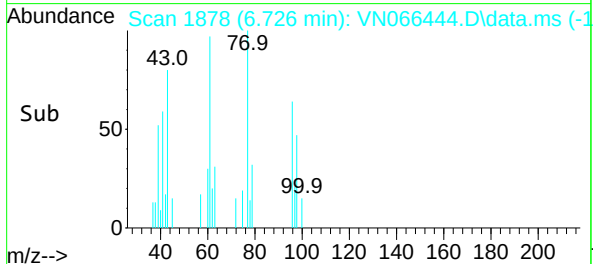
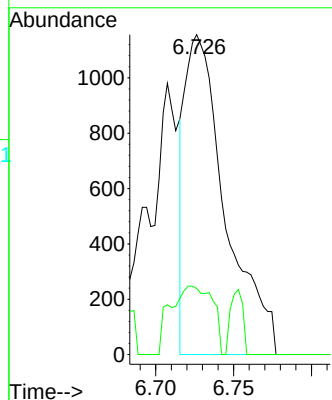
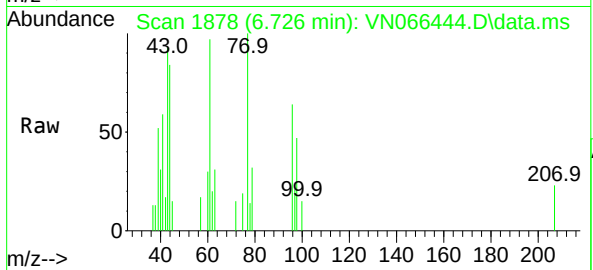




#26
2,2-Dichloropropane
Concen: 0.33 ug/l
RT: 6.726 min Scan# 1878
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

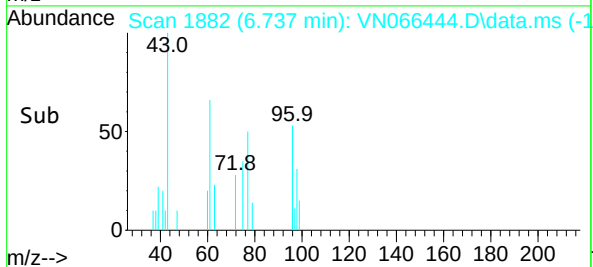
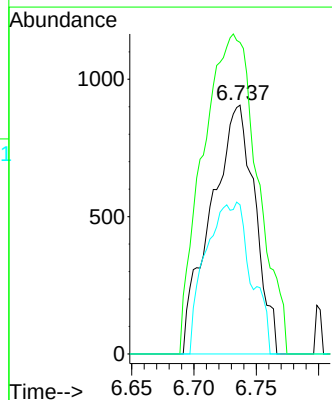
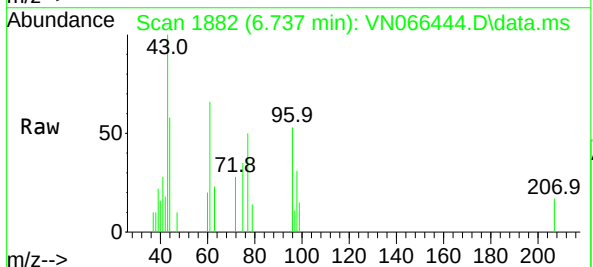
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

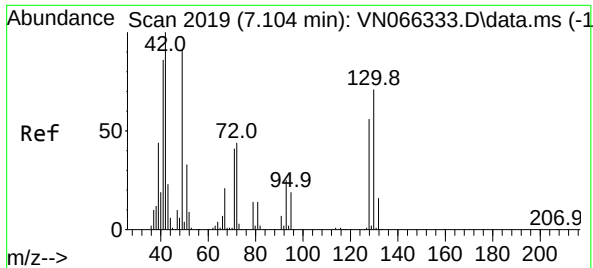
Tgt Ion: 77 Resp: 2089
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.7



#27
cis-1,2-Dichloroethene
Concen: 0.51 ug/l
RT: 6.737 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 96 Resp: 2228
Ion Ratio Lower Upper
96 100
61 160.0 0.0 296.2
98 35.4 0.0 129.2

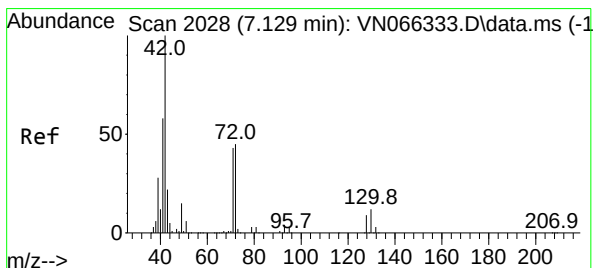
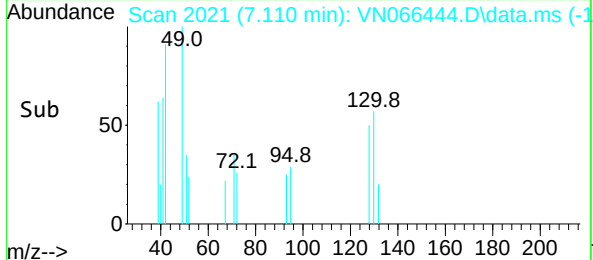
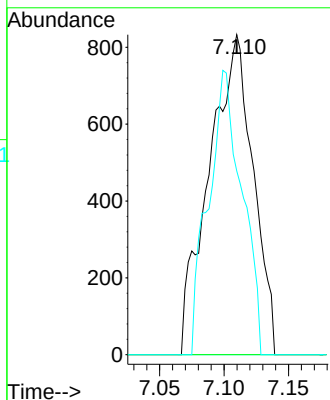
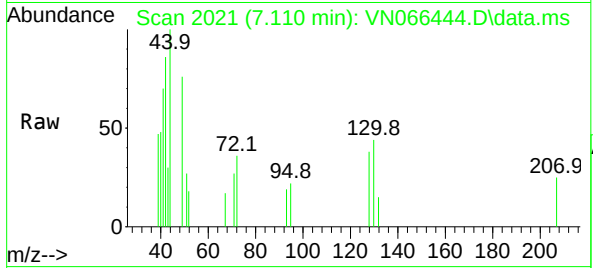




#28
Bromochloromethane
Concen: 0.55 ug/l
RT: 7.110 min Scan# 2021
Delta R.T. 0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

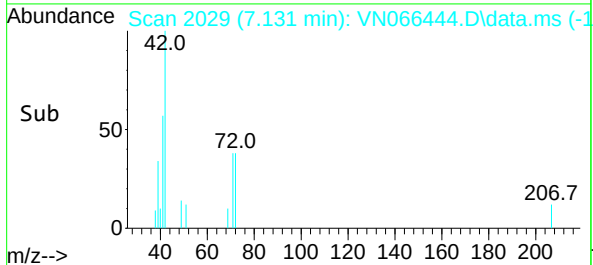
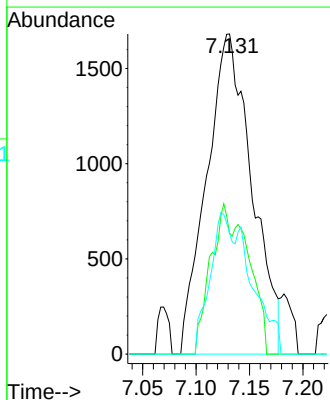
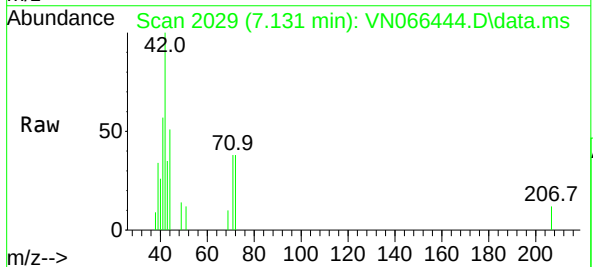
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

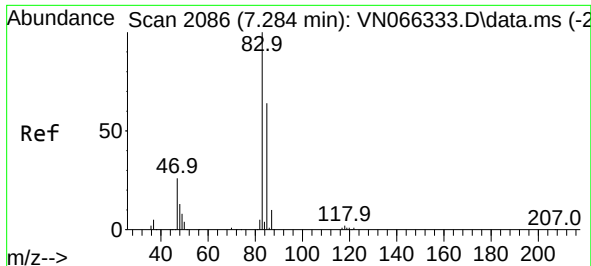
Tgt Ion:	49	Resp:	1975
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	67.7	61.6	92.4



#29
Tetrahydrofuran
Concen: 2.67 ug/l
RT: 7.131 min Scan# 2029
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:	42	Resp:	4947
Ion	Ratio	Lower	Upper
42	100		
72	21.5	35.2	52.8#
71	22.7	33.1	49.7#





#30

Chloroform

Concen: 0.54 ug/l

RT: 7.281 min Scan# 2085

Delta R.T. -0.003 min

Lab File: VN066444.D

Acq: 31 Mar 2021 16:10

Tgt Ion: 83 Resp: 3791

Ion Ratio Lower Upper

83 100

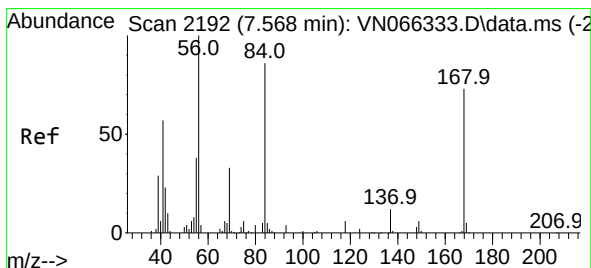
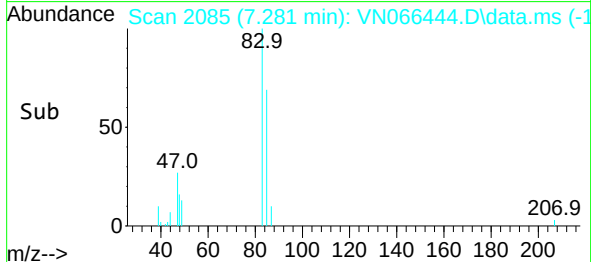
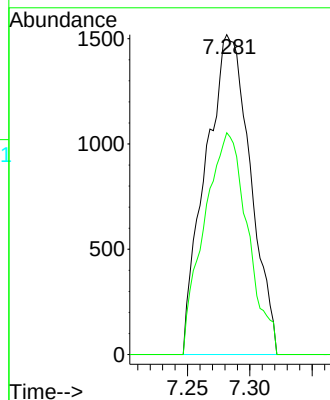
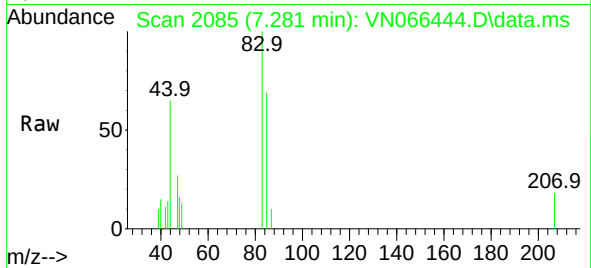
85 69.3 51.3 76.9

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2021



#31

Cyclohexane

Concen: 1.57 ug/l

RT: 7.576 min Scan# 2195

Delta R.T. 0.008 min

Lab File: VN066444.D

Acq: 31 Mar 2021 16:10

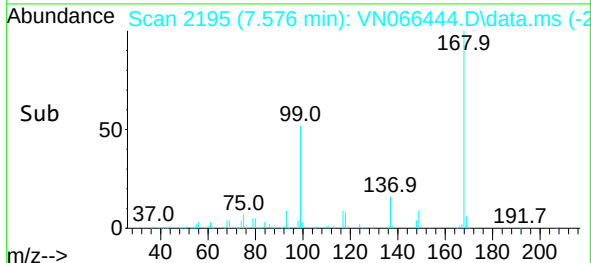
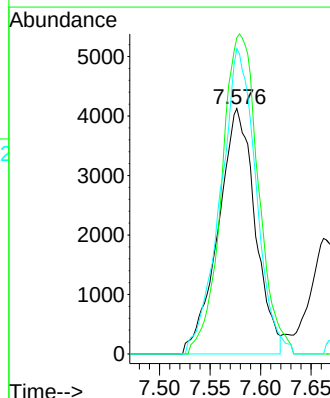
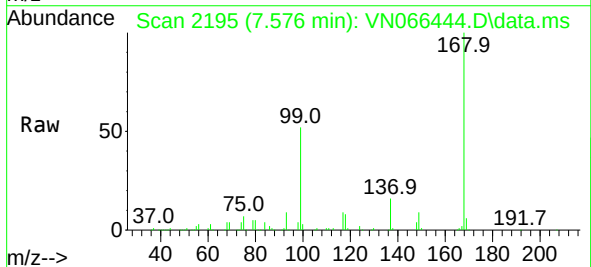
Tgt Ion: 56 Resp: 10457

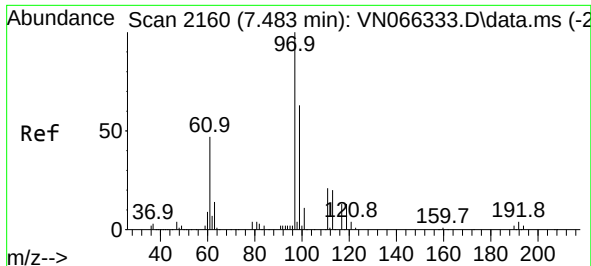
Ion Ratio Lower Upper

56 100

69 128.9 26.6 40.0#

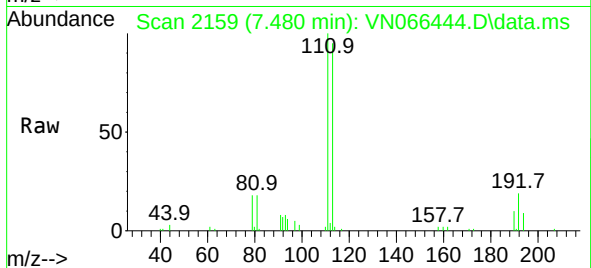
84 124.4 68.7 103.1#



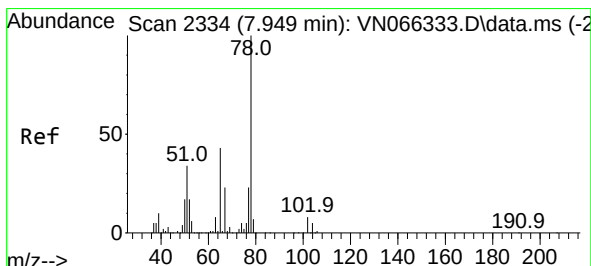
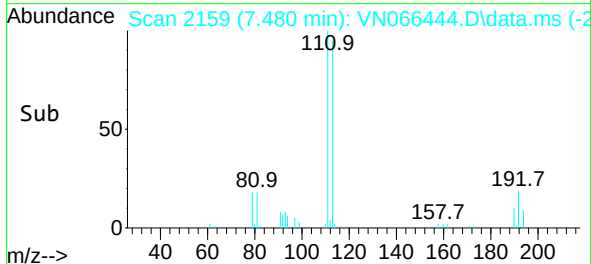
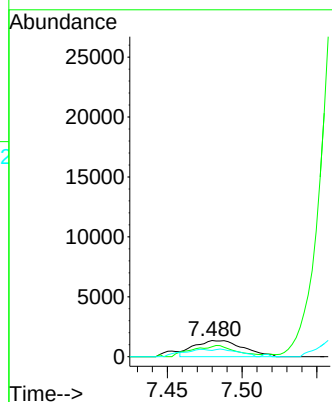


#32
 1,1,1-Trichloroethane
 Concen: 0.49 ug/l
 RT: 7.480 min Scan# 2159
 Delta R.T. -0.003 min
 Lab File: VN066444.D
 Acq: 31 Mar 2021 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2021

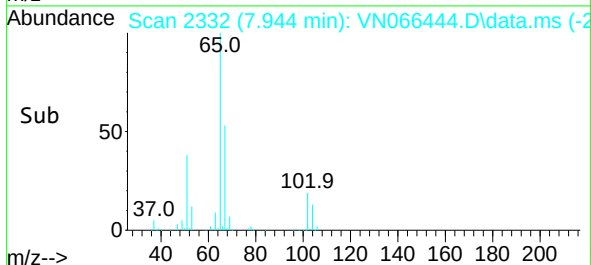
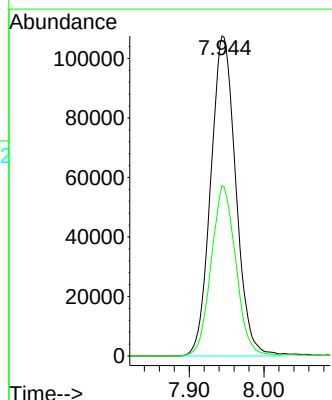
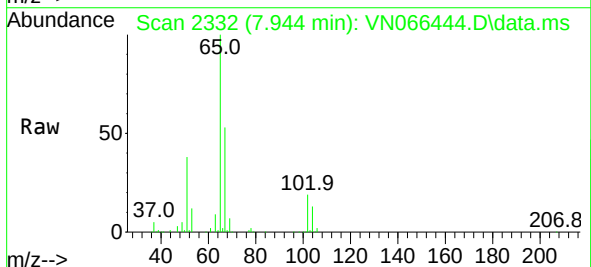


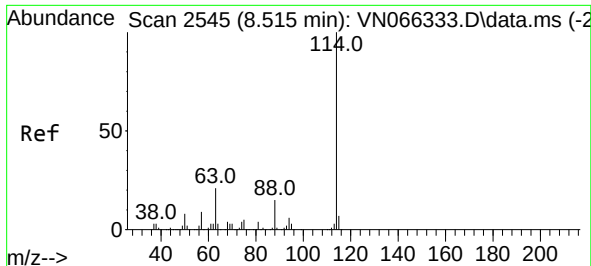
Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	27.1	36.9	55.3#



#33
 1,2-Dichloroethane-d4
 Concen: 51.97 ug/l
 RT: 7.944 min Scan# 2332
 Delta R.T. -0.005 min
 Lab File: VN066444.D
 Acq: 31 Mar 2021 16:10

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.2

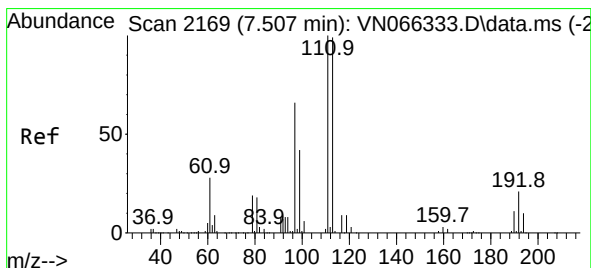
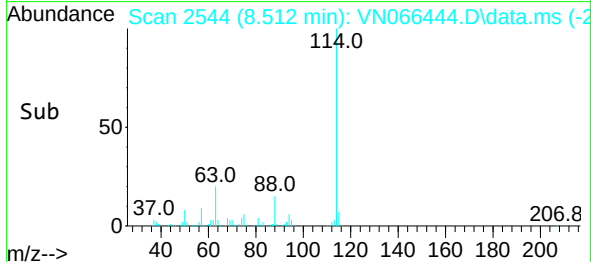
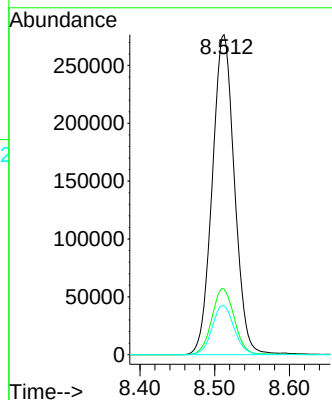
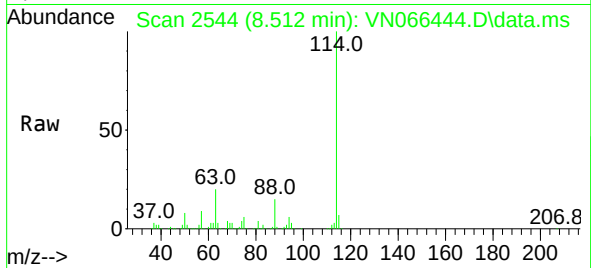




