

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071666.D
 Acq On : 30 Mar 2022 18:08
 Operator : JC\MD
 Sample : N1645-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2022

Quant Time: Mar 31 01:35:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	587162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	941087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	815636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	275330	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	363095	54.168	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.340%	
35) Dibromofluoromethane	8.016	113	290992	52.547	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.100%	
50) Toluene-d8	10.439	98	1152357	50.868	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	12.727	95	326814	44.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	10984	2.353	ug/l	99
3) Chloromethane	2.299	50	16544	2.797	ug/l	99
4) Vinyl Chloride	2.440	62	16415	2.527	ug/l	98
5) Bromomethane	2.846	94	12918	3.059	ug/l	89
6) Chloroethane	3.010	64	13810	2.955	ug/l #	86
7) Trichlorofluoromethane	3.369	101	20565	2.488	ug/l	100
8) Diethyl Ether	3.822	74	8620	2.468	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.204	101	12105	2.377	ug/l	98
10) Methyl Iodide	4.422	142	17075	2.398	ug/l	96
11) Tert butyl alcohol	5.363	59	14462	13.295	ug/l #	80
12) 1,1-Dichloroethene	4.187	96	12297	2.537	ug/l	96
13) Acrolein	4.046	56	16651	12.554	ug/l	95
14) Allyl chloride	4.840	41	19114	2.430	ug/l	98
15) Acrylonitrile	5.551	53	40383	12.772	ug/l	99
16) Acetone	4.287	43	31966	11.159	ug/l	97
17) Carbon Disulfide	4.534	76	29155	2.622	ug/l #	94
18) Methyl Acetate	4.863	43	30107	2.815	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	42751	2.374	ug/l	98
20) Methylene Chloride	5.093	84	15493	2.566	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	13969	2.626	ug/l	83
22) Diisopropyl ether	6.493	45	40823	2.384	ug/l	97
23) Vinyl Acetate	6.434	43	143484	10.536	ug/l	98
24) 1,1-Dichloroethane	6.387	63	24638	2.451	ug/l #	92
25) 2-Butanone	7.334	43	52051	12.604	ug/l	97
26) 2,2-Dichloropropane	7.322	77	20299	2.350	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	16311	2.500	ug/l	98
28) Bromochloromethane	7.651	49	10392	2.563	ug/l #	99
29) Tetrahydrofuran	7.687	42	33271	12.442	ug/l	99
30) Chloroform	7.810	83	24931	2.349	ug/l	91
31) Cyclohexane	8.092	56	31896	3.499	ug/l #	72
32) 1,1,1-Trichloroethane	8.010	97	22054	2.429	ug/l	95
36) 1,1-Dichloropropene	8.222	75	19024	2.460	ug/l	97
37) Ethyl Acetate	7.410	43	22099	2.611	ug/l	97
38) Carbon Tetrachloride	8.204	117	18463	2.436	ug/l #	90
39) Methylcyclohexane	9.457	83	21437	2.329	ug/l	99
40) Benzene	8.457	78	60137	2.462	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	9167	2.212	ug/l	97
42) 1,2-Dichloroethane	8.528	62	21691	2.567	ug/l	97
43) Isopropyl Acetate	8.557	43	36845	2.617	ug/l	94
44) Trichloroethene	9.210	130	14796	2.351	ug/l	100
45) 1,2-Dichloropropane	9.481	63	14594	2.391	ug/l	96
46) Dibromomethane	9.575	93	9462	2.284	ug/l	94
47) Bromodichloromethane	9.757	83	18767	2.301	ug/l	94
48) Methyl methacrylate	9.557	41	14125	2.418	ug/l	95
49) 1,4-Dioxane	9.569	88	6969	36.990	ug/l	95
51) 4-Methyl-2-Pentanone	10.328	43	95280	11.771	ug/l	98
52) Toluene	10.504	92	38788	2.512	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	19306	2.258	ug/l	95
54) cis-1,3-Dichloropropene	10.181	75	20457	2.166	ug/l #	93
55) 1,1,2-Trichloroethane	10.892	97	15357	2.416	ug/l	93
56) Ethyl methacrylate	10.757	69	19868	2.191	ug/l	97
57) 1,3-Dichloropropane	11.045	76	25071	2.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.034	63	22053	24.331	ug/l	97
59) 2-Hexanone	11.081	43	66309	11.635	ug/l	99
60) Dibromochloromethane	11.233	129	14343	2.315	ug/l	97
61) 1,2-Dibromoethane	11.345	107	14863	2.376	ug/l	99
64) Tetrachloroethene	10.969	164	13471	2.501	ug/l	95
65) Chlorobenzene	11.769	112	40149	2.458	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	13447	2.282	ug/l	94
67) Ethyl Benzene	11.839	91	64880	2.347	ug/l	99
68) m/p-Xylenes	11.951	106	46545	4.382	ug/l	97
69) o-Xylene	12.275	106	23850	2.262	ug/l	94
70) Styrene	12.292	104	33111	2.073	ug/l	99
71) Bromoform	12.451	173	10347	2.306	ug/l #	96
73) Isopropylbenzene	12.575	105	55985	2.413	ug/l	100
74) N-amyl acetate	12.380	43	15400	2.317	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	21653	2.797	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	24650	3.865	ug/l	51
77) Bromobenzene	12.857	156	14692	2.526	ug/l	97
78) n-propylbenzene	12.916	91	57661	2.363	ug/l	100
79) 2-Chlorotoluene	13.004	91	38960	2.489	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	43981	2.393	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.727	75	160975	78.212	ug/l #	10
82) 4-Chlorotoluene	13.104	91	36539	2.519	ug/l	97
83) tert-Butylbenzene	13.322	119	39670	2.361	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	40084	2.235	ug/l	99
85) sec-Butylbenzene	13.498	105	49174	2.257	ug/l	100
86) p-Isopropyltoluene	13.610	119	36221	2.085	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	22105	2.386	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	22424	2.481	ug/l	89
89) n-Butylbenzene	13.939	91	25944	2.014	ug/l	97
90) Hexachloroethane	14.210	117	7987	2.512	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	22407	2.463	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	2945	2.453	ug/l	95
93) 1,2,4-Trichlorobenzene	15.263	180	6118	3.424	ug/l	96
94) Hexachlorobutadiene	15.363	225	6401	2.386	ug/l	98
95) Naphthalene	15.504	128	12959	4.758	ug/l	97
96) 1,2,3-Trichlorobenzene	15.692	180	6043	3.769	ug/l	97

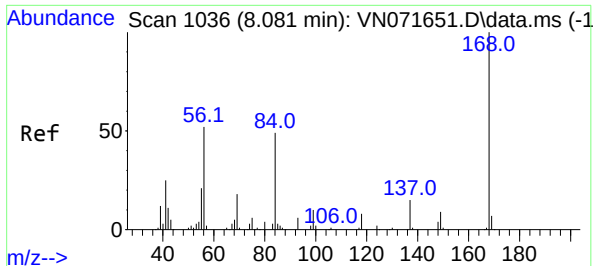
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

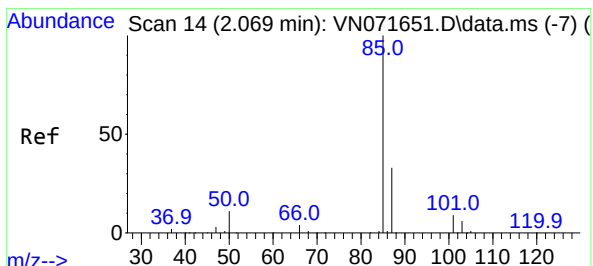
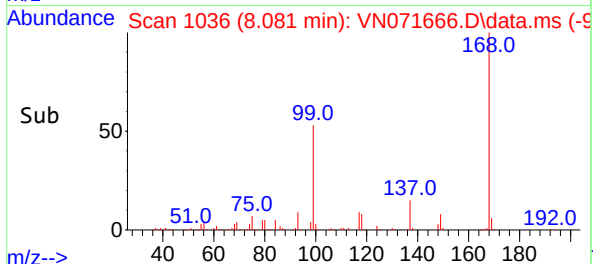
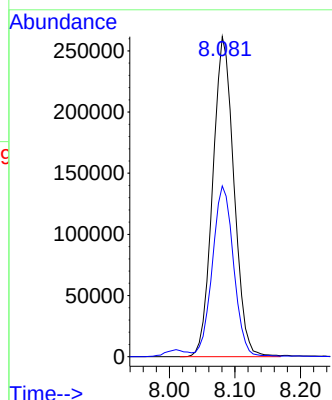
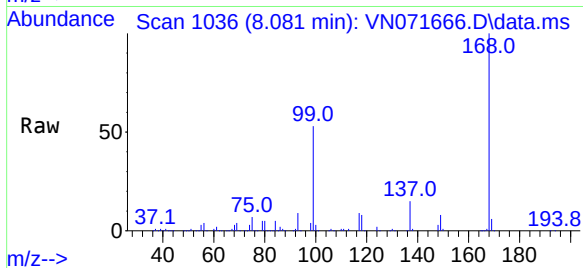
MDL-WATER-03-QT1-2022

Tgt Ion:168 Resp: 587162

Ion Ratio Lower Upper

168 100

99 53.2 42.3 63.5



Dichlorodifluoromethane

Concen: 2.353 ug/l

RT: 2.069 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN071666.D

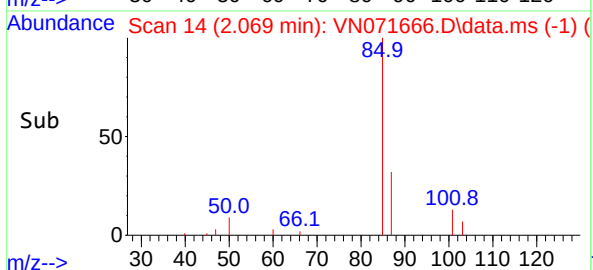
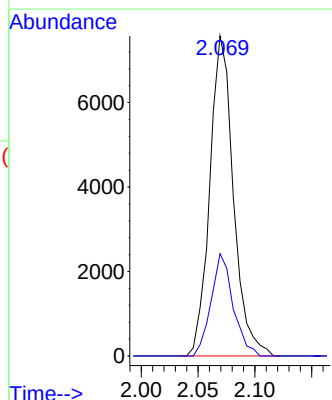
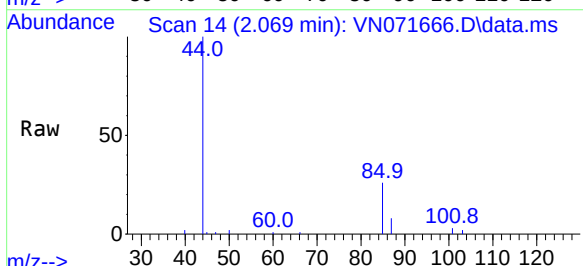
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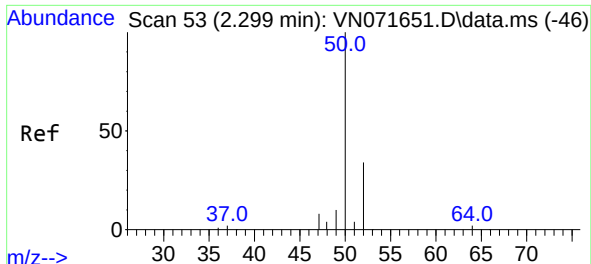
Tgt Ion: 85 Resp: 10984

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.1

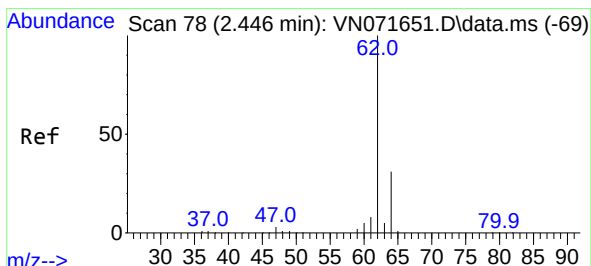
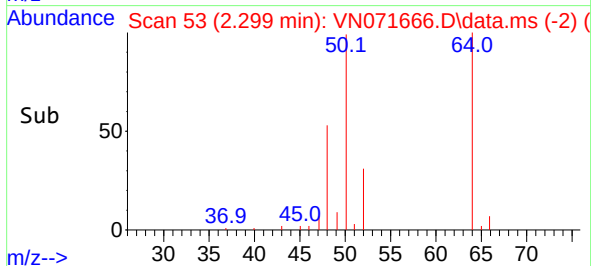
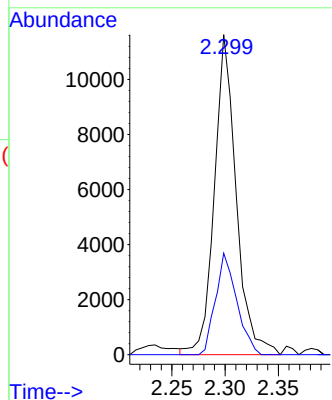
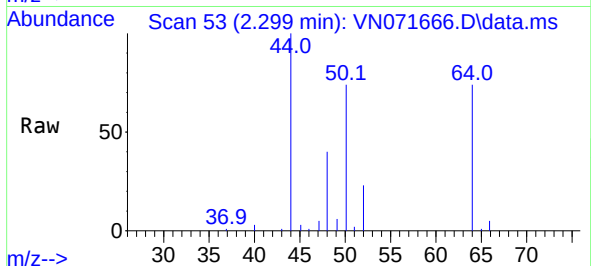




