

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066345.D
 Acq On : 26 Mar 2021 13:33
 Operator : JC/MD
 Sample : M1458-07 0.2ppb
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 27 01:47:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	448227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	699997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	602047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	246809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	298459	50.09	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.18%	
35) Dibromofluoromethane	7.507	113	234617	50.56	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.12%	
50) Toluene-d8	10.028	98	853045	48.46	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.92%	
62) 4-Bromofluorobenzene	12.345	95	267501	43.75	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.50%	

Target Compounds						Qvalue
3) Chloromethane	2.014	50	4557	Below Cal		91
5) Bromomethane	2.523	94	2266	0.52 ug/l		99
6) Chloroethane	2.658	64	867	0.22 ug/l #		58
9) 1,1,2-Trichlorotrifluo...	3.679	101	1053	0.21 ug/l #		34
11) Tert butyl alcohol	4.696	59	242	0.27 ug/l #		1
13) Acrolein	3.537	56	6116	Below Cal		96
15) Acrylonitrile	4.884	53	2734	1.08 ug/l #		82
16) Acetone	3.744	43	6755	2.10 ug/l		89
17) Carbon Disulfide	3.972	76	6313	0.42 ug/l #		87
20) Methylene Chloride	4.449	84	1232	Below Cal #		78
21) trans-1,2-Dichloroethene	4.924	96	1498	0.32 ug/l #		71
23) Vinyl Acetate	5.790	43	3836	0.28 ug/l		97
25) 2-Butanone	6.753	43	4094	1.16 ug/l #		87
29) Tetrahydrofuran	7.134	42	3635	1.58 ug/l #		74
30) Chloroform	7.279	83	2100	0.24 ug/l		93
31) Cyclohexane	7.576	56	10497	1.27 ug/l #		9
36) 1,1-Dichloropropene	7.582	75	31909	4.85 ug/l #		49
38) Carbon Tetrachloride	7.684	117	1488	0.23 ug/l		95
40) Benzene	7.965	78	4303	0.22 ug/l #		90
43) Isopropyl Acetate	8.089	43	3487	0.28 ug/l #		86
44) Trichloroethene	8.762	130	1095	0.21 ug/l		78
46) Dibromomethane	9.143	93	740	0.21 ug/l		87
48) Methyl methacrylate	9.129	41	1282	0.22 ug/l #		84
49) 1,4-Dioxane	9.140	88	484	6.54 ug/l #		72
51) 4-Methyl-2-Pentanone	9.926	43	9148	1.27 ug/l		93
52) Toluene	10.095	92	2629	0.22 ug/l		97
53) t-1,3-Dichloropropene	10.323	75	1787	0.23 ug/l #		88
54) cis-1,3-Dichloropropene	9.773	75	1923	0.23 ug/l #		92
56) Ethyl methacrylate	10.374	69	1922	0.26 ug/l #		59
58) 2-Chloroethyl Vinyl ether	9.631	63	230	25.85 ug/l #		49
59) 2-Hexanone	10.698	43	8101	1.60 ug/l		95
64) Tetrachloroethene	10.569	164	1205	0.24 ug/l		85
65) Chlorobenzene	11.371	112	2885	0.24 ug/l		99
67) Ethyl Benzene	11.454	91	4940	0.23 ug/l		96
68) m/p-Xylenes	11.564	106	3515	0.42 ug/l		93
70) Styrene	11.905	104	2985	0.23 ug/l #		71

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

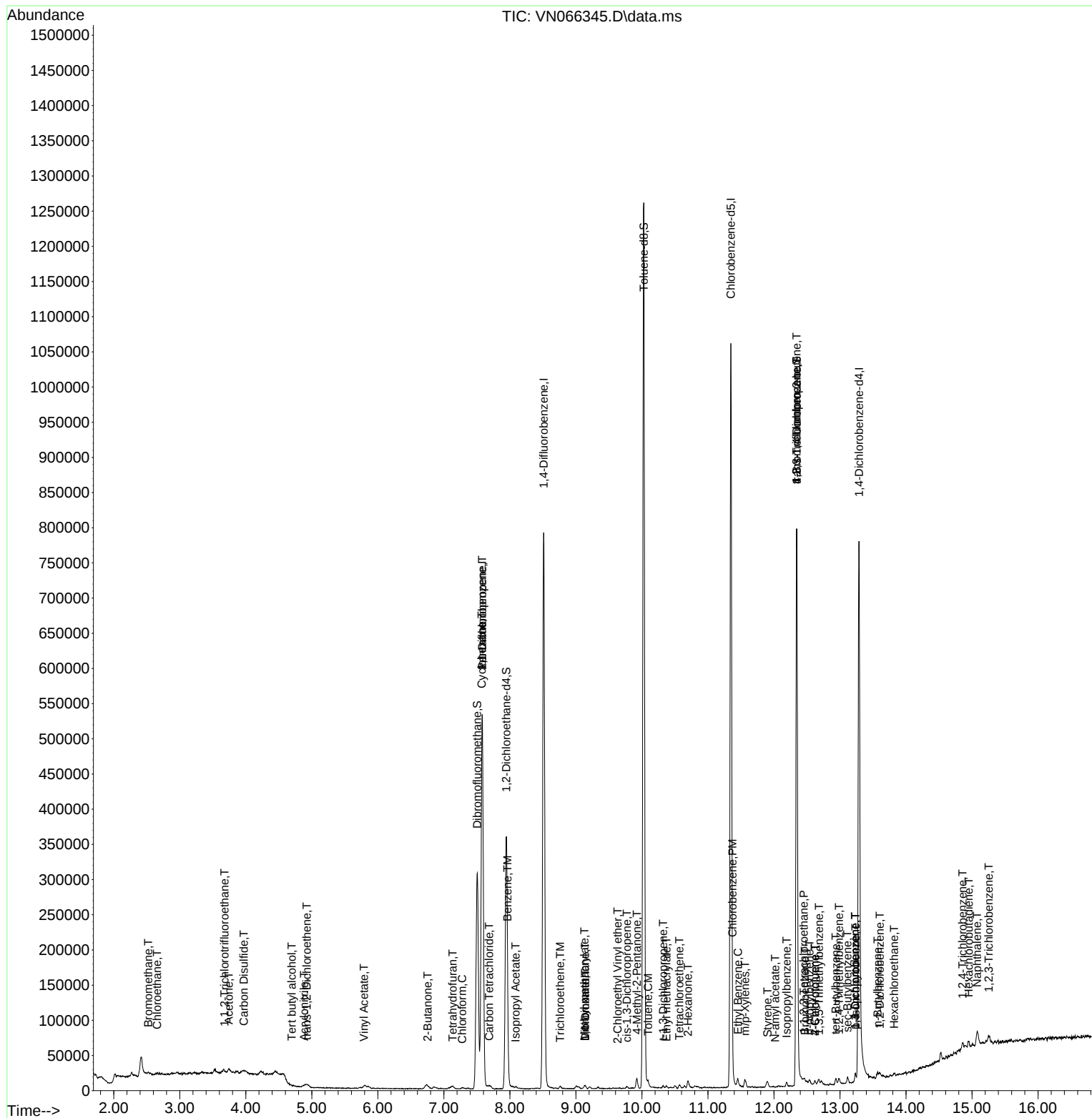
73) Isopropylbenzene	12.192	105	4574	0.25	ug/l	95
74) N-amyl acetate	12.018	43	57	3.20	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.452	83	1435	0.25	ug/l #	52
76) 1,2,3-Trichloropropane	12.345	75	138465	25.57	ug/l #	100
77) Bromobenzene	12.471	156	1250	0.27	ug/l	80
78) n-propylbenzene	12.538	91	5845	0.29	ug/l	97
79) 2-Chlorotoluene	12.621	91	2878	0.23	ug/l	93
80) 1,3,5-Trimethylbenzene	12.683	105	4305	0.29	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.345	75	138465	76.89	ug/l #	12
82) 4-Chlorotoluene	12.621	91	2878	0.24	ug/l	91
83) tert-Butylbenzene	12.938	119	3827	0.30	ug/l	93
84) 1,2,4-Trimethylbenzene	12.989	105	4441	0.30	ug/l	98
85) sec-Butylbenzene	13.115	105	6326	0.38	ug/l	96
86) p-Isopropyltoluene	13.235	119	5952	0.40	ug/l	91
87) 1,3-Dichlorobenzene	13.230	146	2680	0.34	ug/l	94
88) 1,4-Dichlorobenzene	13.230	146	2680	0.33	ug/l	92
89) n-Butylbenzene	13.571	91	7073	0.57	ug/l	96
90) Hexachloroethane	13.820	117	1138	0.42	ug/l #	48
91) 1,2-Dichlorobenzene	13.603	146	2859	0.37	ug/l #	74
93) 1,2,4-Trichlorobenzene	14.858	180	4654	0.98	ug/l	87
94) Hexachlorobutadiene	14.949	225	1635	0.63	ug/l	87
95) Naphthalene	15.078	128	20642	2.50	ug/l	98
96) 1,2,3-Trichlorobenzene	15.255	180	4720	0.99	ug/l	91

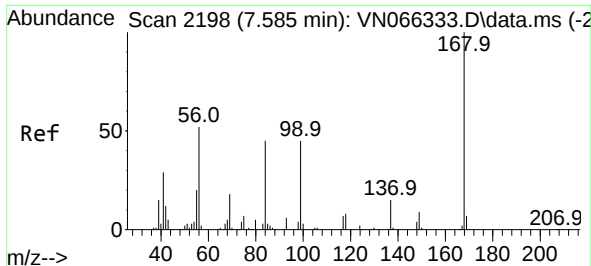
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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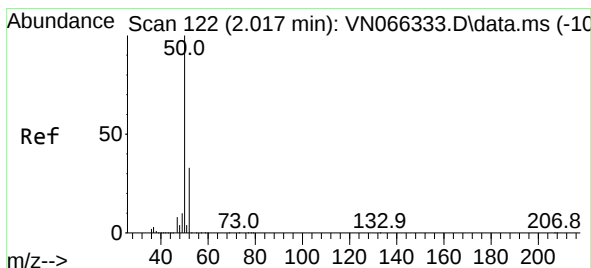
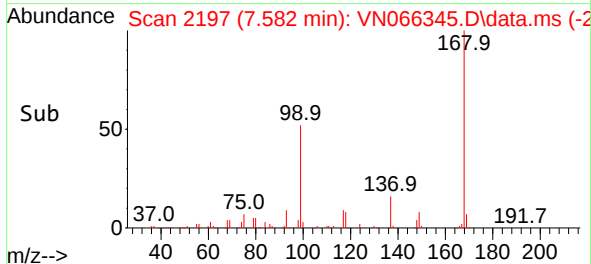
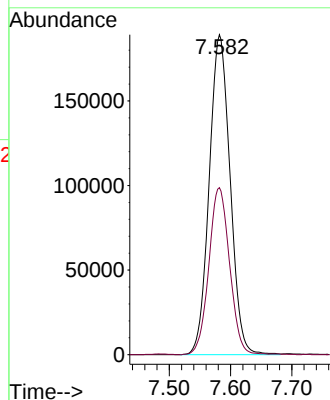
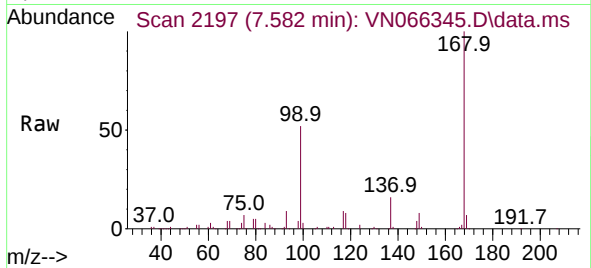




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

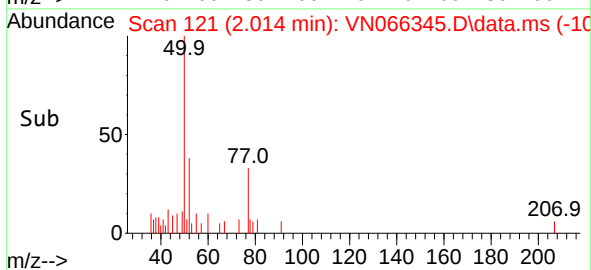
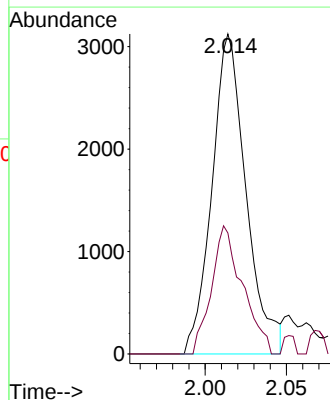
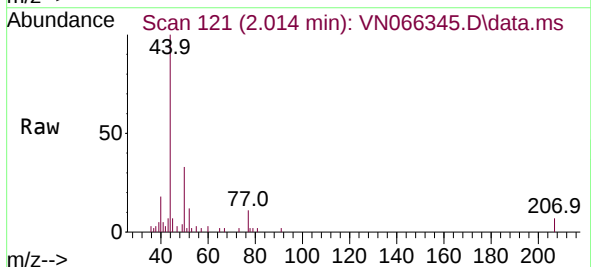
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

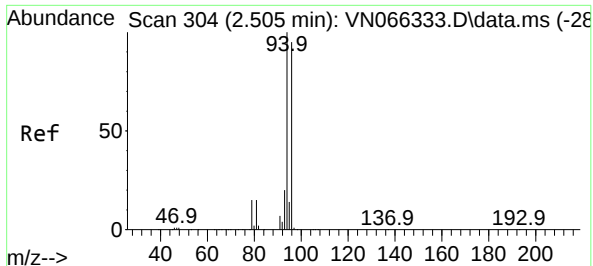
Tgt Ion:168 Resp: 448227
Ion Ratio Lower Upper
168 100
99 52.2 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 50 Resp: 4557
Ion Ratio Lower Upper
50 100
52 37.8 26.2 39.2

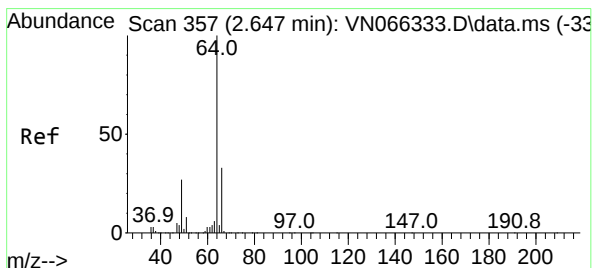
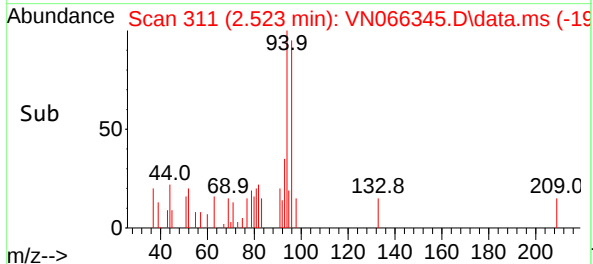
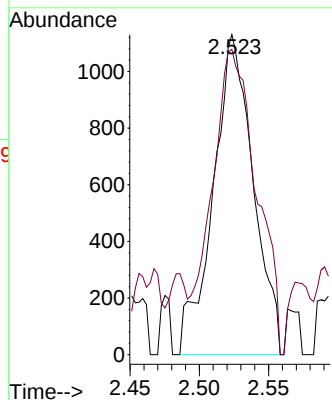
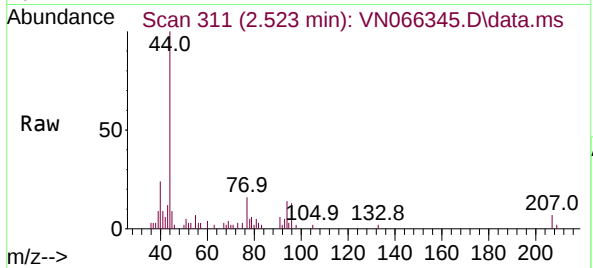




#5
Bromomethane
Concen: 0.52 ug/l
RT: 2.523 min Scan# 311
Delta R.T. 0.019 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

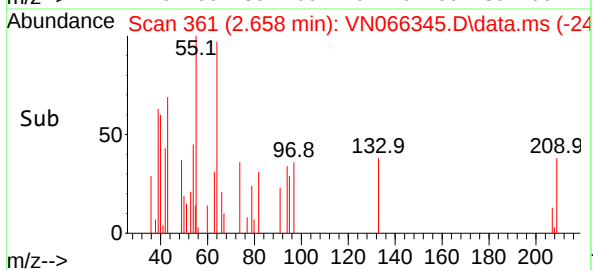
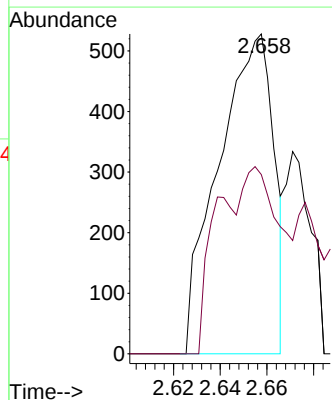
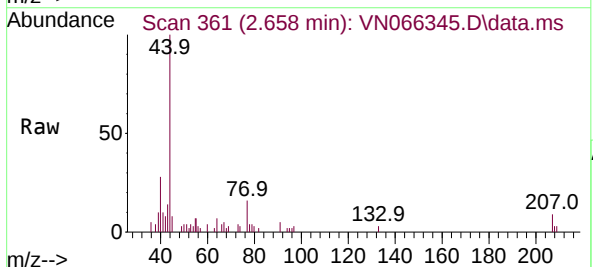
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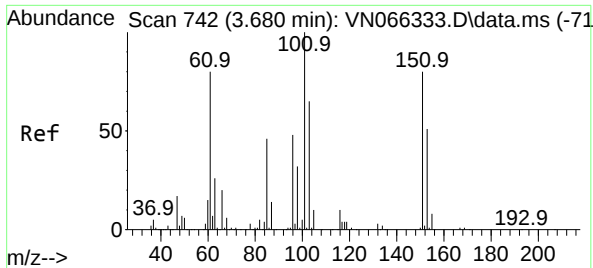
Tgt Ion: 94 Resp: 2266
Ion Ratio Lower Upper
94 100
96 95.4 75.8 113.6



#6
Chloroethane
Concen: 0.22 ug/l
RT: 2.658 min Scan# 361
Delta R.T. 0.011 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 64 Resp: 867
Ion Ratio Lower Upper
64 100
66 56.1 26.1 39.1#

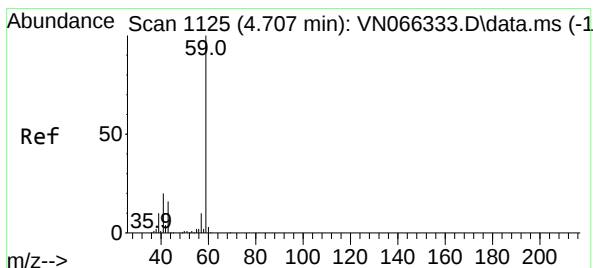
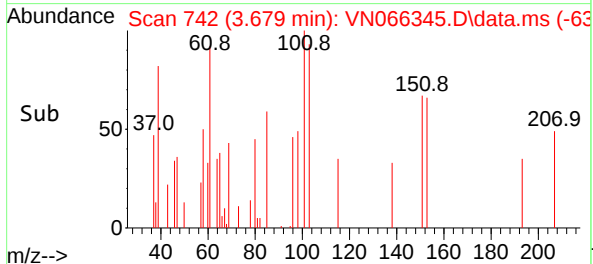
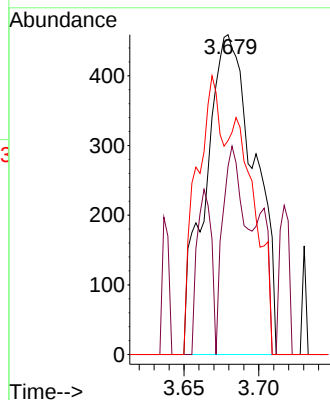
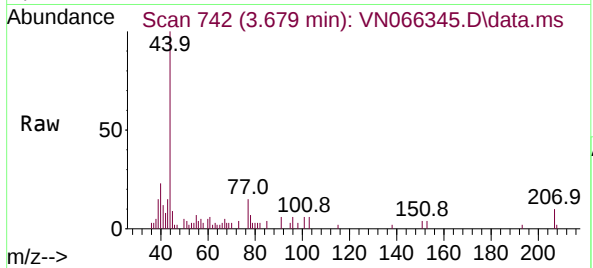