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

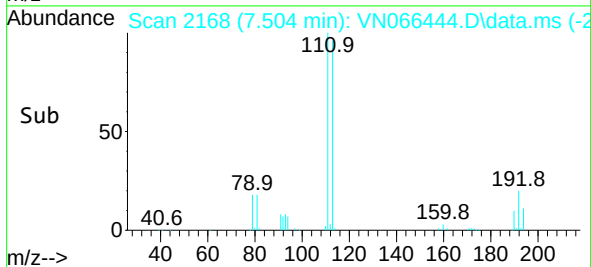
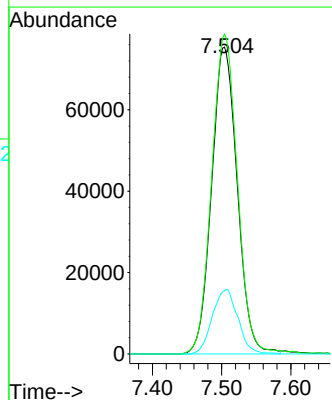
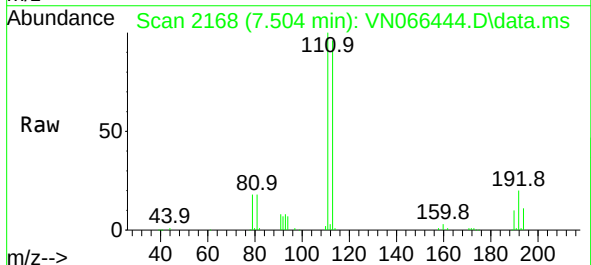
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

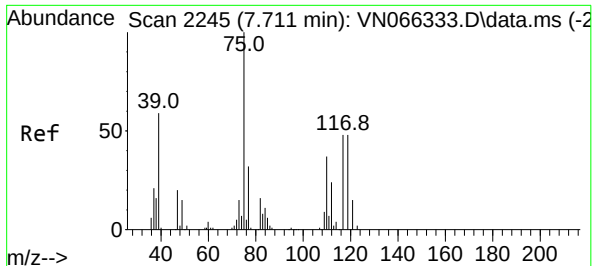
Tgt Ion:	114	Resp:	570159
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.0
88	15.2	0.0	31.0



#35
Dibromofluoromethane
Concen: 51.32 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:	113	Resp:	193965
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.8	122.8
192	21.0	17.1	25.7



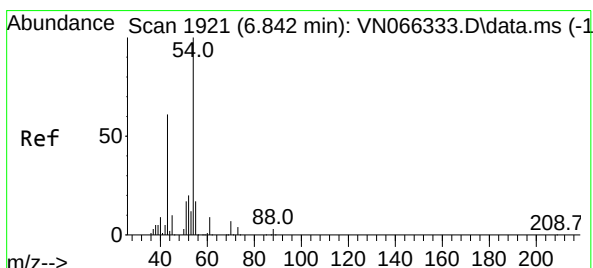
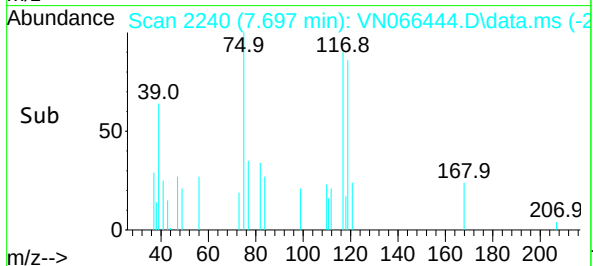
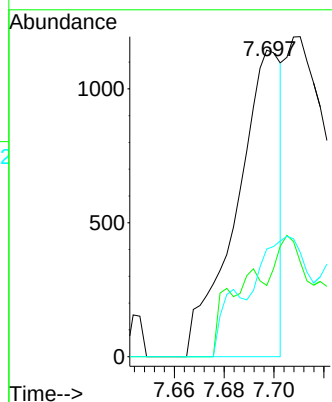
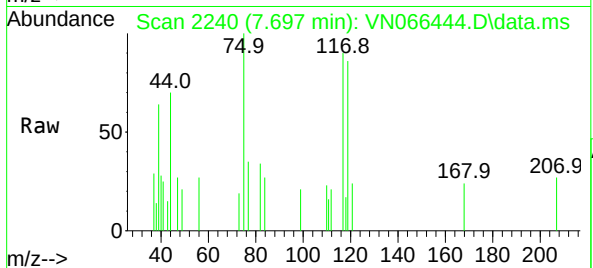


#36

1,1-Dichloropropene
Concen: 0.27 ug/l
RT: 7.697 min Scan# 2240
Delta R.T. -0.013 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

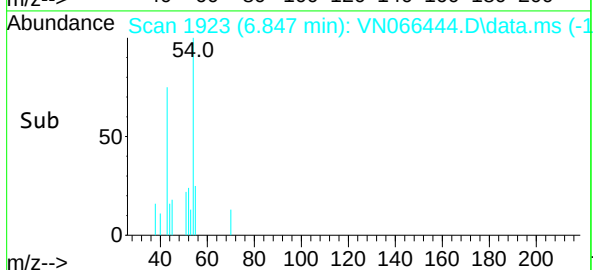
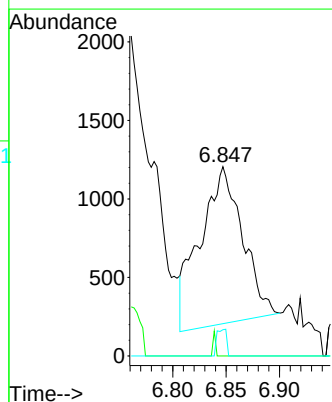
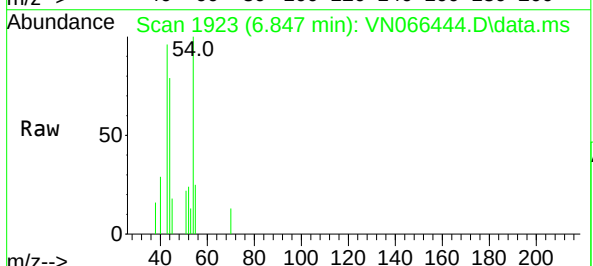
Tgt Ion: 75 Resp: 1421
Ion Ratio Lower Upper
75 100
110 37.1 18.1 54.3
77 24.1 25.0 37.4#

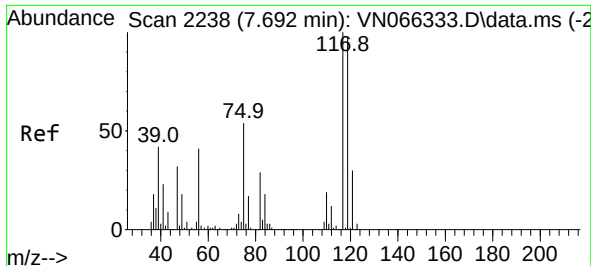


#37

Ethyl Acetate
Concen: 0.47 ug/l
RT: 6.847 min Scan# 1923
Delta R.T. 0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 43 Resp: 2777
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 3.8 8.0 12.0#

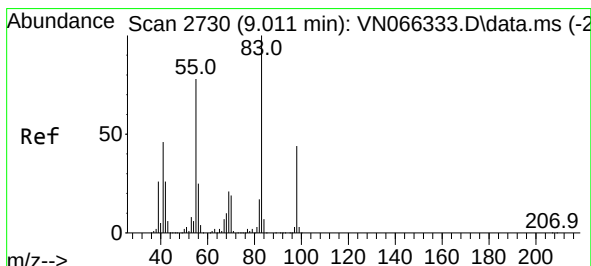
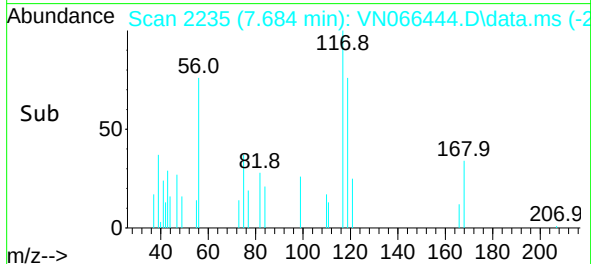
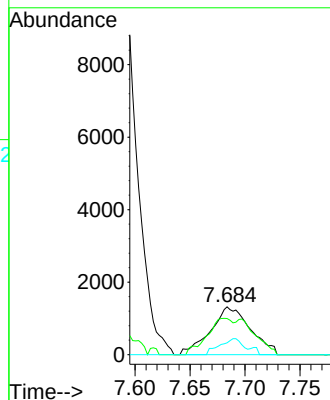
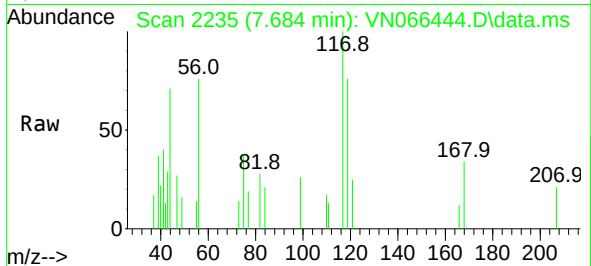




#38
Carbon Tetrachloride
Concen: 0.62 ug/l
RT: 7.684 min Scan# 2235
Delta R.T. -0.008 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

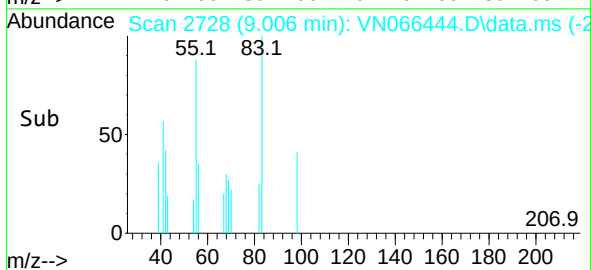
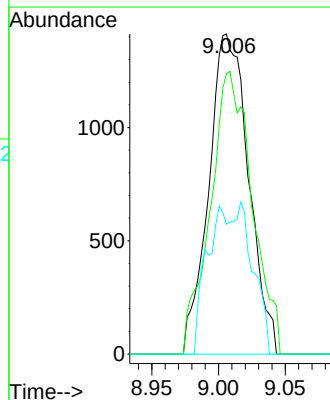
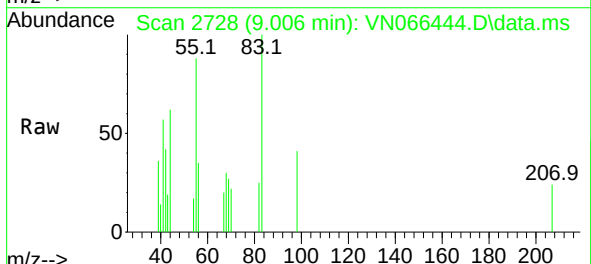
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

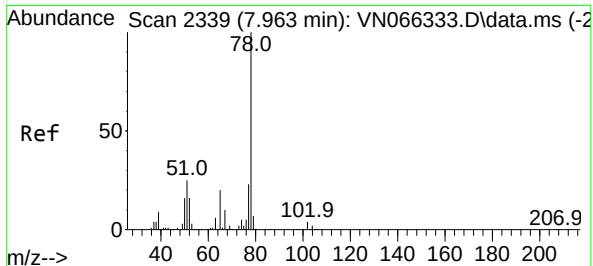
Tgt Ion: 117 Resp: 3327
Ion Ratio Lower Upper
117 100
119 75.6 77.2 115.8#
121 24.8 24.2 36.4



#39
Methylcyclohexane
Concen: 0.45 ug/l
RT: 9.006 min Scan# 2728
Delta R.T. -0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 83 Resp: 2931
Ion Ratio Lower Upper
83 100
55 87.6 62.3 93.5
98 40.6 35.6 53.4

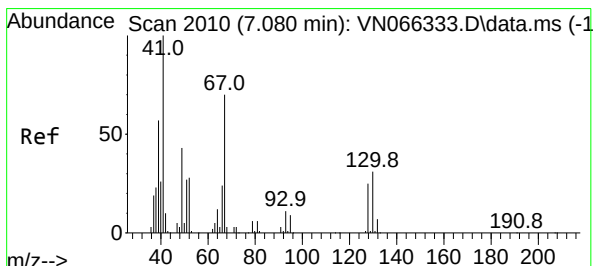
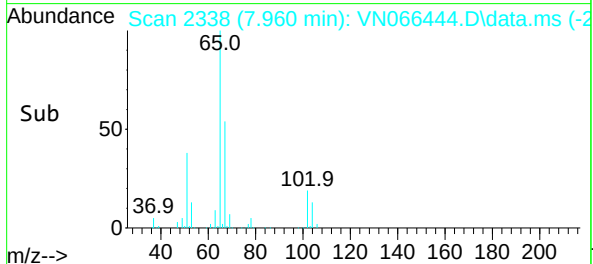
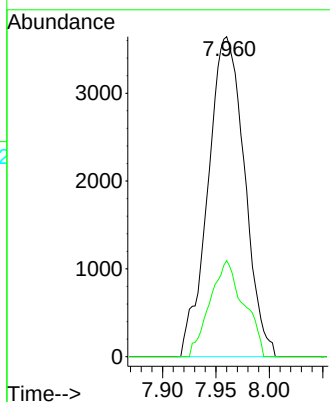
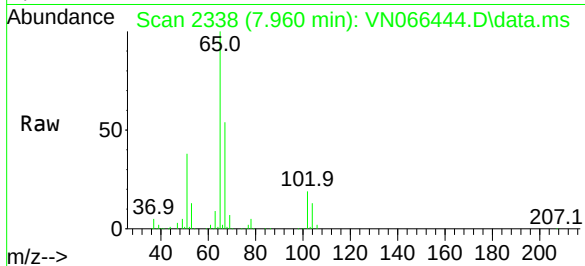




#40
Benzene
Concen: 0.54 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

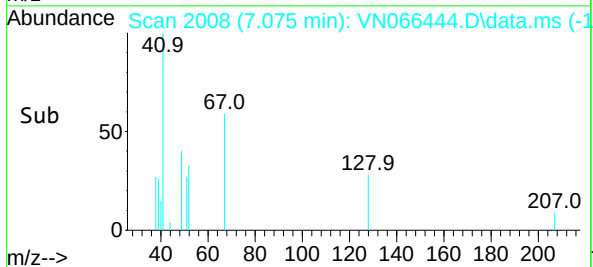
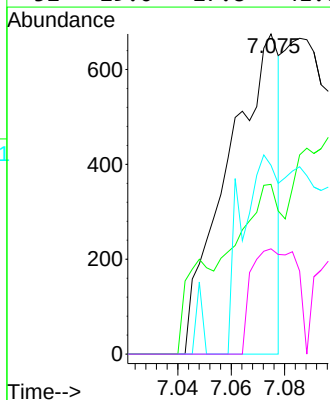
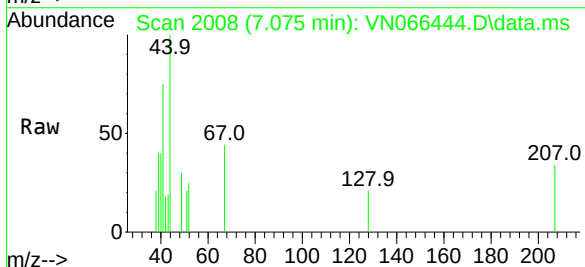
Instrument :
MSVOA_N
ClientSampleId :
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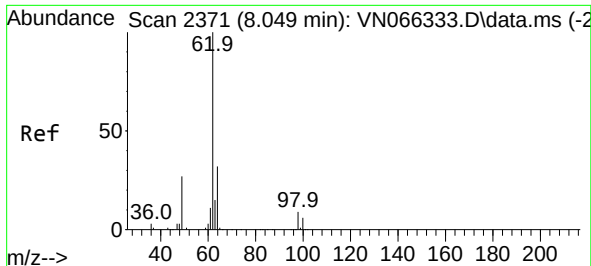
Tgt Ion: 78 Resp: 8655
Ion Ratio Lower Upper
78 100
77 30.0 18.7 28.1#



#41
Methacrylonitrile
Concen: 0.31 ug/l
RT: 7.075 min Scan# 2008
Delta R.T. -0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 41 Resp: 901
Ion Ratio Lower Upper
41 100
39 24.5 51.7 77.5#
67 44.0 68.5 102.7#
52 29.0 27.8 41.6

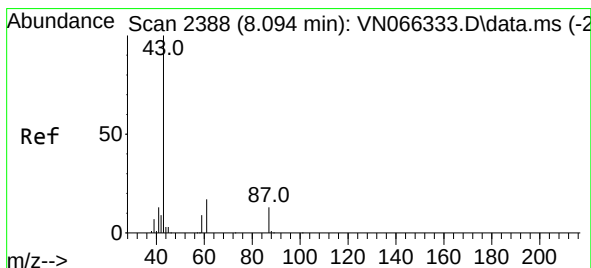
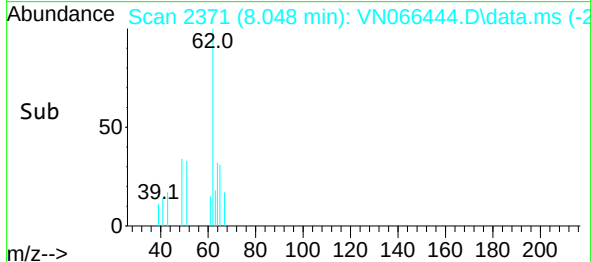
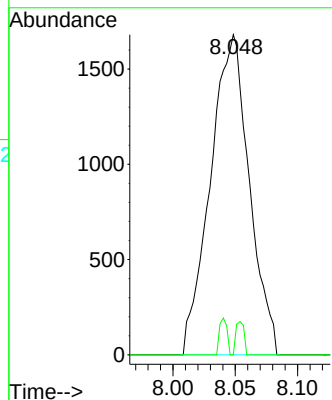
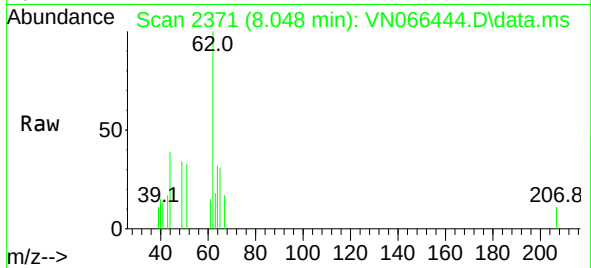




#42
1,2-Dichloroethane
Concen: 0.63 ug/l
RT: 8.048 min Scan# 2371
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