#3
Chloromethane
Concen: 2.797 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071666.D
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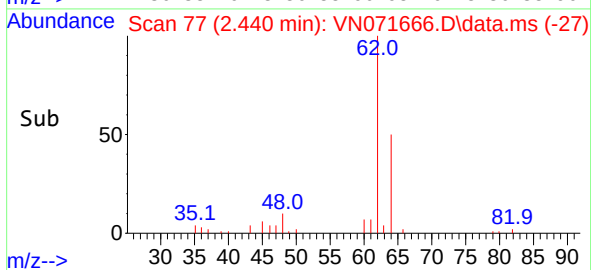
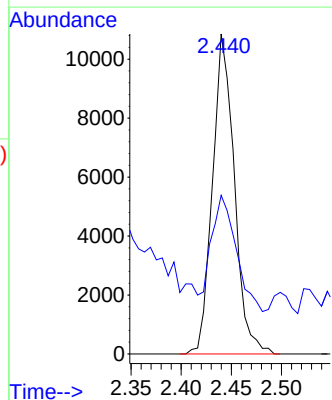
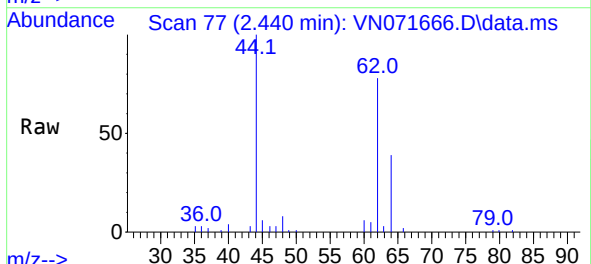
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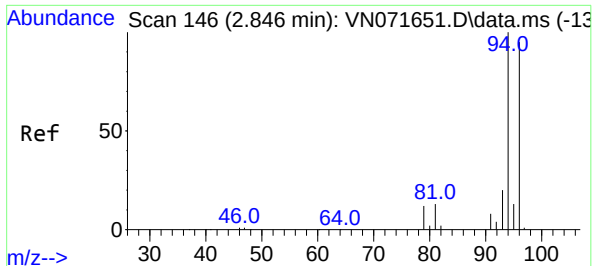
Tgt Ion: 50 Resp: 16544
Ion Ratio Lower Upper
50 100
52 31.7 25.7 38.5



#4
Vinyl Chloride
Concen: 2.527 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 62 Resp: 16415
Ion Ratio Lower Upper
62 100
64 30.3 25.0 37.4

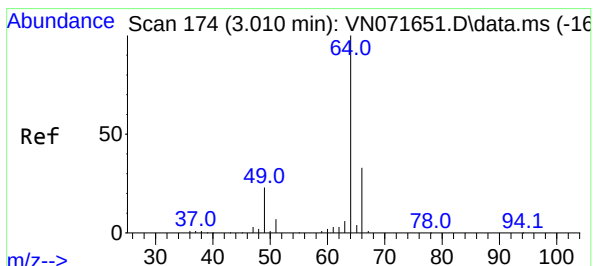
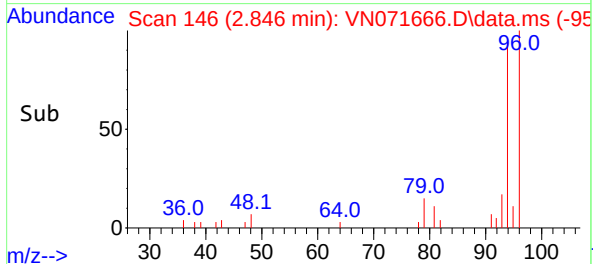
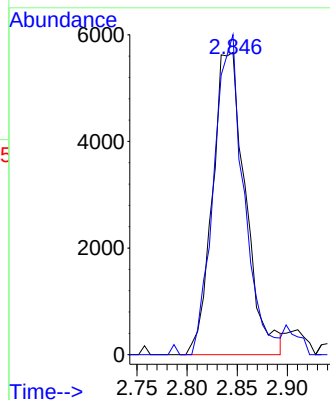
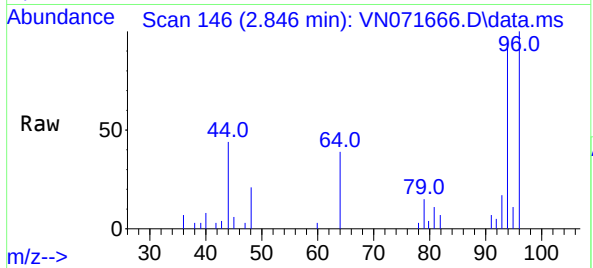




#5
Bromomethane
Concen: 3.059 ug/l
RT: 2.846 min Scan# 146
Delta R.T. -0.000 min
Lab File: VN071666.D
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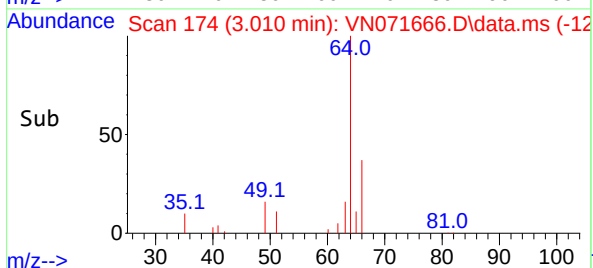
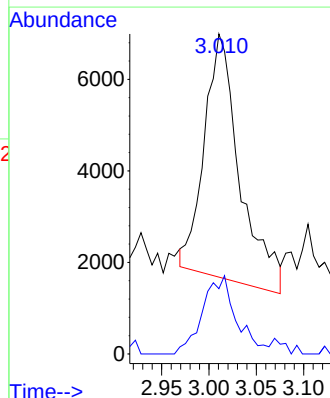
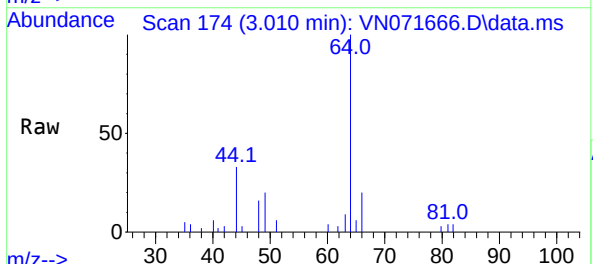
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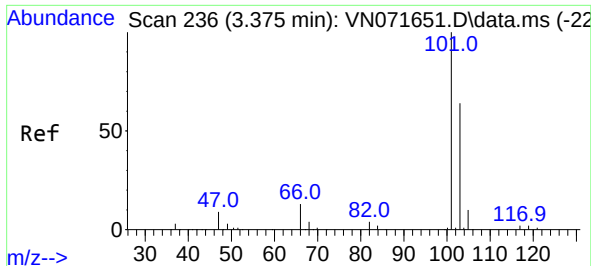
Tgt Ion: 94 Resp: 12918
Ion Ratio Lower Upper
94 100
96 105.9 76.0 114.0



#6
Chloroethane
Concen: 2.955 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 64 Resp: 13810
Ion Ratio Lower Upper
64 100
66 25.0 26.2 39.4#

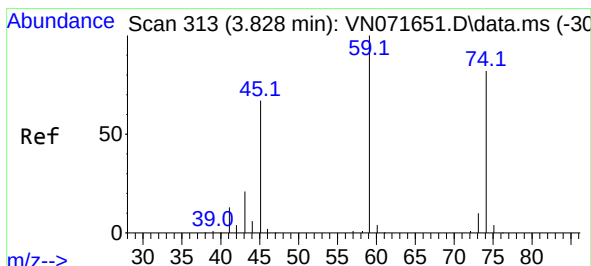
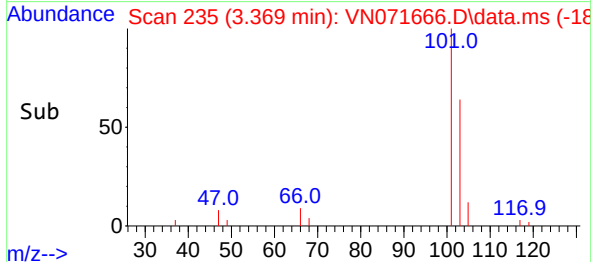
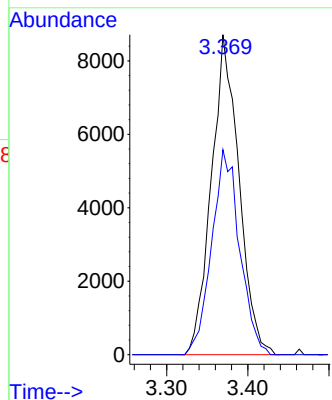
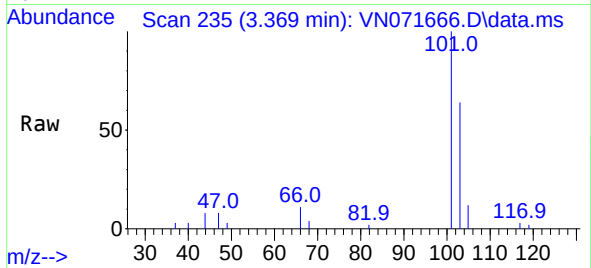




#7
Trichlorofluoromethane
Concen: 2.488 ug/l
RT: 3.369 min Scan# 21
Delta R.T. -0.006 min
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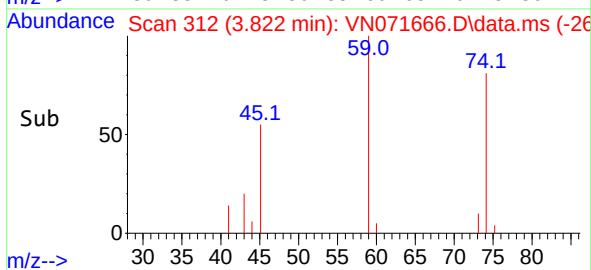
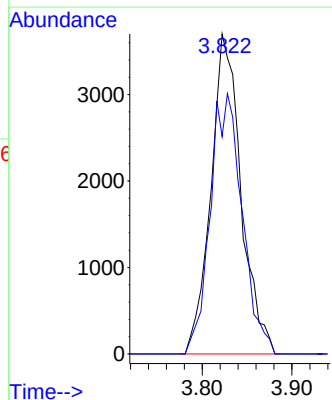
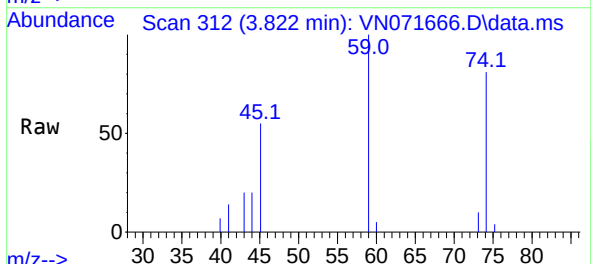
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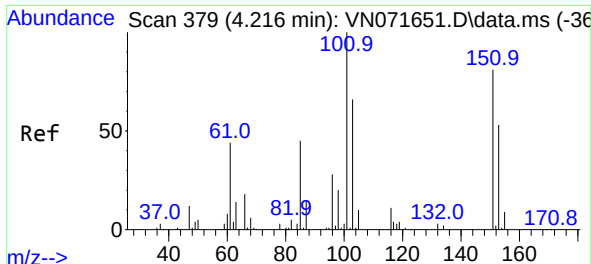
Tgt Ion:101 Resp: 20565
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3



#8
Diethyl Ether
Concen: 2.468 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 74 Resp: 8620
Ion Ratio Lower Upper
74 100
45 86.2 42.9 128.5

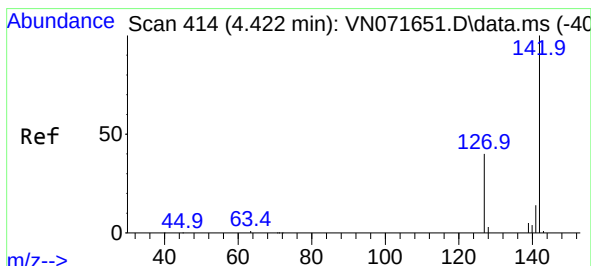
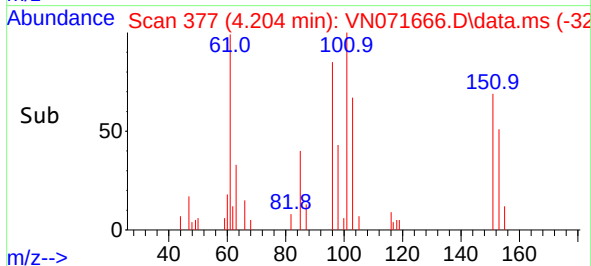
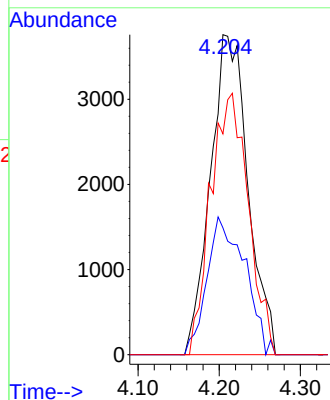
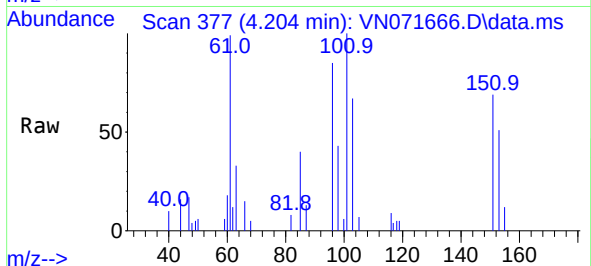




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.377 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.012 min
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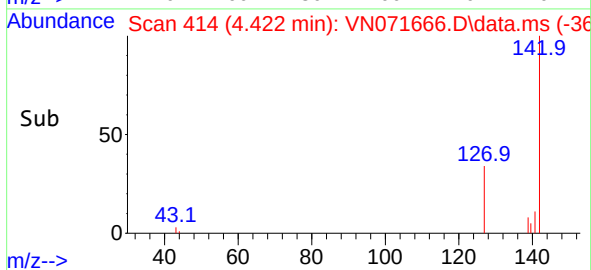
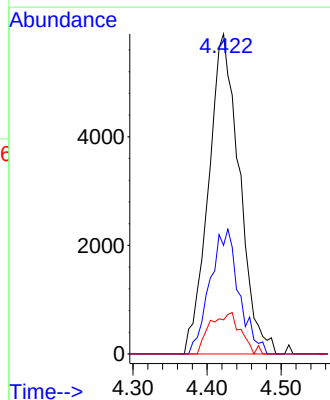
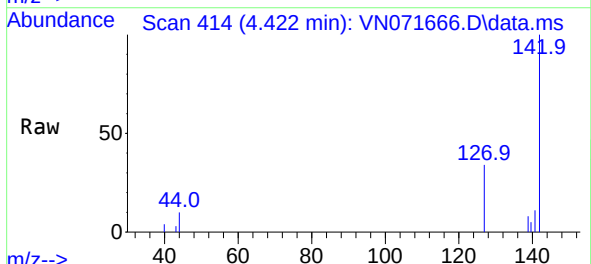
Instrument :
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ClientSampleId :
MDL-WATER-03-QT1-2022