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.21 ug/l
RT: 3.679 min Scan# 742
Delta R.T. -0.001 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

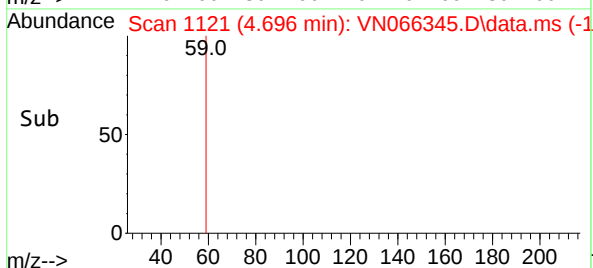
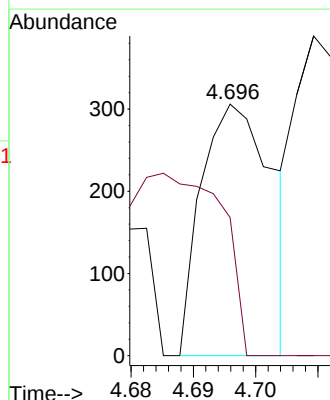
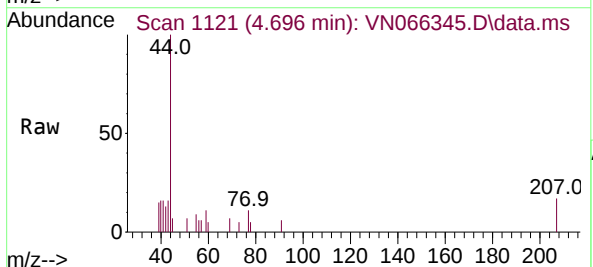
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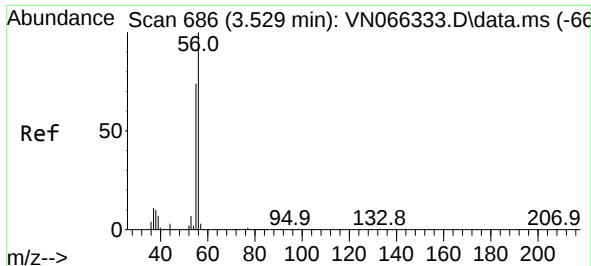
Tgt Ion:101 Resp: 1053
Ion Ratio Lower Upper
101 100
85 30.4 36.8 55.2#
151 0.0 63.0 94.4#



#11
Tert butyl alcohol
Concen: 0.27 ug/l
RT: 4.696 min Scan# 1121
Delta R.T. -0.011 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 59 Resp: 242
Ion Ratio Lower Upper
59 100
57 93.0 4.1 6.1#

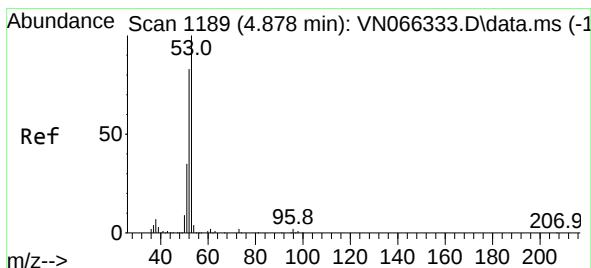
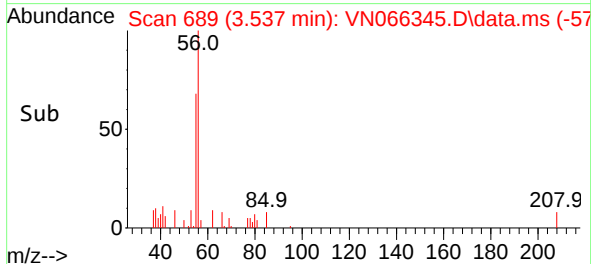
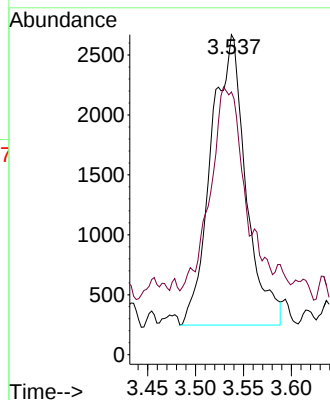
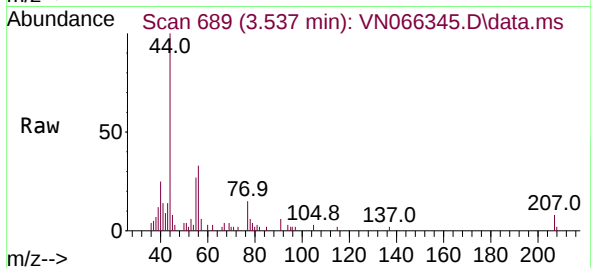




#13
Acrolein
Concen: Below Cal
RT: 3.537 min Scan# 689
Delta R.T. 0.008 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

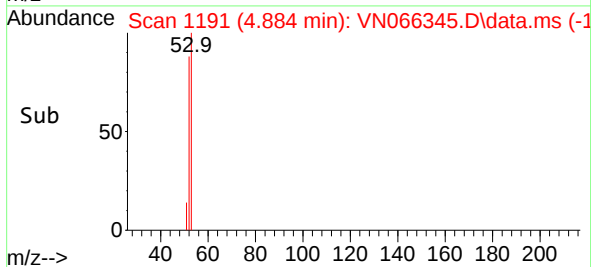
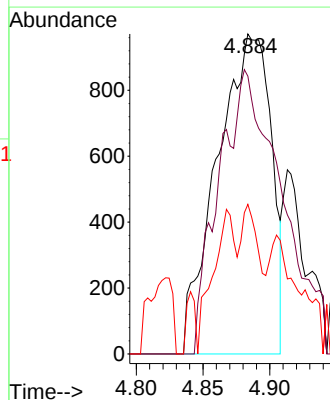
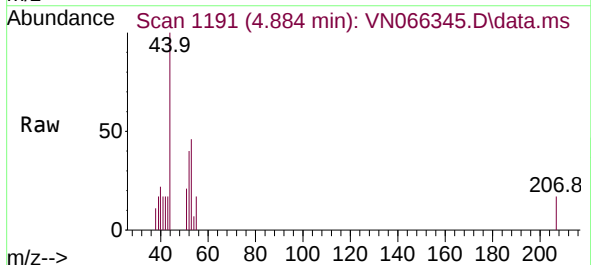
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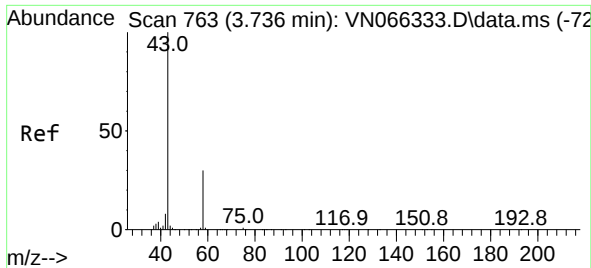
Tgt Ion: 56 Resp: 6116
Ion Ratio Lower Upper
56 100
55 68.9 57.9 86.9



#15
Acrylonitrile
Concen: 1.08 ug/l
RT: 4.884 min Scan# 1191
Delta R.T. 0.005 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 53 Resp: 2734
Ion Ratio Lower Upper
53 100
52 73.3 66.6 99.8
51 16.5 29.4 44.0#

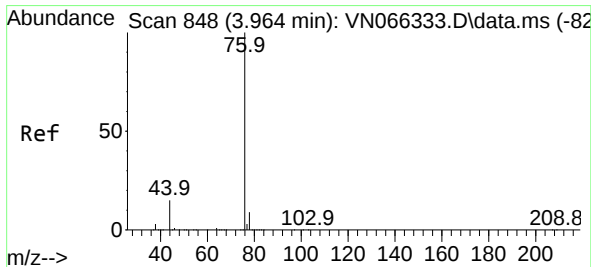
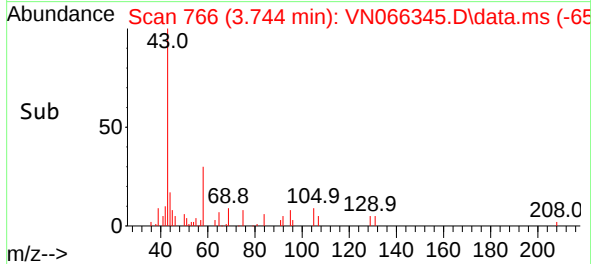
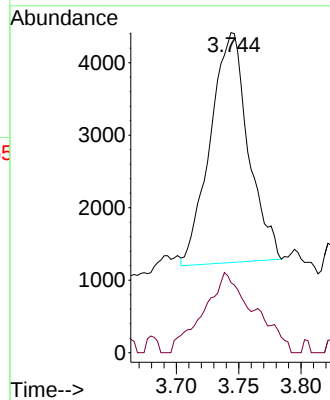
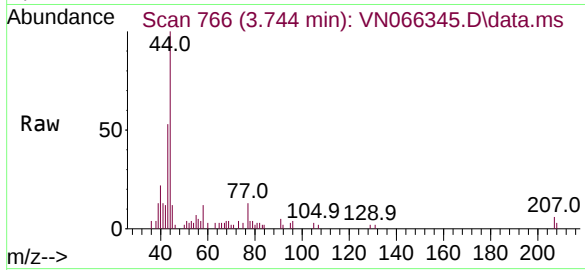




#16
Acetone
Concen: 2.10 ug/l
RT: 3.744 min Scan# 766
Delta R.T. 0.008 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

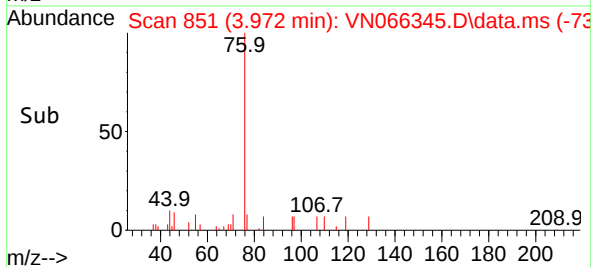
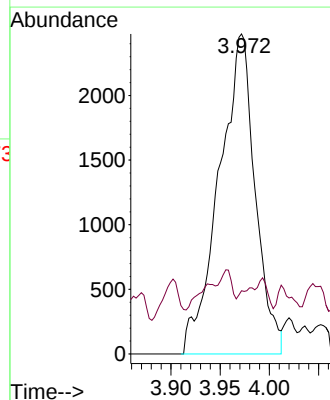
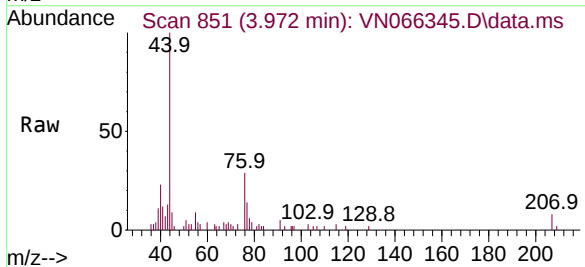
Instrument :
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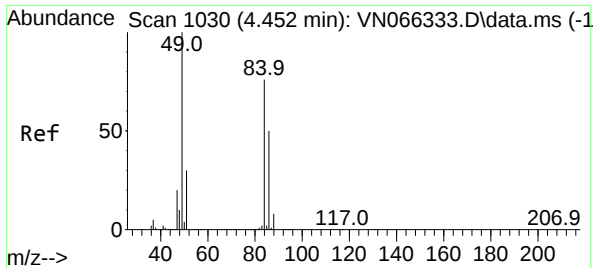
Tgt Ion: 43 Resp: 6755
Ion Ratio Lower Upper
43 100
58 24.1 23.8 35.8



#17
Carbon Disulfide
Concen: 0.42 ug/l
RT: 3.972 min Scan# 851
Delta R.T. 0.008 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 76 Resp: 6313
Ion Ratio Lower Upper
76 100
78 4.6 7.4 11.0#

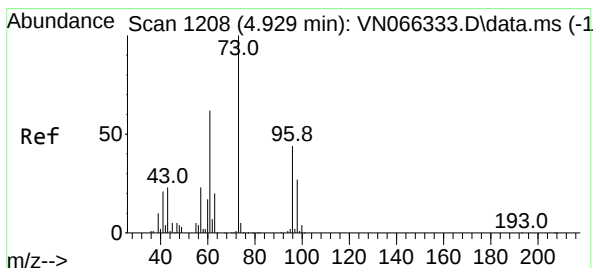
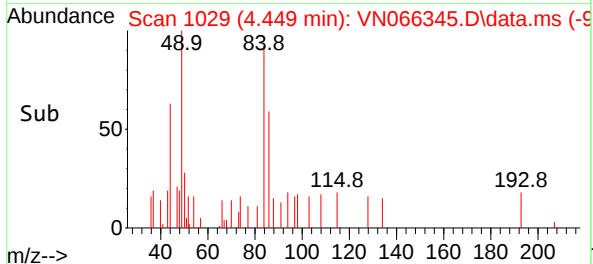
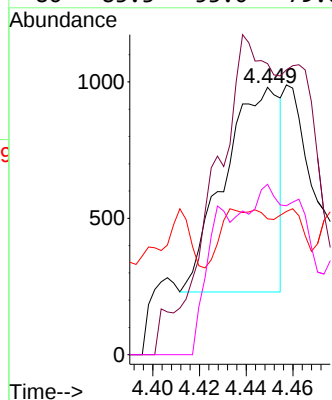
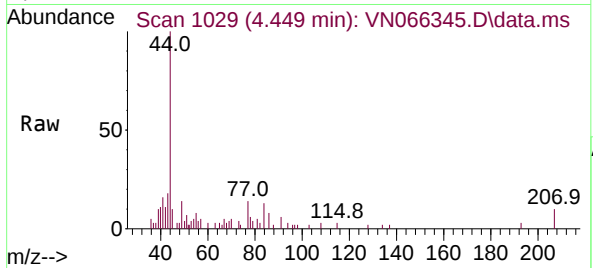




#20
Methylene Chloride
Concen: Below Cal
RT: 4.449 min Scan# 1029
Delta R.T. -0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

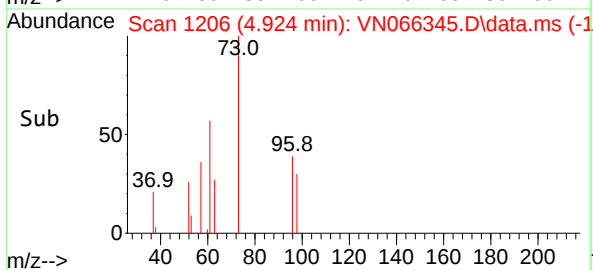
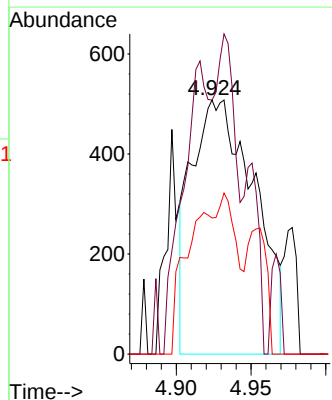
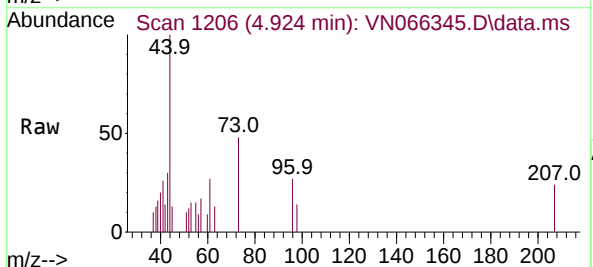
Instrument :
MSVOA_N
ClientSampleId :
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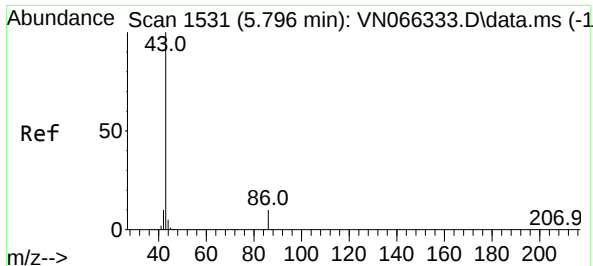
Tgt Ion:	84	Resp:	1232
Ion	Ratio	Lower	Upper
84	100		
49	119.5	105.0	157.6
51	0.0	31.6	47.4#
86	83.3	53.0	79.6#



#21
trans-1,2-Dichloroethene
Concen: 0.32 ug/l
RT: 4.924 min Scan# 1206
Delta R.T. -0.006 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion:	96	Resp:	1498
Ion	Ratio	Lower	Upper
96	100		
61	104.5	113.7	170.5#
98	82.2	50.2	75.2#





#23

Vinyl Acetate

Concen: 0.28 ug/l

RT: 5.790 min Scan# 1529

Delta R.T. -0.005 min

Lab File: VN066345.D

Acq: 26 Mar 2021 13:33

Instrument :

MSVOA_N

ClientSampleId :

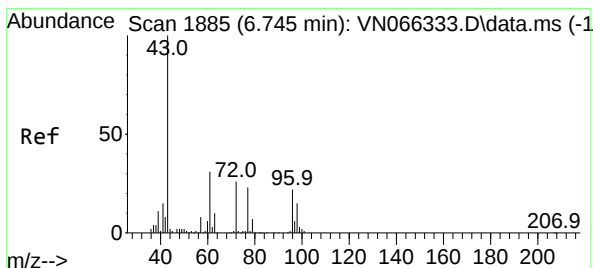
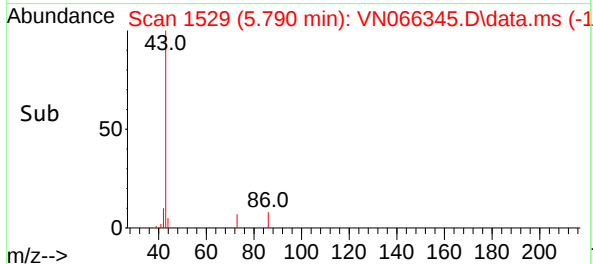
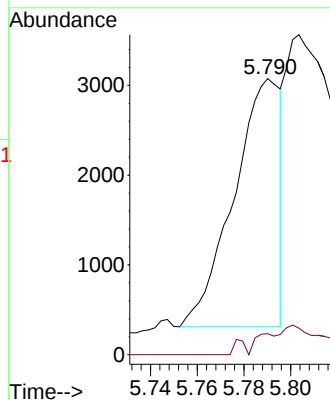
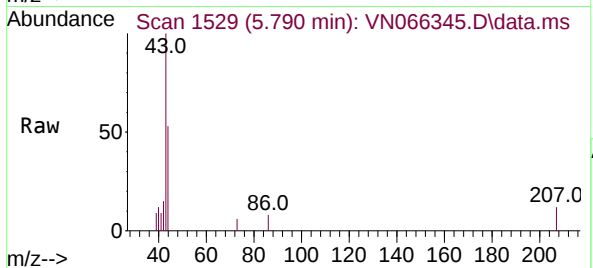
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Tgt Ion: 43 Resp: 3836

Ion Ratio Lower Upper

43 100

86 8.5 7.7 11.5



#25

2-Butanone

Concen: 1.16 ug/l

RT: 6.753 min Scan# 1888

Delta R.T. 0.008 min

Lab File: VN066345.D

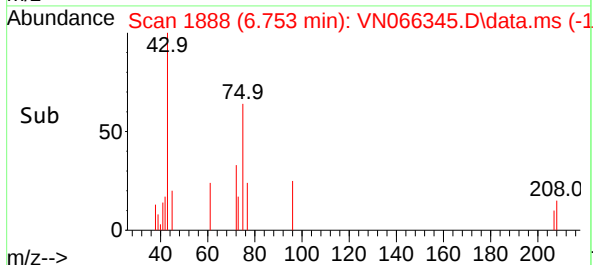
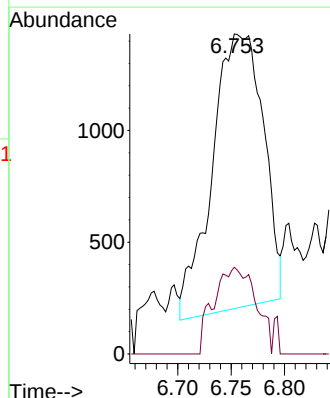
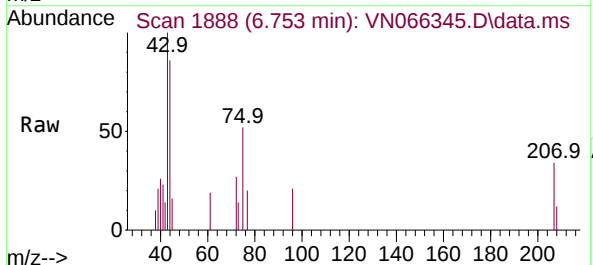
Acq: 26 Mar 2021 13:33