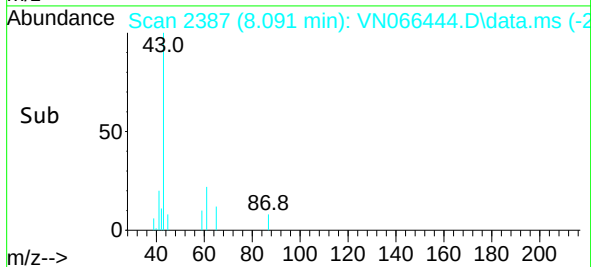
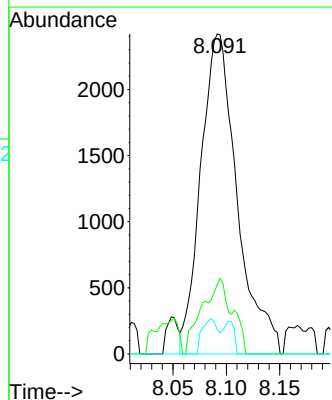
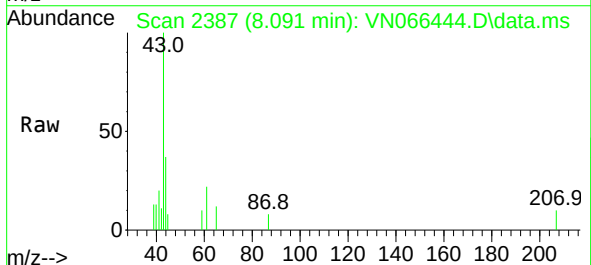
Instrument :
MSVOA_N
ClientSampleId :
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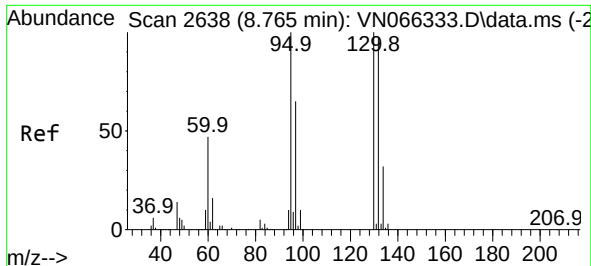
Tgt Ion: 62 Resp: 3650
Ion Ratio Lower Upper
62 100
98 2.2 0.0 17.6



#43
Isopropyl Acetate
Concen: 0.57 ug/l
RT: 8.091 min Scan# 2387
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 43 Resp: 5734
Ion Ratio Lower Upper
43 100
61 19.5 15.5 23.3
87 4.8 10.5 15.7#

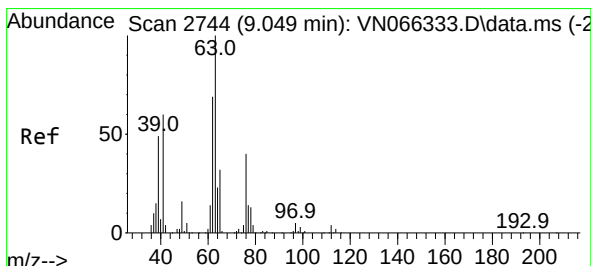
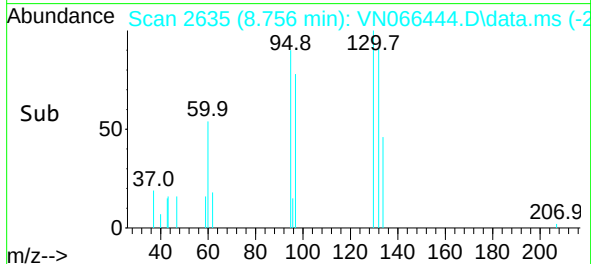
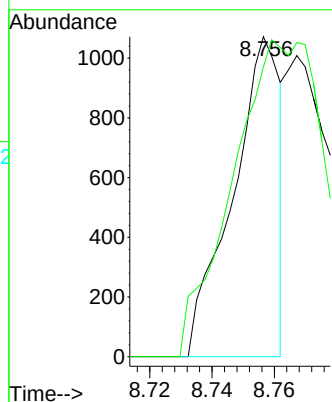
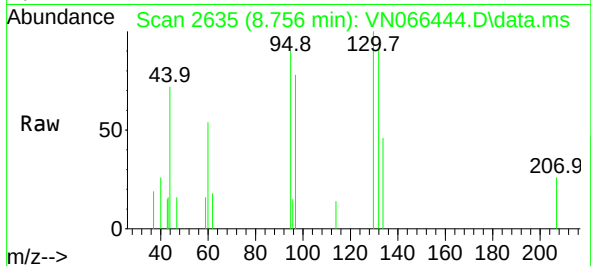




#44
Trichloroethene
Concen: 0.27 ug/l
RT: 8.756 min Scan# 2635
Delta R.T. -0.008 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

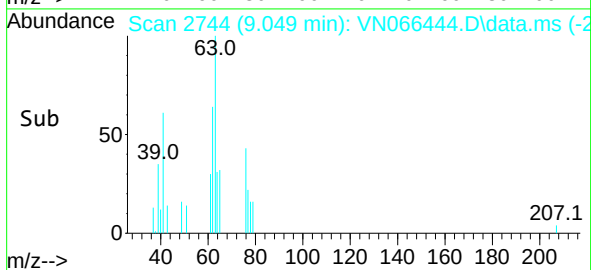
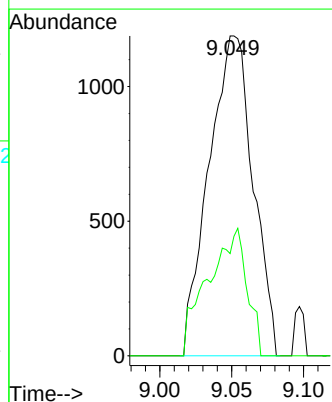
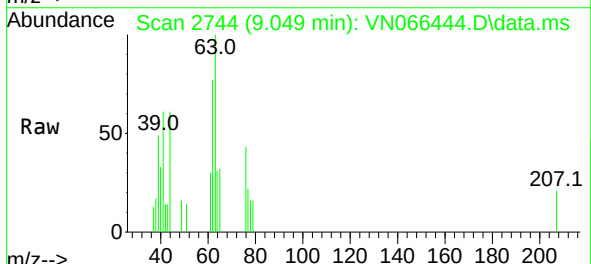
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

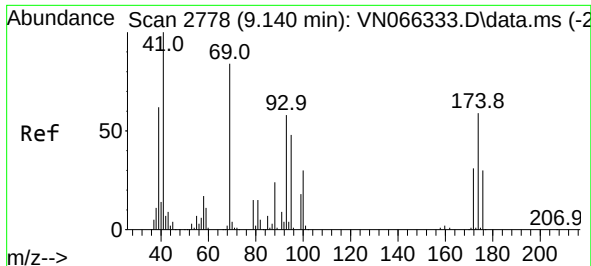
Tgt Ion:130 Resp: 1130
Ion Ratio Lower Upper
130 100
95 90.5 0.0 200.6



#45
1,2-Dichloropropane
Concen: 0.59 ug/l
RT: 9.049 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 63 Resp: 2542
Ion Ratio Lower Upper
63 100
65 32.0 25.5 38.3

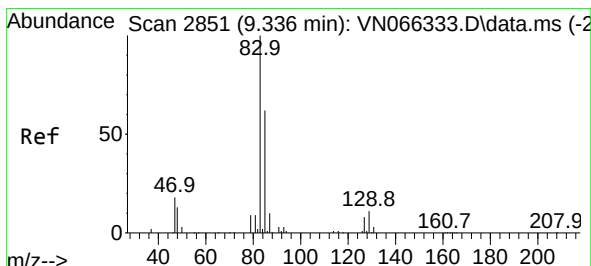
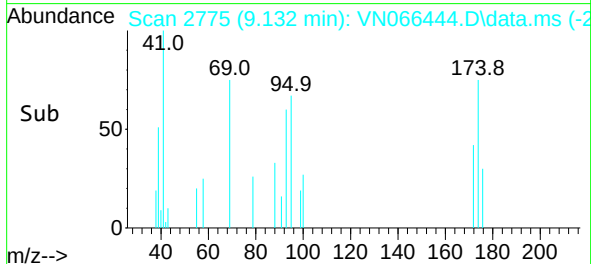
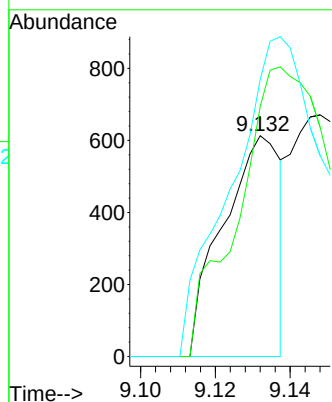
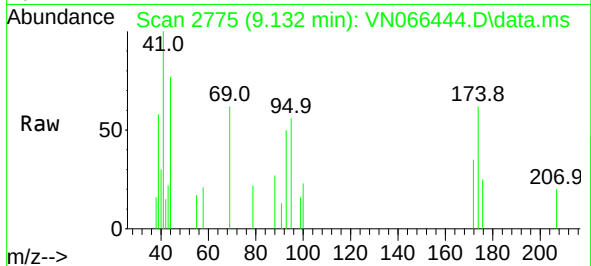




#46
Dibromomethane
Concen: 0.23 ug/l
RT: 9.132 min Scan# 2775
Delta R.T. -0.008 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

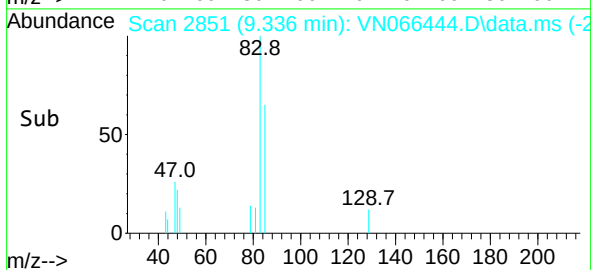
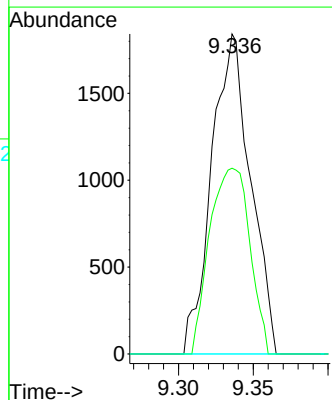
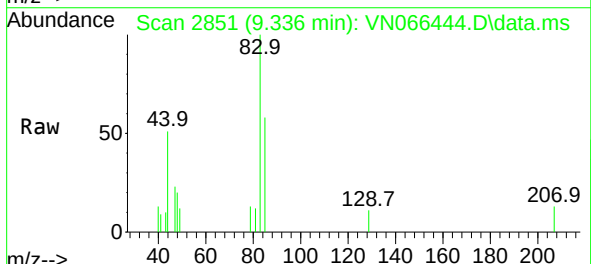
Instrument :
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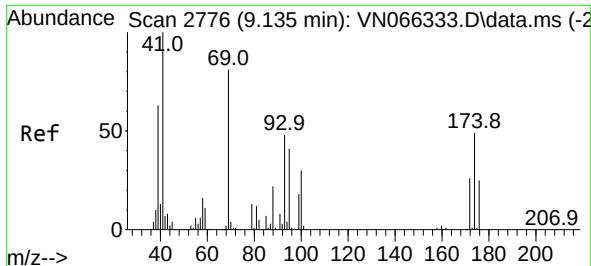
Tgt Ion: 93 Resp: 653
Ion Ratio Lower Upper
93 100
95 213.2 66.8 100.2#
174 272.7 83.2 124.8#



#47
Bromodichloromethane
Concen: 0.57 ug/l
RT: 9.336 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 83 Resp: 3335
Ion Ratio Lower Upper
83 100
85 58.0 49.4 74.2
127 0.0 6.7 10.1#

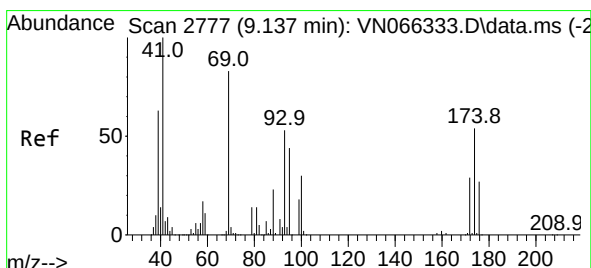
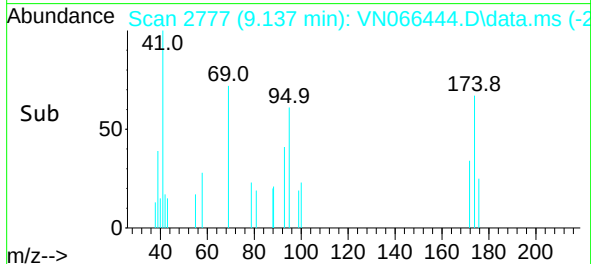
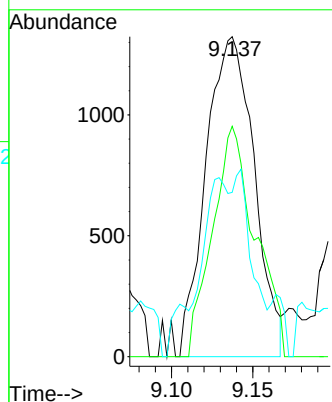
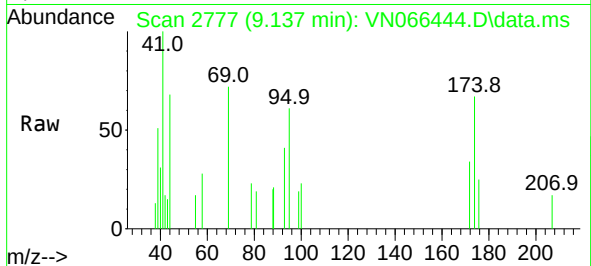




#48
Methyl methacrylate
Concen: 0.57 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

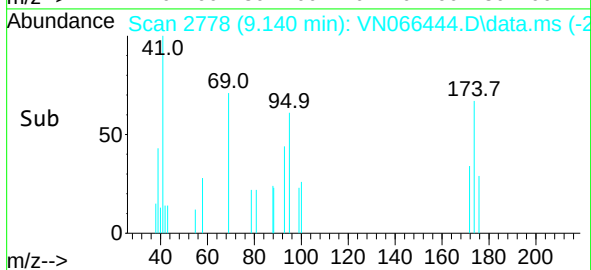
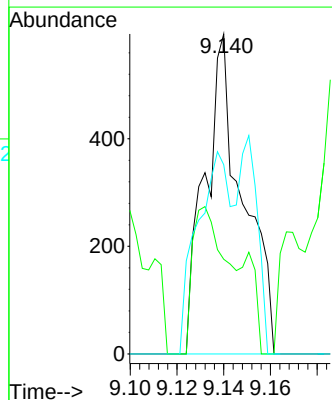
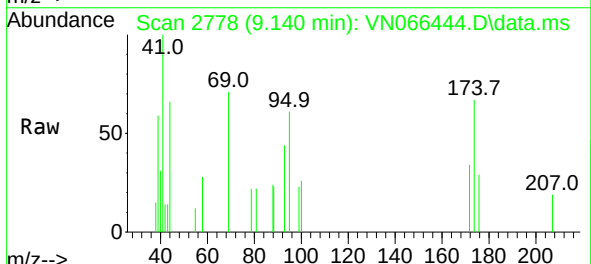
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

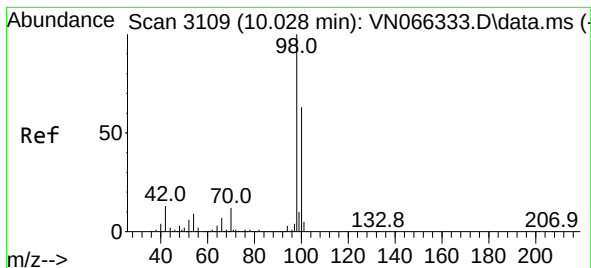
Tgt Ion: 41 Resp: 2733
Ion Ratio Lower Upper
41 100
69 64.1 66.2 99.4#
39 18.9 51.5 77.3#



#49
1,4-Dioxane
Concen: 11.05 ug/l
RT: 9.140 min Scan# 2778
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 88 Resp: 666
Ion Ratio Lower Upper
88 100
43 40.8 28.2 42.4
58 53.9 56.6 84.8#

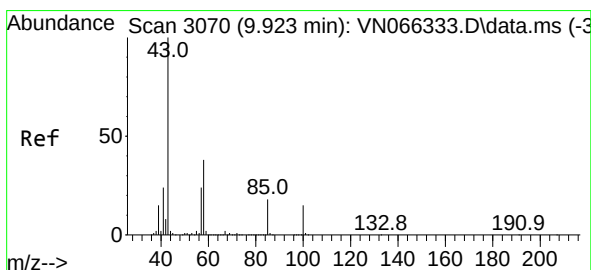
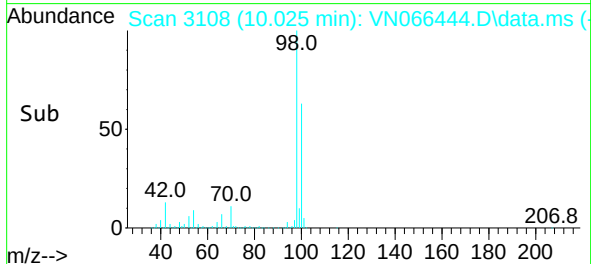
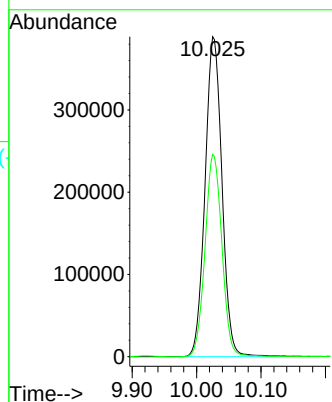
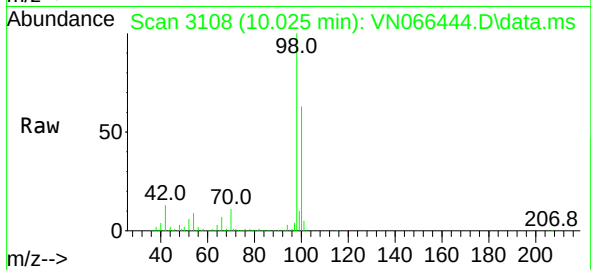




#50
Toluene-d8
Concen: 49.47 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

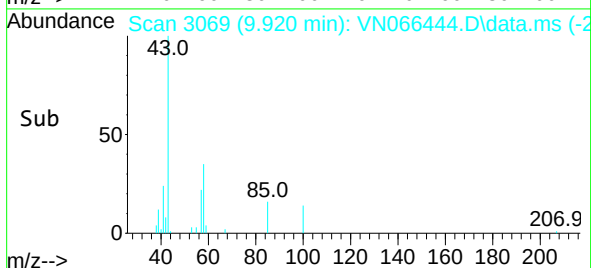
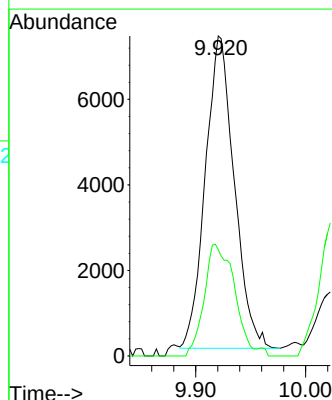
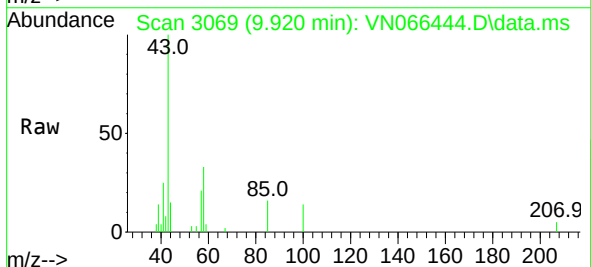
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

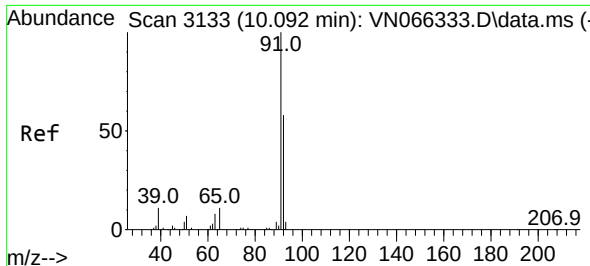
Tgt Ion: 98 Resp: 709277
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 2.26 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 43 Resp: 13326
Ion Ratio Lower Upper
43 100
58 37.1 30.8 46.2