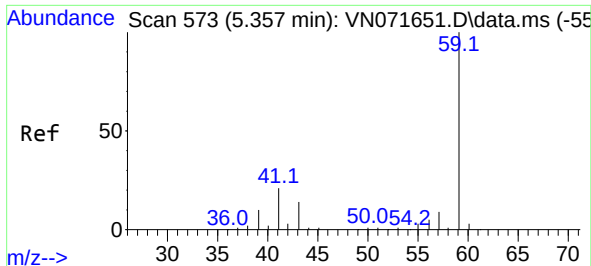
Tgt Ion:101 Resp: 12105
Ion Ratio Lower Upper
101 100
85 43.3 34.7 52.1
151 81.9 63.0 94.4



#10
Methyl Iodide
Concen: 2.398 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion:142 Resp: 17075
Ion Ratio Lower Upper
142 100
127 36.6 31.3 46.9
141 12.8 11.2 16.8

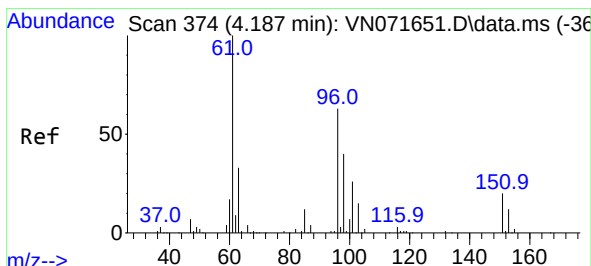
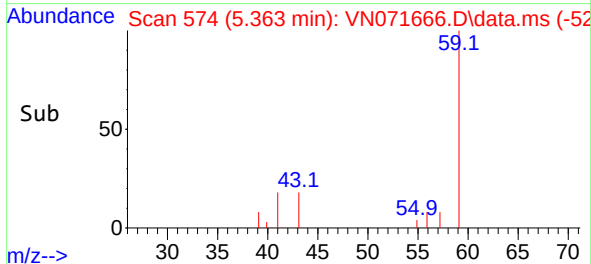
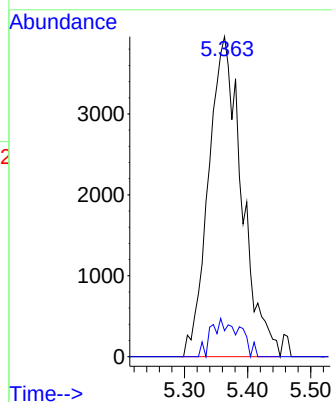
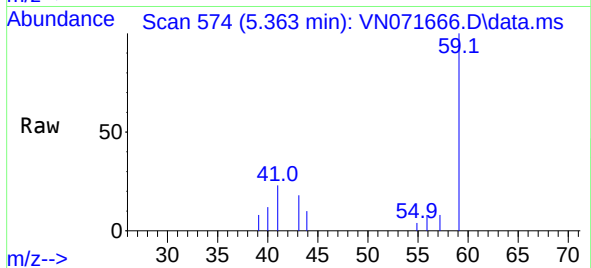




#11
Tert butyl alcohol
Concen: 13.295 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

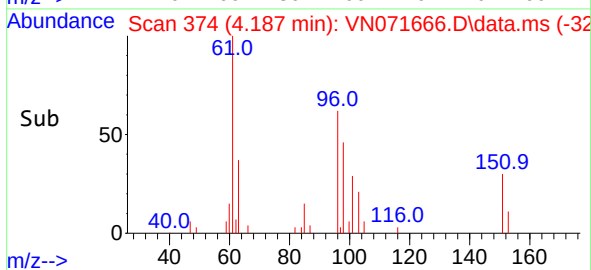
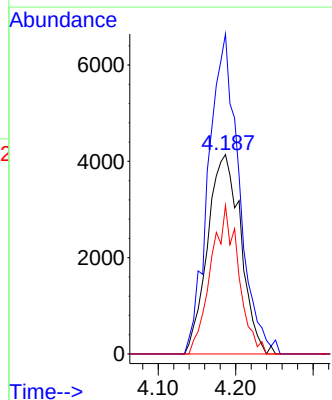
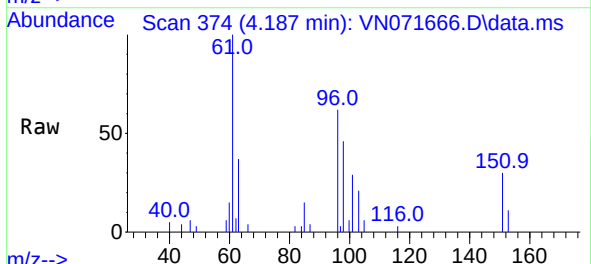
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

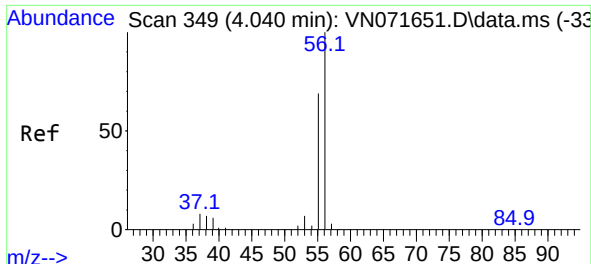
Tgt Ion: 59 Resp: 14462
Ion Ratio Lower Upper
59 100
57 3.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 2.537 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 96 Resp: 12297
Ion Ratio Lower Upper
96 100
61 160.5 127.6 191.4
98 74.5 51.2 76.8





#13

Acrolein

Concen: 12.554 ug/l

RT: 4.046 min Scan# 349

Delta R.T. 0.006 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

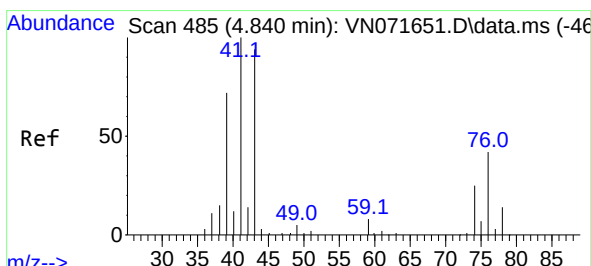
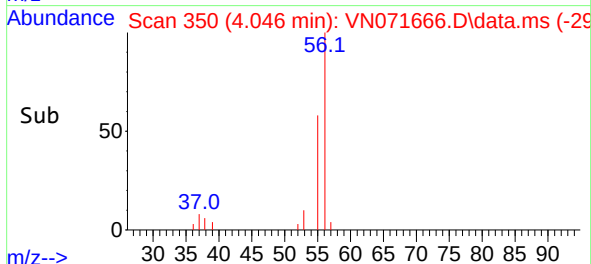
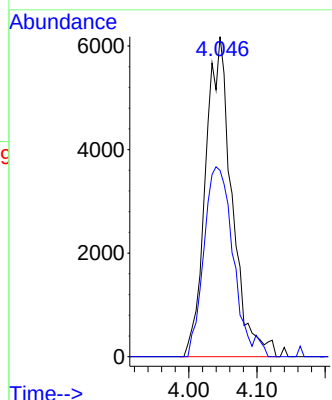
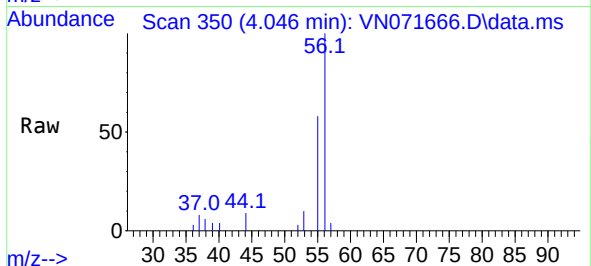
MDL-WATER-03-QT1-2022

Tgt Ion: 56 Resp: 16651

Ion Ratio Lower Upper

56 100

55 64.2 54.8 82.2



#14

Allyl chloride

Concen: 2.430 ug/l

RT: 4.840 min Scan# 485

Delta R.T. -0.000 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

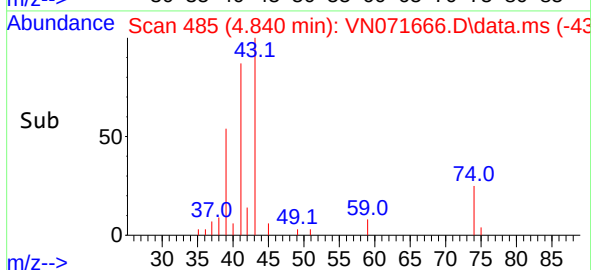
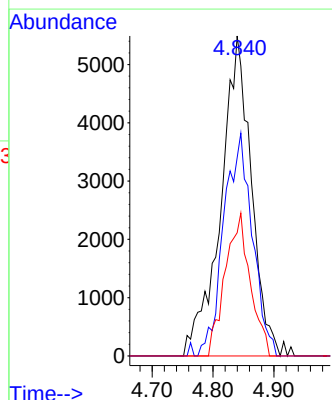
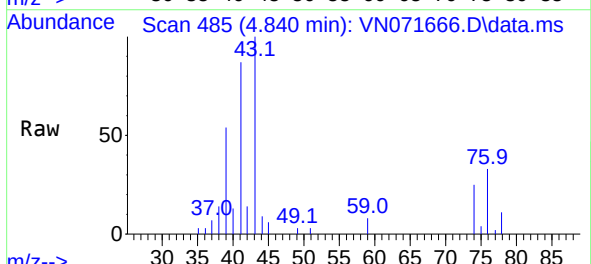
Tgt Ion: 41 Resp: 19114

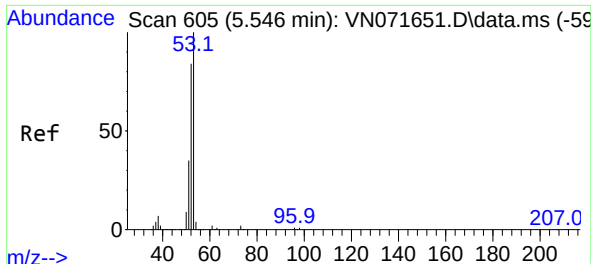
Ion Ratio Lower Upper

41 100

39 65.1 53.2 79.8

76 36.5 29.9 44.9

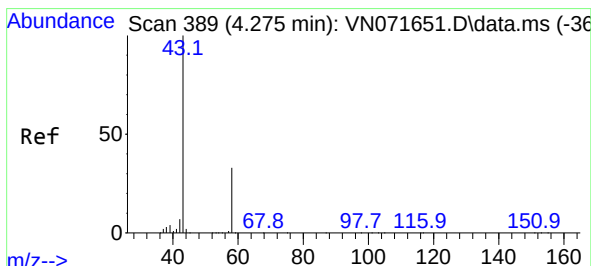
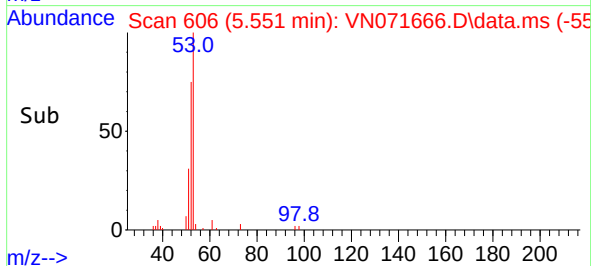
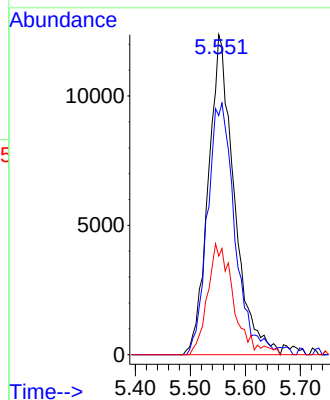
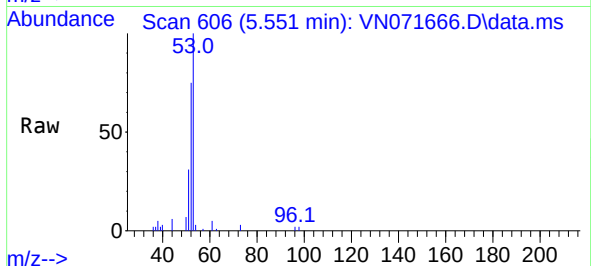




#15
Acrylonitrile
Concen: 12.772 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

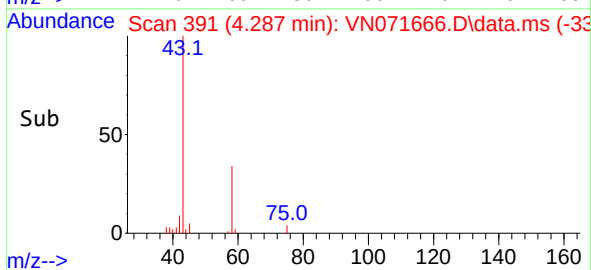
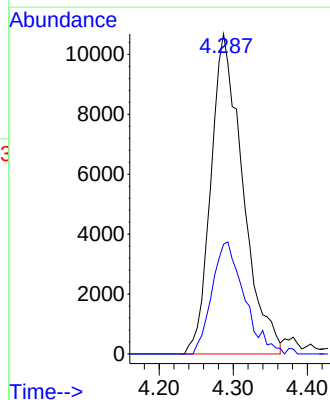
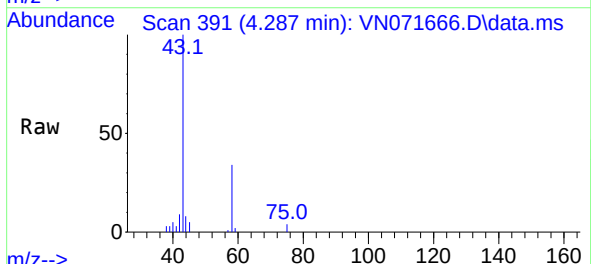
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