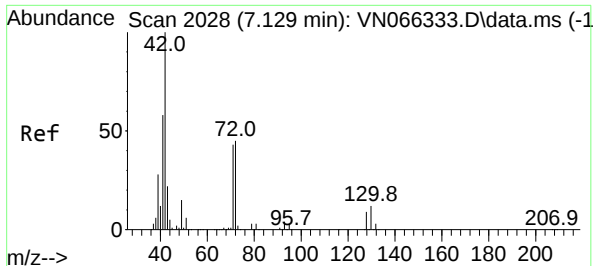
Tgt Ion: 43 Resp: 4094

Ion Ratio Lower Upper

43 100

72 32.7 20.7 31.1#





#29

Tetrahydrofuran

Concen: 1.58 ug/l

RT: 7.134 min Scan# 2030

Delta R.T. 0.005 min

Lab File: VN066345.D

Acq: 26 Mar 2021 13:33

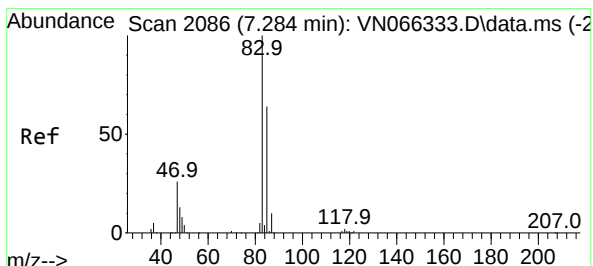
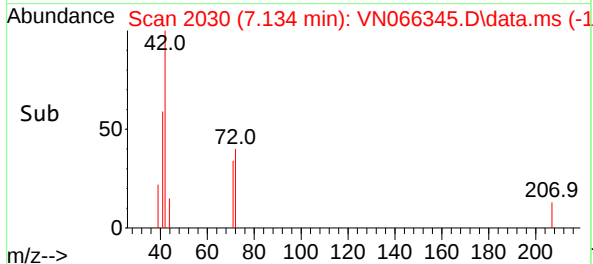
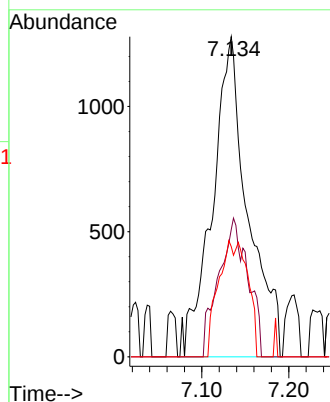
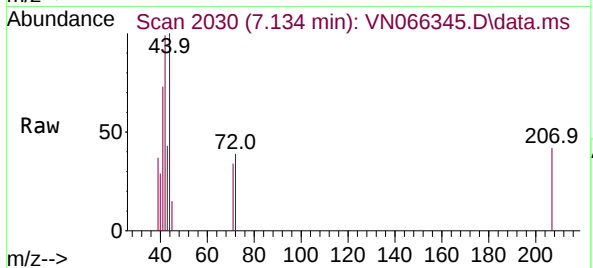
Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:	42	Resp:	3635
Ion	Ratio	Lower	Upper
42	100		
72	35.5	35.2	52.8
71	16.1	33.1	49.7#



#30

Chloroform

Concen: 0.24 ug/l

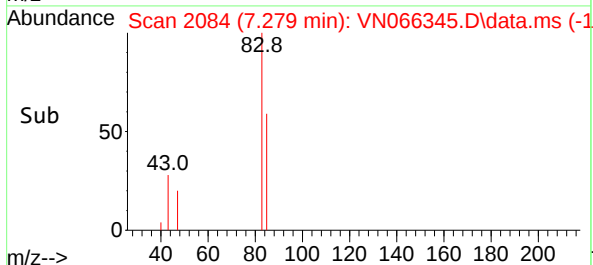
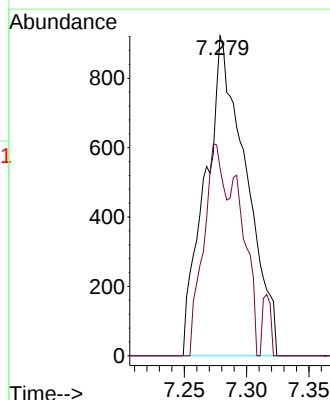
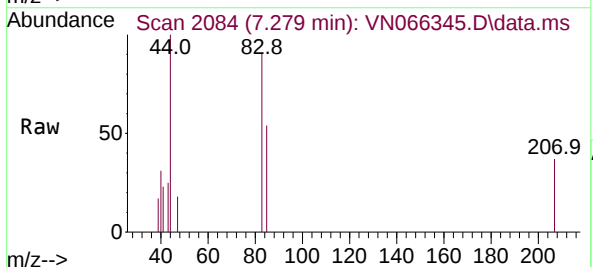
RT: 7.279 min Scan# 2084

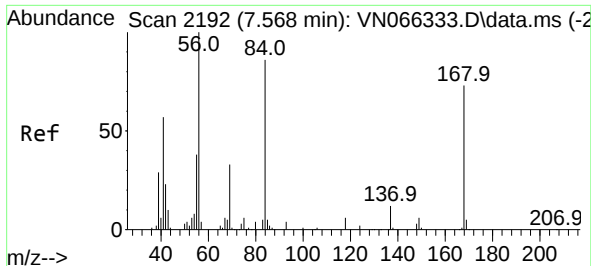
Delta R.T. -0.006 min

Lab File: VN066345.D

Acq: 26 Mar 2021 13:33

Tgt Ion:	83	Resp:	2100
Ion	Ratio	Lower	Upper
83	100		
85	58.7	51.3	76.9

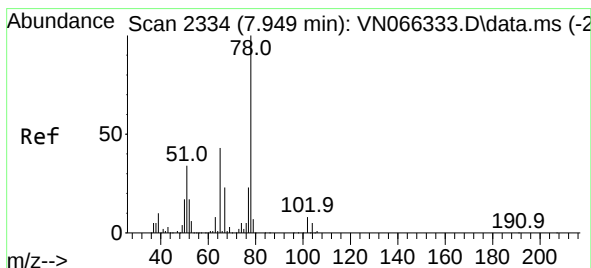
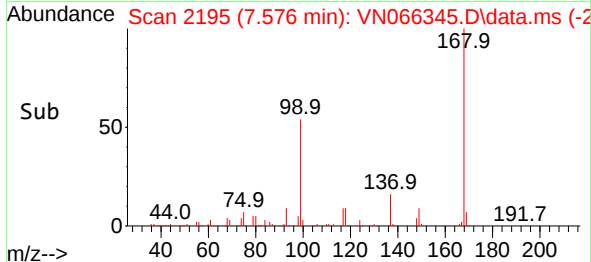
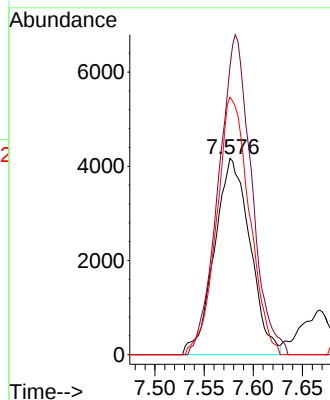
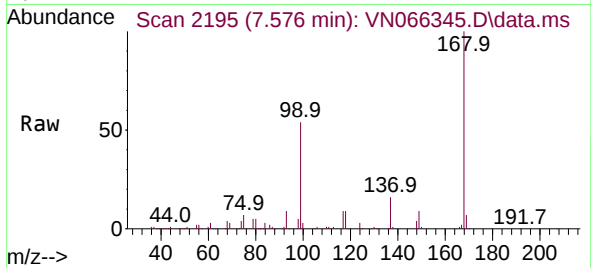




#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.576 min Scan# 2195
Delta R.T. 0.008 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

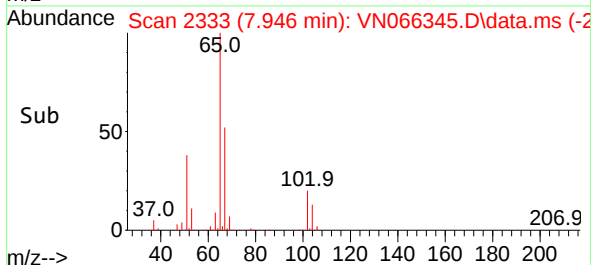
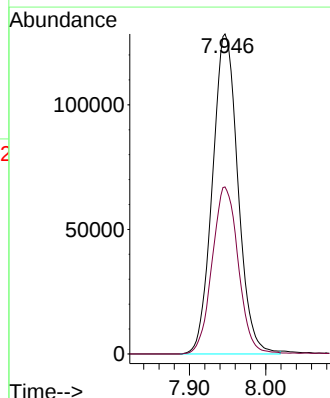
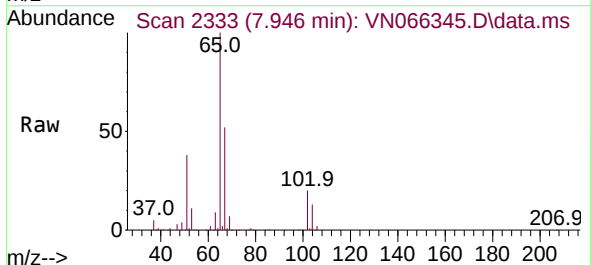
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

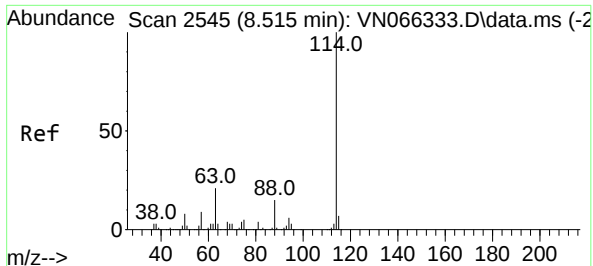
Tgt Ion: 56 Resp: 10497
Ion Ratio Lower Upper
56 100
69 146.7 26.6 40.0#
84 131.2 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 50.09 ug/l
RT: 7.946 min Scan# 2333
Delta R.T. -0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 65 Resp: 298459
Ion Ratio Lower Upper
65 100
67 53.5 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: VN066345.D

Acq: 26 Mar 2021 13:33

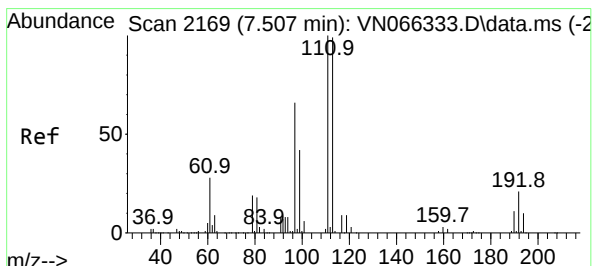
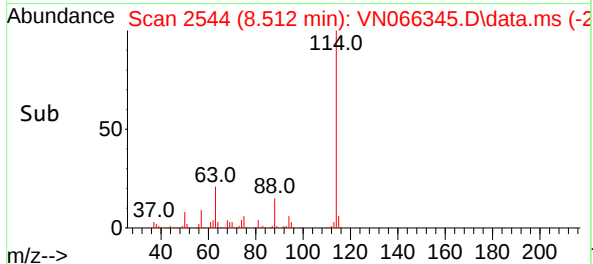
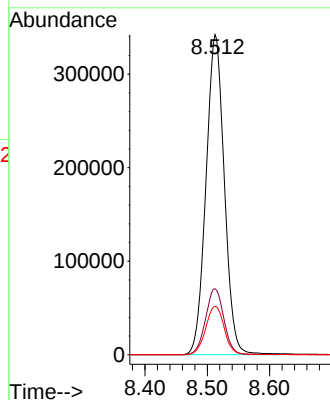
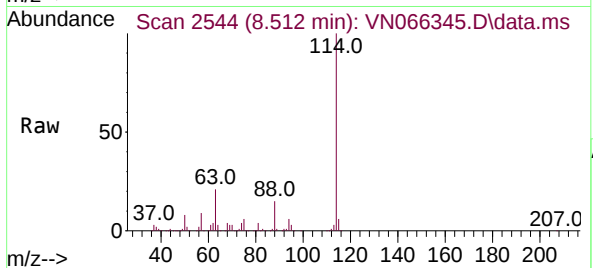
Tgt Ion:	114	Resp:	699997
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	42.0
88	15.1	0.0	31.0

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2021



#35

Dibromofluoromethane

Concen: 50.56 ug/l

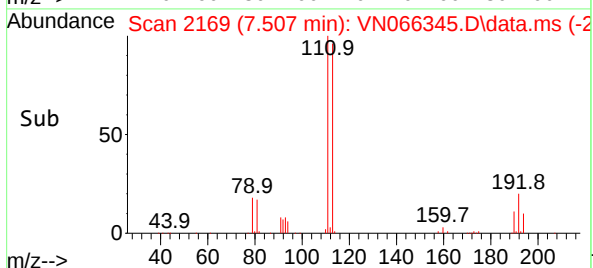
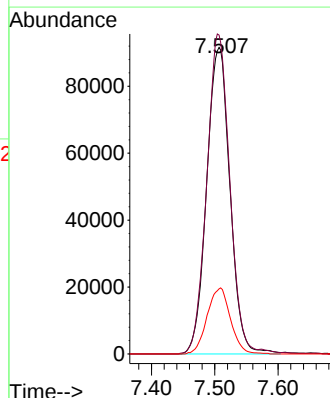
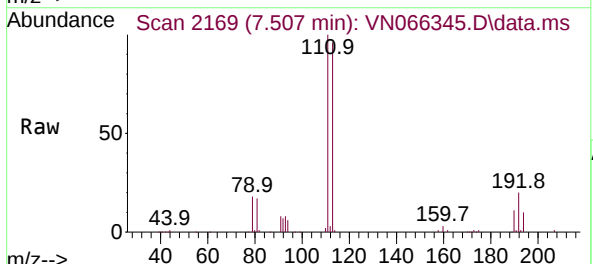
RT: 7.507 min Scan# 2169

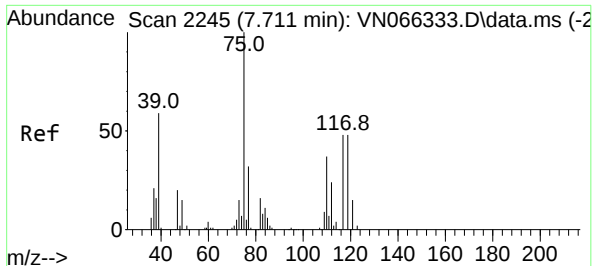
Delta R.T. -0.000 min

Lab File: VN066345.D

Acq: 26 Mar 2021 13:33

Tgt Ion:	113	Resp:	234617
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.8	122.8
192	21.6	17.1	25.7

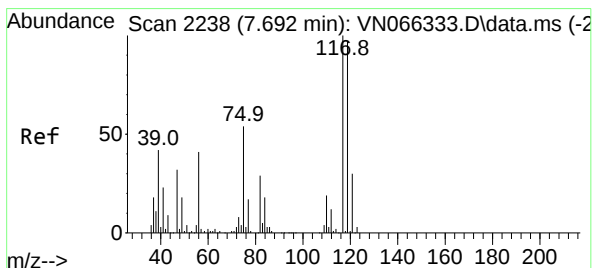
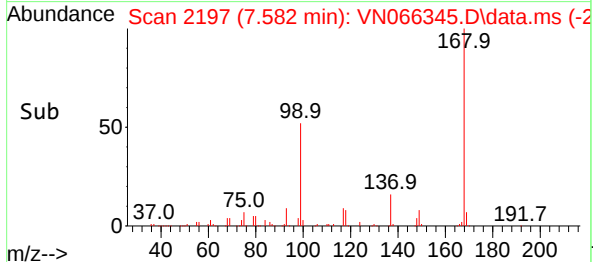
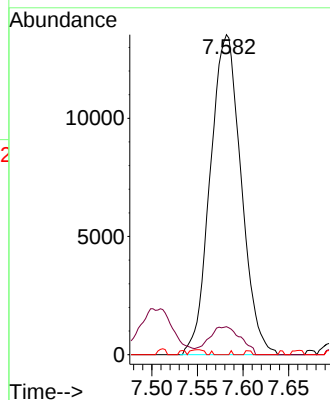
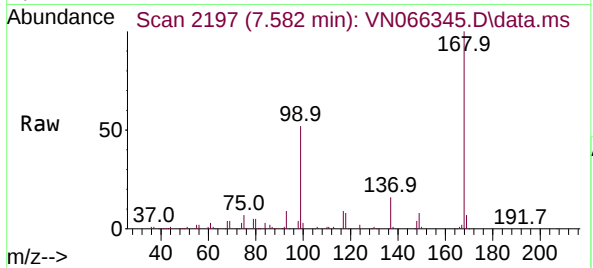




#36
1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.129 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

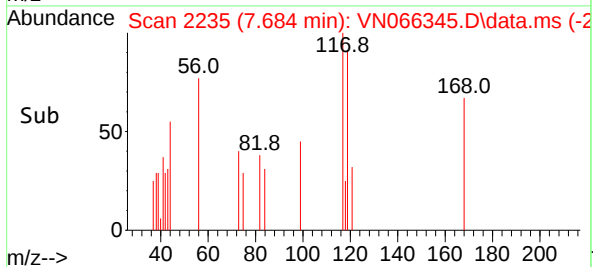
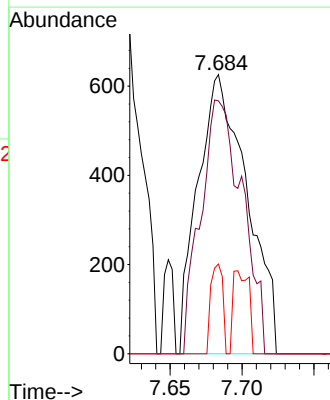
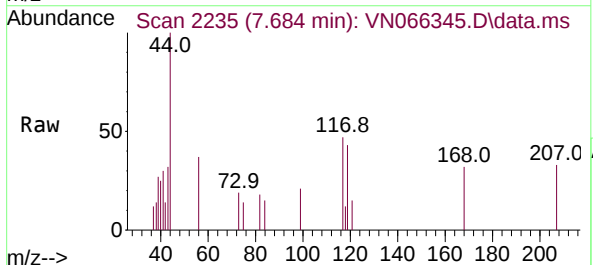
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

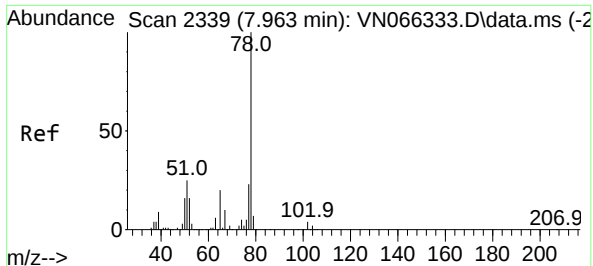
Tgt Ion: 75 Resp: 31909
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.3#
77 0.1 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 0.23 ug/l
RT: 7.684 min Scan# 2235
Delta R.T. -0.008 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 117 Resp: 1488
Ion Ratio Lower Upper
117 100
119 90.6 77.2 115.8
121 32.1 24.2 36.4