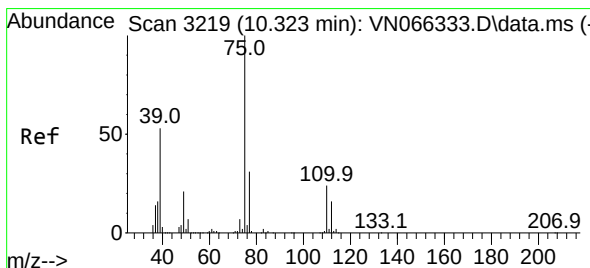
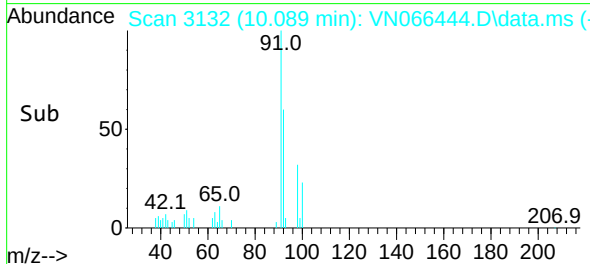
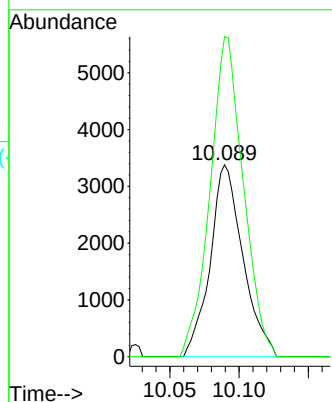
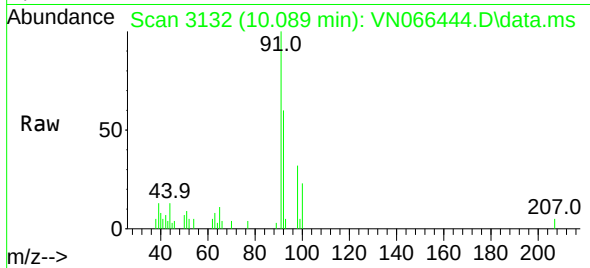




#52
Toluene
Concen: 0.56 ug/l
RT: 10.089 min Scan# 3132
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

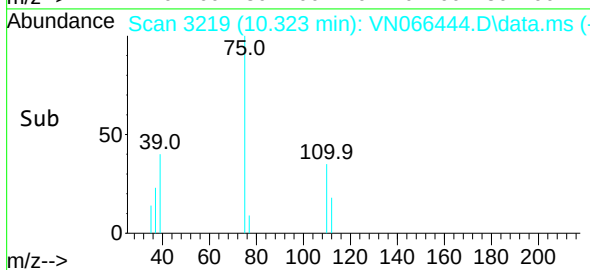
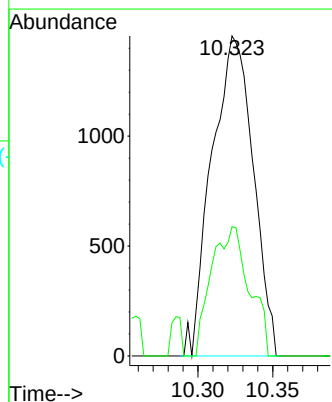
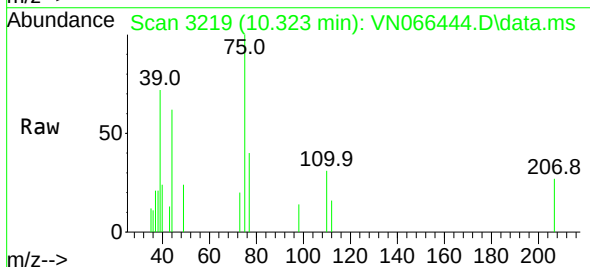
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

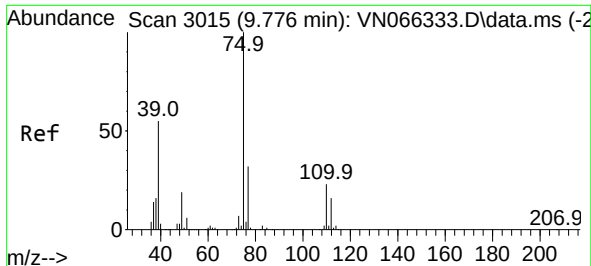
Tgt Ion: 92 Resp: 5554
Ion Ratio Lower Upper
92 100
91 169.7 138.8 208.2



#53
t-1,3-Dichloropropene
Concen: 0.44 ug/l
RT: 10.323 min Scan# 3219
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

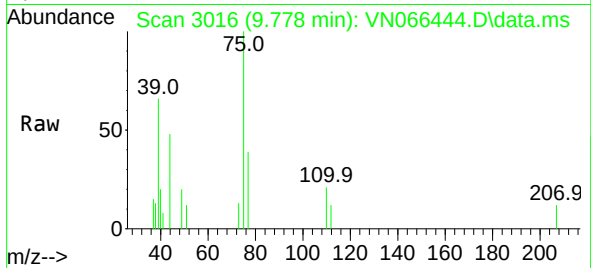
Tgt Ion: 75 Resp: 2803
Ion Ratio Lower Upper
75 100
77 40.4 25.0 37.6#



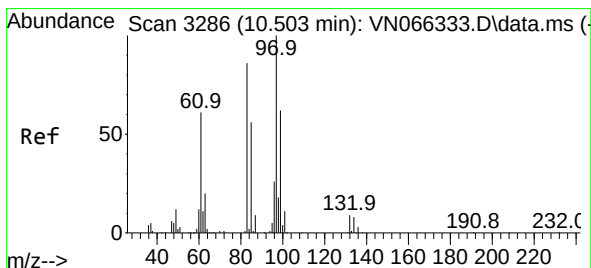
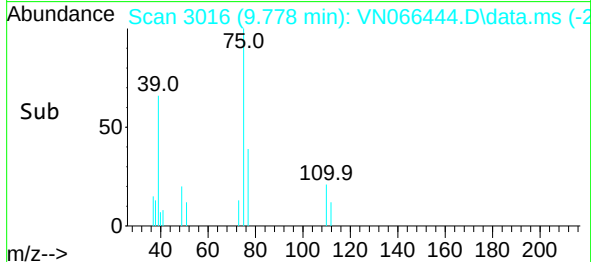
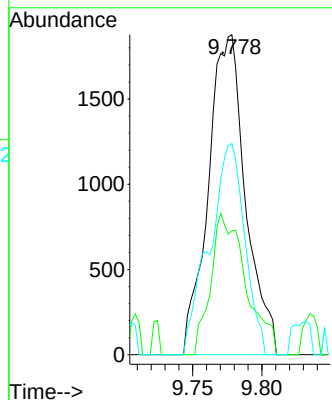


#54
cis-1,3-Dichloropropene
Concen: 0.52 ug/l
RT: 9.778 min Scan# 3016
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

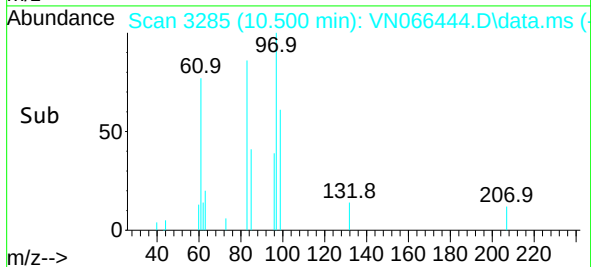
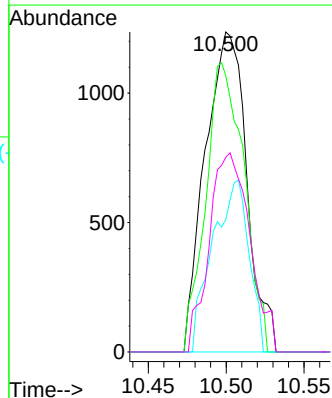
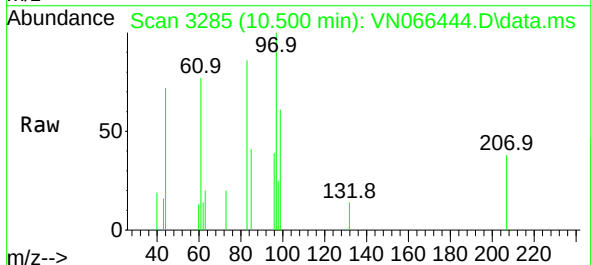


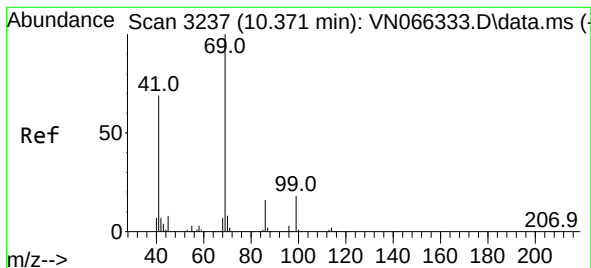
Tgt Ion: 75 Resp: 3519
Ion Ratio Lower Upper
75 100
77 38.7 25.4 38.2#
39 66.0 44.2 66.4



#55
1,1,2-Trichloroethane
Concen: 0.57 ug/l
RT: 10.500 min Scan# 3285
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 97 Resp: 2291
Ion Ratio Lower Upper
97 100
83 86.3 68.9 103.3
85 41.4 45.1 67.7#
99 60.8 49.9 74.9

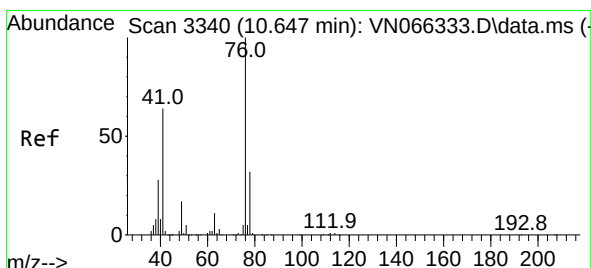
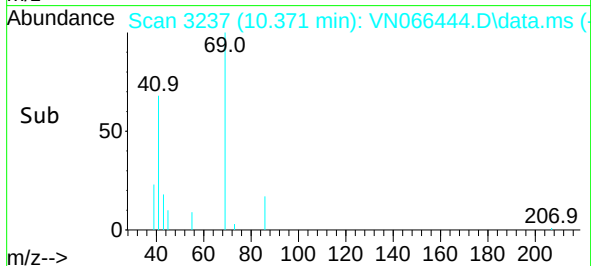
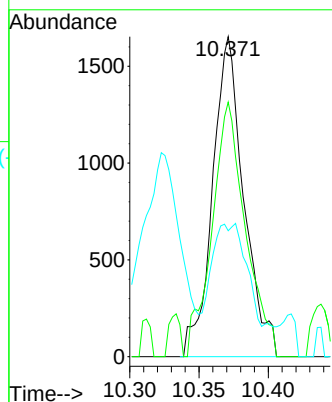
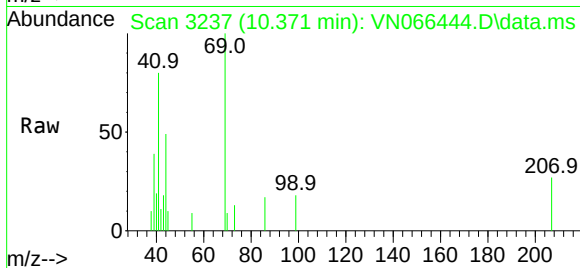




#56
Ethyl methacrylate
Concen: 0.42 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

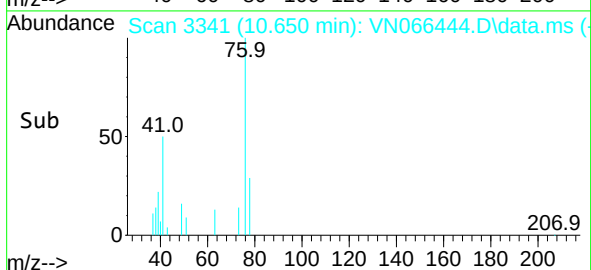
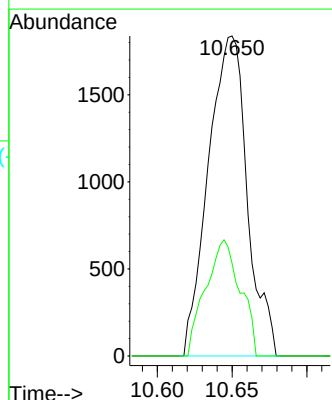
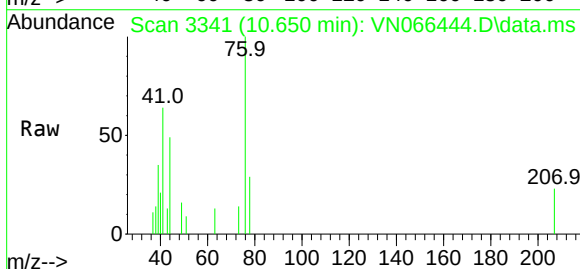
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

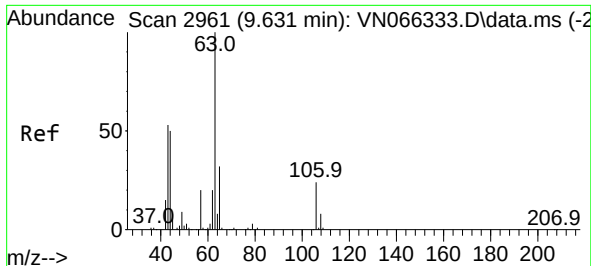
Tgt Ion:	69	Resp:	2591
Ion	Ratio	Lower	Upper
69	100		
41	85.2	55.3	82.9#
39	53.8	33.8	50.6#



#57
1,3-Dichloropropane
Concen: 0.50 ug/l
RT: 10.650 min Scan# 3341
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:	76	Resp:	3332
Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

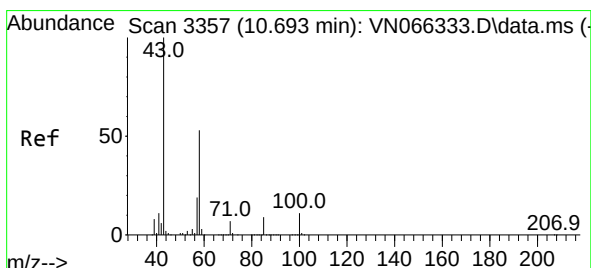
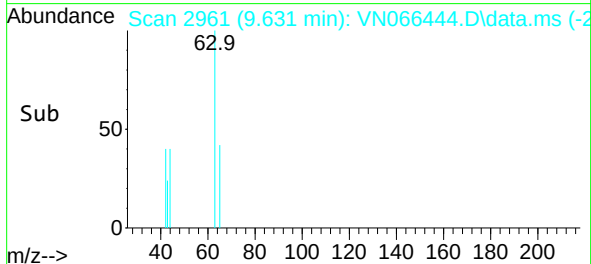
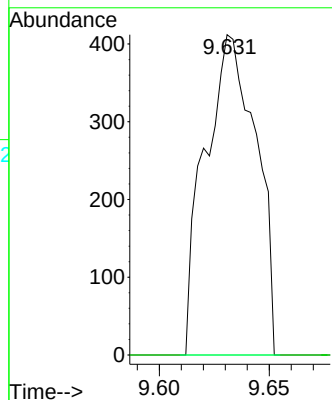
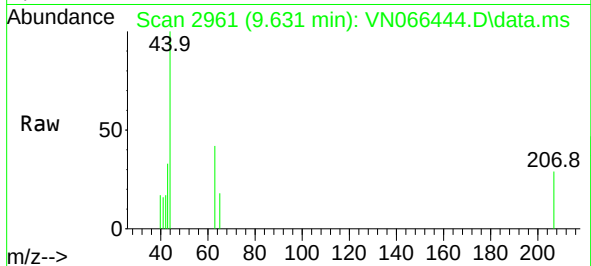




#58
2-Chloroethyl Vinyl ether
Concen: 1.21 ug/l
RT: 9.631 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

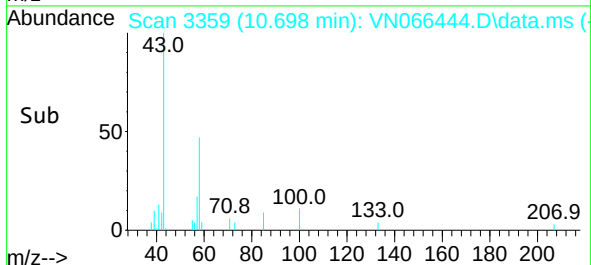
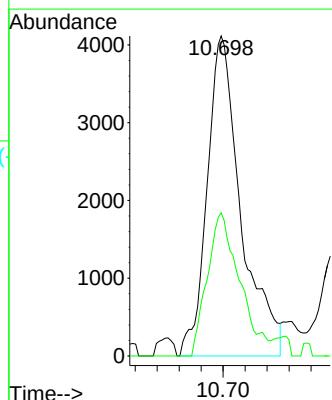
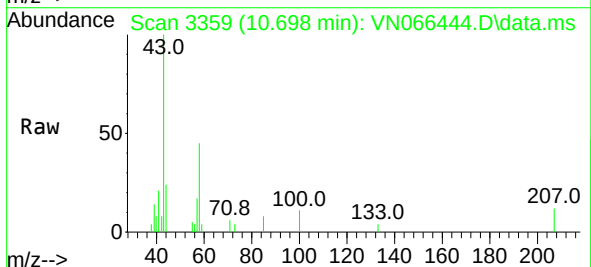
Instrument :
MSVOA_N
ClientSampleId :
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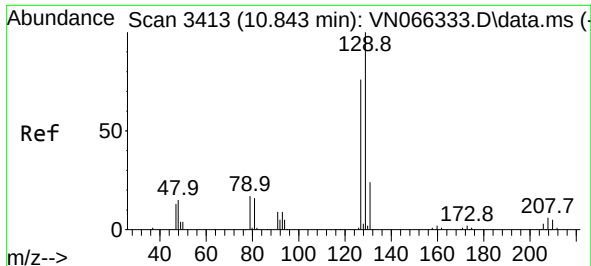
Tgt Ion: 63 Resp: 665
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.4#



#59
2-Hexanone
Concen: 2.13 ug/l
RT: 10.698 min Scan# 3359
Delta R.T. 0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 43 Resp: 8785
Ion Ratio Lower Upper
43 100
58 43.0 26.6 79.8

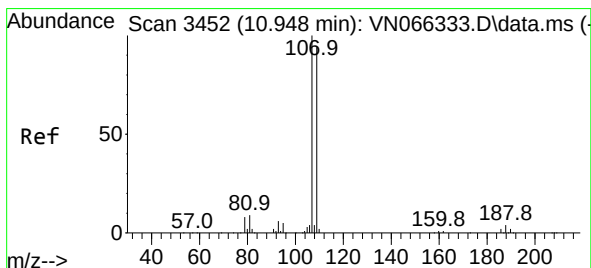
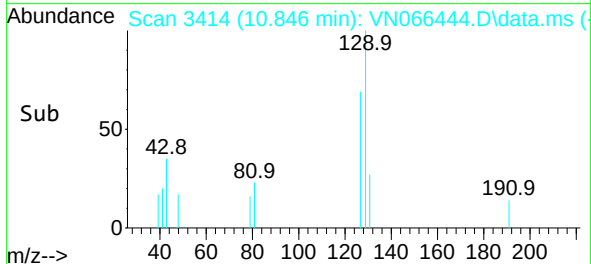
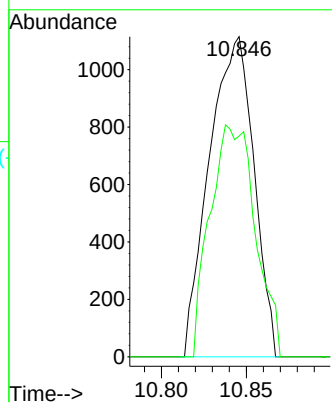
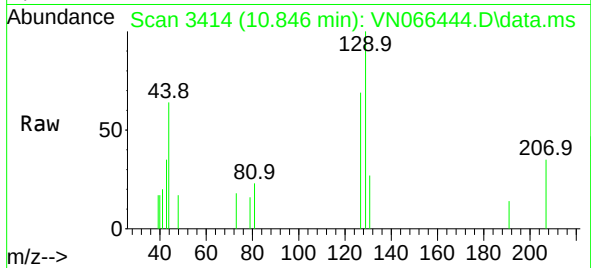