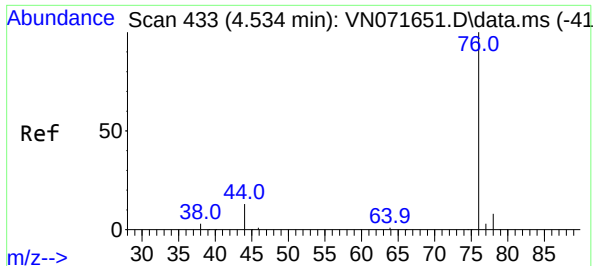
Tgt Ion: 53 Resp: 40383
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 34.1 28.5 42.7



#16
Acetone
Concen: 11.159 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 43 Resp: 31966
Ion Ratio Lower Upper
43 100
58 34.3 26.0 39.0

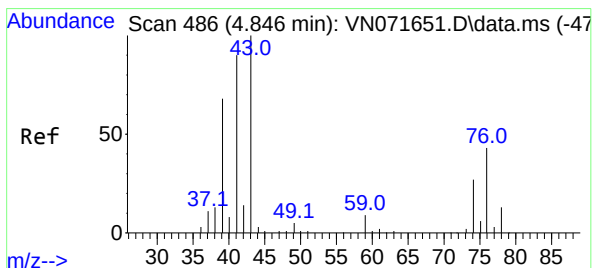
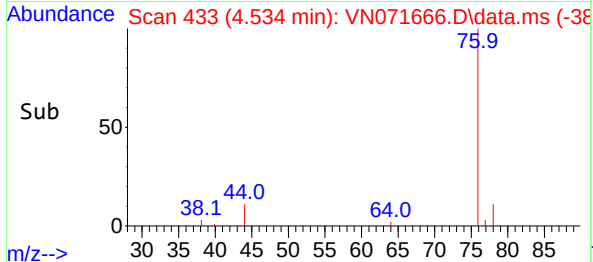
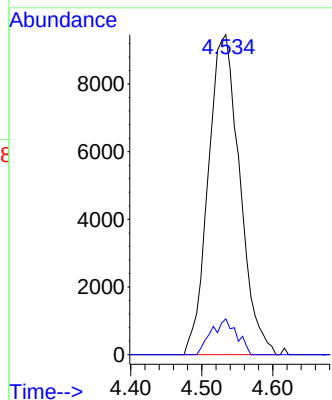
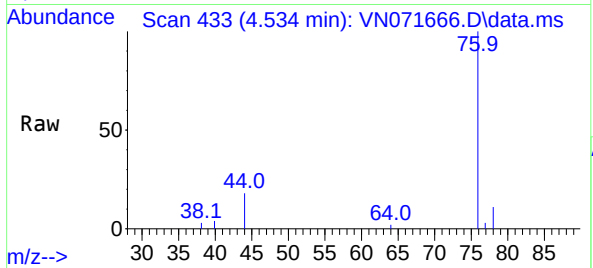




#17
Carbon Disulfide
Concen: 2.622 ug/l
RT: 4.534 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

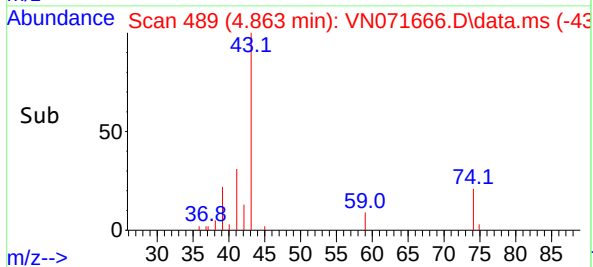
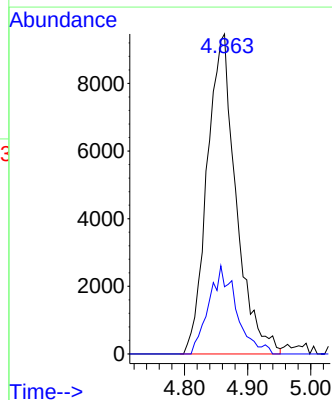
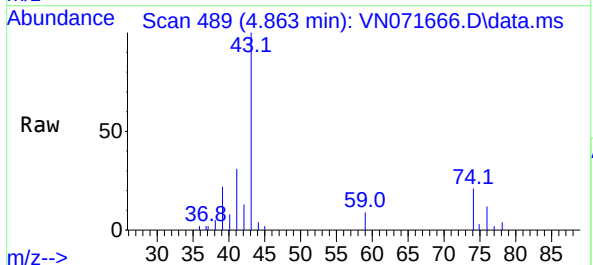
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

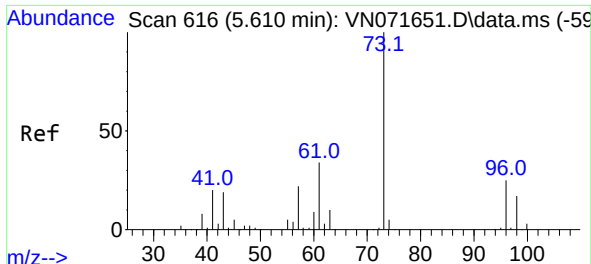
Tgt Ion: 76 Resp: 29155
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#



#18
Methyl Acetate
Concen: 2.815 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 43 Resp: 30107
Ion Ratio Lower Upper
43 100
74 26.3 21.6 32.4

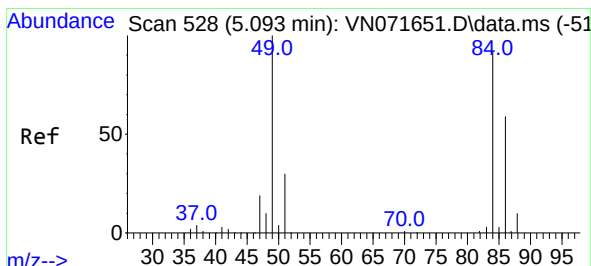
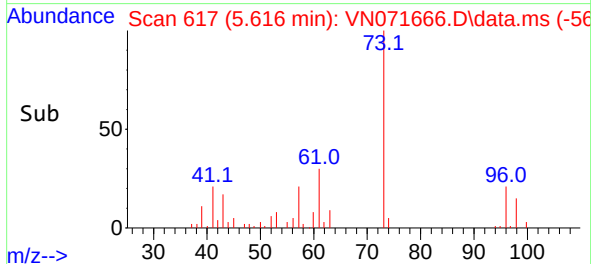
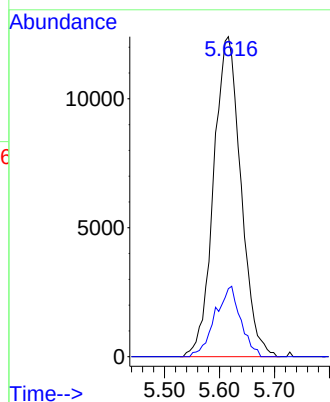
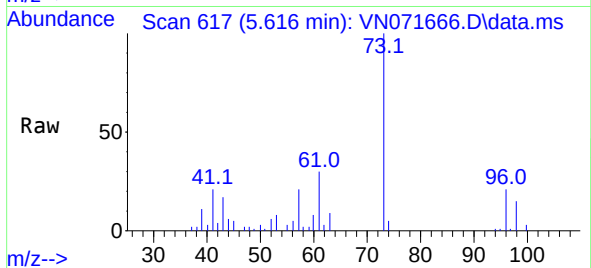




#19
Methyl tert-butyl Ether
Concen: 2.374 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

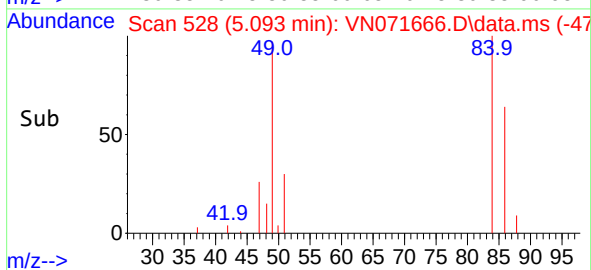
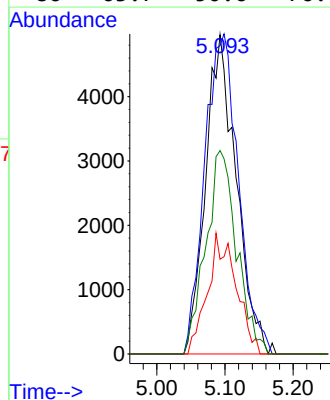
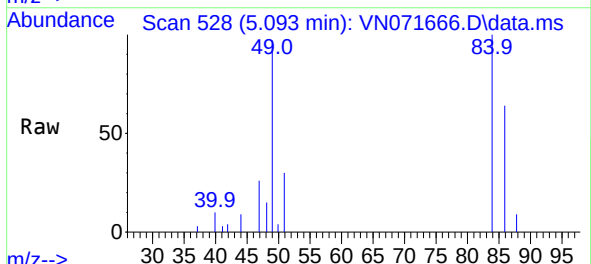
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

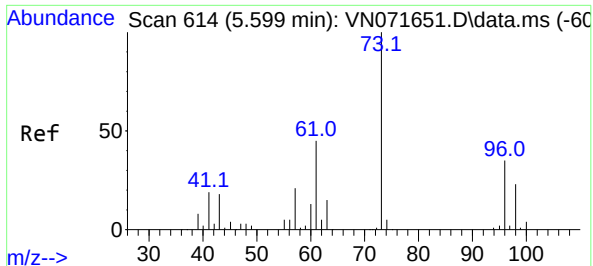
Tgt Ion: 73 Resp: 42751
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4



#20
Methylene Chloride
Concen: 2.566 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 84 Resp: 15493
Ion Ratio Lower Upper
84 100
49 96.6 88.3 132.5
51 29.7 28.2 42.2
86 63.7 50.6 76.0

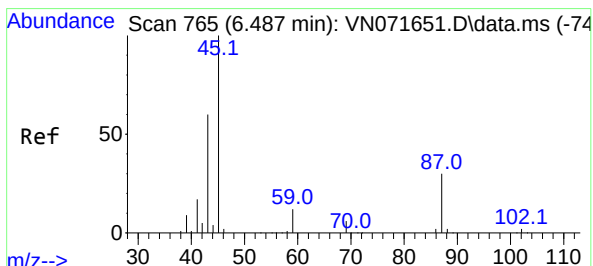
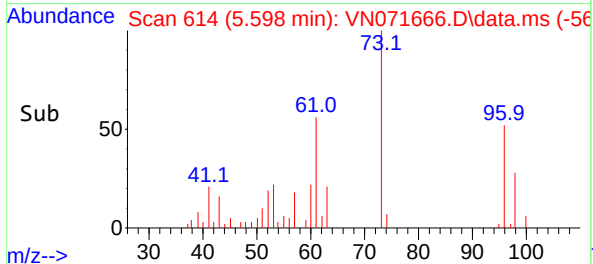
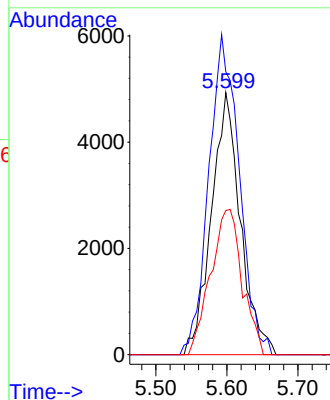
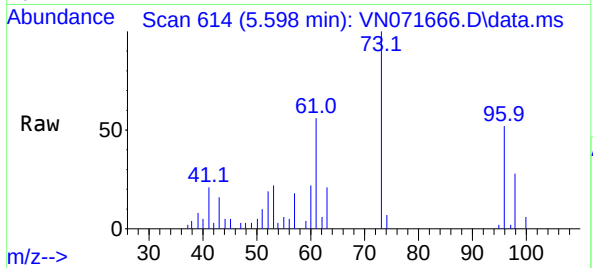




#21
trans-1,2-Dichloroethene
Concen: 2.626 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

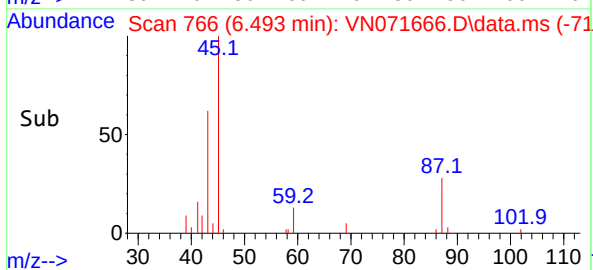
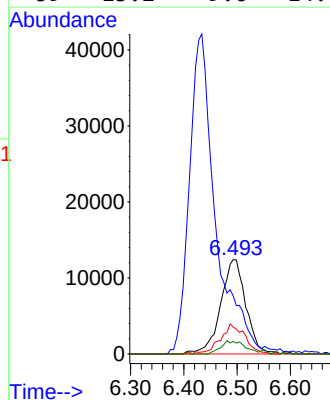
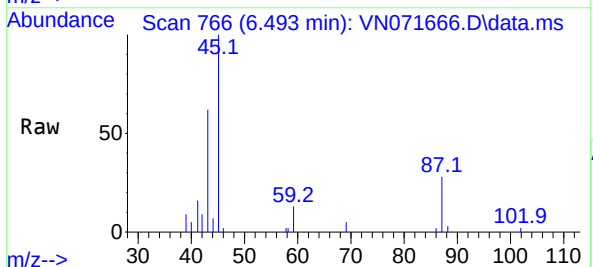
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

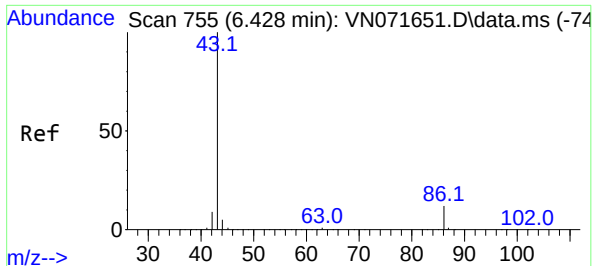
Tgt Ion: 96 Resp: 13969
Ion Ratio Lower Upper
96 100
61 107.9 105.8 158.8
98 55.0 50.3 75.5