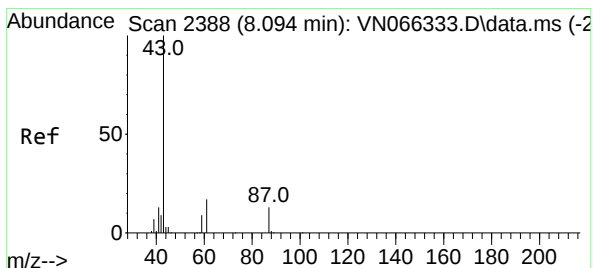
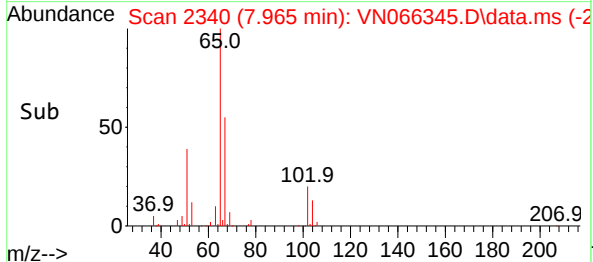
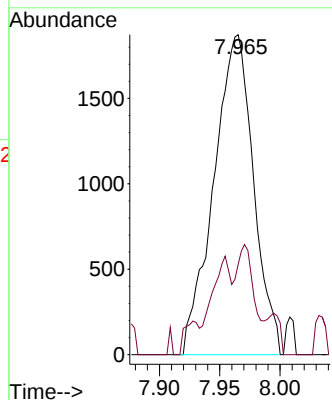
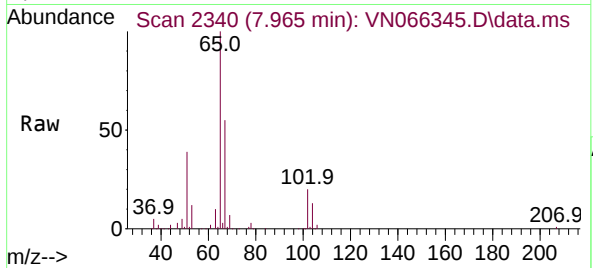




#40
Benzene
Concen: 0.22 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

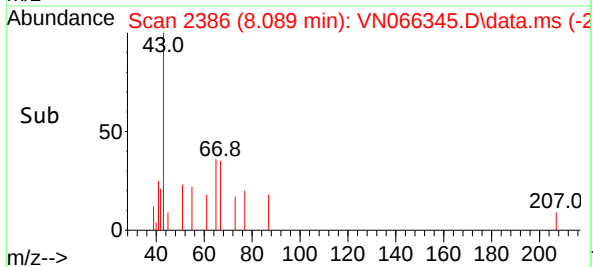
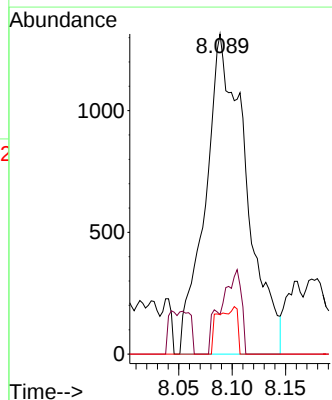
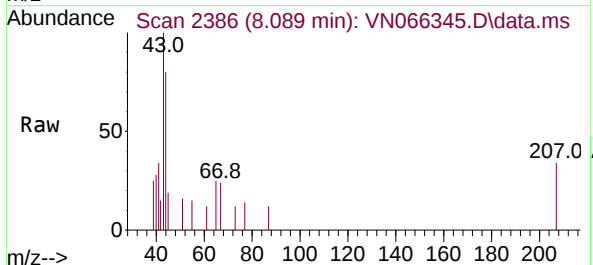
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

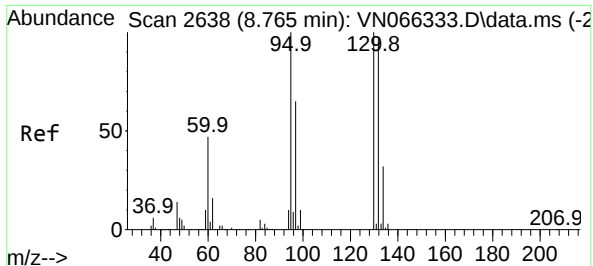
Tgt Ion: 78 Resp: 4303
Ion Ratio Lower Upper
78 100
77 28.1 18.7 28.1#



#43
Isopropyl Acetate
Concen: 0.28 ug/l
RT: 8.089 min Scan# 2386
Delta R.T. -0.005 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 43 Resp: 3487
Ion Ratio Lower Upper
43 100
61 13.2 15.5 23.3#
87 7.1 10.5 15.7#

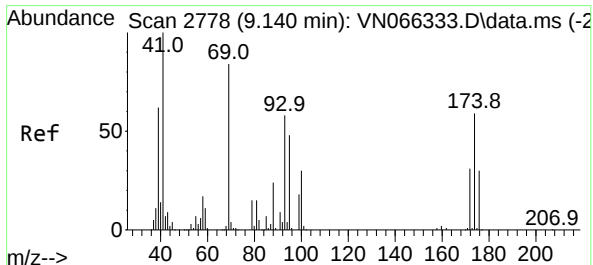
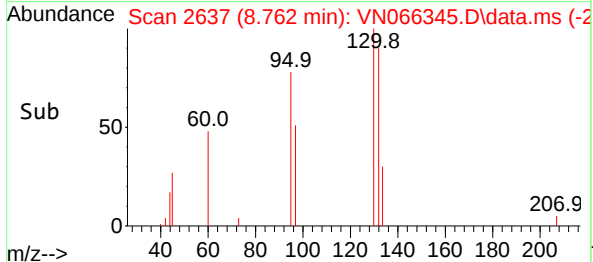
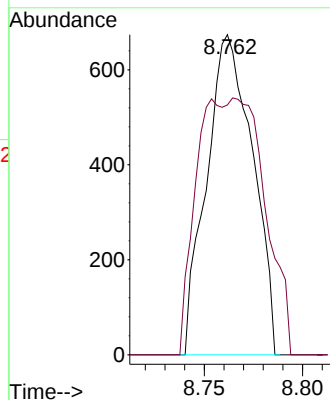
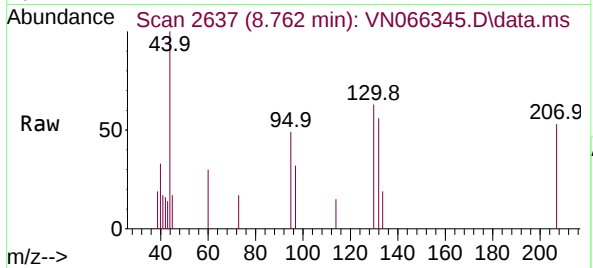




#44
Trichloroethene
Concen: 0.21 ug/l
RT: 8.762 min Scan# 2637
Delta R.T. -0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

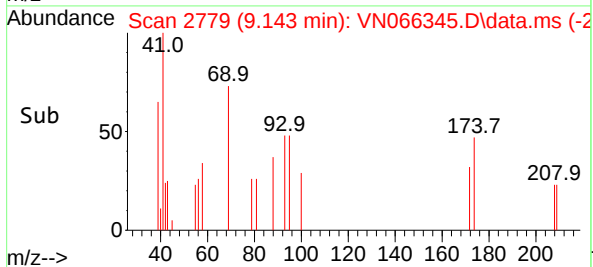
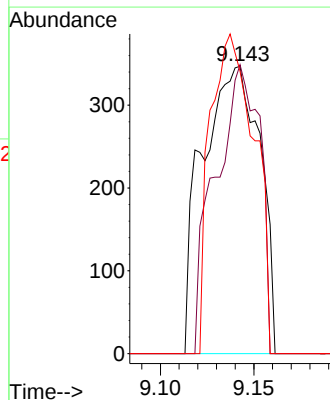
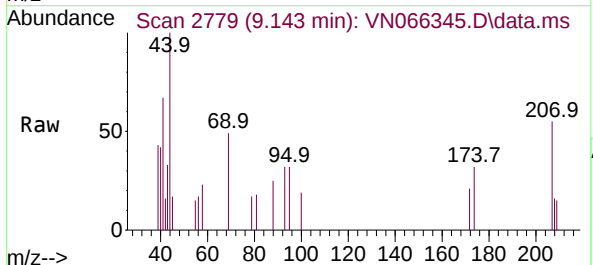
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

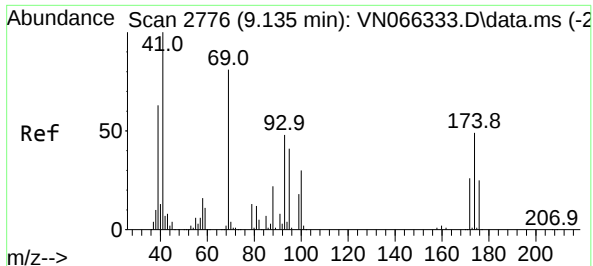
Tgt Ion:130 Resp: 1095
Ion Ratio Lower Upper
130 100
95 78.0 0.0 200.6



#46
Dibromomethane
Concen: 0.21 ug/l
RT: 9.143 min Scan# 2779
Delta R.T. 0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 93 Resp: 740
Ion Ratio Lower Upper
93 100
95 77.8 66.8 100.2
174 85.3 83.2 124.8





#48

Methyl methacrylate

Concen: 0.22 ug/l

RT: 9.129 min Scan# 2774

Delta R.T. -0.005 min

Lab File: VN066345.D

Acq: 26 Mar 2021 13:33

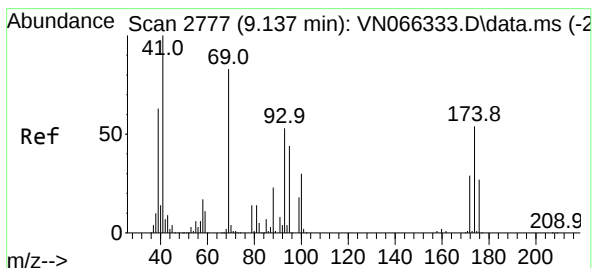
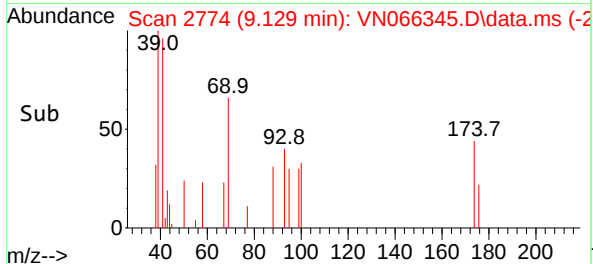
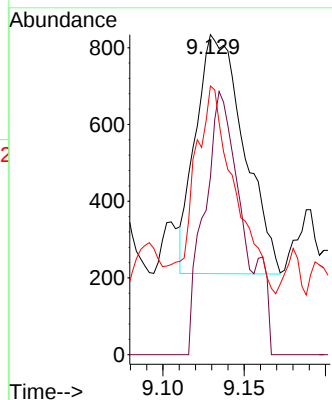
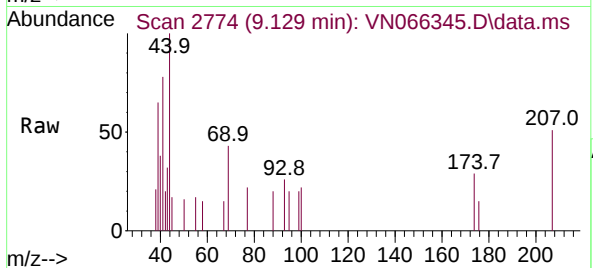
Tgt Ion:	41	Resp:	1282
Ion	Ratio	Lower	Upper
41	100		
69	80.2	66.2	99.4
39	89.8	51.5	77.3#

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2021



#49

1,4-Dioxane

Concen: 6.54 ug/l

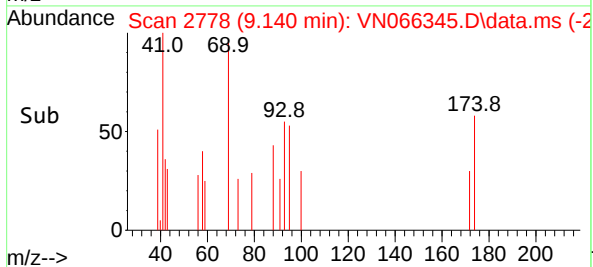
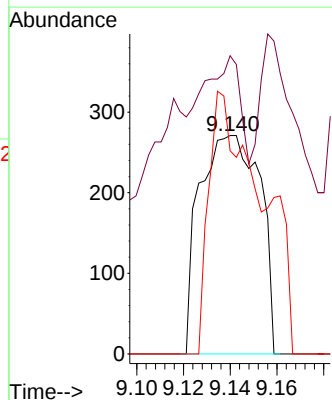
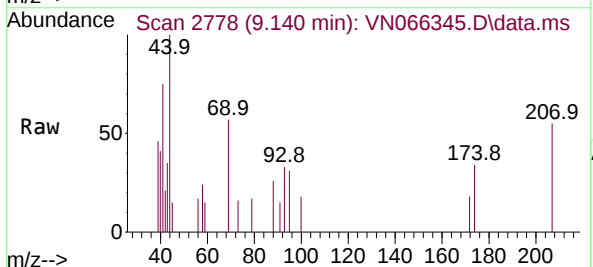
RT: 9.140 min Scan# 2778

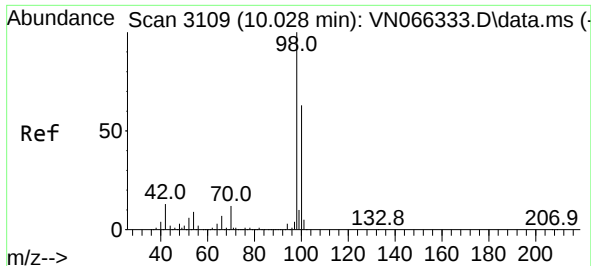
Delta R.T. 0.003 min

Lab File: VN066345.D

Acq: 26 Mar 2021 13:33

Tgt Ion:	88	Resp:	484
Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.2	42.4#
58	80.2	56.6	84.8

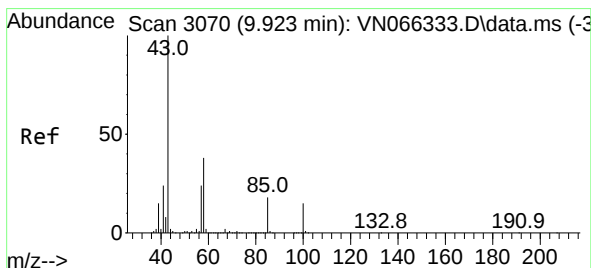
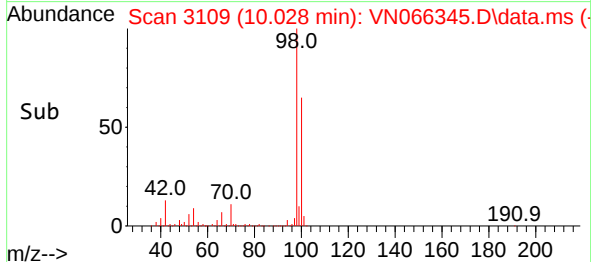
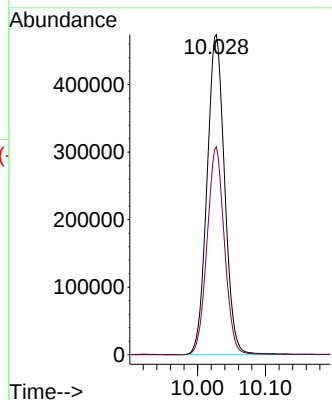
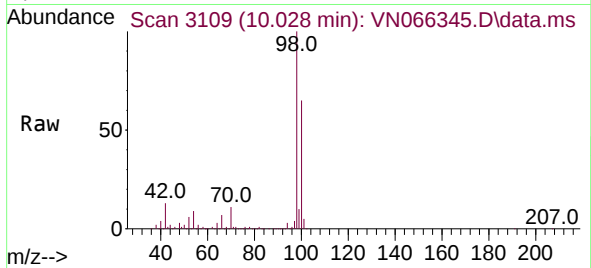




#50
Toluene-d8
Concen: 48.46 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

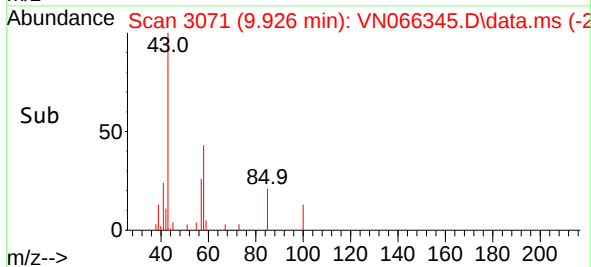
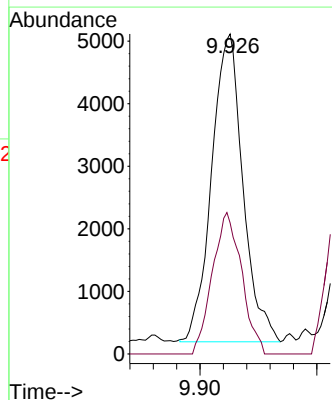
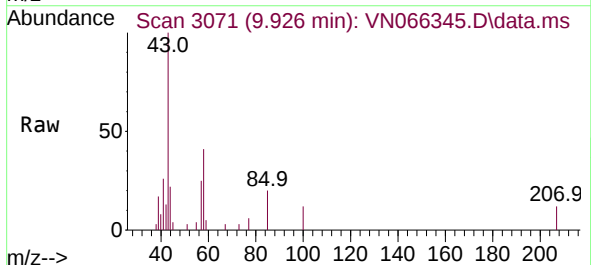
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

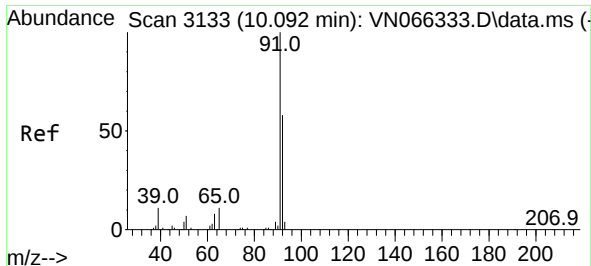
Tgt Ion: 98 Resp: 853045
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.27 ug/l
RT: 9.926 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 43 Resp: 9148
Ion Ratio Lower Upper
43 100
58 42.9 30.8 46.2

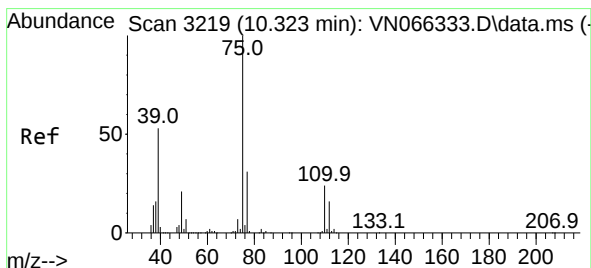
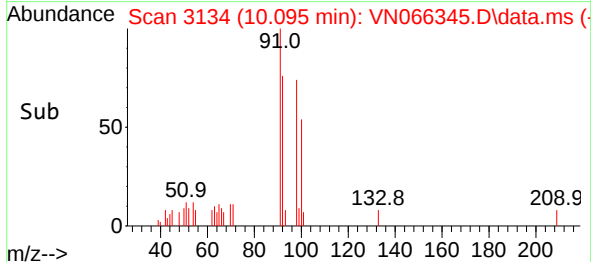
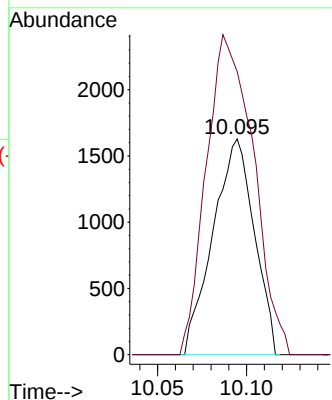
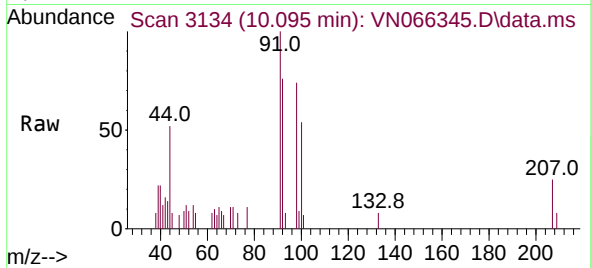




#52
Toluene
Concen: 0.22 ug/l
RT: 10.095 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