#60
Dibromochloromethane
Concen: 0.46 ug/l
RT: 10.846 min Scan# 3414
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

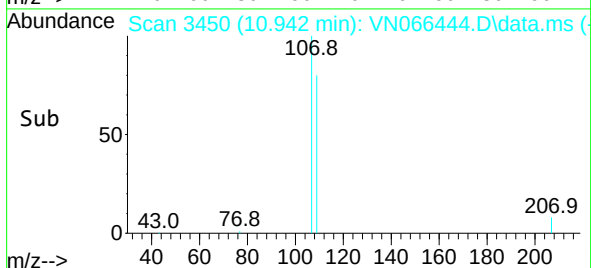
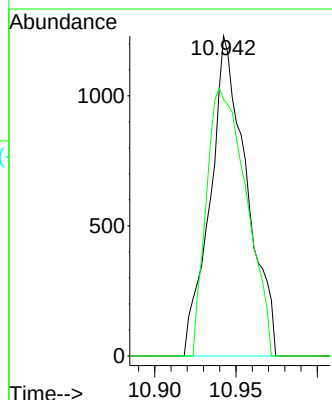
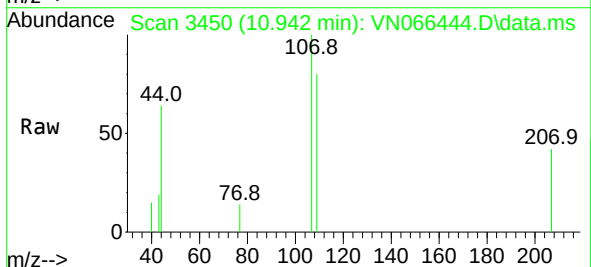
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

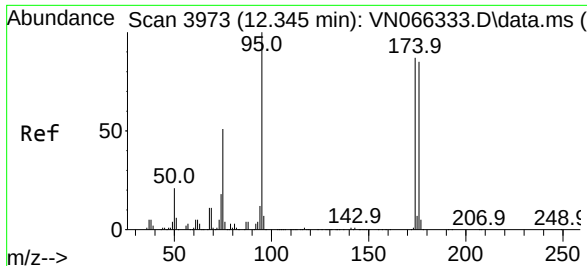
Tgt Ion:129 Resp: 2034
Ion Ratio Lower Upper
129 100
127 73.7 38.5 115.5



#61
1,2-Dibromoethane
Concen: 0.46 ug/l
RT: 10.942 min Scan# 3450
Delta R.T. -0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:107 Resp: 1916
Ion Ratio Lower Upper
107 100
109 91.7 75.4 113.2

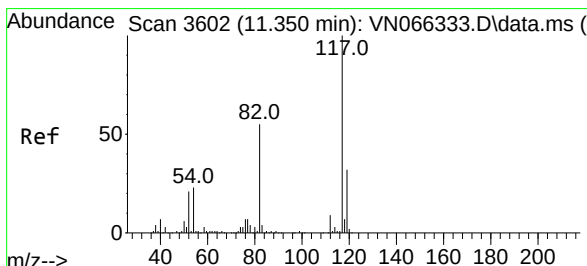
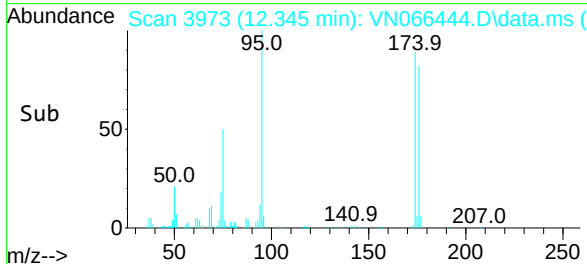
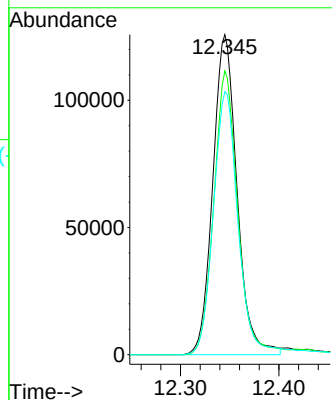
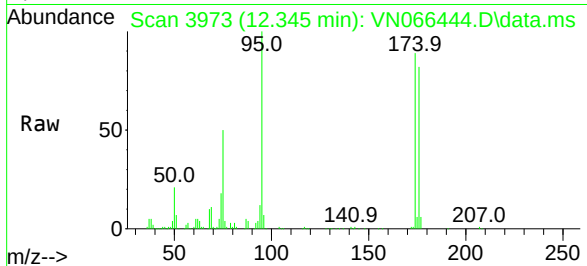




#62
4-Bromofluorobenzene
Concen: 43.28 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

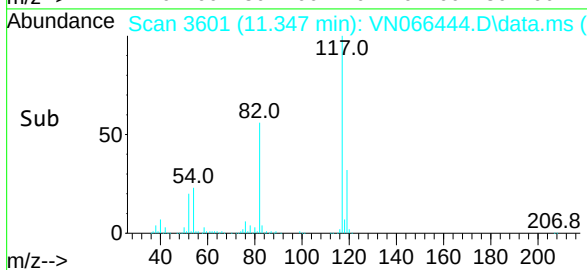
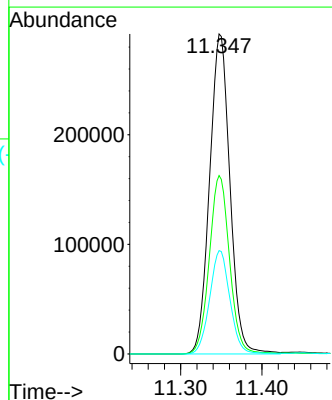
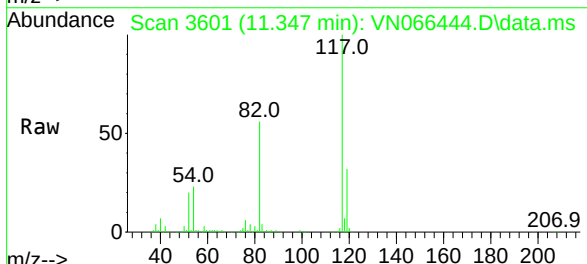
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

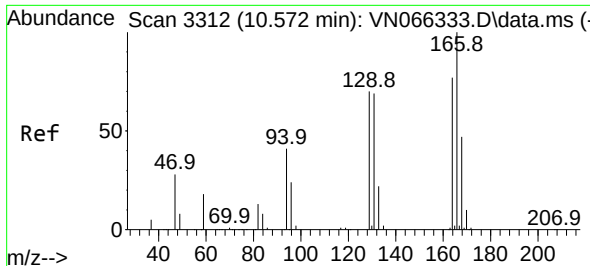
Tgt Ion: 95 Resp: 215509
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.2
176 84.7 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 117 Resp: 507484
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 32.3 25.8 38.6

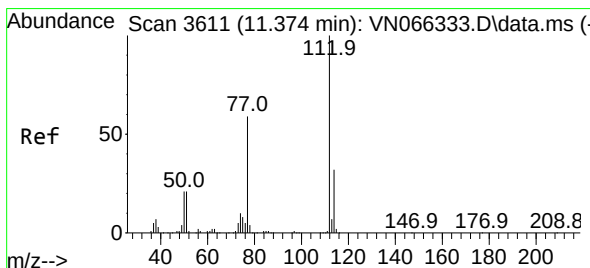
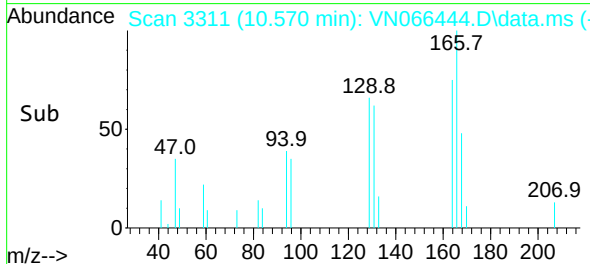
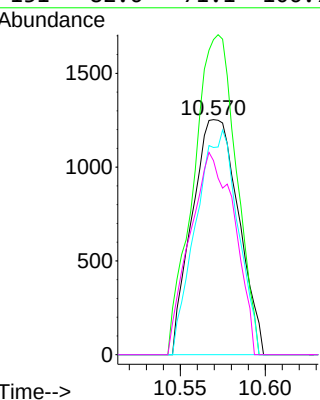
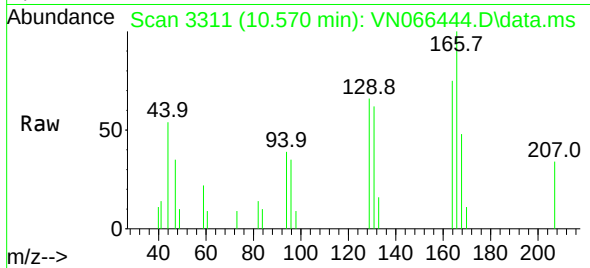




#64
Tetrachloroethene
Concen: 0.55 ug/l
RT: 10.570 min Scan# 3311
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

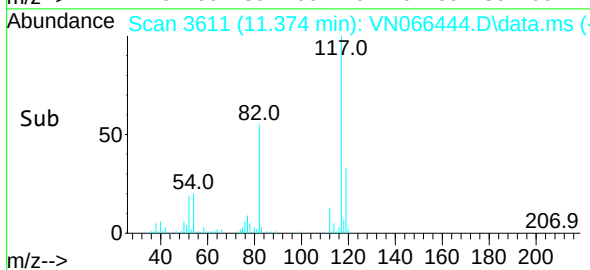
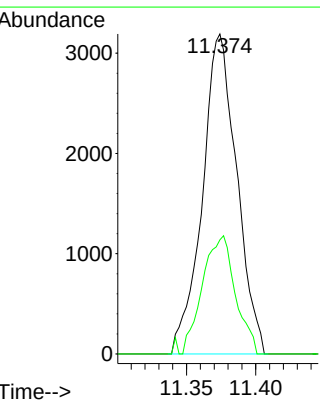
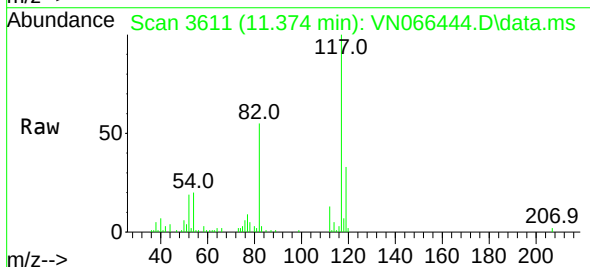
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

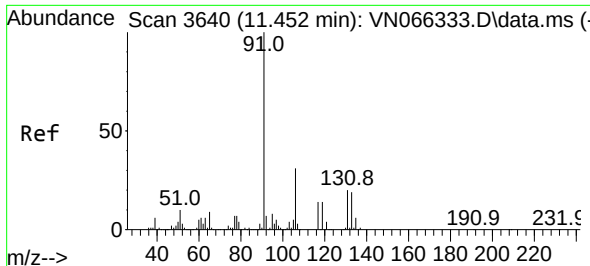
Tgt Ion:164	Resp:	2378	
Ion	Ratio	Lower	Upper
164	100		
166	134.1	103.3	154.9
129	88.2	72.5	108.7
131	82.6	71.1	106.7



#65
Chlorobenzene
Concen: 0.54 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:112	Resp:	5508	
Ion	Ratio	Lower	Upper
112	100		
114	35.7	25.7	38.5

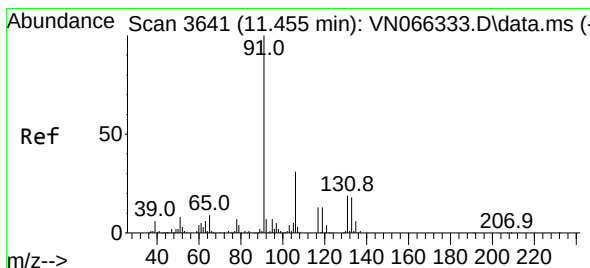
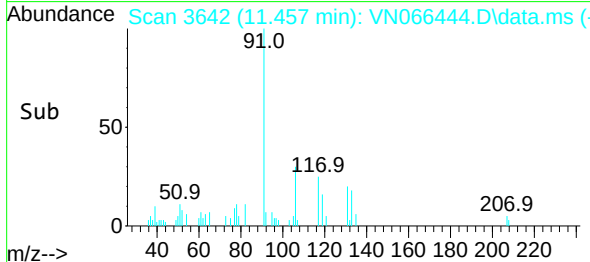
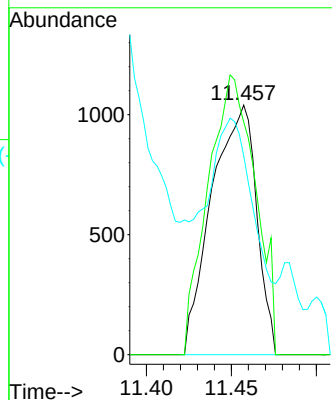
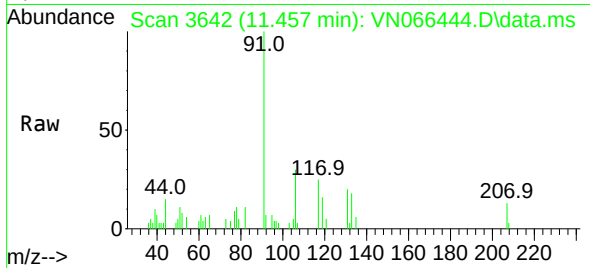




#66
1,1,1,2-Tetrachloroethane
Concen: 0.49 ug/l
RT: 11.457 min Scan# 3642
Delta R.T. 0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

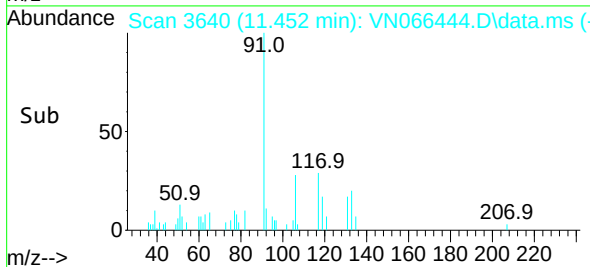
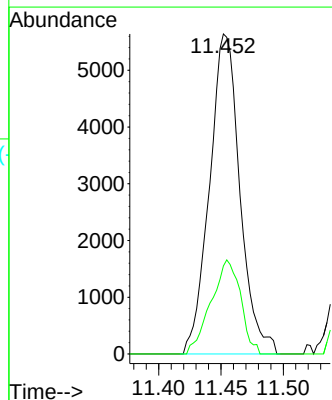
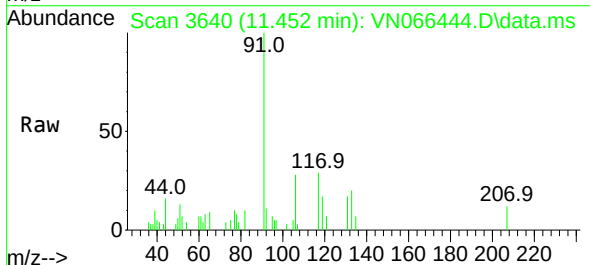
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

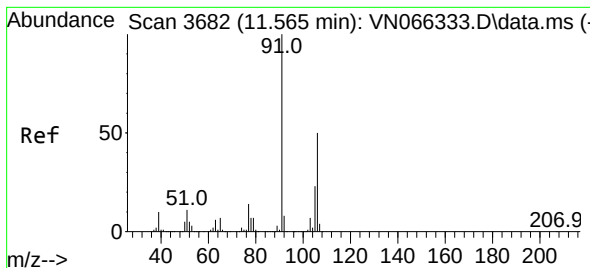
Tgt Ion:131 Resp: 1905
Ion Ratio Lower Upper
131 100
133 118.4 47.6 142.8
119 0.0 33.6 100.6#



#67
Ethyl Benzene
Concen: 0.52 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 91 Resp: 9574
Ion Ratio Lower Upper
91 100
106 27.5 24.7 37.1

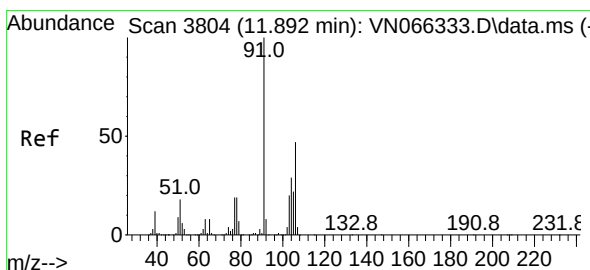
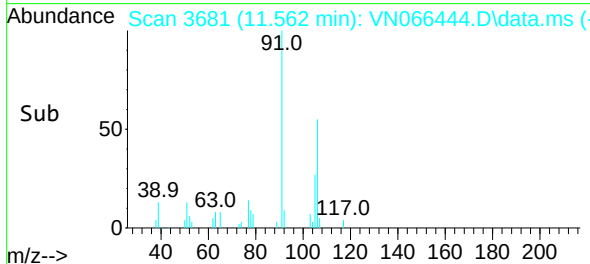
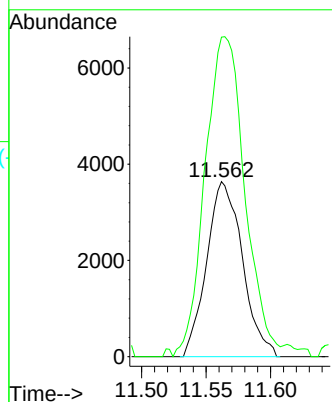
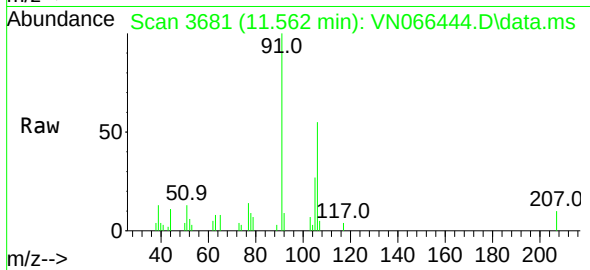




#68
m/p-Xylenes
Concen: 1.00 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