#22
Diisopropyl ether
Concen: 2.384 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 45 Resp: 40823
Ion Ratio Lower Upper
45 100
43 56.2 46.6 70.0
87 28.5 24.3 36.5
59 13.2 9.6 14.4

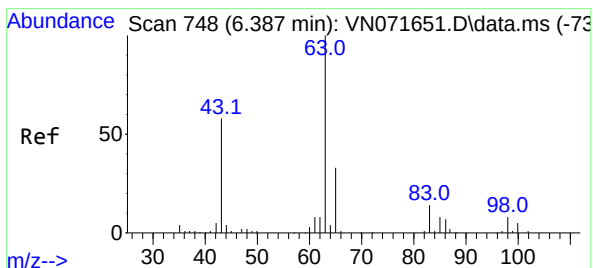
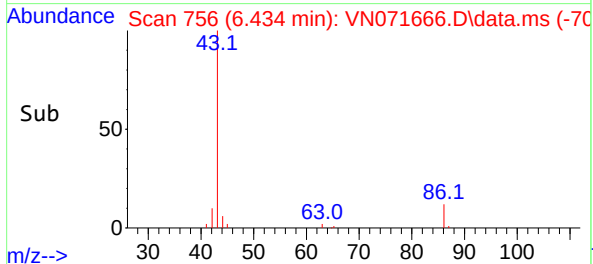
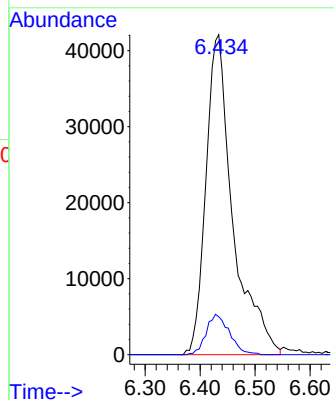
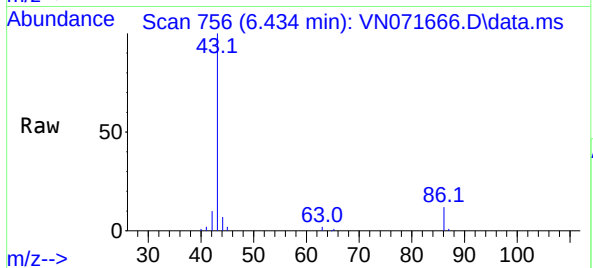




#23
 Vinyl Acetate
 Concen: 10.536 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN071666.D
 Acq: 30 Mar 2022 18:08

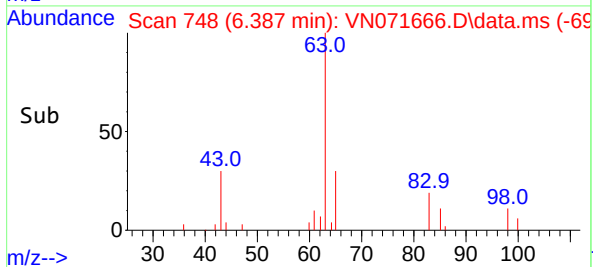
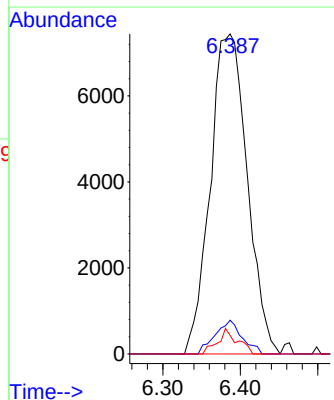
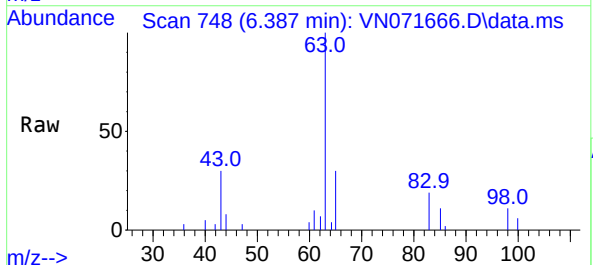
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2022

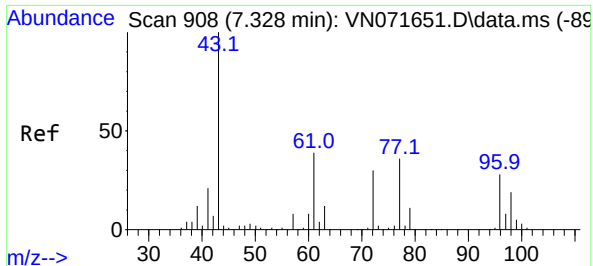
Tgt Ion: 43 Resp: 143484
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 2.451 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071666.D
 Acq: 30 Mar 2022 18:08

Tgt Ion: 63 Resp: 24638
 Ion Ratio Lower Upper
 63 100
 98 10.6 3.5 10.4#
 100 5.8 2.3 6.8





#25

2-Butanone

Concen: 12.604 ug/l

RT: 7.334 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

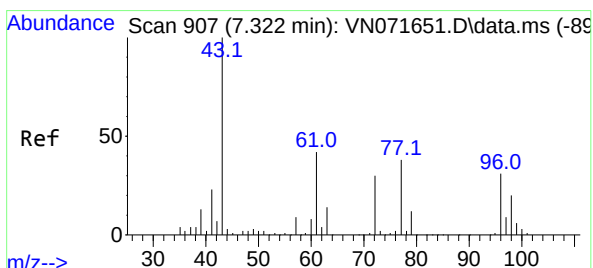
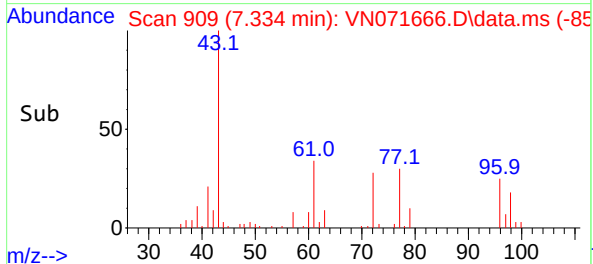
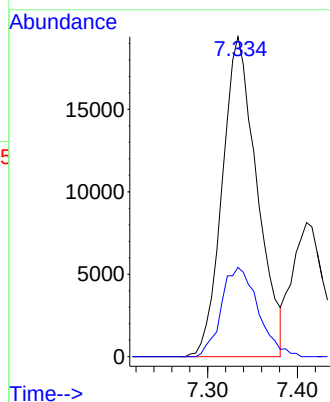
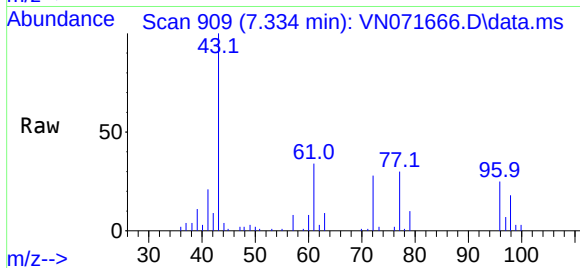
MDL-WATER-03-QT1-2022

Tgt Ion: 43 Resp: 52051

Ion Ratio Lower Upper

43 100

72 27.9 23.7 35.5



#26

2,2-Dichloropropane

Concen: 2.350 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071666.D

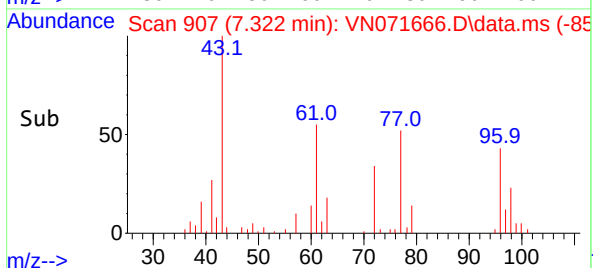
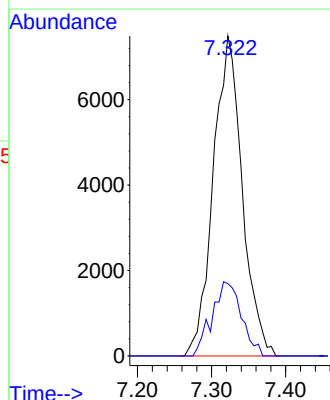
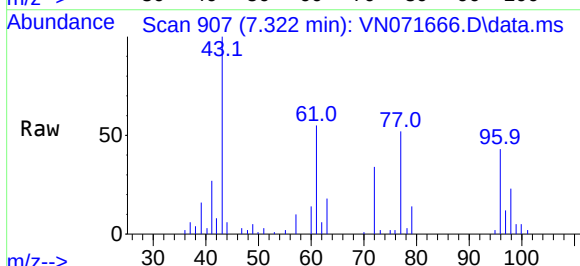
Acq: 30 Mar 2022 18:08

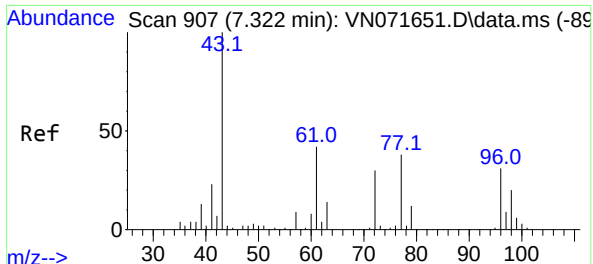
Tgt Ion: 77 Resp: 20299

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.2



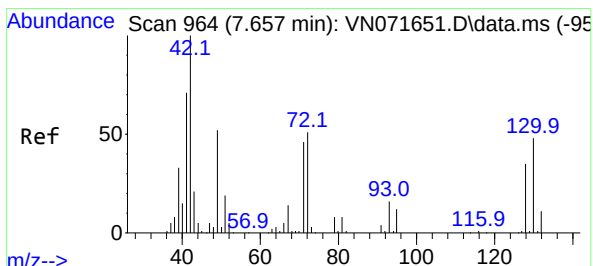
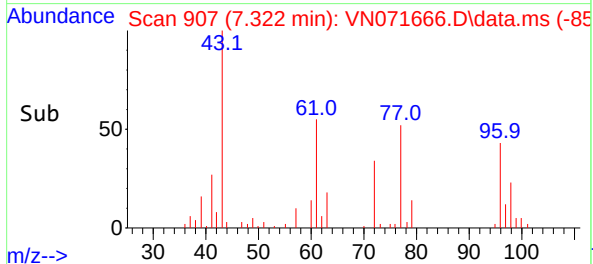
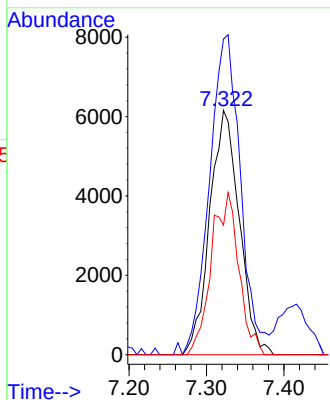
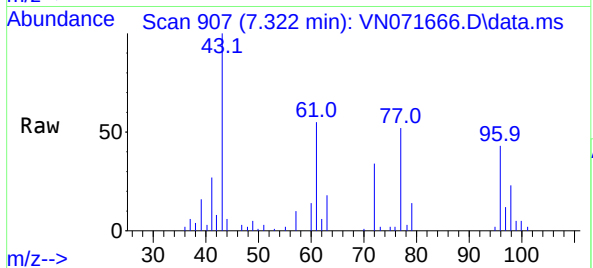


#27
 cis-1,2-Dichloroethene
 Concen: 2.500 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071666.D
 Acq: 30 Mar 2022 18:08

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2022

Tgt Ion: 96 Resp: 16311

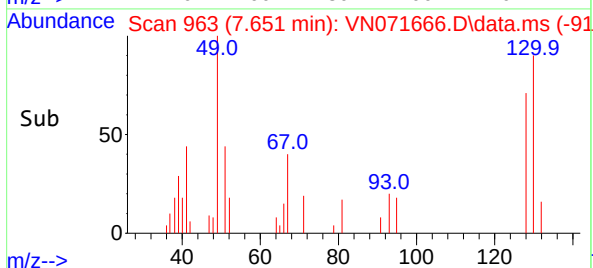
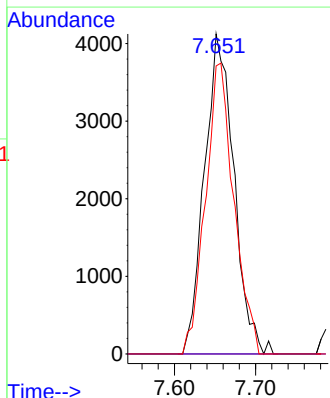
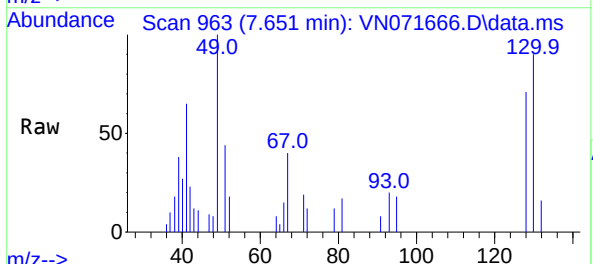
Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	280.6
98	61.7	0.0	128.4

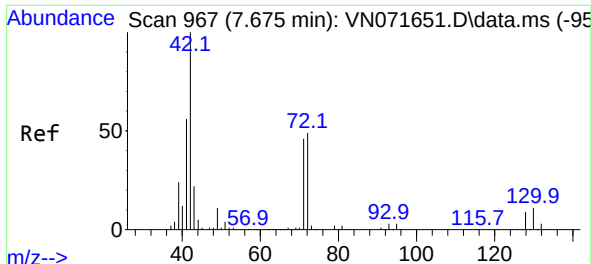


#28
 Bromochloromethane
 Concen: 2.563 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071666.D
 Acq: 30 Mar 2022 18:08