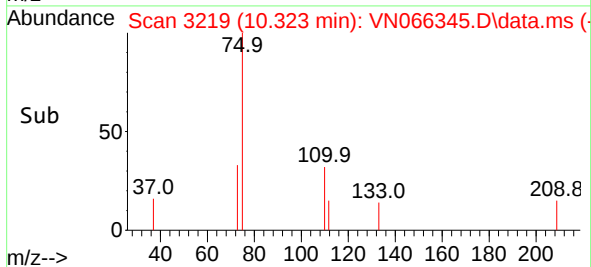
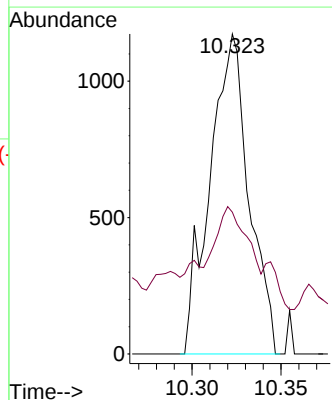
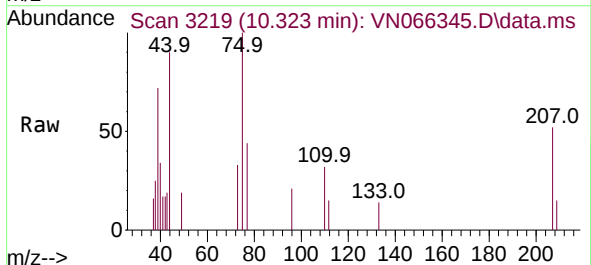
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

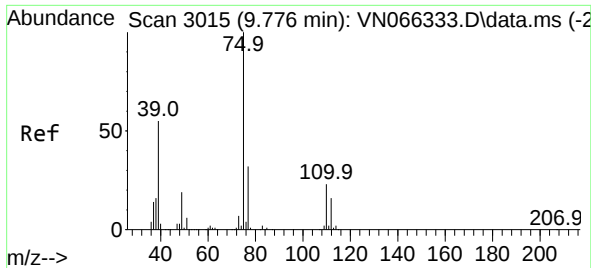
Tgt Ion: 92 Resp: 2629
Ion Ratio Lower Upper
92 100
91 168.8 138.8 208.2



#53
t-1,3-Dichloropropene
Concen: 0.23 ug/l
RT: 10.323 min Scan# 3219
Delta R.T. -0.000 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 75 Resp: 1787
Ion Ratio Lower Upper
75 100
77 24.8 25.0 37.6#

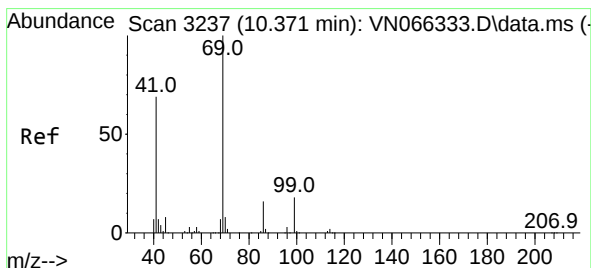
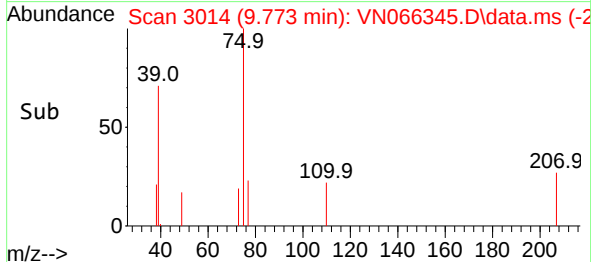
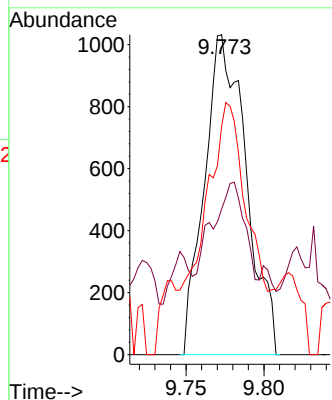
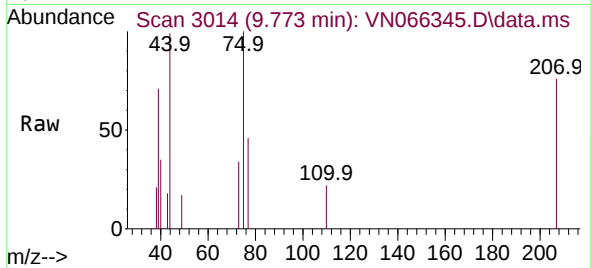




#54
 cis-1,3-Dichloropropene
 Concen: 0.23 ug/l
 RT: 9.773 min Scan# 3014
 Delta R.T. -0.003 min
 Lab File: VN066345.D
 Acq: 26 Mar 2021 13:33

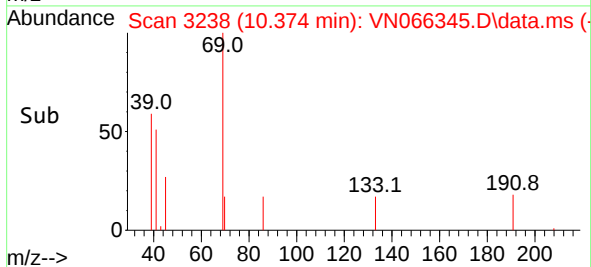
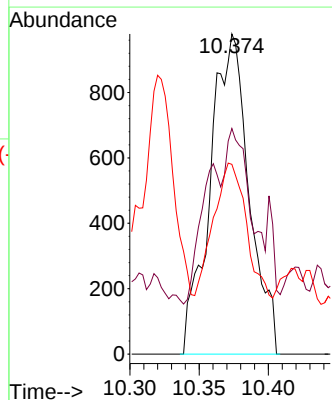
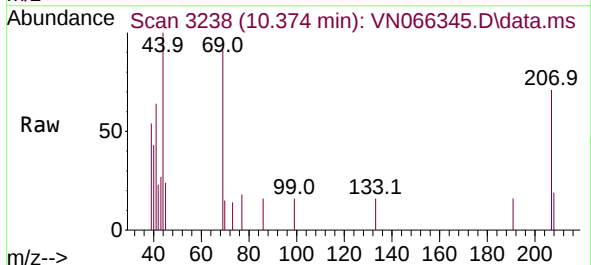
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

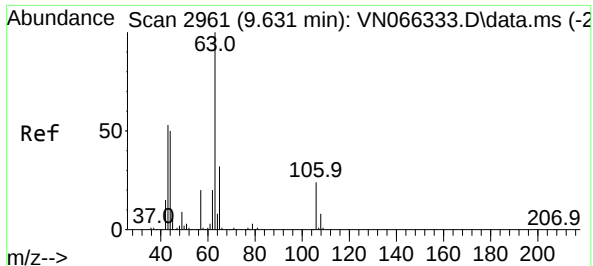
Tgt Ion:	75	Resp:	1923
Ion	Ratio	Lower	Upper
75	100		
77	25.0	25.4	38.2#
39	51.3	44.2	66.4



#56
 Ethyl methacrylate
 Concen: 0.26 ug/l
 RT: 10.374 min Scan# 3238
 Delta R.T. 0.003 min
 Lab File: VN066345.D
 Acq: 26 Mar 2021 13:33

Tgt Ion:	69	Resp:	1922
Ion	Ratio	Lower	Upper
69	100		
41	20.2	55.3	82.9#
39	36.7	33.8	50.6

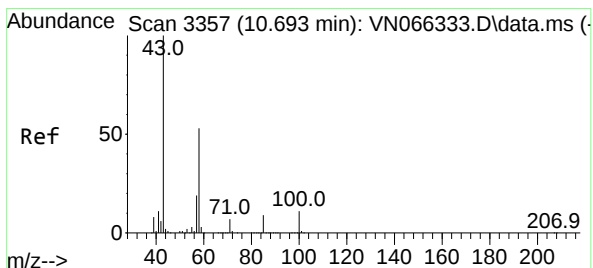
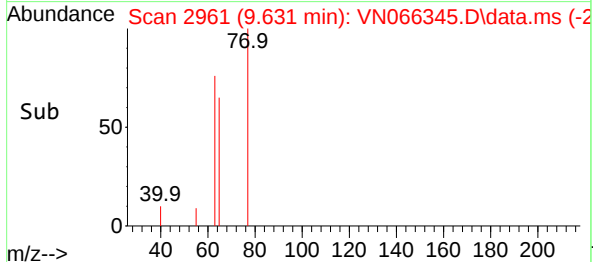
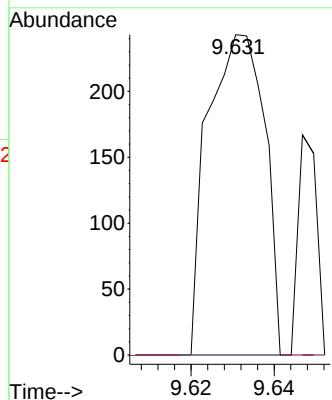
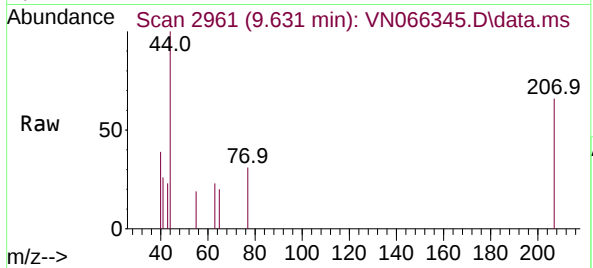




#58
2-Chloroethyl Vinyl ether
Concen: 25.85 ug/l
RT: 9.631 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

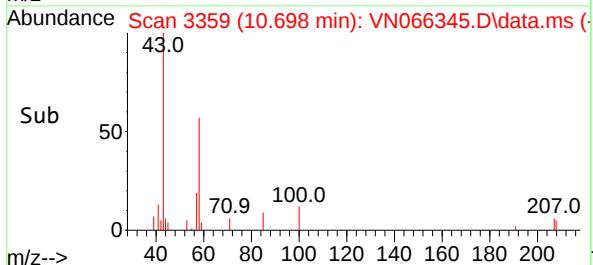
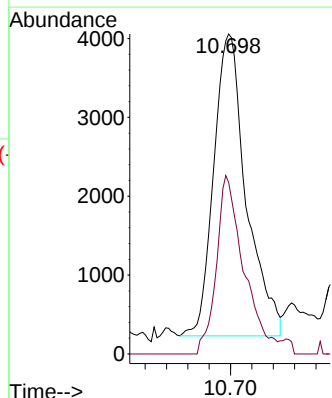
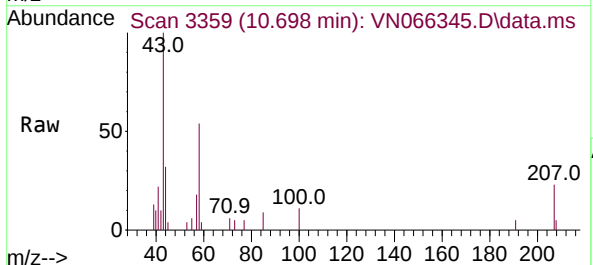
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

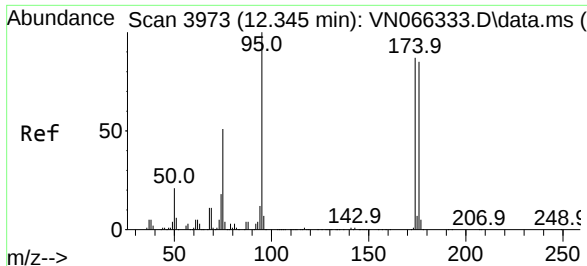
Tgt Ion: 63 Resp: 230
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.4#



#59
2-Hexanone
Concen: 1.60 ug/l
RT: 10.698 min Scan# 3359
Delta R.T. 0.005 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 43 Resp: 8101
Ion Ratio Lower Upper
43 100
58 49.7 26.6 79.8

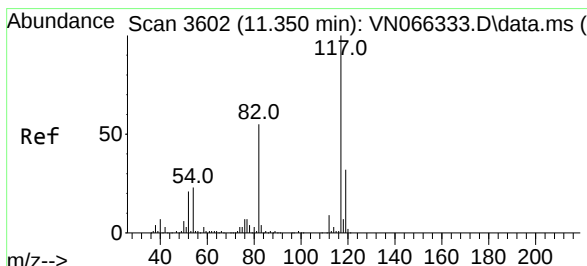
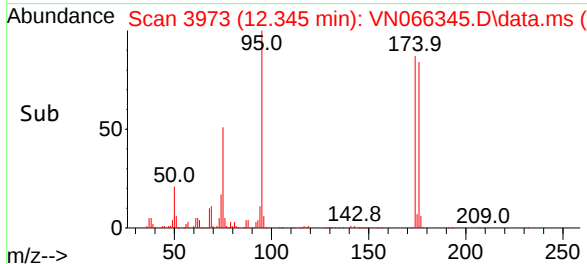
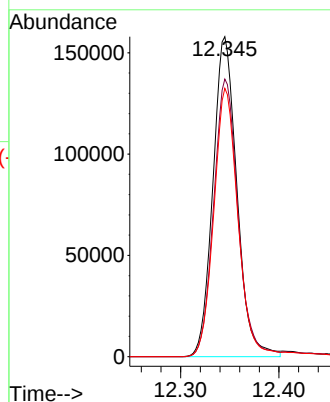
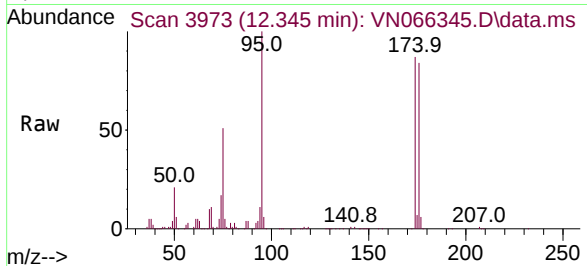




#62
4-Bromofluorobenzene
Concen: 43.75 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

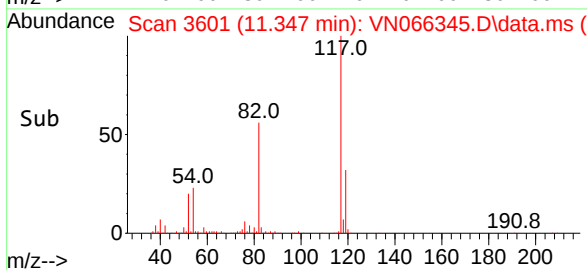
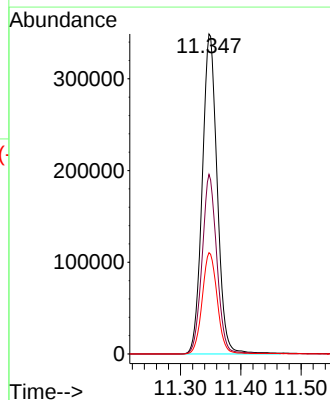
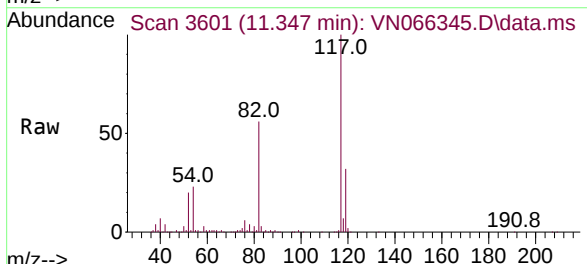
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

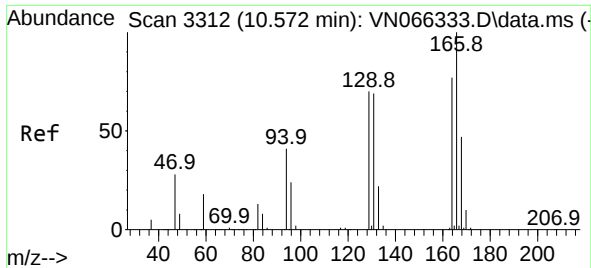
Tgt Ion: 95 Resp: 267501
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.2
176 86.3 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

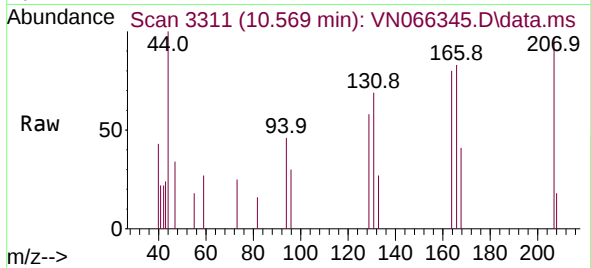
Tgt Ion: 117 Resp: 602047
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.4
119 31.7 25.8 38.6



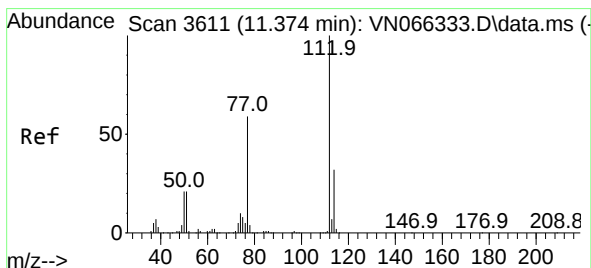
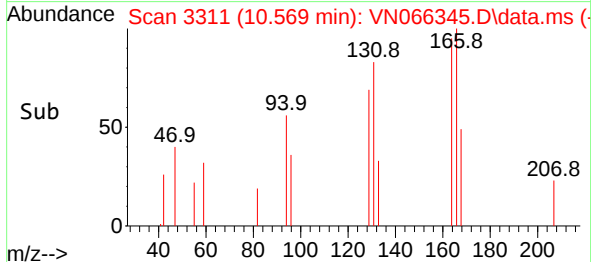
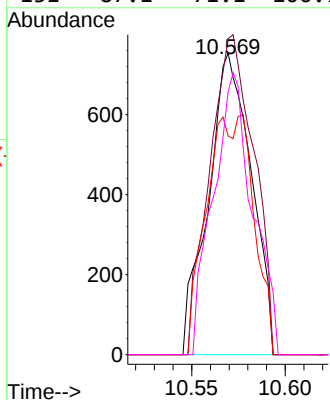


#64
Tetrachloroethene
Concen: 0.24 ug/l
RT: 10.569 min Scan# 3311
Delta R.T. -0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

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

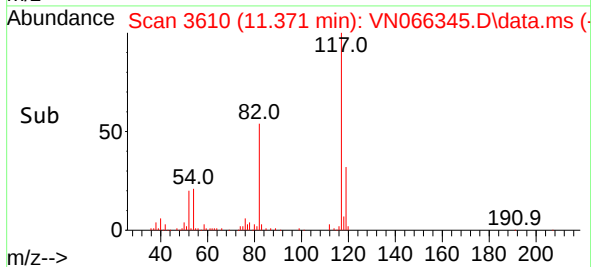
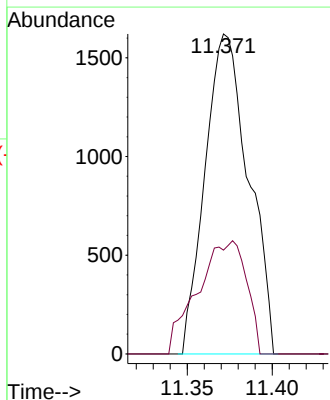
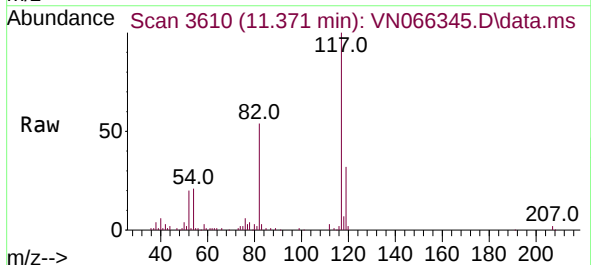


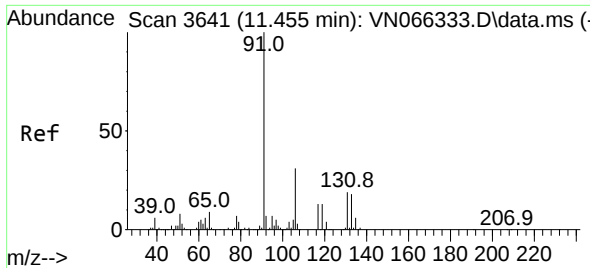
Tgt Ion:	164	Resp:	1205
Ion	Ratio	Lower	Upper
164	100		
166	104.8	103.3	154.9
129	72.5	72.5	108.7
131	87.1	71.1	106.7