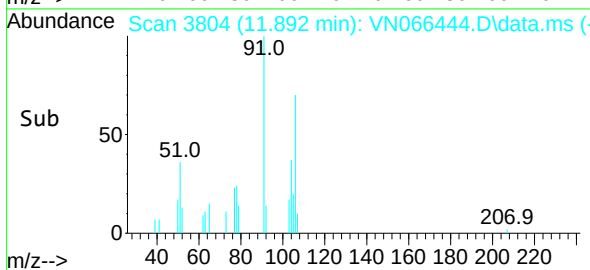
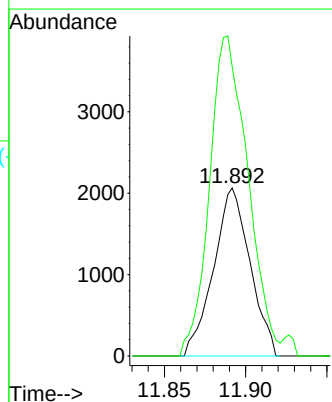
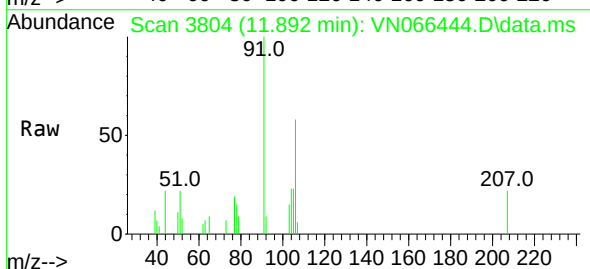
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

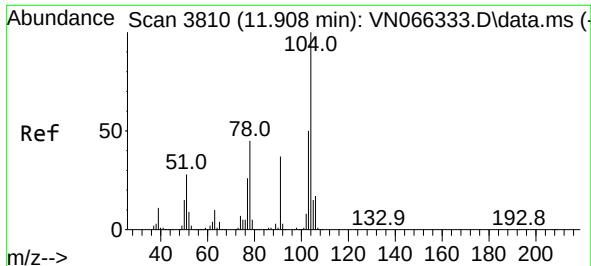
Tgt Ion:106 Resp: 7002
Ion Ratio Lower Upper
106 100
91 203.3 162.7 244.1



#69
o-Xylene
Concen: 0.48 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:106 Resp: 3221
Ion Ratio Lower Upper
106 100
91 200.2 107.1 321.4

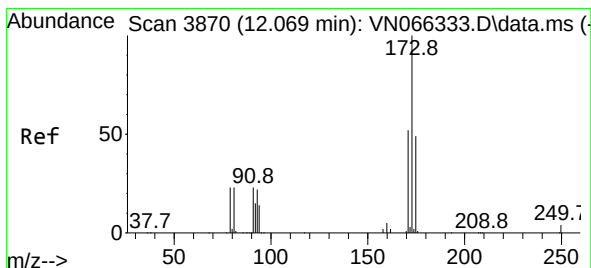
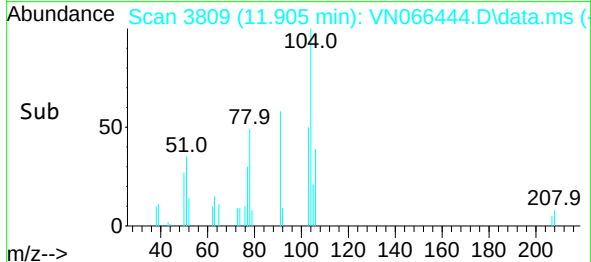
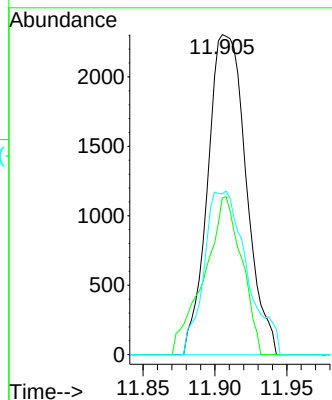
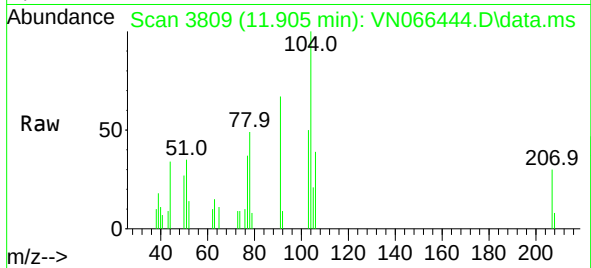




#70
Styrene
Concen: 0.39 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

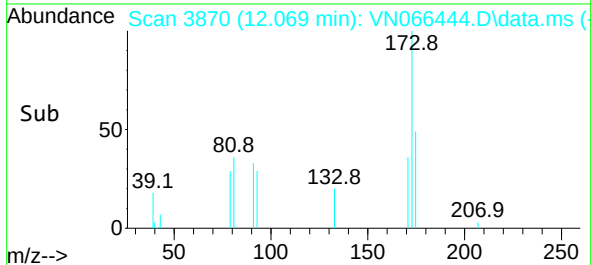
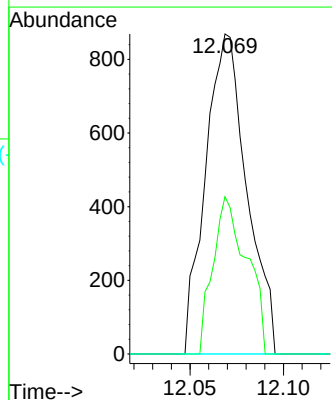
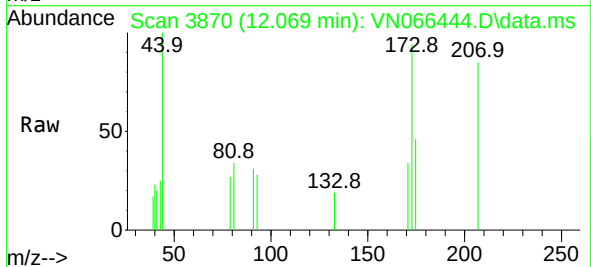
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

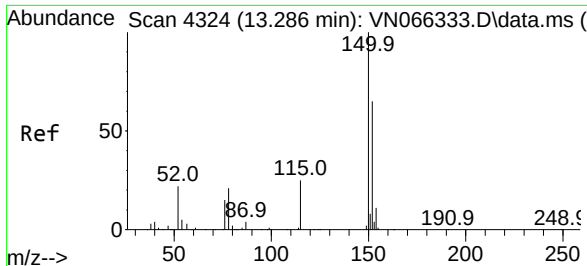
Tgt Ion:104 Resp: 4275
Ion Ratio Lower Upper
104 100
78 48.3 40.7 61.1
103 56.9 44.2 66.2



#71
Bromoform
Concen: 0.41 ug/l
RT: 12.069 min Scan# 3870
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:173 Resp: 1335
Ion Ratio Lower Upper
173 100
175 40.1 24.3 72.8
254 0.0 0.0 0.0

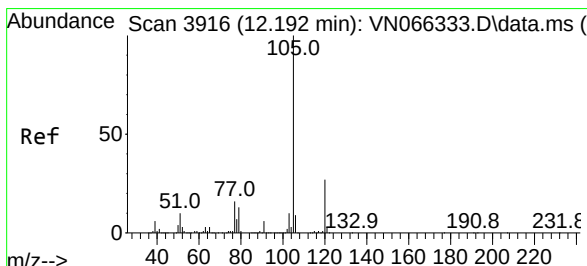
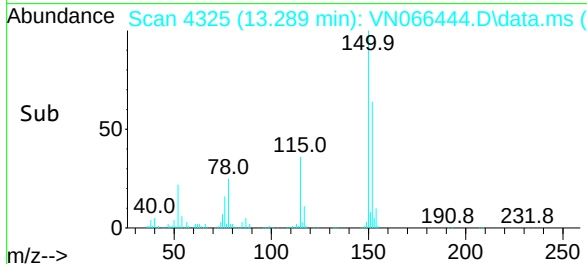
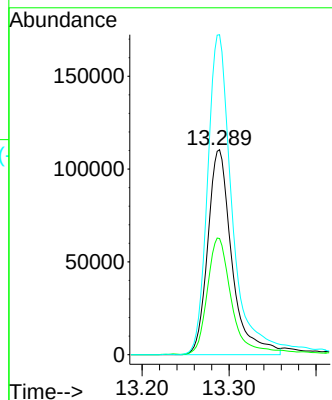
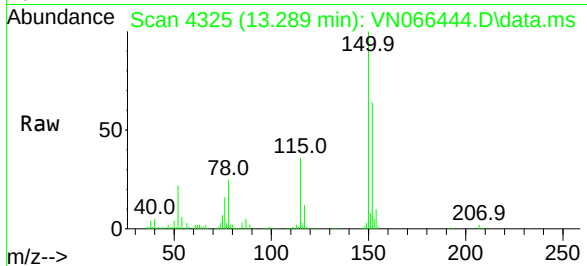




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

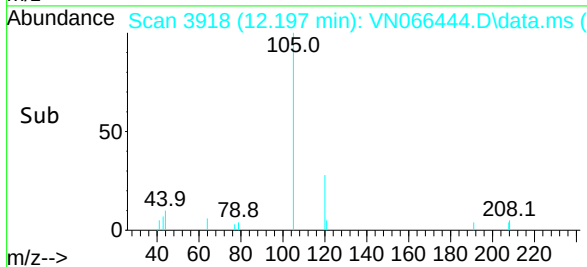
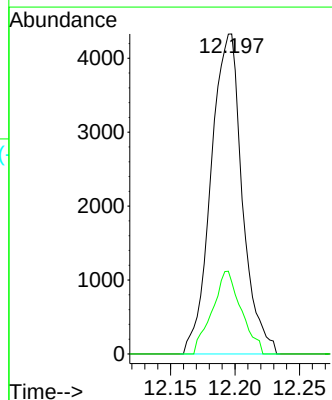
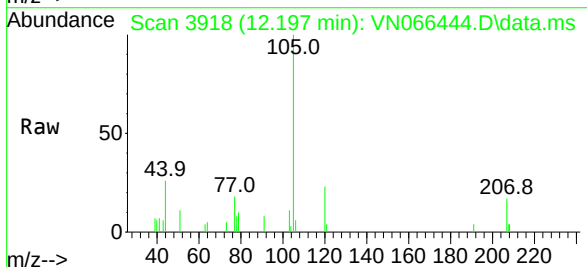
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

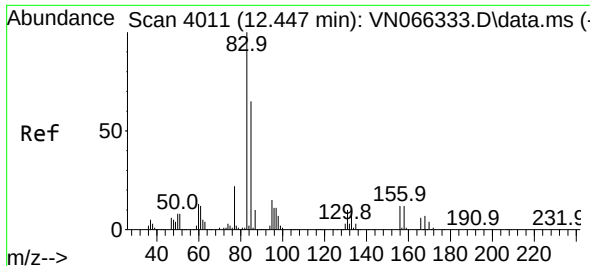
Tgt Ion:152 Resp: 213640
Ion Ratio Lower Upper
152 100
115 57.5 27.8 83.4
150 162.0 0.0 348.4



#73
Isopropylbenzene
Concen: 0.46 ug/l
RT: 12.197 min Scan# 3918
Delta R.T. 0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:105 Resp: 7295
Ion Ratio Lower Upper
105 100
120 24.0 13.3 39.8

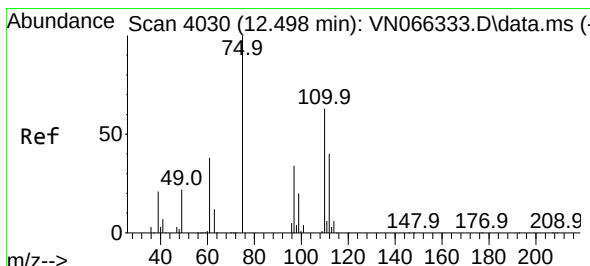
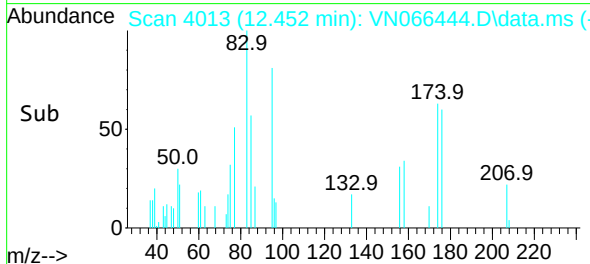
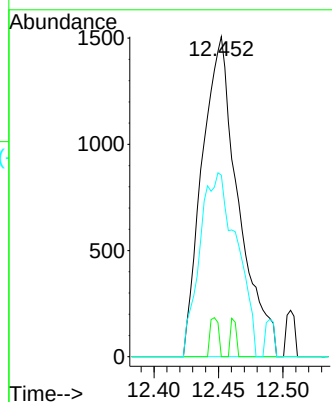
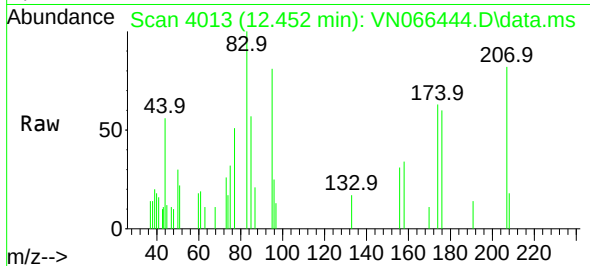




#75
1,1,2,2-Tetrachloroethane
Concen: 0.58 ug/l
RT: 12.452 min Scan# 4013
Delta R.T. 0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

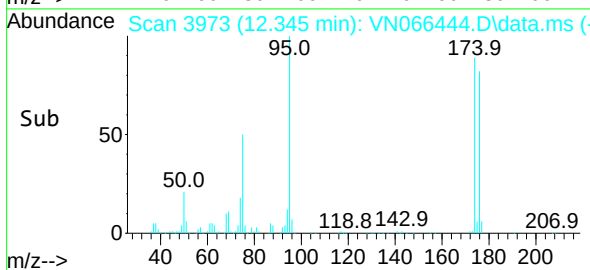
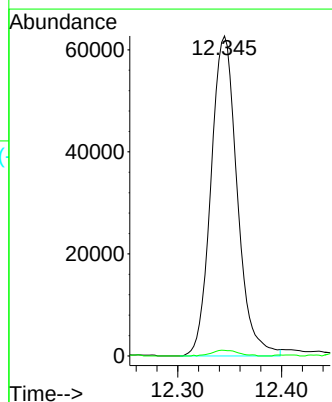
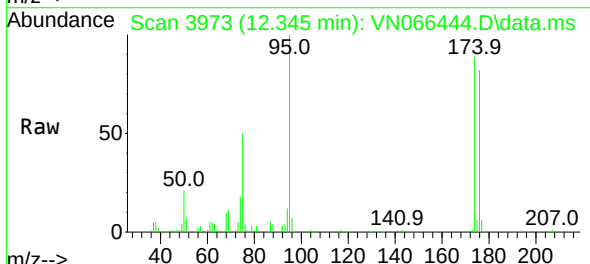
Instrument :
MSVOA_N
ClientSampleId :
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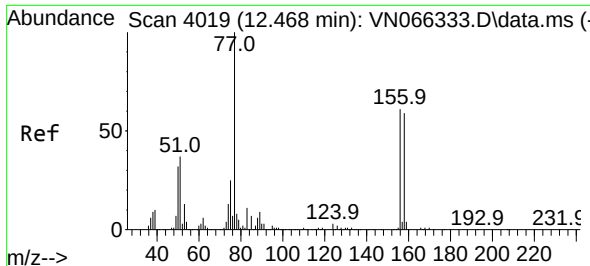
Tgt Ion: 83 Resp: 2944
Ion Ratio Lower Upper
83 100
131 2.9 5.0 15.0#
85 58.8 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 23.47 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 75 Resp: 110042
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#

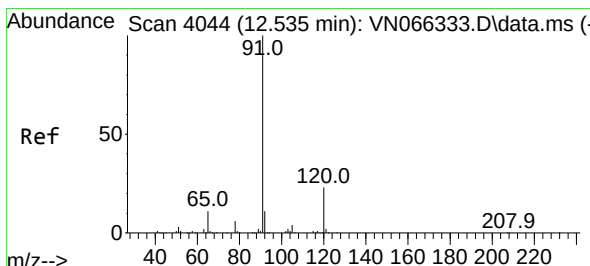
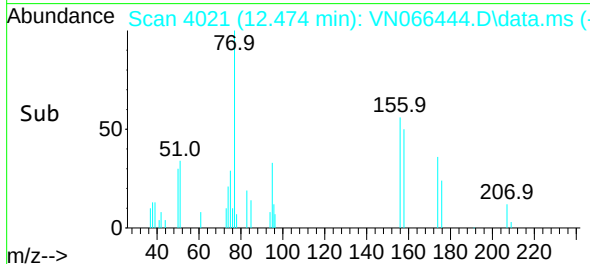
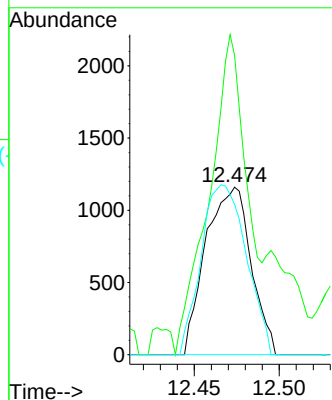
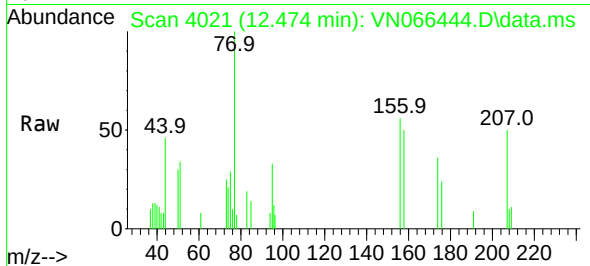




#77
Bromobenzene
Concen: 0.54 ug/l
RT: 12.474 min Scan# 4021
Delta R.T. 0.005 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

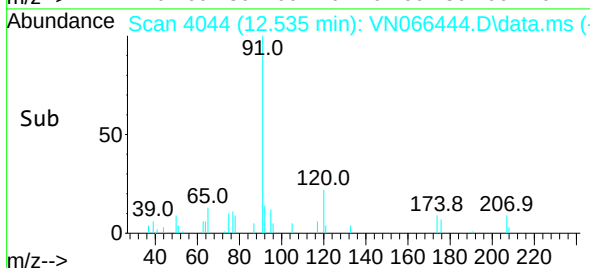
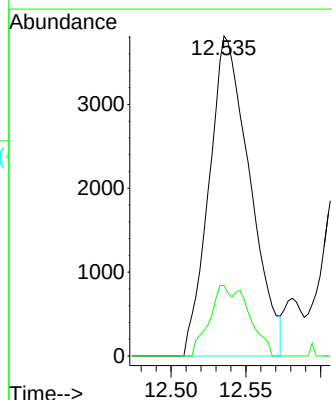
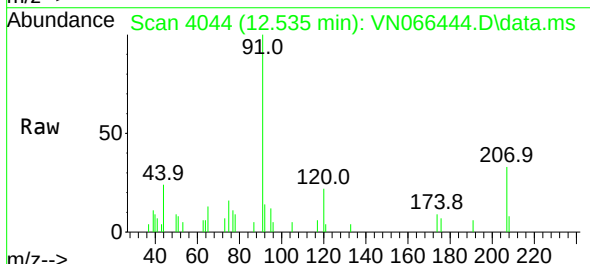
Instrument :
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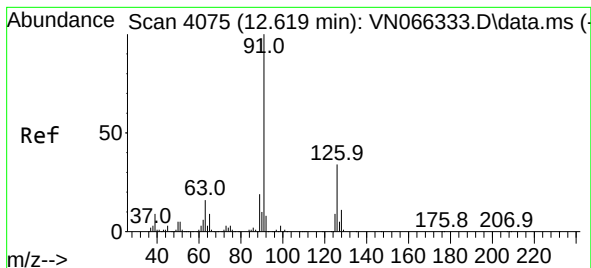
Tgt Ion:156 Resp: 2150
Ion Ratio Lower Upper
156 100
77 158.8 99.7 299.1
158 101.3 48.8 146.3