Tgt Ion: 49 Resp: 10392

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	87.7	69.7	104.5





#29

Tetrahydrofuran

Concen: 12.442 ug/l

RT: 7.687 min Scan# 90

Delta R.T. 0.012 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

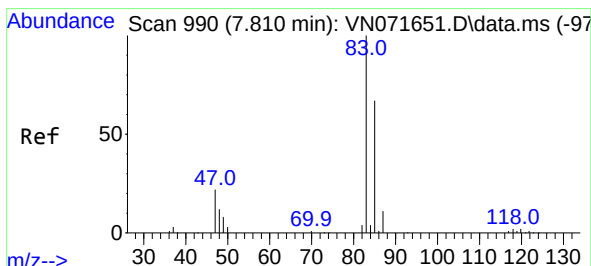
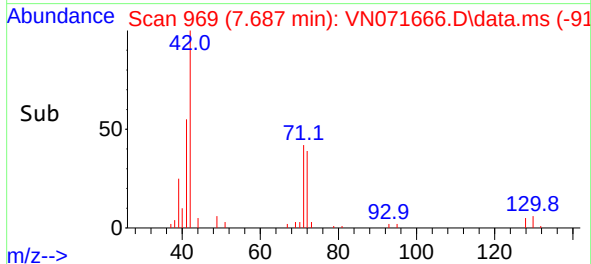
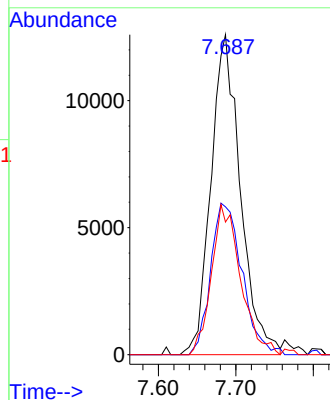
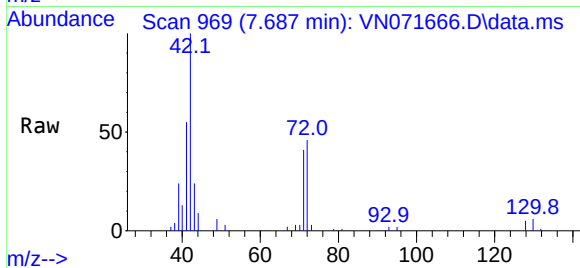
Tgt Ion: 42 Resp: 33271

Ion Ratio Lower Upper

42 100

72 50.6 39.7 59.5

71 46.4 36.6 55.0



#30

Chloroform

Concen: 2.349 ug/l

RT: 7.810 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN071666.D

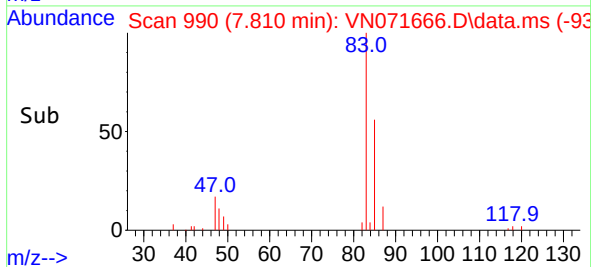
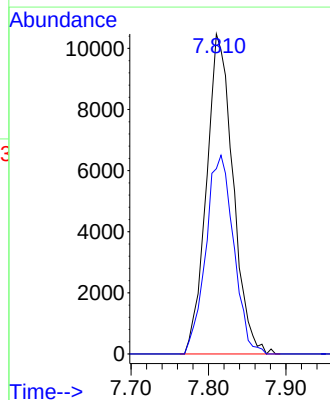
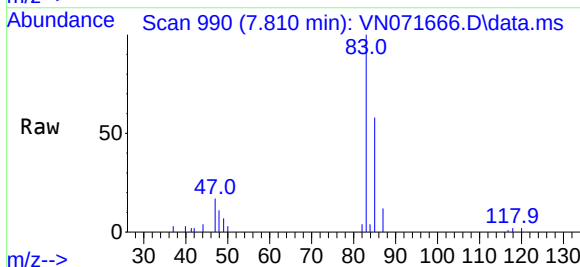
Acq: 30 Mar 2022 18:08

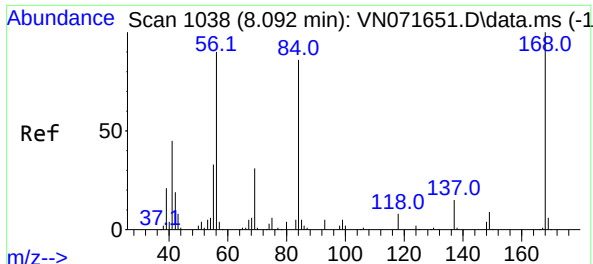
Tgt Ion: 83 Resp: 24931

Ion Ratio Lower Upper

83 100

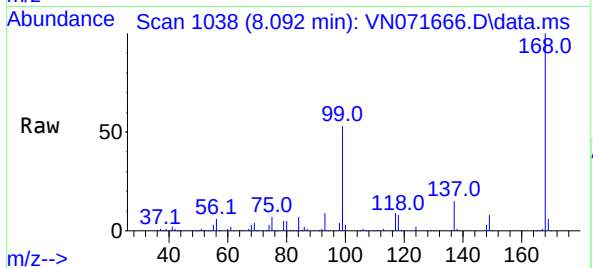
85 57.9 51.8 77.8



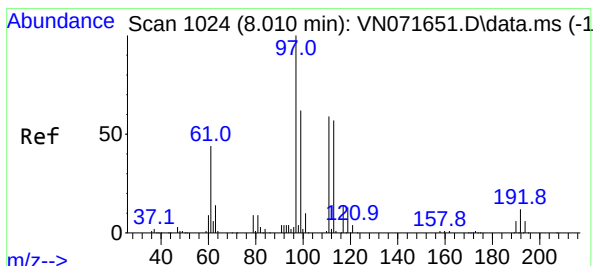
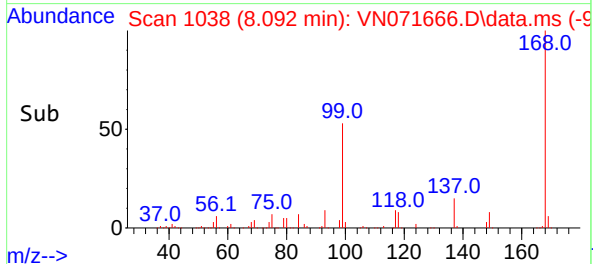
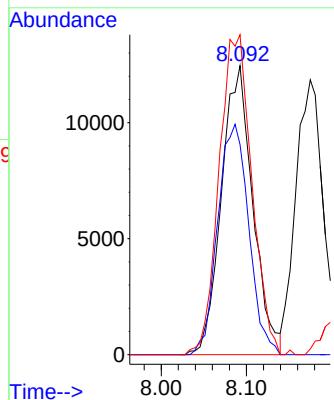


#31
Cyclohexane
Concen: 3.499 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

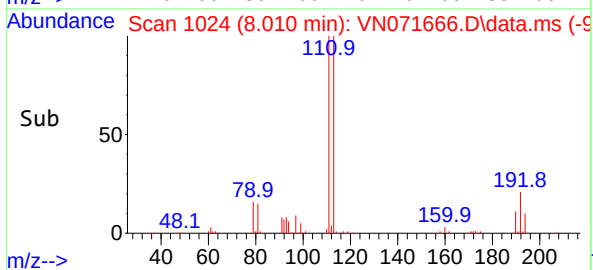
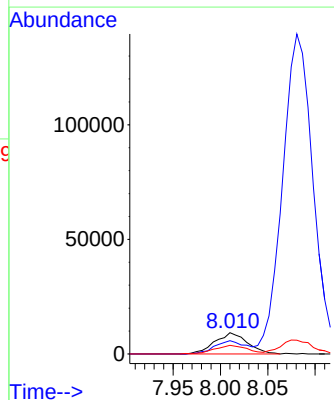
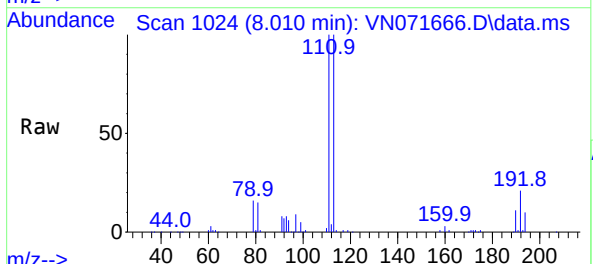


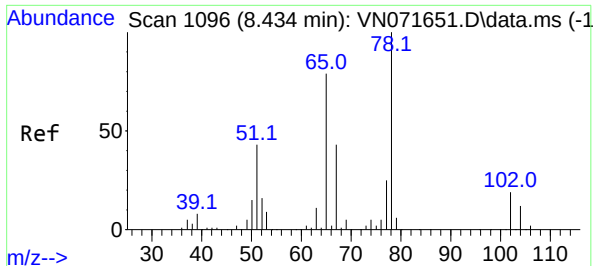
Tgt Ion: 56 Resp: 31896
Ion Ratio Lower Upper
56 100
69 72.7 27.8 41.8#
84 110.7 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 2.429 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 97 Resp: 22054
Ion Ratio Lower Upper
97 100
99 59.5 50.6 76.0
61 41.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.168 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

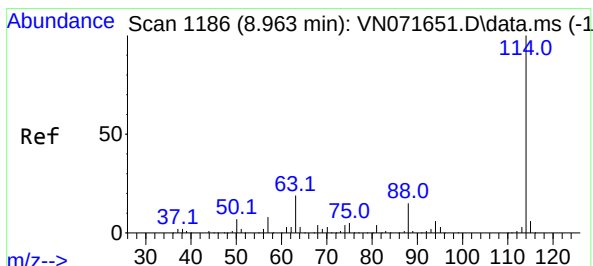
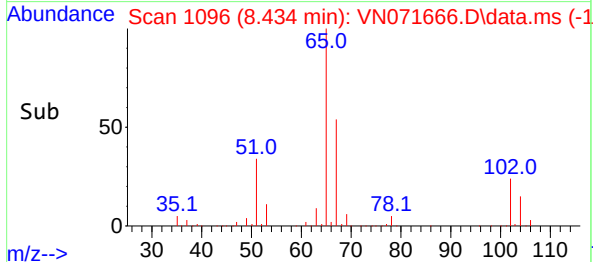
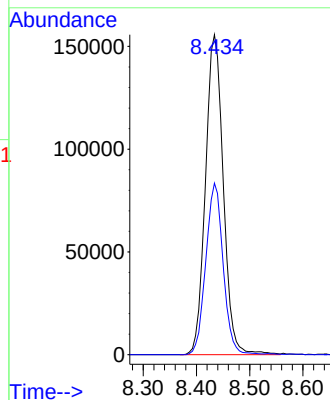
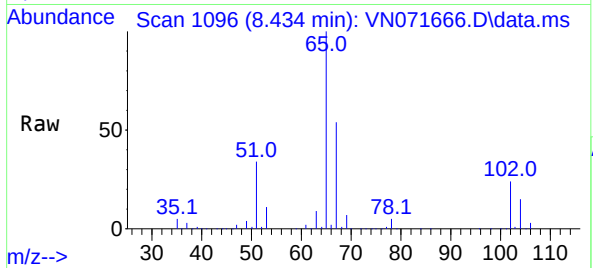
MDL-WATER-03-QT1-2022

Tgt Ion: 65 Resp: 363095

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

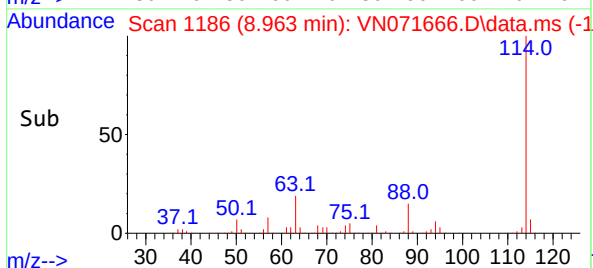
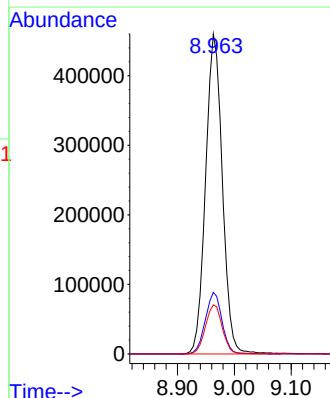
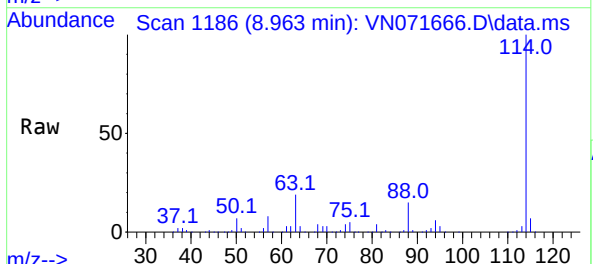
Tgt Ion: 114 Resp: 941087

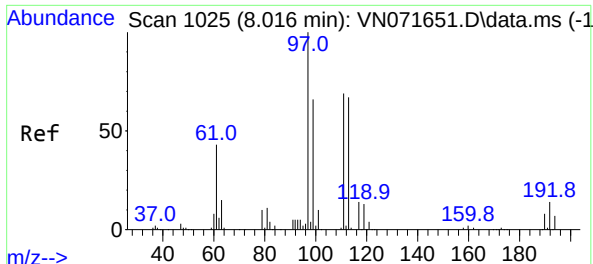
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.4 0.0 32.6