#65
Chlorobenzene
Concen: 0.24 ug/l
RT: 11.371 min Scan# 3610
Delta R.T. -0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion:	112	Resp:	2885
Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.7	38.5

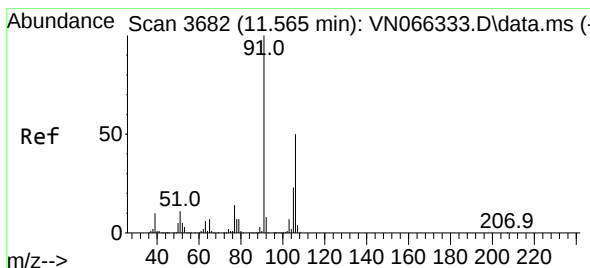
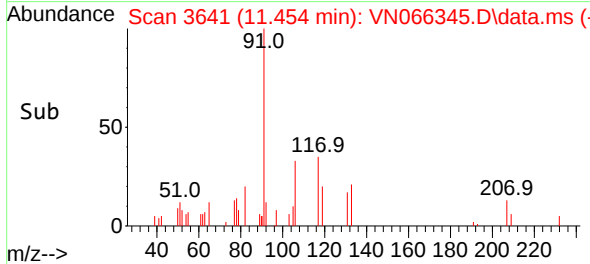
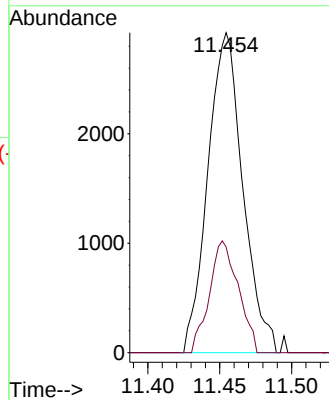
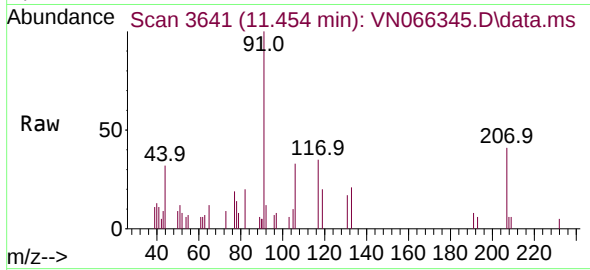




#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 11.454 min Scan# 3641
Delta R.T. -0.000 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

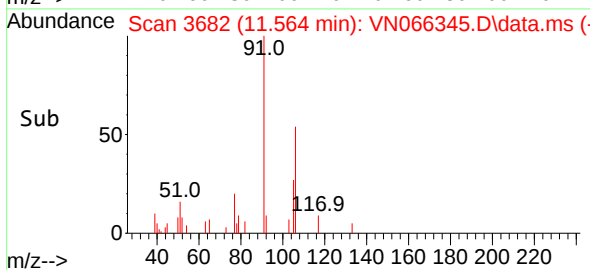
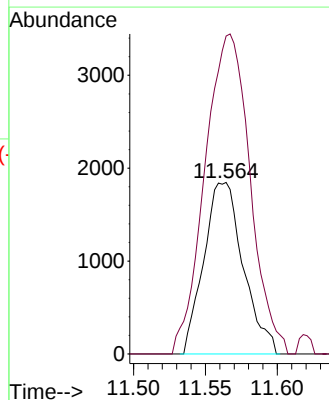
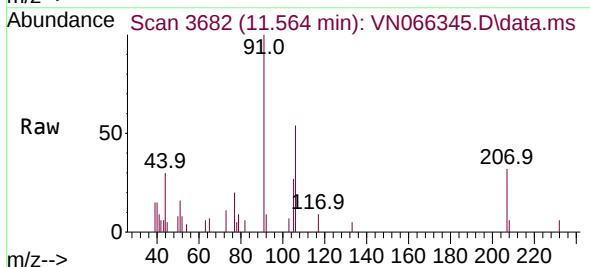
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

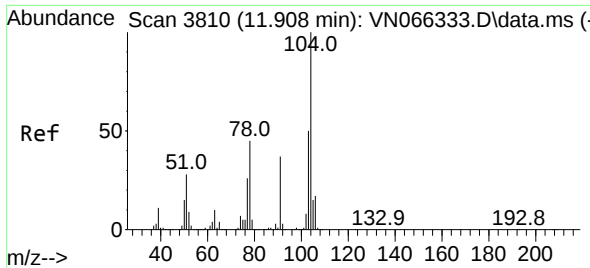
Tgt Ion: 91 Resp: 4940
Ion Ratio Lower Upper
91 100
106 33.0 24.7 37.1



#68
m/p-Xylenes
Concen: 0.42 ug/l
RT: 11.564 min Scan# 3682
Delta R.T. -0.000 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion:106 Resp: 3515
Ion Ratio Lower Upper
106 100
91 213.9 162.7 244.1

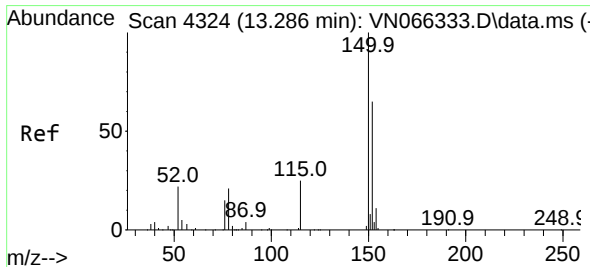
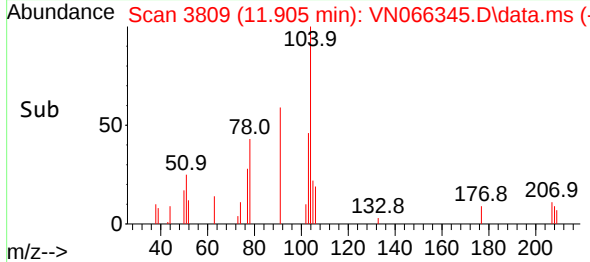
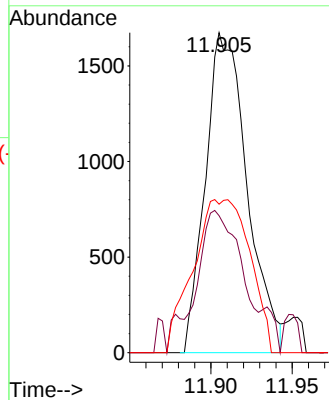
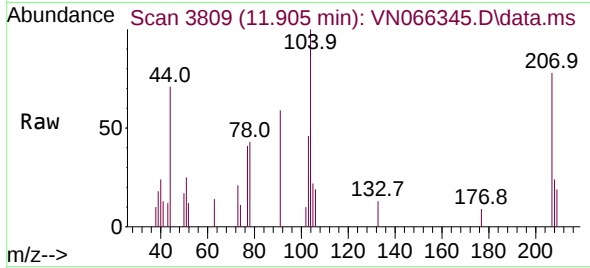




#70
Styrene
Concen: 0.23 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

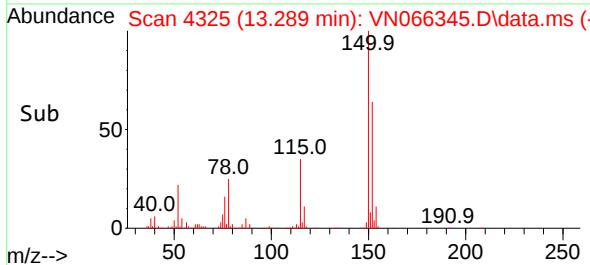
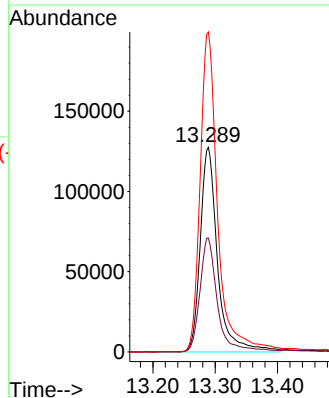
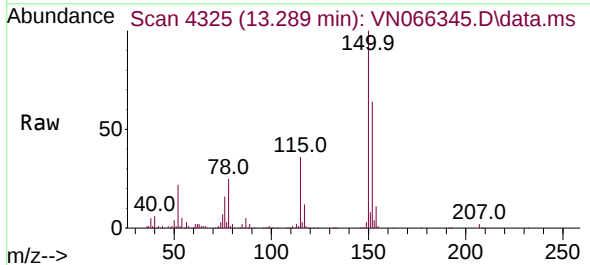
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

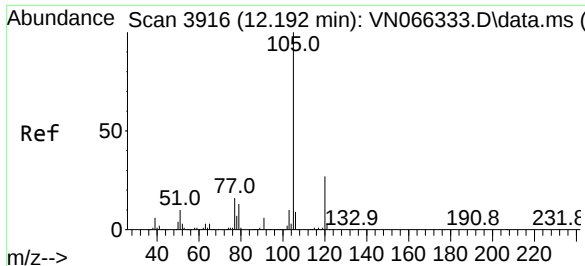
Tgt Ion:104	Resp:	2985
Ion Ratio	Lower	Upper
104	100	
78	33.4	40.7 61.1#
103	32.1	44.2 66.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion:152	Resp:	246809
Ion Ratio	Lower	Upper
152	100	
115	55.2	27.8 83.4
150	158.8	0.0 348.4

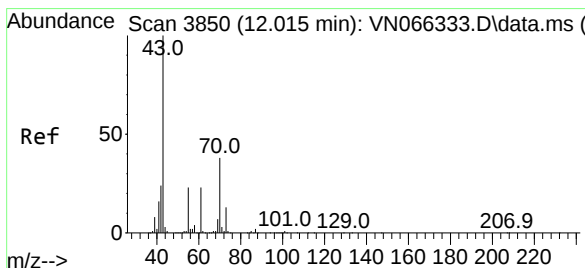
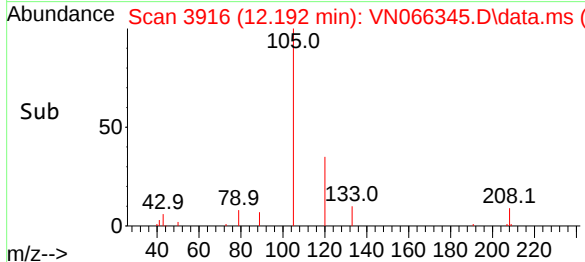
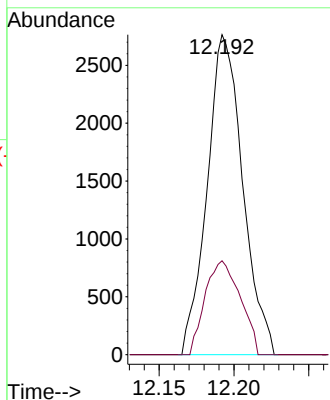
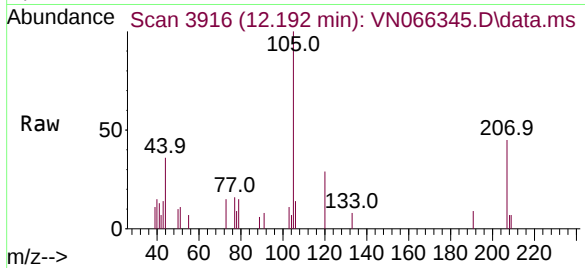




#73
Isopropylbenzene
Concen: 0.25 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

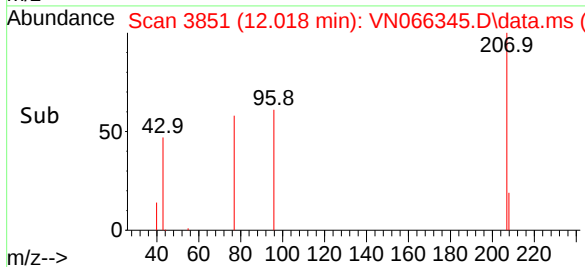
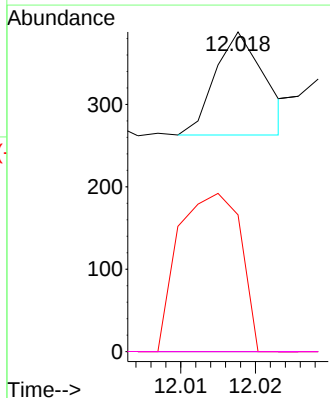
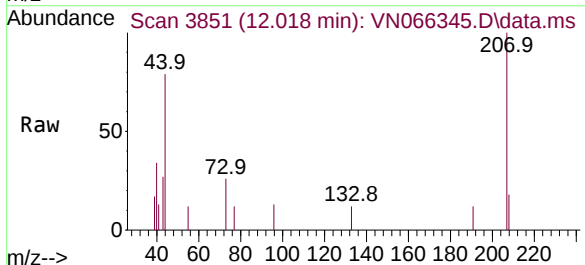
Instrument :
MSVOA_N
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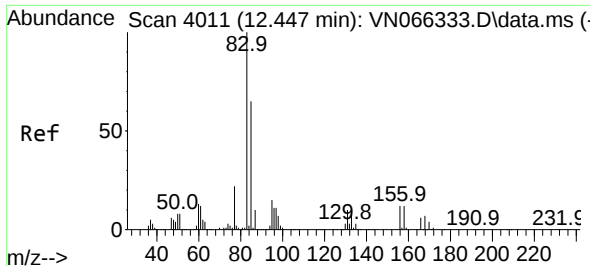
Tgt Ion:105 Resp: 4574
Ion Ratio Lower Upper
105 100
120 29.0 13.3 39.8



#74
N-ethyl acetate
Concen: 3.20 ug/l
RT: 12.018 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 194.7 18.6 28.0#
61 0.0 18.2 27.4#

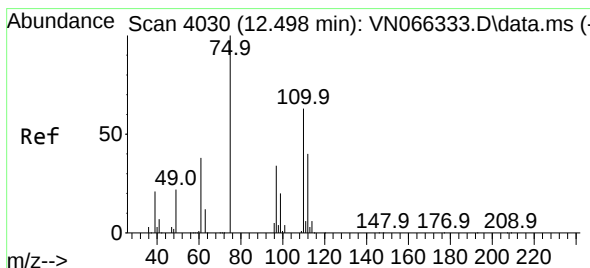
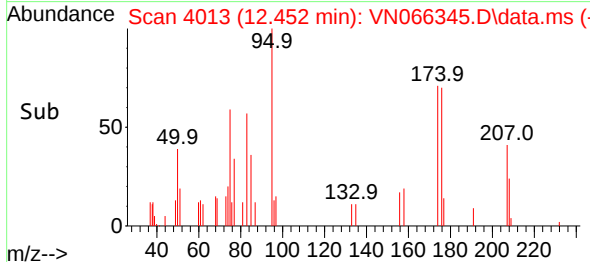
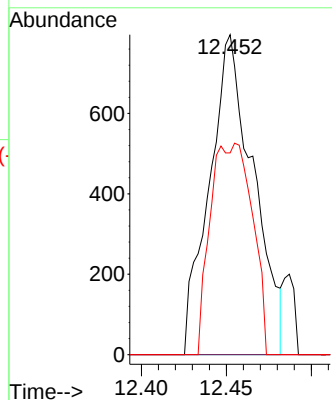
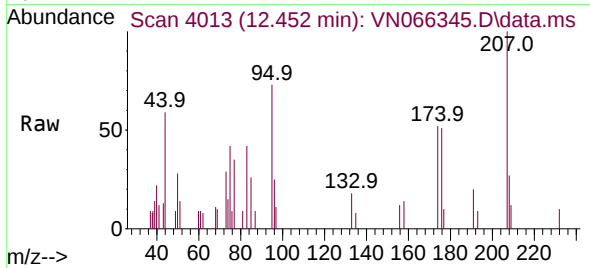




#75
1,1,2,2-Tetrachloroethane
Concen: 0.25 ug/l
RT: 12.452 min Scan# 4013
Delta R.T. 0.005 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

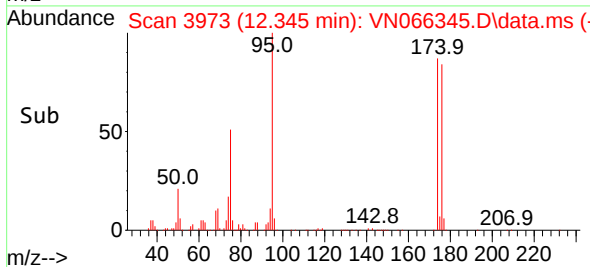
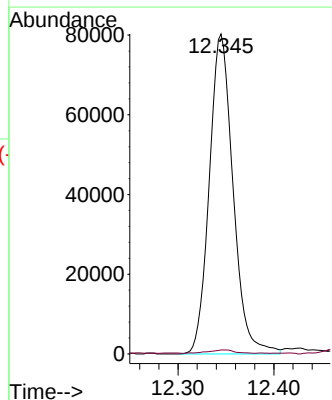
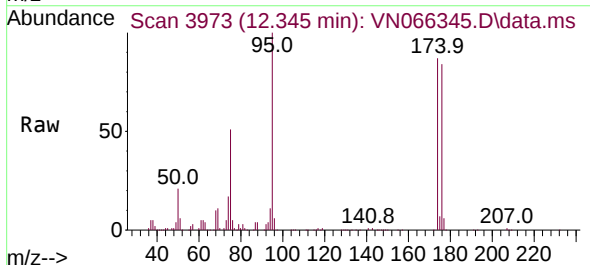
Instrument :
MSVOA_N
ClientSampleId :
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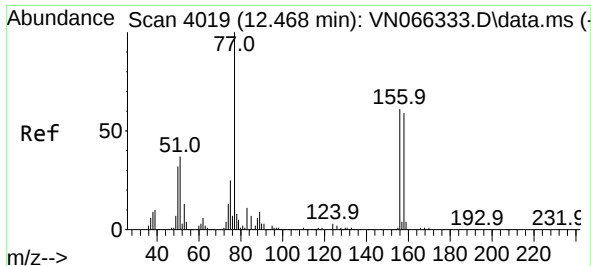
Tgt Ion: 83 Resp: 1435
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 26.6 33.8 101.3#



#76
1,2,3-Trichloropropane
Concen: 25.57 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 75 Resp: 138465
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

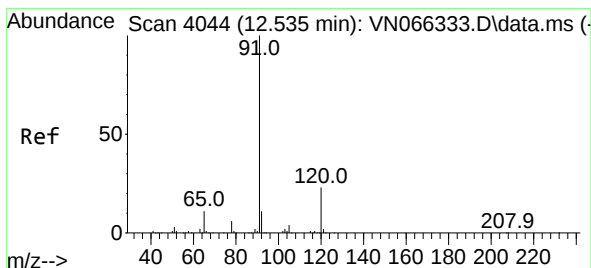
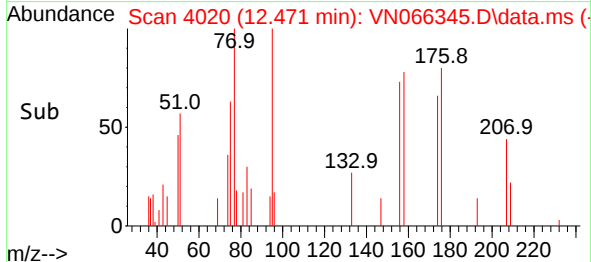
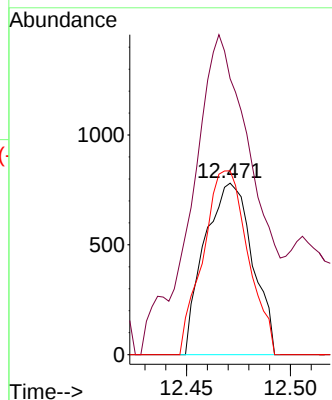
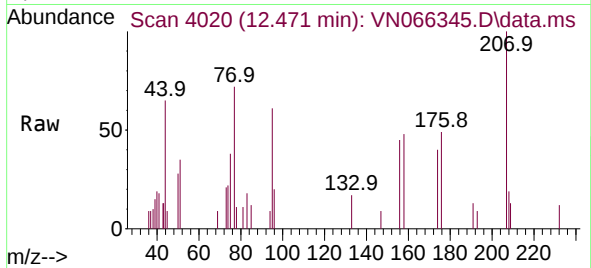