#78
n-propylbenzene
Concen: 0.42 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 91 Resp: 7244
Ion Ratio Lower Upper
91 100
120 12.1 11.7 35.1

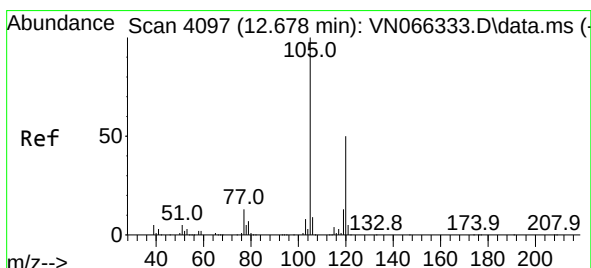
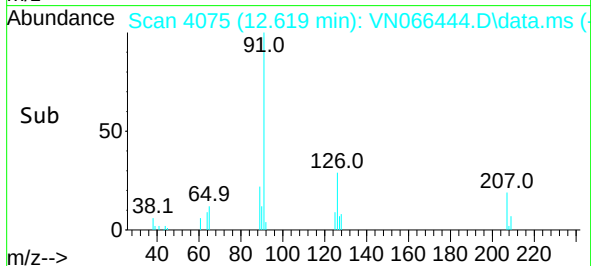
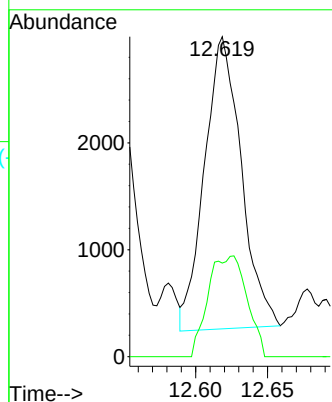
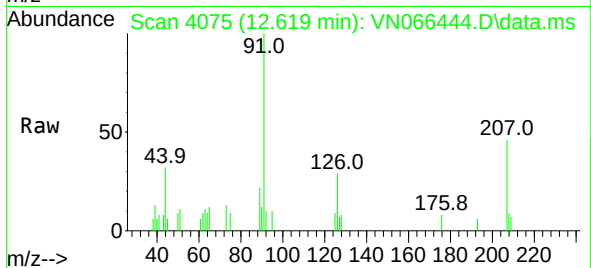




#79
2-Chlorotoluene
Concen: 0.46 ug/l
RT: 12.619 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

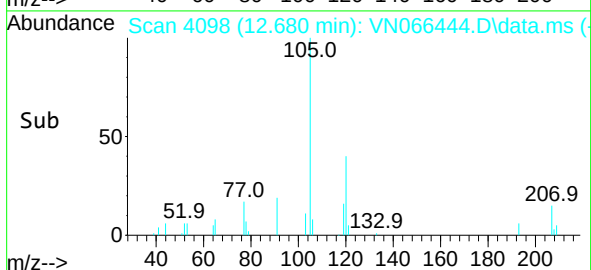
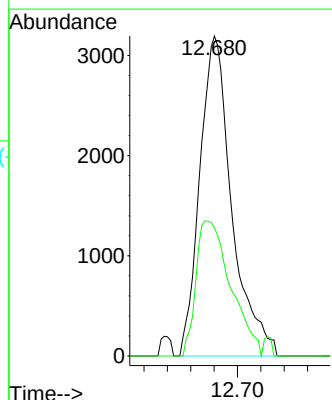
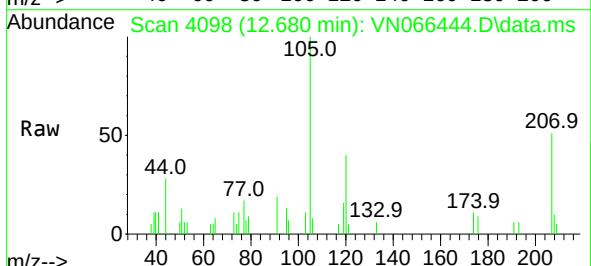
Instrument :
MSVOA_N
ClientSampleId :
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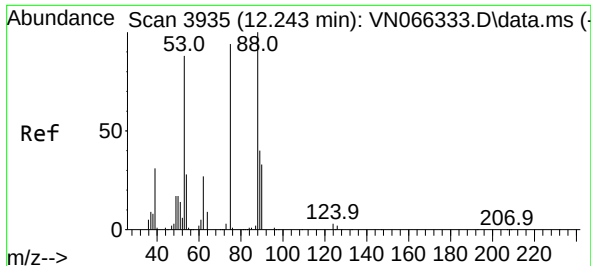
Tgt Ion: 91 Resp: 4862
Ion Ratio Lower Upper
91 100
126 36.3 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 0.47 ug/l
RT: 12.680 min Scan# 4098
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 105 Resp: 6071
Ion Ratio Lower Upper
105 100
120 45.9 24.5 73.5

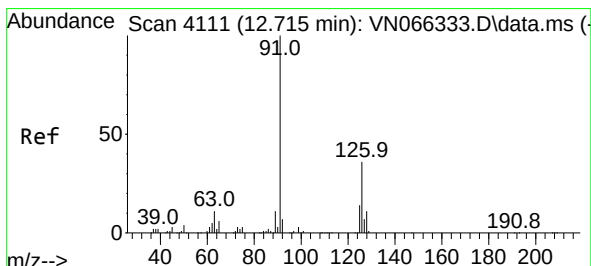
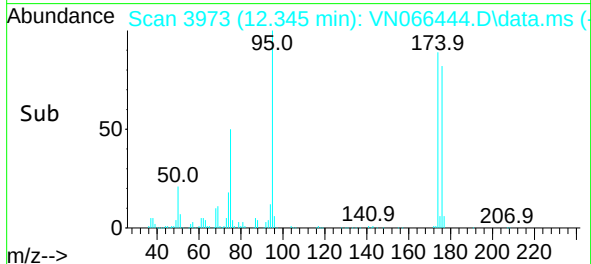
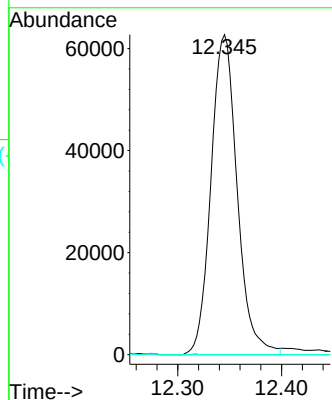
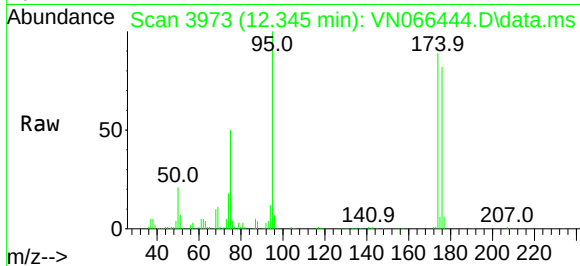




#81
trans-1,4-Dichloro-2-butene
Concen: 70.59 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

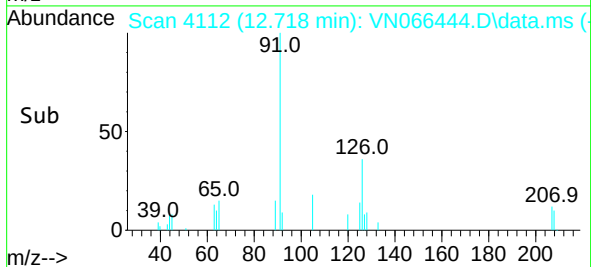
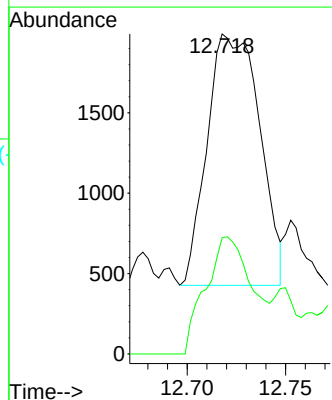
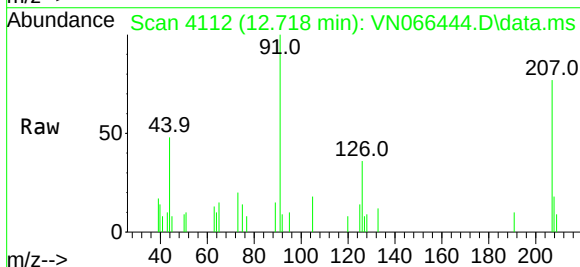
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

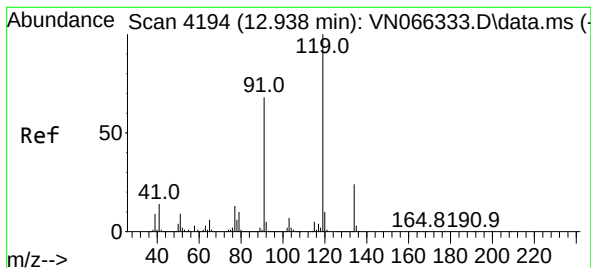
Tgt Ion: 75 Resp: 110042
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 0.27 ug/l
RT: 12.718 min Scan# 4112
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 91 Resp: 2891
Ion Ratio Lower Upper
91 100
126 42.1 16.6 49.8

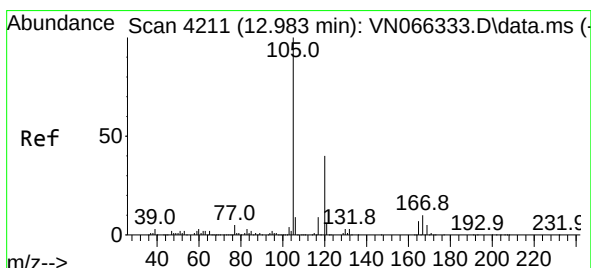
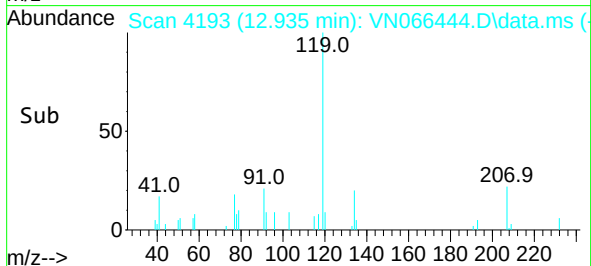
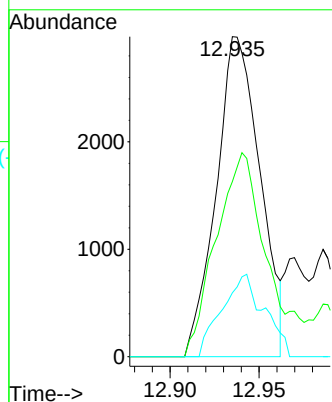
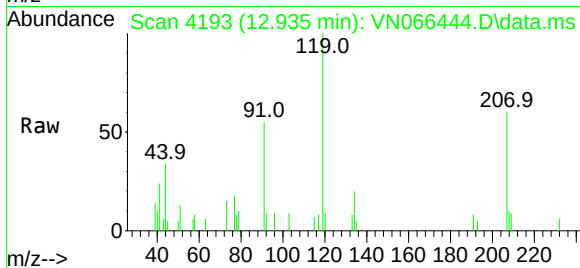




#83
tert-Butylbenzene
Concen: 0.46 ug/l
RT: 12.935 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

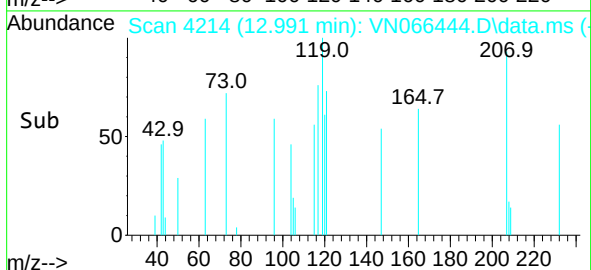
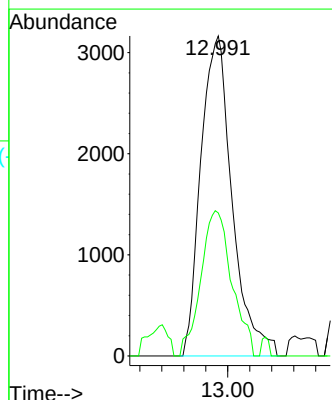
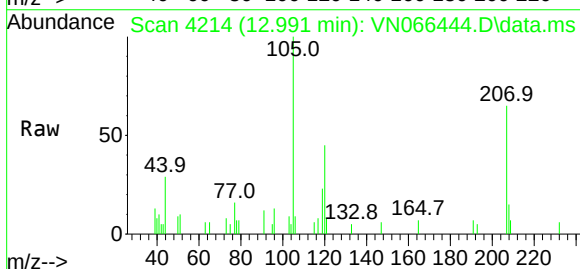
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

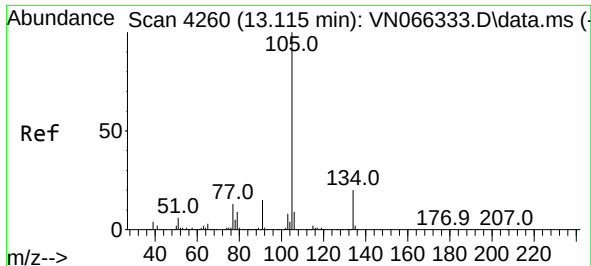
Tgt Ion:	119	Resp:	5110
Ion	Ratio	Lower	Upper
119	100		
91	73.4	33.3	99.8
134	24.9	12.9	38.6



#84
1,2,4-Trimethylbenzene
Concen: 0.50 ug/l
RT: 12.991 min Scan# 4214
Delta R.T. 0.008 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:	105	Resp:	6259
Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.1	69.2

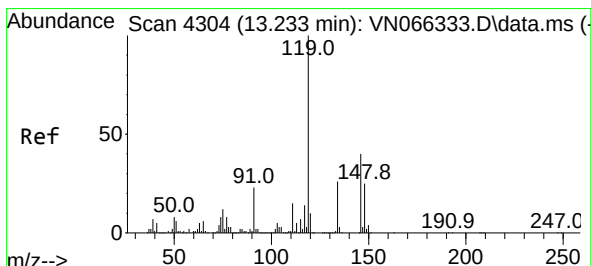
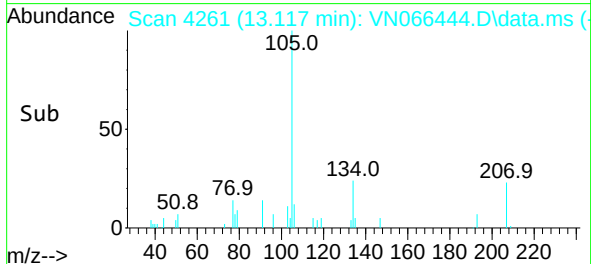
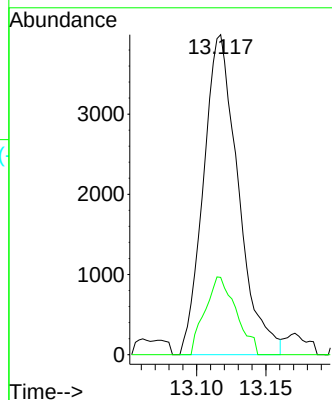
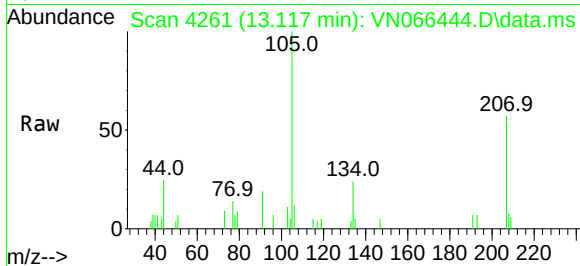




#85
 sec-Butylbenzene
 Concen: 0.48 ug/l
 RT: 13.117 min Scan# 4261
 Delta R.T. 0.003 min
 Lab File: VN066444.D
 Acq: 31 Mar 2021 16:10

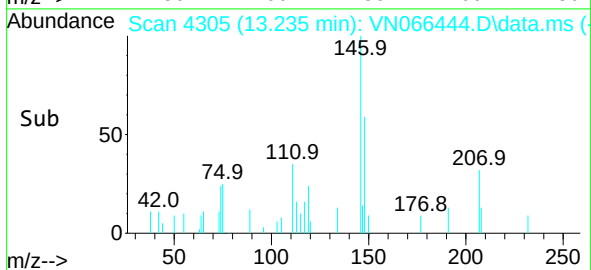
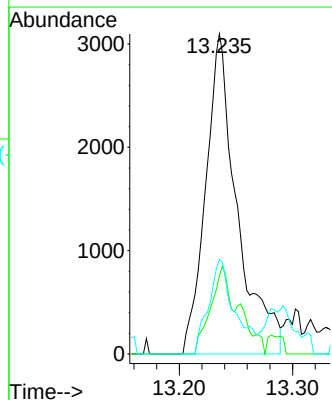
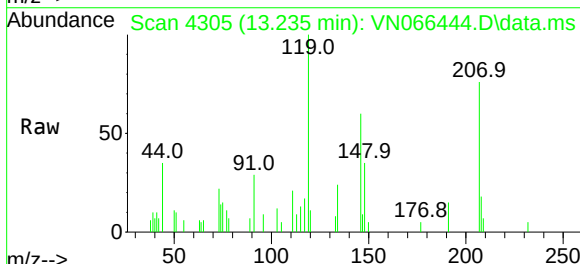
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2021

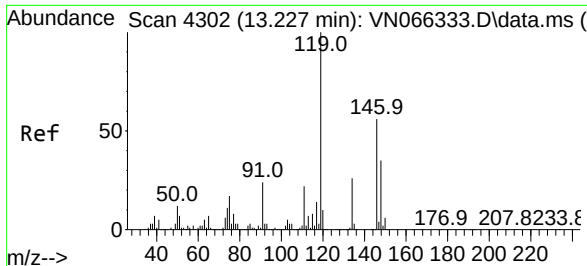
Tgt Ion:105 Resp: 6963
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 0.46 ug/l
 RT: 13.235 min Scan# 4305
 Delta R.T. 0.003 min
 Lab File: VN066444.D
 Acq: 31 Mar 2021 16:10

Tgt Ion:119 Resp: 5970
 Ion Ratio Lower Upper
 119 100
 134 17.2 12.9 38.7
 91 24.4 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 0.54 ug/l

RT: 13.233 min Scan# 4304

Delta R.T. 0.005 min

Lab File: VN066444.D

Acq: 31 Mar 2021 16:10

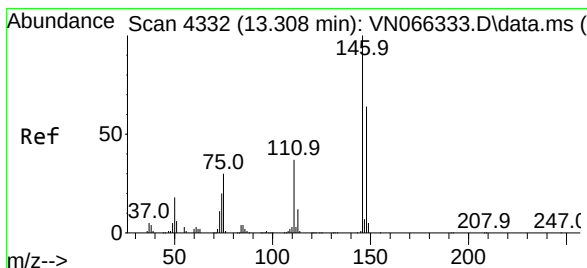
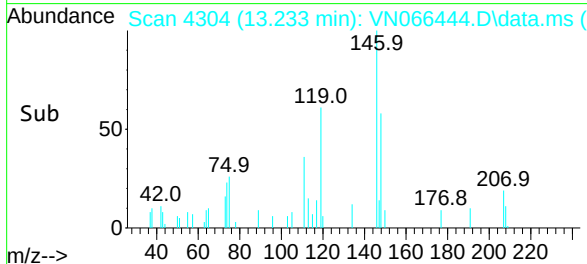
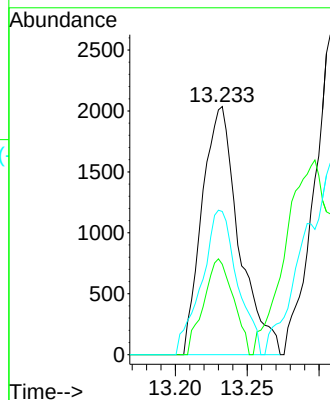
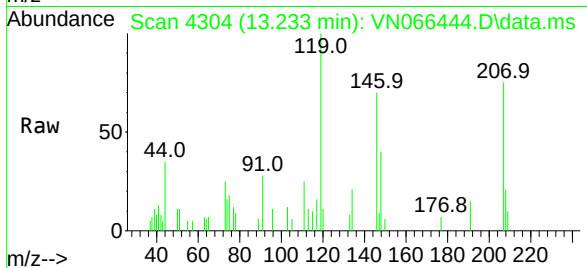
Tgt Ion:146 Resp: 3627