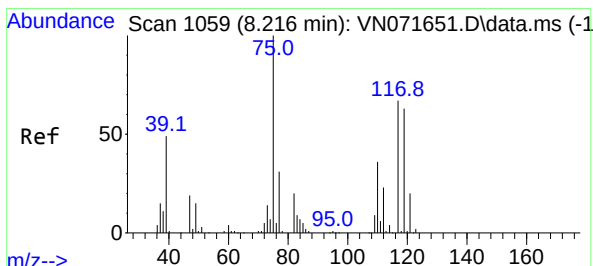
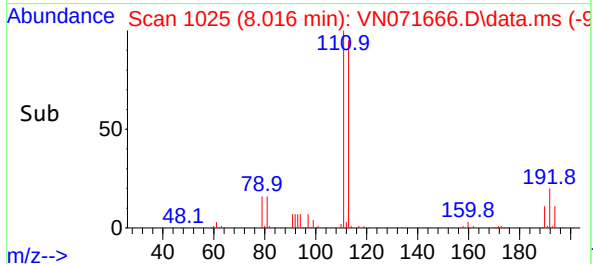
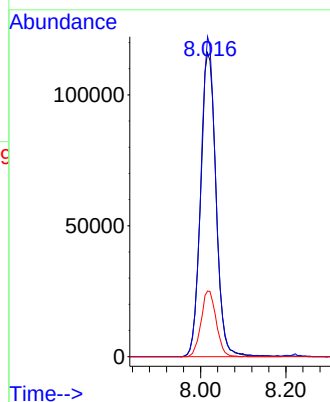
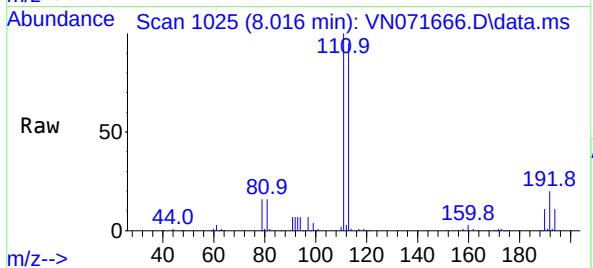




#35
Dibromofluoromethane
Concen: 52.547 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

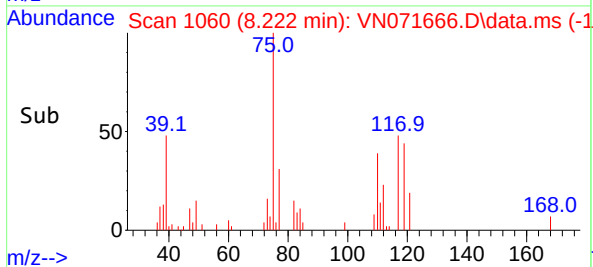
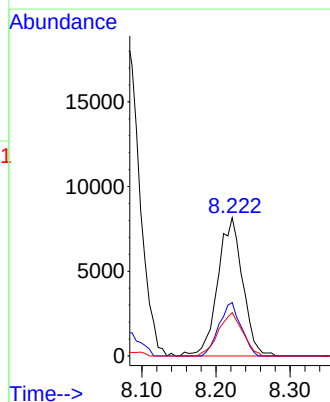
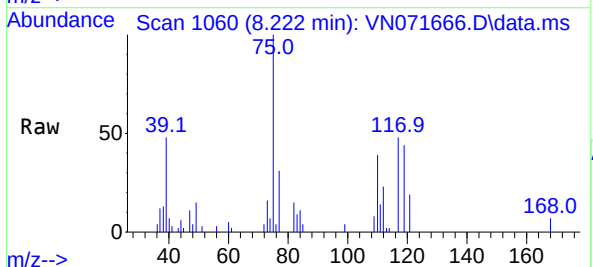
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

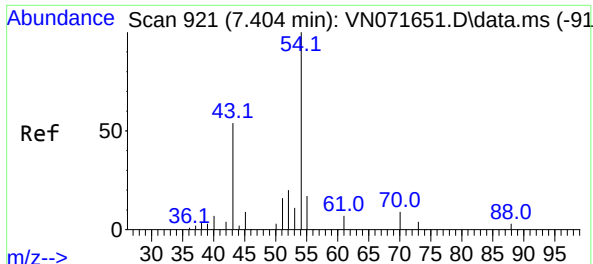
Tgt Ion:113 Resp: 290992
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 21.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 2.460 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 75 Resp: 19024
Ion Ratio Lower Upper
75 100
110 34.1 18.3 54.8
77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 2.611 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

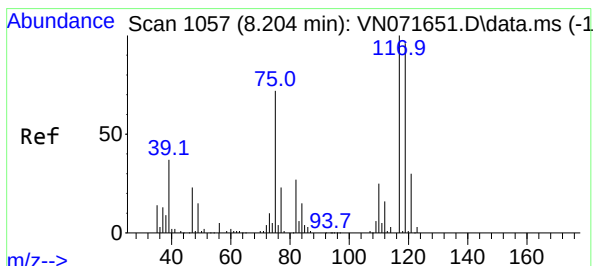
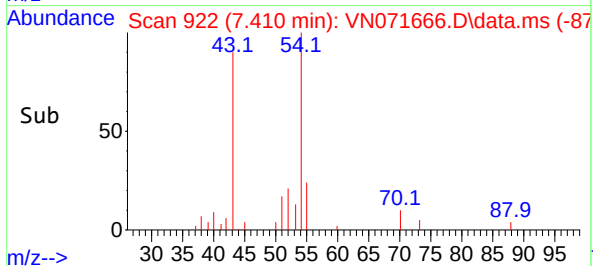
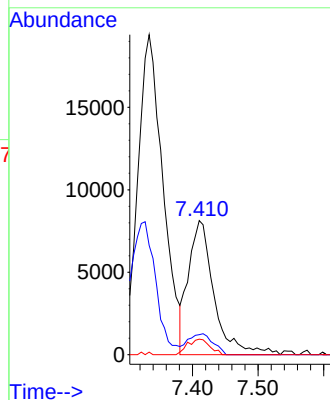
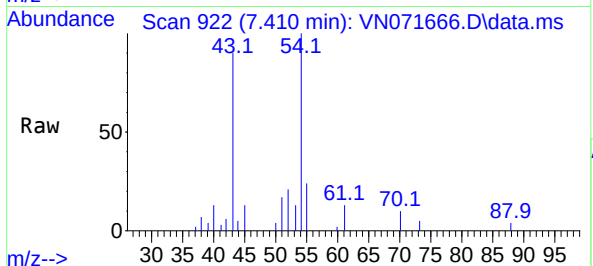
Tgt Ion: 43 Resp: 22099

Ion Ratio Lower Upper

43 100

61 15.3 11.8 17.6

70 10.0 9.3 13.9



#38

Carbon Tetrachloride

Concen: 2.436 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

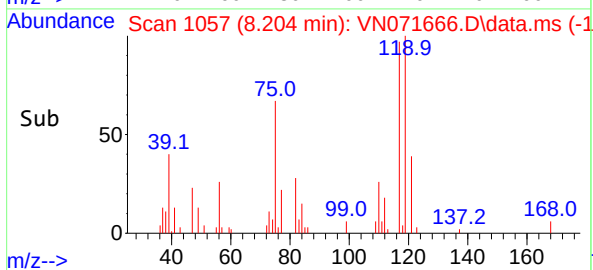
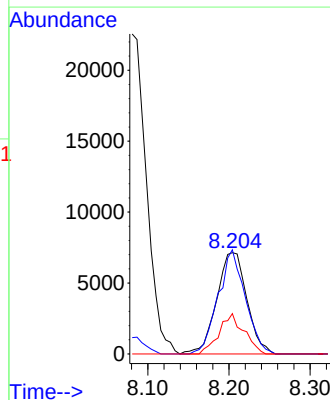
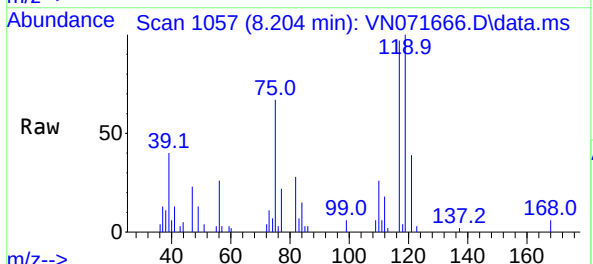
Tgt Ion: 117 Resp: 18463

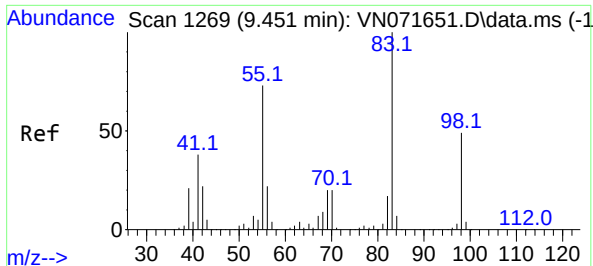
Ion Ratio Lower Upper

117 100

119 102.8 75.8 113.8

121 39.8 24.6 37.0#





#39

Methylcyclohexane

Concen: 2.329 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

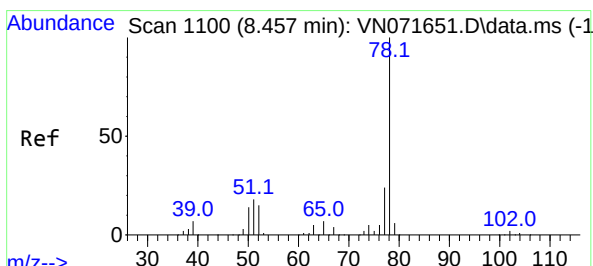
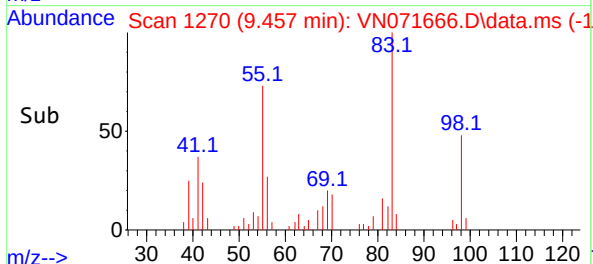
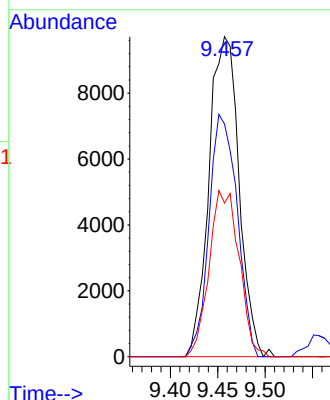
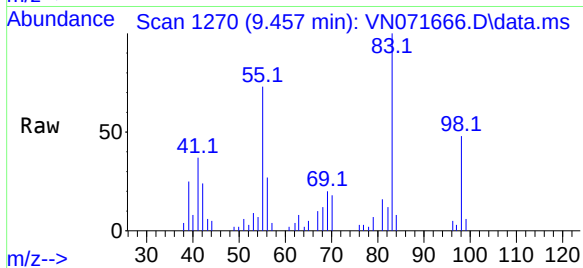
Tgt Ion: 83 Resp: 21437

Ion Ratio Lower Upper

83 100

55 72.7 57.8 86.8

98 48.0 39.4 59.2



#40

Benzene

Concen: 2.462 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071666.D

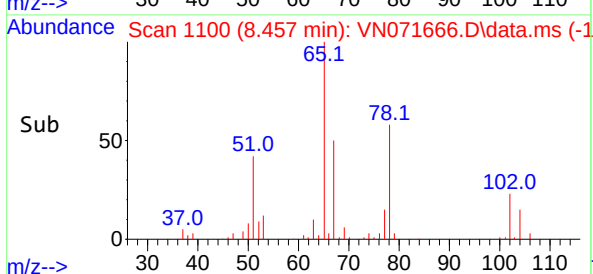
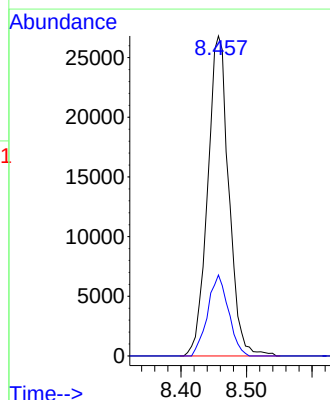
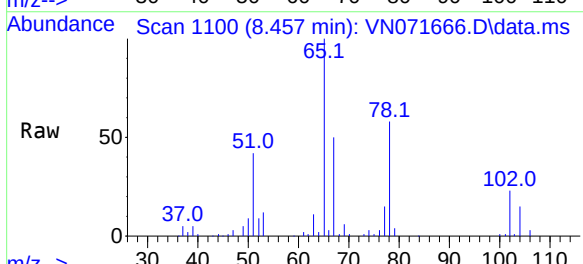
Acq: 30 Mar 2022 18:08

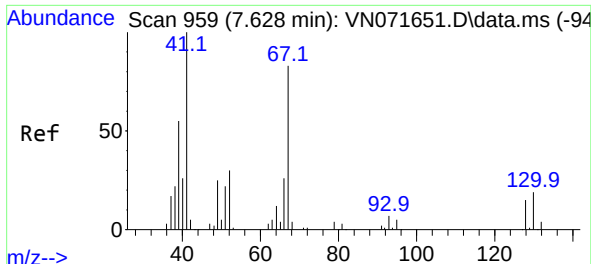
Tgt Ion: 78 Resp: 60137

Ion Ratio Lower Upper

78 100

77 25.3 19.4 29.0



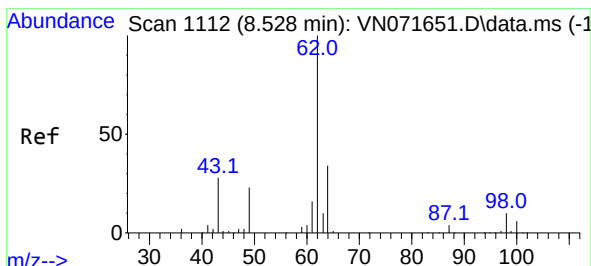
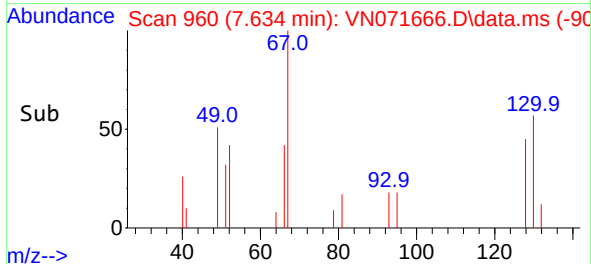
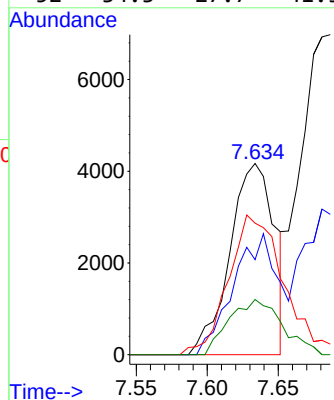
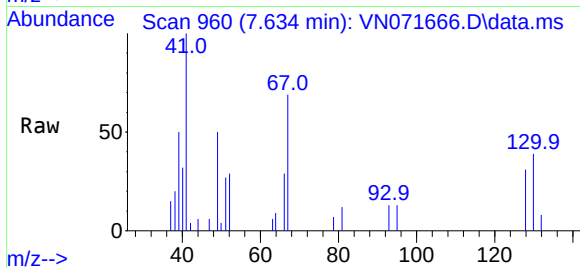