#77
Bromobenzene
Concen: 0.27 ug/l
RT: 12.471 min Scan# 4020
Delta R.T. 0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

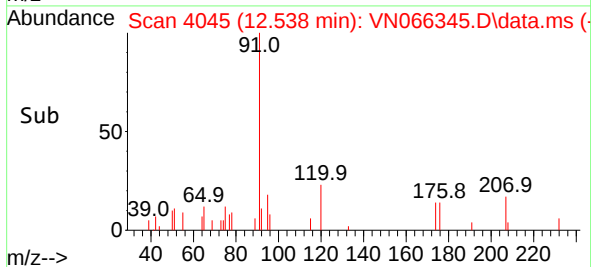
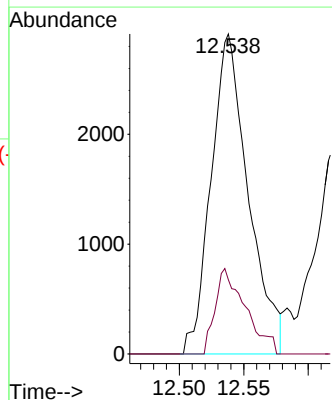
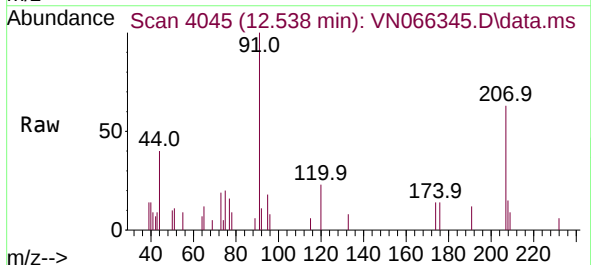
Instrument :
MSVOA_N
ClientSampleId :
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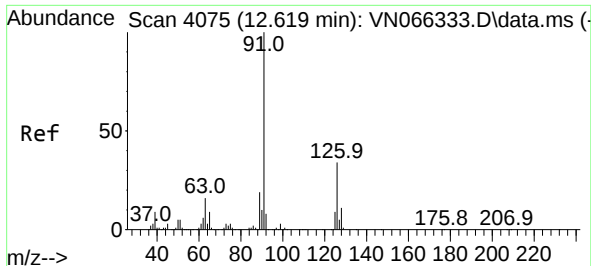
Tgt Ion:156 Resp: 1250
Ion Ratio Lower Upper
156 100
77 241.6 99.7 299.1
158 100.9 48.8 146.3



#78
n-propylbenzene
Concen: 0.29 ug/l
RT: 12.538 min Scan# 4045
Delta R.T. 0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 91 Resp: 5845
Ion Ratio Lower Upper
91 100
120 21.8 11.7 35.1

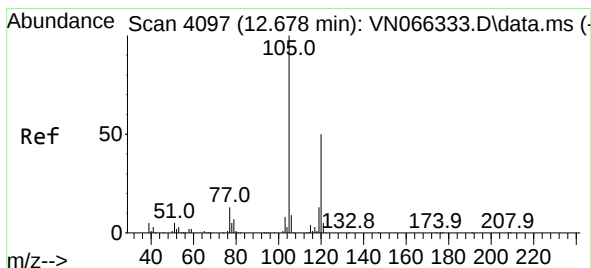
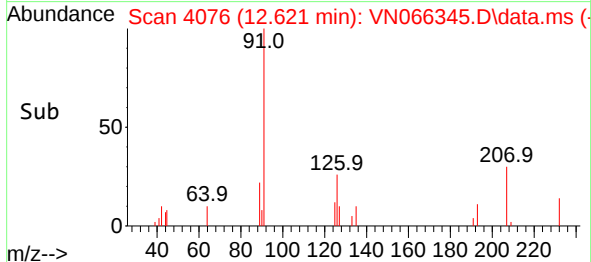
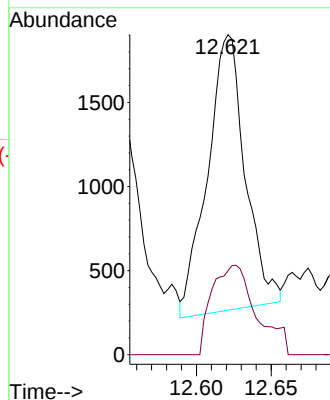
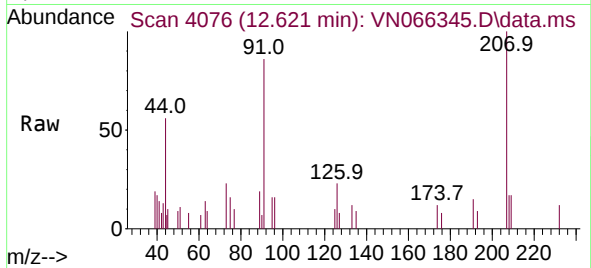




#79
2-Chlorotoluene
Concen: 0.23 ug/l
RT: 12.621 min Scan# 4076
Delta R.T. 0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

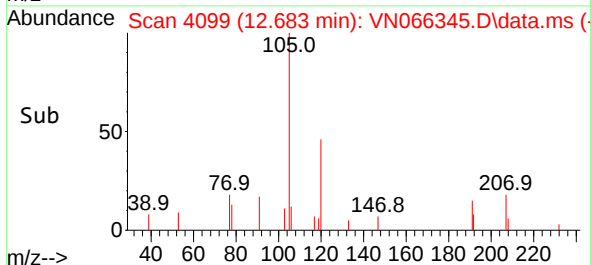
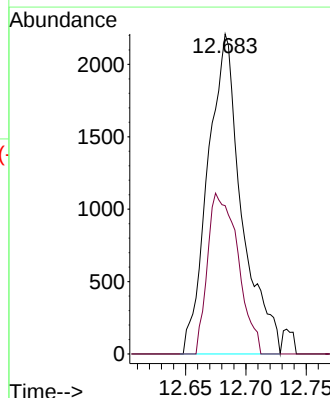
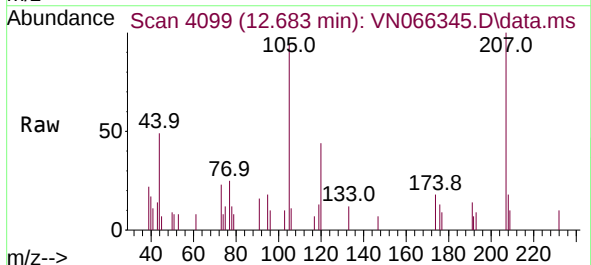
Instrument :
MSVOA_N
ClientSampleId :
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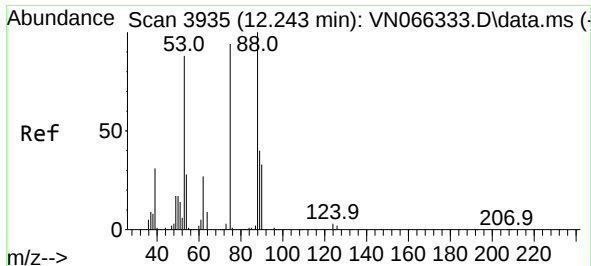
Tgt Ion: 91 Resp: 2878
Ion Ratio Lower Upper
91 100
126 38.3 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 0.29 ug/l
RT: 12.683 min Scan# 4099
Delta R.T. 0.005 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 105 Resp: 4305
Ion Ratio Lower Upper
105 100
120 45.2 24.5 73.5

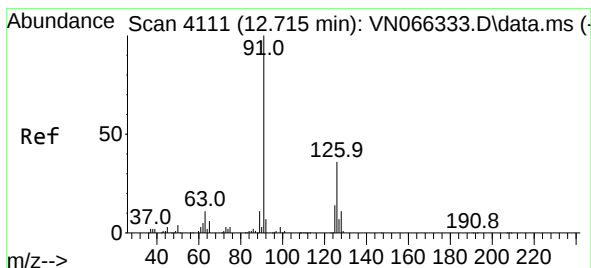
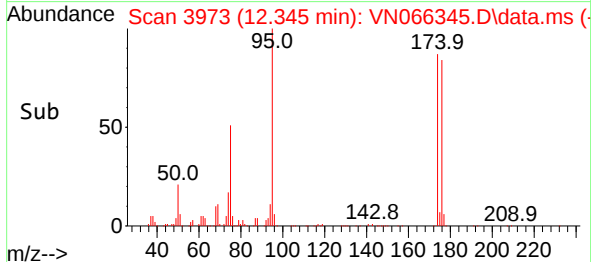
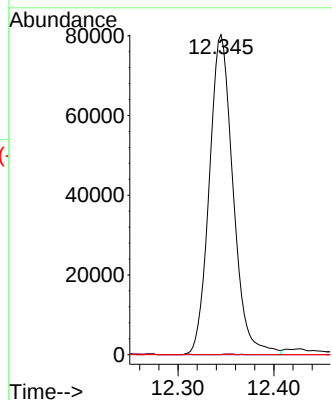
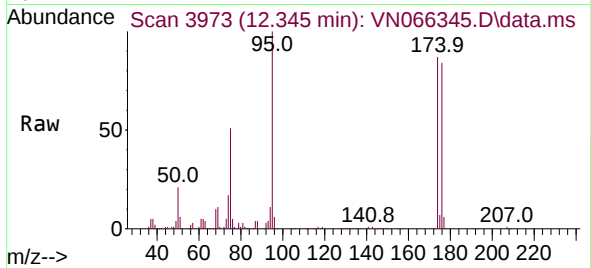




#81
trans-1,4-Dichloro-2-butene
Concen: 76.89 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

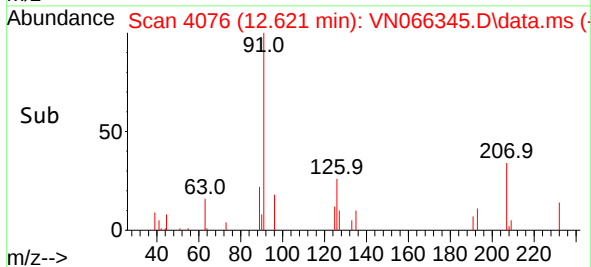
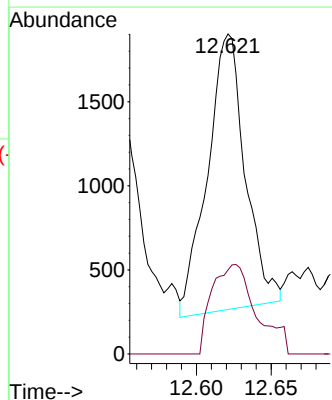
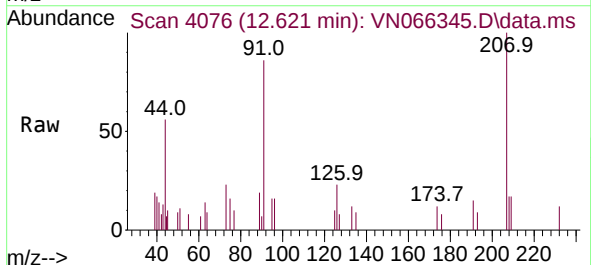
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

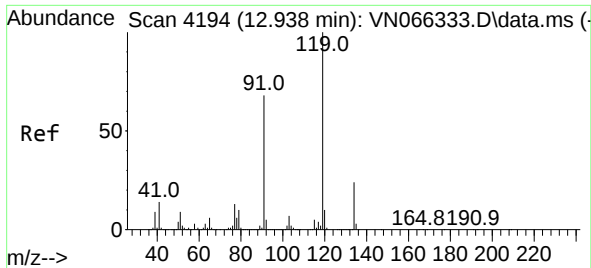
Tgt Ion: 75 Resp: 138465
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 0.24 ug/l
RT: 12.621 min Scan# 4076
Delta R.T. -0.094 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 91 Resp: 2878
Ion Ratio Lower Upper
91 100
126 38.3 16.6 49.8

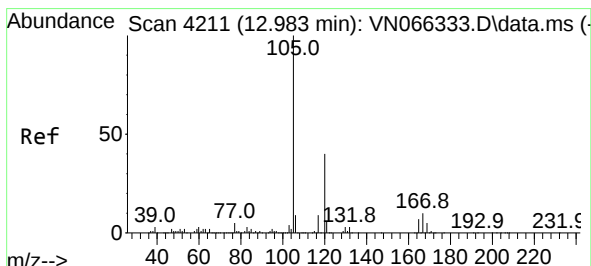
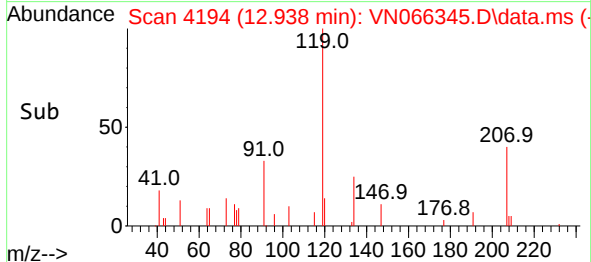
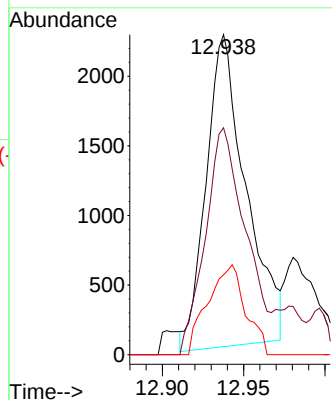
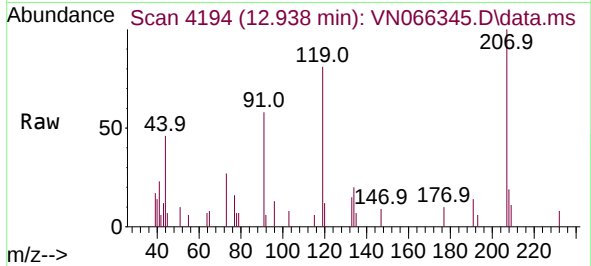




#83
tert-Butylbenzene
Concen: 0.30 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. -0.000 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

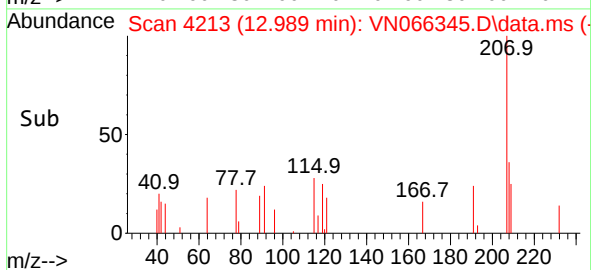
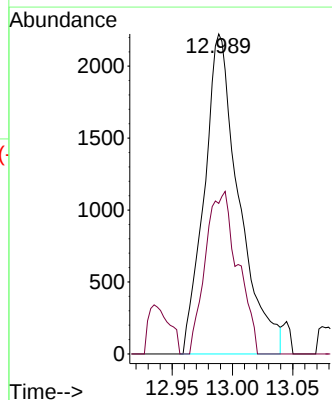
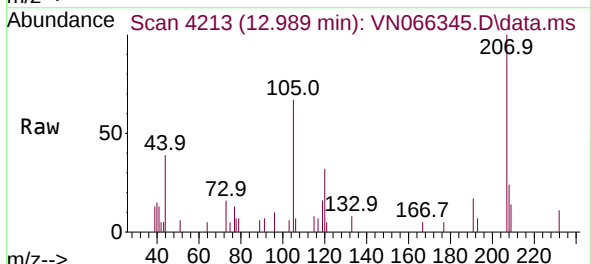
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

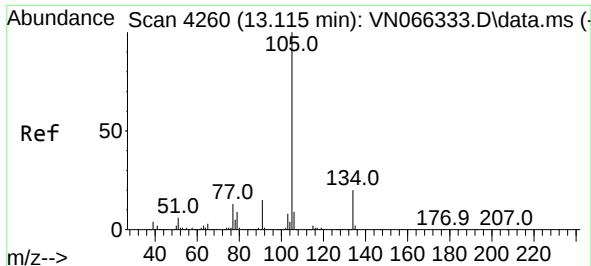
Tgt Ion:	119	Resp:	3827
Ion	Ratio	Lower	Upper
119	100		
91	73.9	33.3	99.8
134	27.2	12.9	38.6



#84
1,2,4-Trimethylbenzene
Concen: 0.30 ug/l
RT: 12.989 min Scan# 4213
Delta R.T. 0.005 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion:	105	Resp:	4441
Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.1	69.2

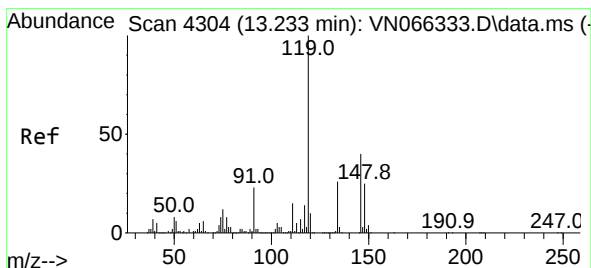
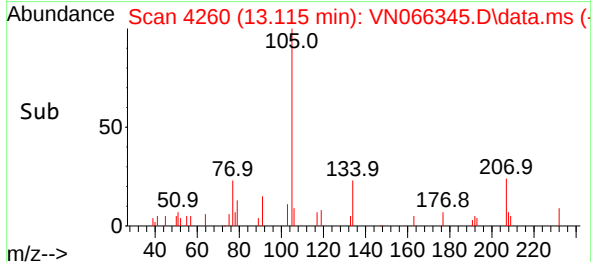
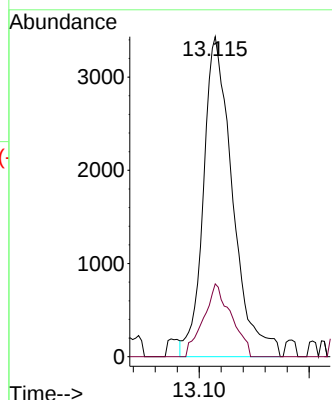
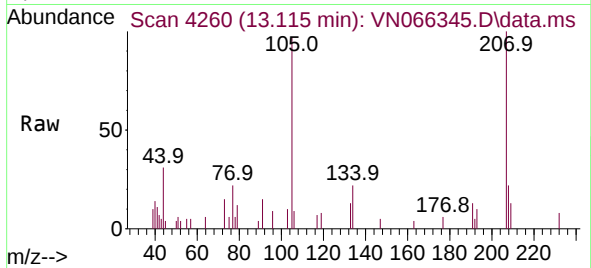




#85
 sec-Butylbenzene
 Concen: 0.38 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. -0.000 min
 Lab File: VN066345.D
 Acq: 26 Mar 2021 13:33

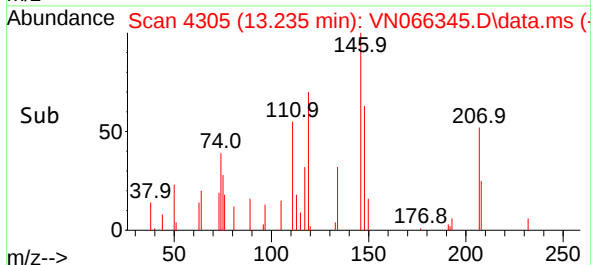
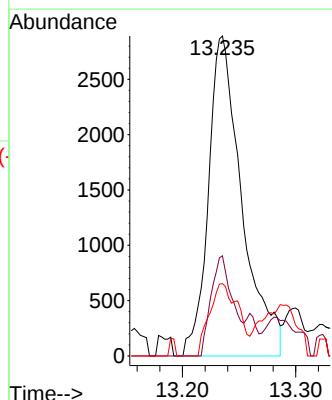
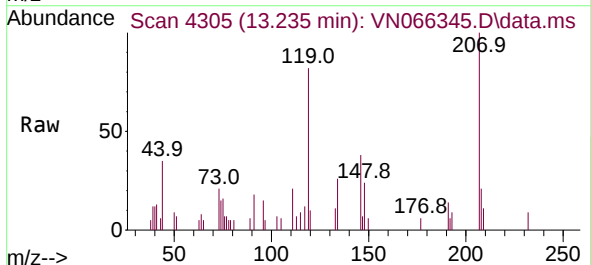
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