Ion Ratio Lower Upper

146 100

111 31.0 19.4 58.1

148 56.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 0.52 ug/l

RT: 13.233 min Scan# 4304

Delta R.T. -0.075 min

Lab File: VN066444.D

Acq: 31 Mar 2021 16:10

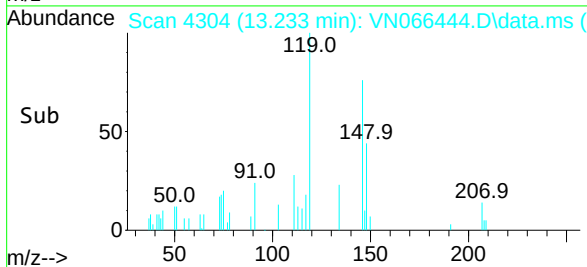
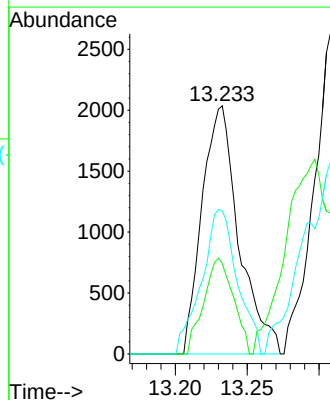
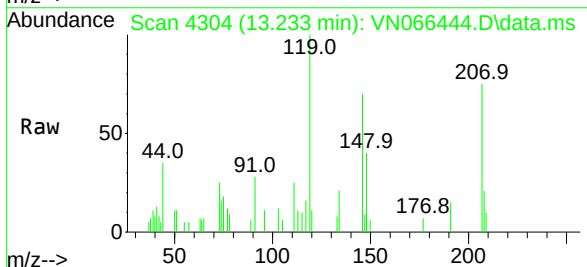
Tgt Ion:146 Resp: 3627

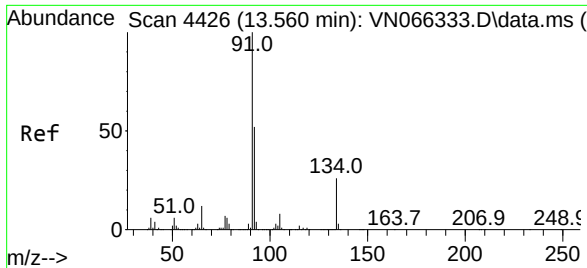
Ion Ratio Lower Upper

146 100

111 31.0 18.3 54.9

148 56.5 31.9 95.9

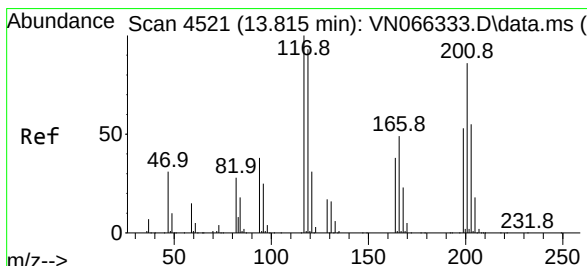
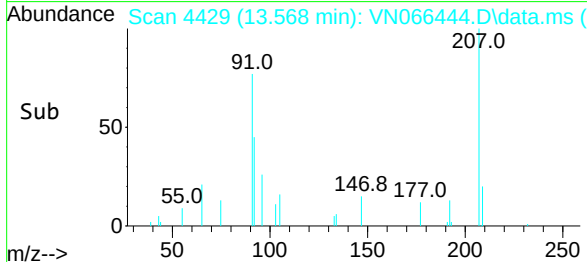
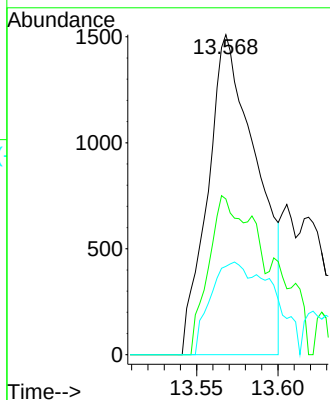
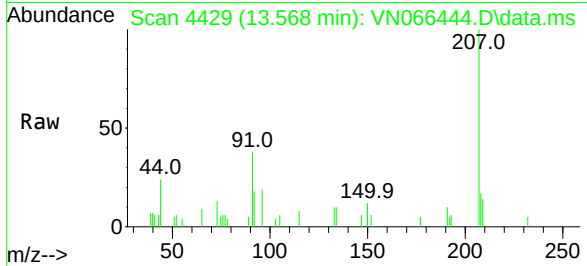




#89
n-Butylbenzene
Concen: 0.30 ug/l
RT: 13.568 min Scan# 4429
Delta R.T. 0.008 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

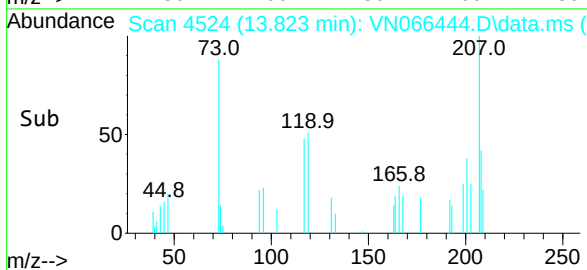
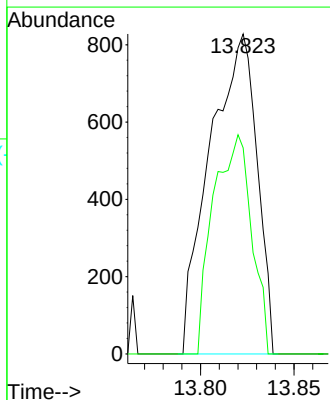
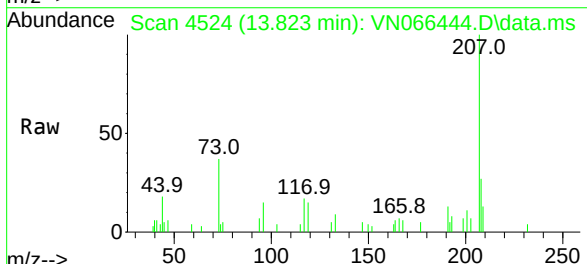
Instrument :
MSVOA_N
ClientSampleId :
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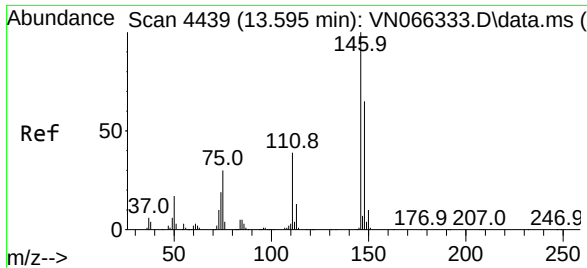
Tgt Ion:	91	Resp:	3174
Ion	Ratio	Lower	Upper
91	100		
92	32.4	26.1	78.3
134	22.8	12.8	38.4



#90
Hexachloroethane
Concen: 0.62 ug/l
RT: 13.823 min Scan# 4524
Delta R.T. 0.008 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:	117	Resp:	1449
Ion	Ratio	Lower	Upper
117	100		
201	55.7	44.0	131.8

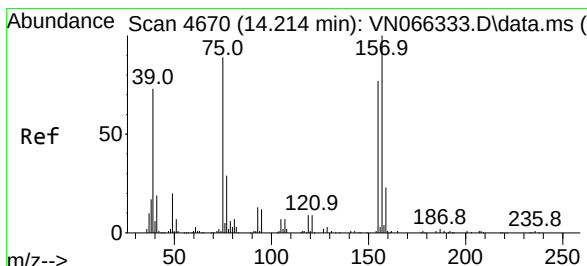
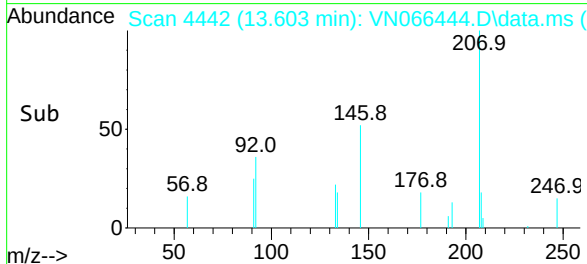
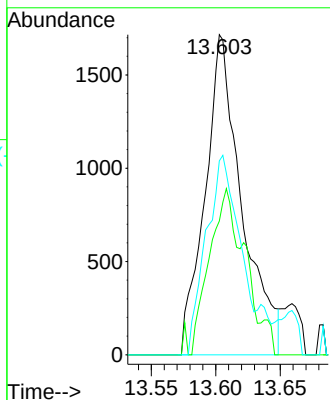
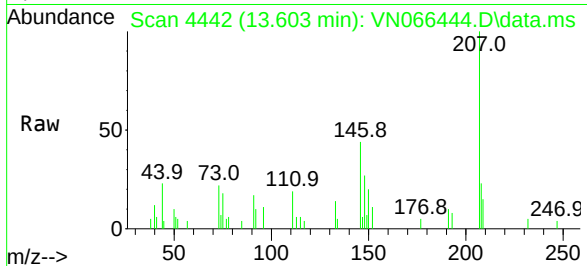




#91
1,2-Dichlorobenzene
Concen: 0.51 ug/l
RT: 13.603 min Scan# 4442
Delta R.T. 0.008 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

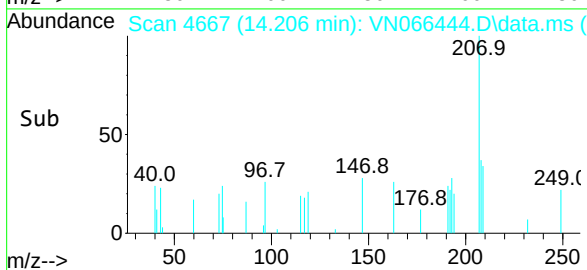
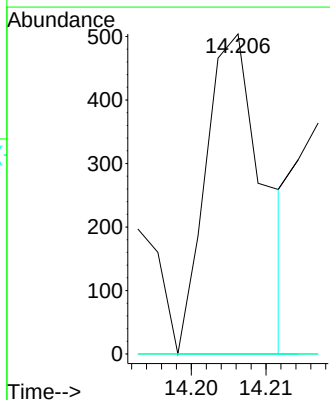
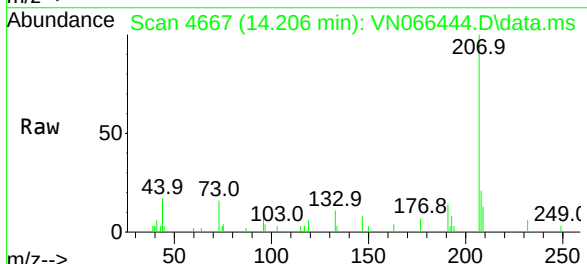
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

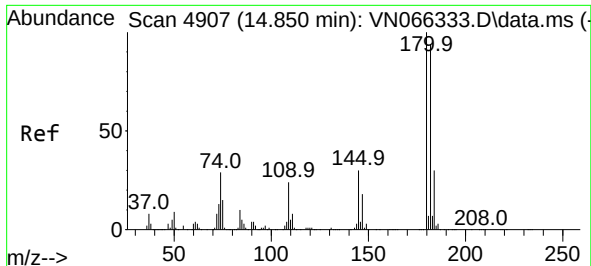
Tgt Ion:146 Resp: 3406
Ion Ratio Lower Upper
146 100
111 48.5 19.7 59.1
148 57.1 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.28 ug/l
RT: 14.206 min Scan# 4667
Delta R.T. -0.008 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 75 Resp: 271
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 0.0 57.6 172.8#

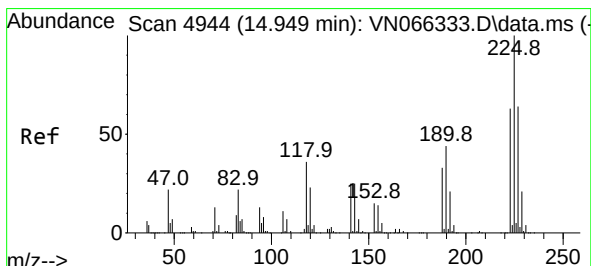
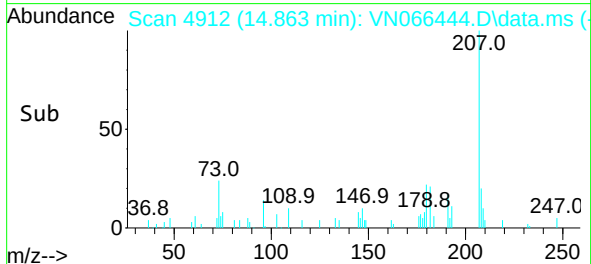
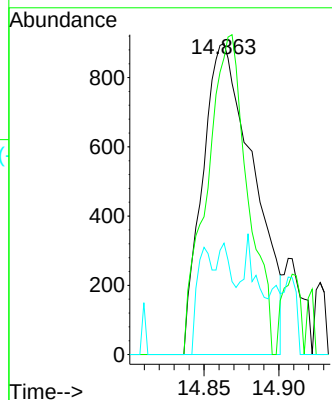
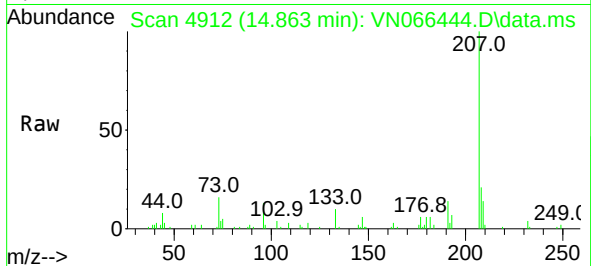




#93
1,2,4-Trichlorobenzene
Concen: 0.52 ug/l
RT: 14.863 min Scan# 4912
Delta R.T. 0.013 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

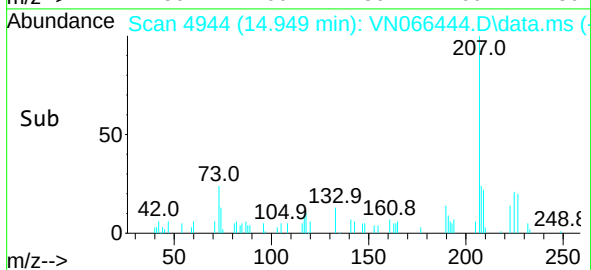
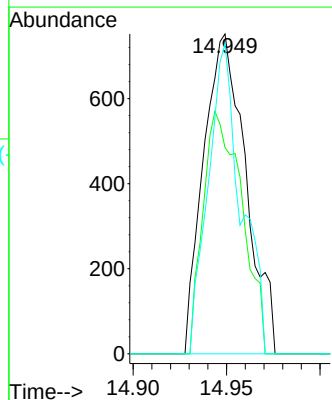
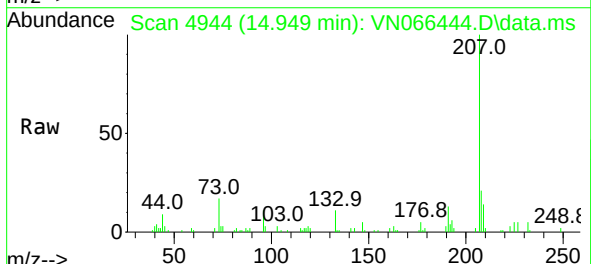
Instrument :
MSVOA_N
ClientSampleId :
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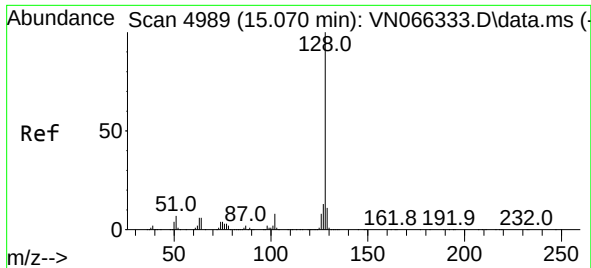
Tgt Ion:180 Resp: 2136
Ion Ratio Lower Upper
180 100
182 81.9 47.4 142.3
145 6.9 14.2 42.8#



#94
Hexachlorobutadiene
Concen: 0.53 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. -0.000 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:225 Resp: 1182
Ion Ratio Lower Upper
225 100
223 69.6 31.1 93.5
227 75.8 32.1 96.3

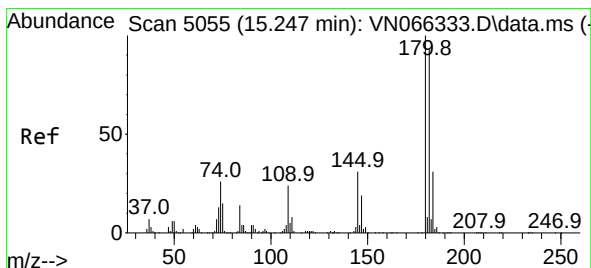
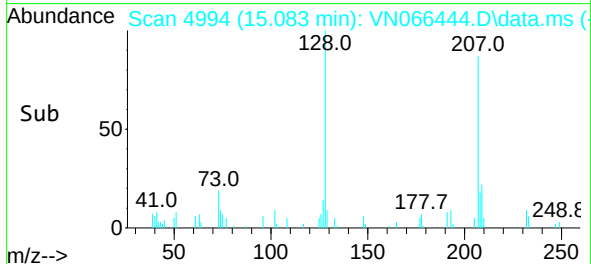
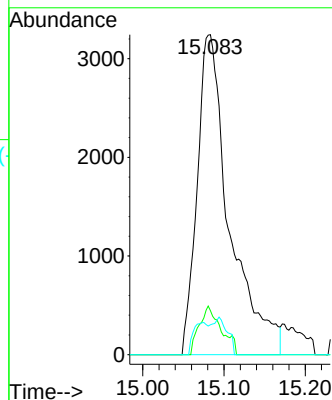
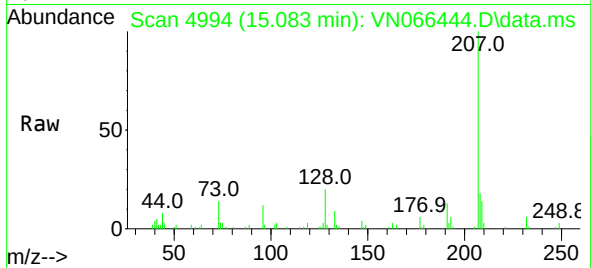




#95
Naphthalene
Concen: 0.72 ug/l
RT: 15.083 min Scan# 4994
Delta R.T. 0.013 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

Tgt Ion:128 Resp: 8953
Ion Ratio Lower Upper
128 100
127 10.4 10.5 15.7#
129 4.6 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 0.30 ug/l
RT: 15.250 min Scan# 5056
Delta R.T. 0.003 min
Lab File: VN066444.D
Acq: 31 Mar 2021 16:10

Tgt Ion:180 Resp: 1228
Ion Ratio Lower Upper
180 100
182 183.3 47.6 142.9#
145 78.0 15.4 46.1#