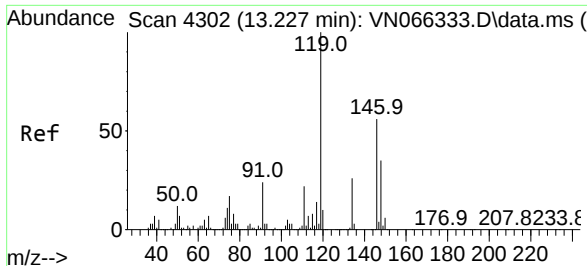
Tgt Ion:105 Resp: 6326
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 0.40 ug/l
 RT: 13.235 min Scan# 4305
 Delta R.T. 0.003 min
 Lab File: VN066345.D
 Acq: 26 Mar 2021 13:33

Tgt Ion:119 Resp: 5952
 Ion Ratio Lower Upper
 119 100
 134 20.5 12.9 38.7
 91 19.6 11.5 34.5

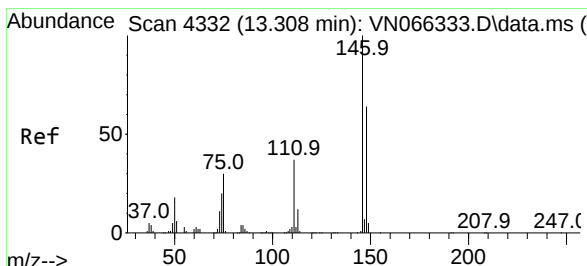
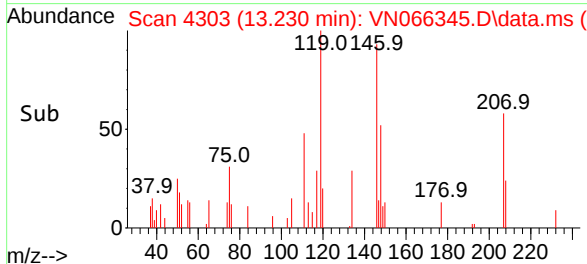
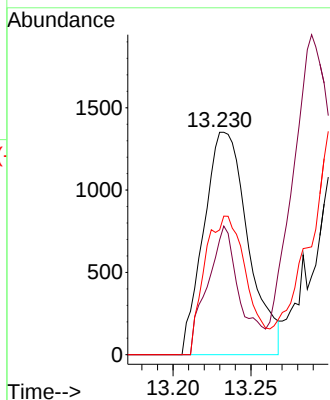
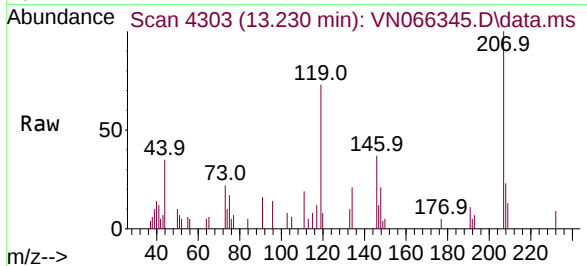




#87
1,3-Dichlorobenzene
Concen: 0.34 ug/l
RT: 13.230 min Scan# 4303
Delta R.T. 0.003 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

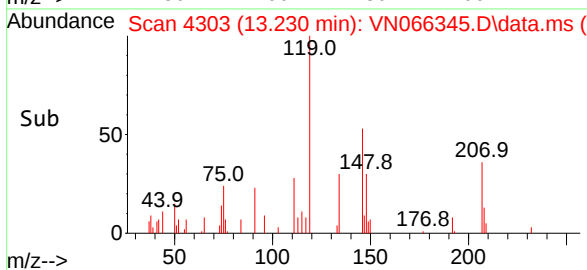
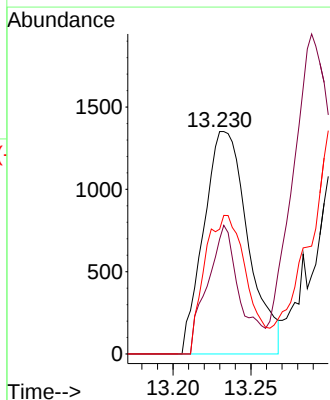
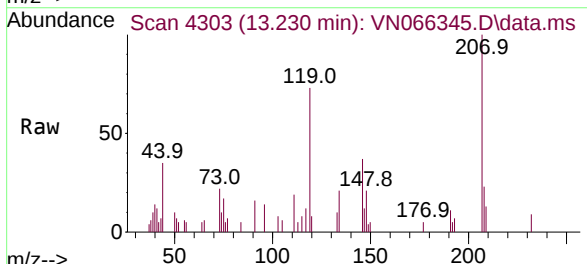
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

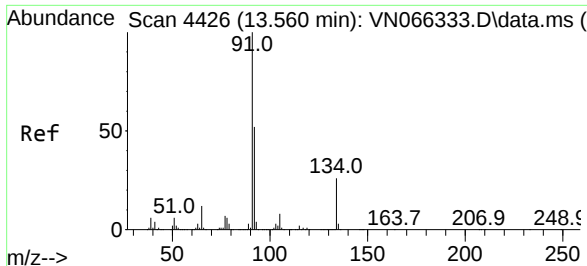
Tgt Ion:146 Resp: 2680
Ion Ratio Lower Upper
146 100
111 42.9 19.4 58.1
148 59.1 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 0.33 ug/l
RT: 13.230 min Scan# 4303
Delta R.T. -0.078 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion:146 Resp: 2680
Ion Ratio Lower Upper
146 100
111 42.9 18.3 54.9
148 59.1 31.9 95.9

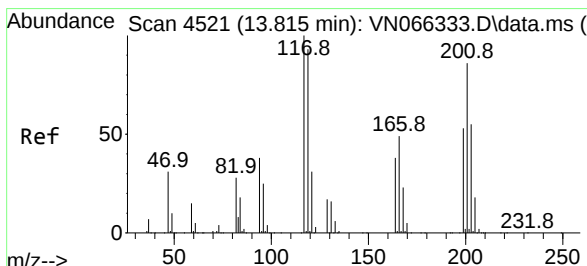
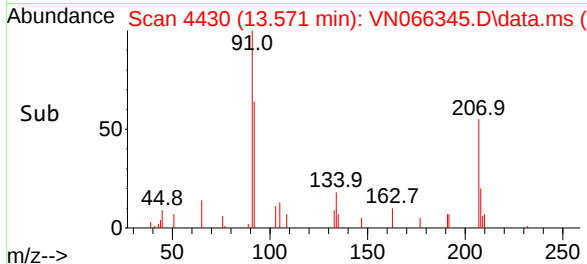
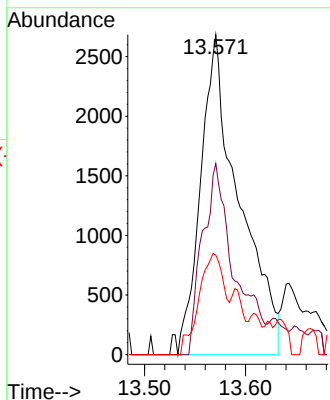
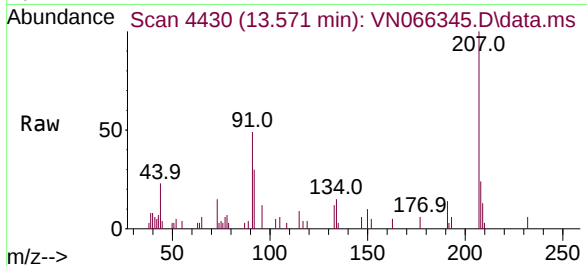




#89
n-Butylbenzene
Concen: 0.57 ug/l
RT: 13.571 min Scan# 4430
Delta R.T. 0.011 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

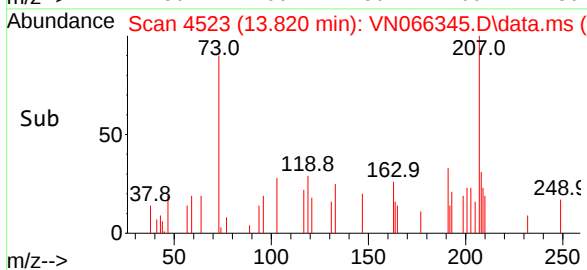
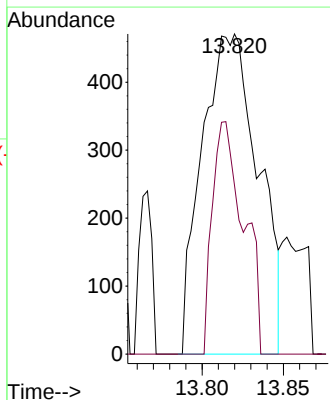
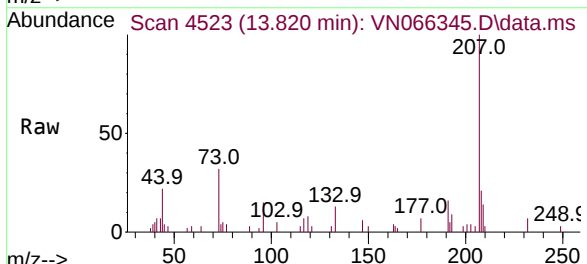
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

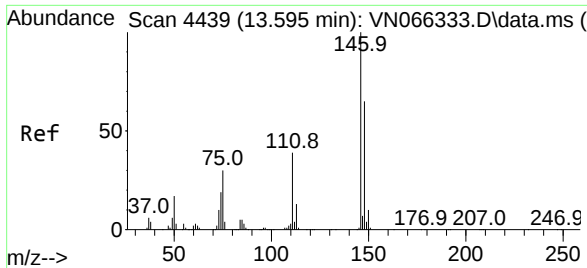
Tgt Ion: 91	Resp: 7073
Ion Ratio	Lower Upper
91	100
92	50.6 26.1 78.3
134	21.3 12.8 38.4



#90
Hexachloroethane
Concen: 0.42 ug/l
RT: 13.820 min Scan# 4523
Delta R.T. 0.005 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion: 117	Resp: 1138
Ion Ratio	Lower Upper
117	100
201	40.0 44.0 131.8#

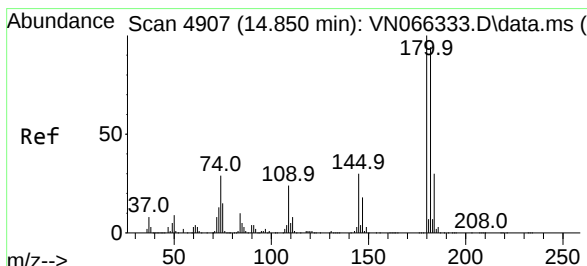
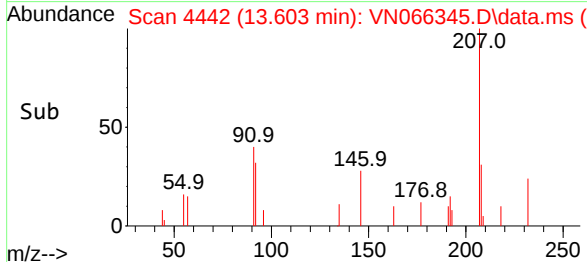
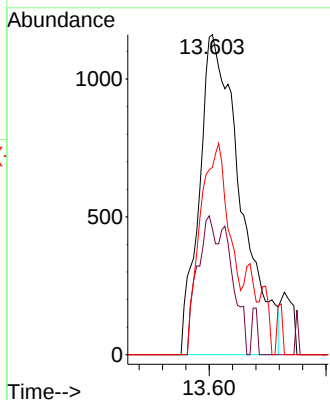
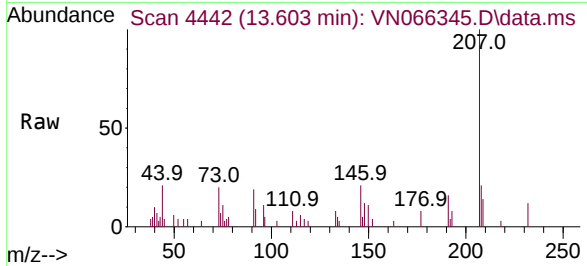




#91
1,2-Dichlorobenzene
Concen: 0.37 ug/l
RT: 13.603 min Scan# 4442
Delta R.T. 0.008 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

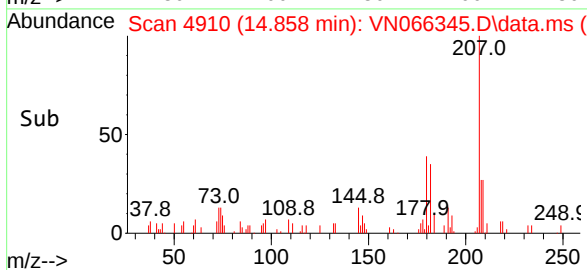
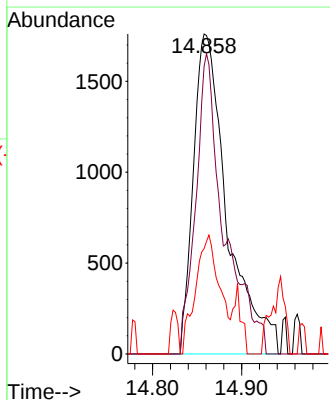
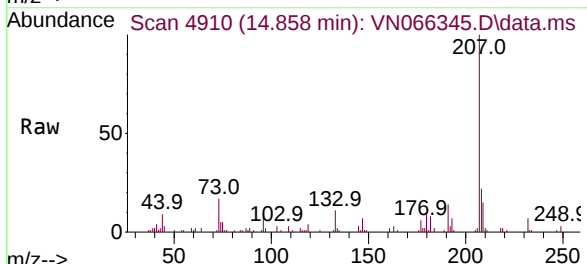
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

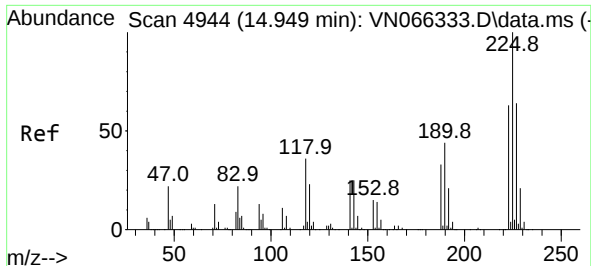
Tgt Ion:146 Resp: 2859
Ion Ratio Lower Upper
146 100
111 18.7 19.7 59.1#
148 47.5 32.3 96.8



#93
1,2,4-Trichlorobenzene
Concen: 0.98 ug/l
RT: 14.858 min Scan# 4910
Delta R.T. 0.008 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

Tgt Ion:180 Resp: 4654
Ion Ratio Lower Upper
180 100
182 78.9 47.4 142.3
145 26.7 14.2 42.8

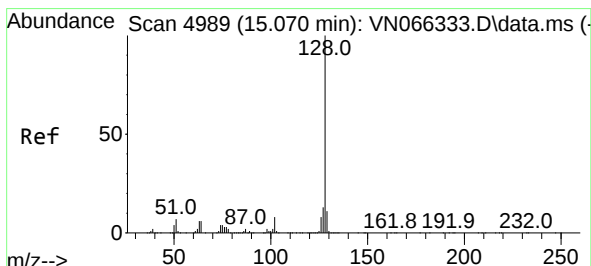
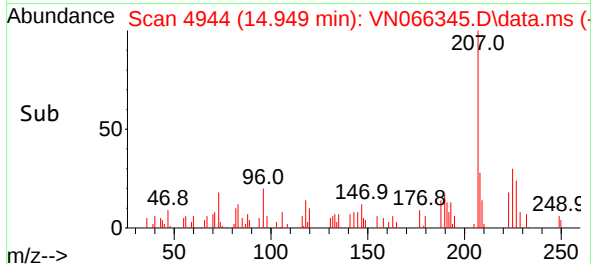
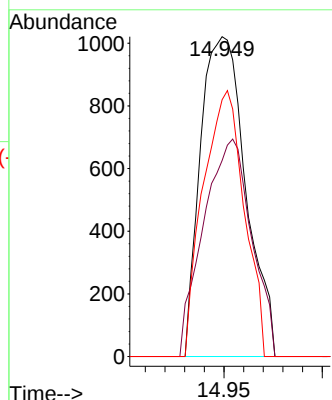
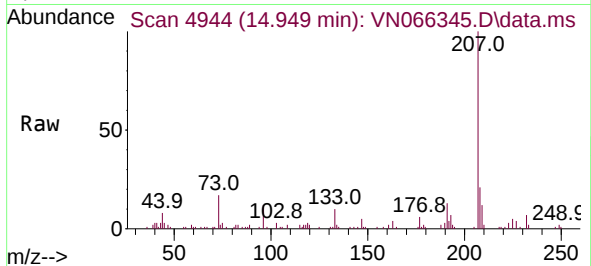




#94
Hexachlorobutadiene
Concen: 0.63 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. -0.000 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

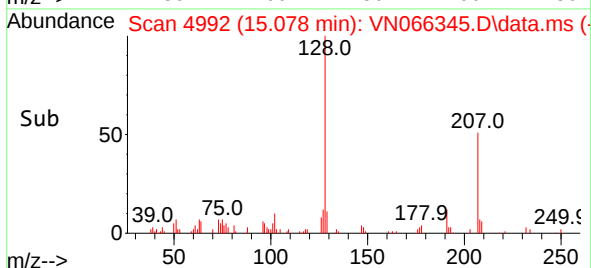
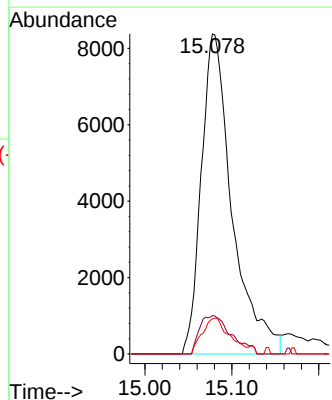
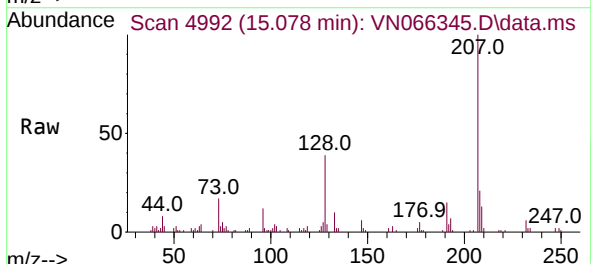
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

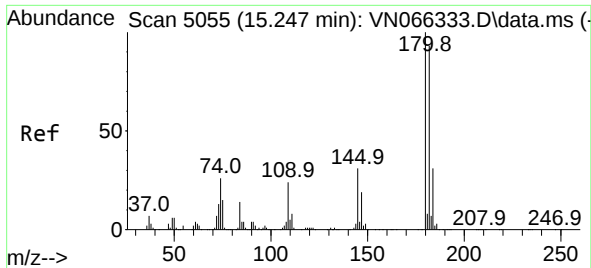
Tgt Ion:	225	Resp:	1635
Ion	Ratio	Lower	Upper
225	100		
223	72.0	31.1	93.5
227	75.2	32.1	96.3



#95
Naphthalene
Concen: 2.50 ug/l
RT: 15.078 min Scan# 4992
Delta R.T. 0.008 min
Lab File: VN066345.D
Acq: 26 Mar 2021 13:33

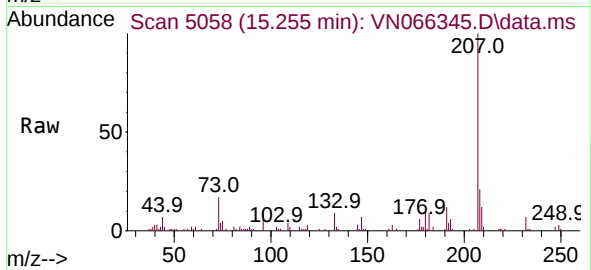
Tgt Ion:	128	Resp:	20642
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	9.8	8.5	12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.99 ug/l
 RT: 15.255 min Scan# 5058
 Delta R.T. 0.008 min
 Lab File: VN066345.D
 Acq: 26 Mar 2021 13:33

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



Tgt Ion:	180	Resp:	4720
Ion	Ratio	Lower	Upper
180	100		
182	86.3	47.6	142.9
145	35.6	15.4	46.1