#41
Methacrylonitrile
Concen: 2.212 ug/l
RT: 7.634 min Scan# 9167
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 41 Resp: 9167

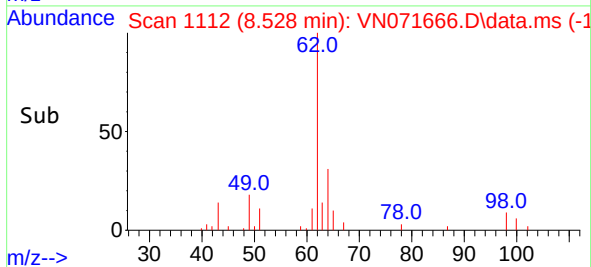
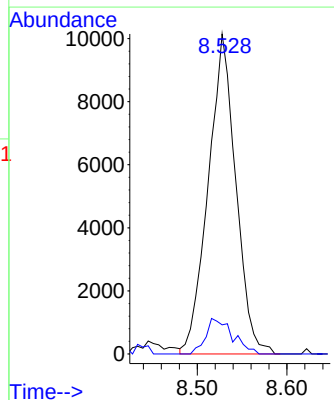
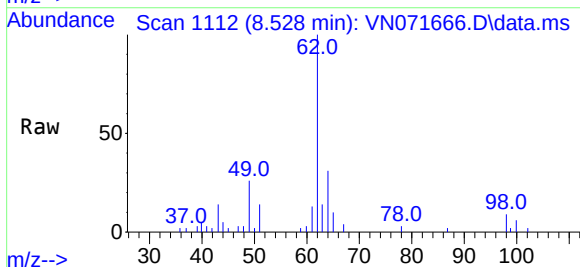
Ion	Ratio	Lower	Upper
41	100		
39	64.0	48.6	73.0
67	89.3	73.4	110.2
52	34.3	27.7	41.5

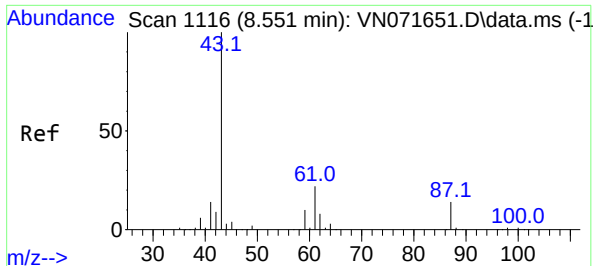


#42
1,2-Dichloroethane
Concen: 2.567 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 62 Resp: 21691

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 2.617 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

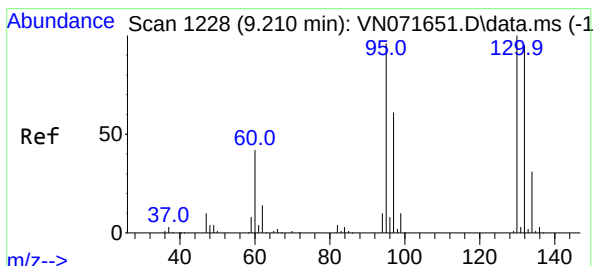
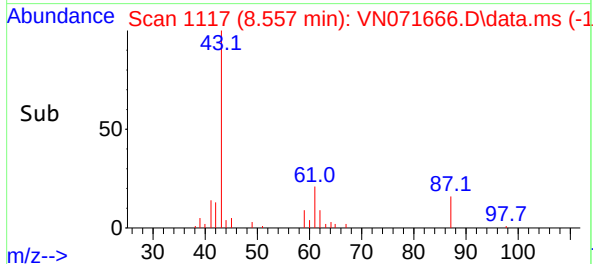
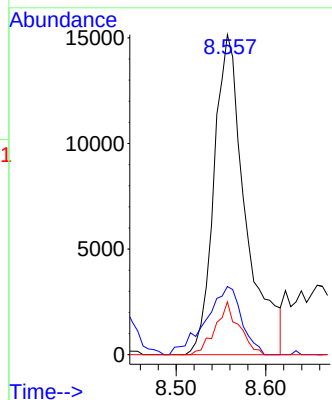
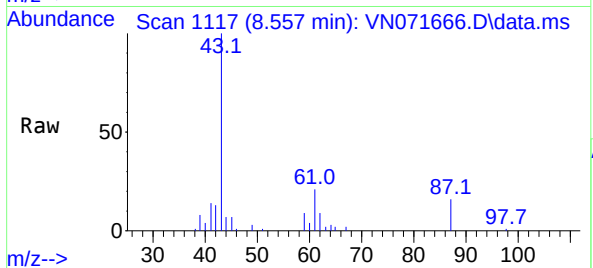
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 43	Resp: 36845
Ion Ratio	Lower Upper
43	100
61	24.2 21.9 32.9
87	12.4 12.0 18.0



#44

Trichloroethene

Concen: 2.351 ug/l

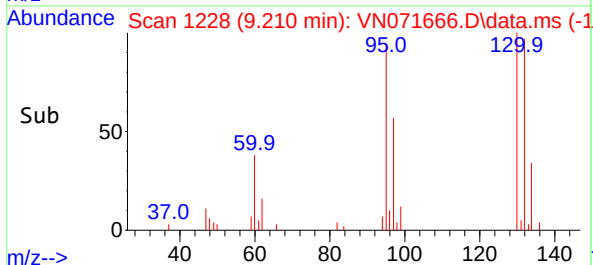
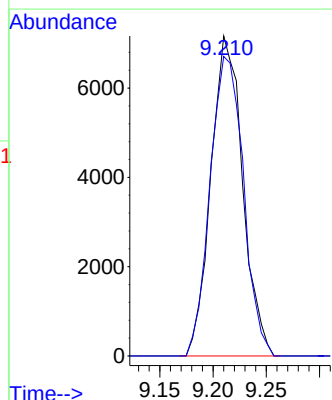
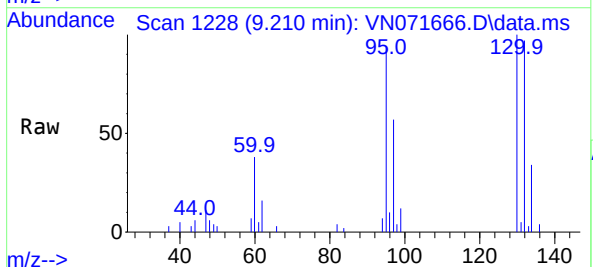
RT: 9.210 min Scan# 1228

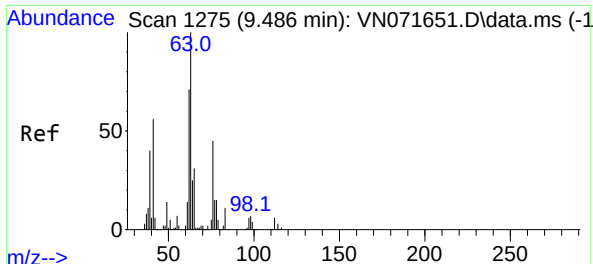
Delta R.T. 0.000 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

Tgt Ion: 130	Resp: 14796
Ion Ratio	Lower Upper
130	100
95	93.6 0.0 186.8

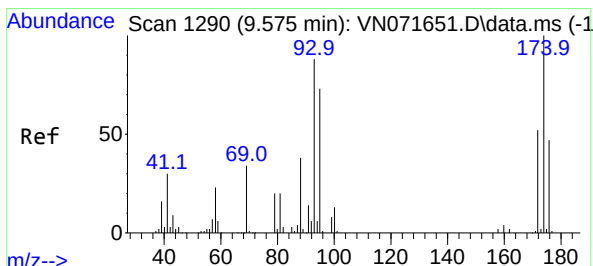
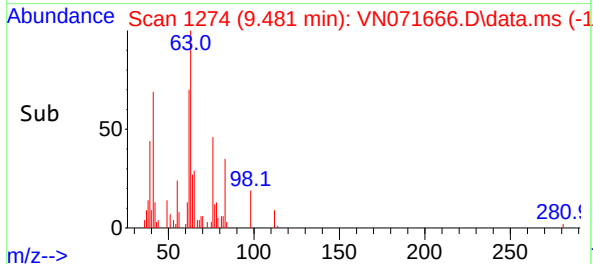
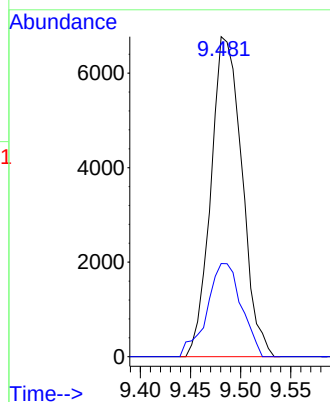
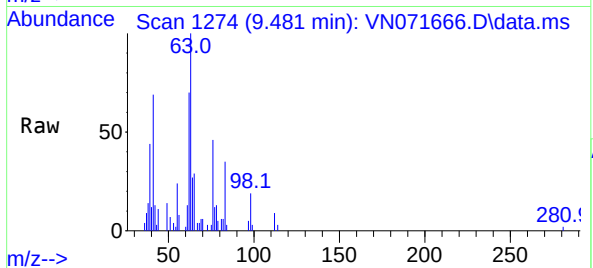




#45
1,2-Dichloropropane
Concen: 2.391 ug/l
RT: 9.481 min Scan# 1274
Delta R.T. -0.005 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

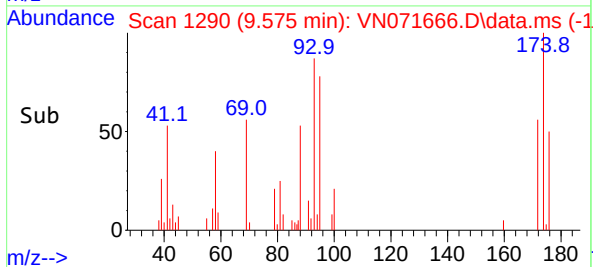
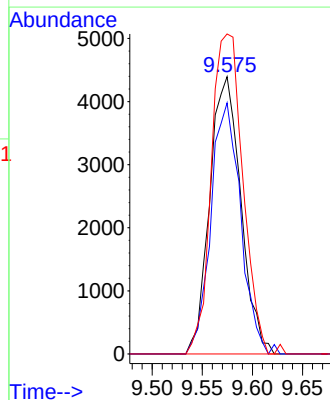
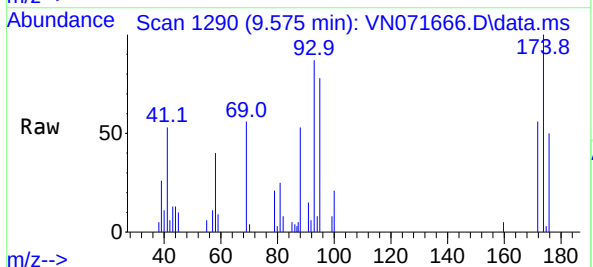
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

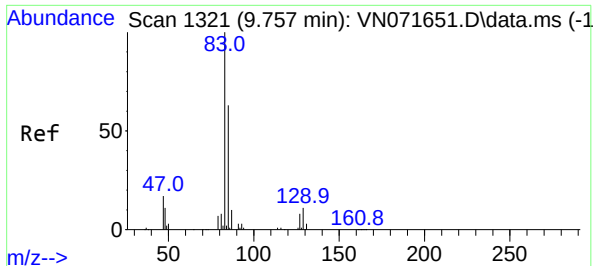
Tgt Ion: 63 Resp: 14594
Ion Ratio Lower Upper
63 100
65 29.1 24.9 37.3



#46
Dibromomethane
Concen: 2.284 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 93 Resp: 9462
Ion Ratio Lower Upper
93 100
95 86.9 66.9 100.3
174 117.2 86.6 130.0

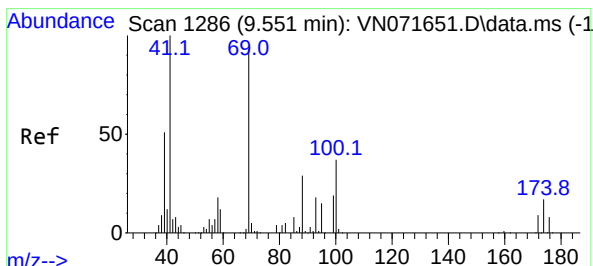
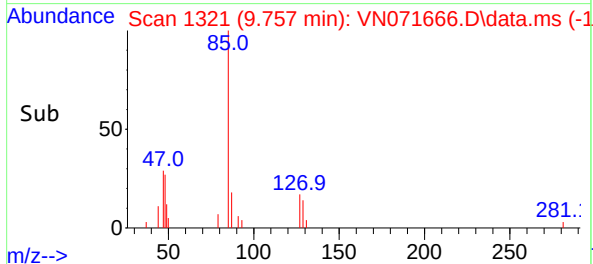
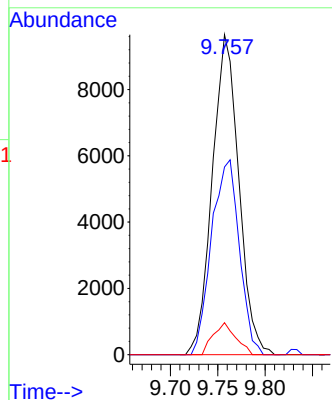
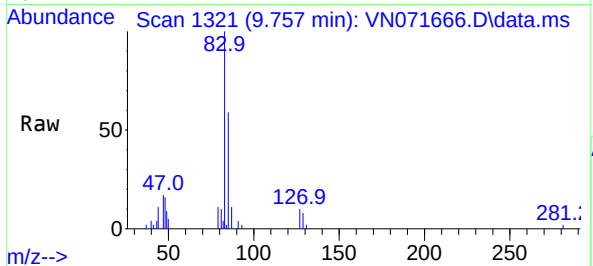




#47
Bromodichloromethane
Concen: 2.301 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

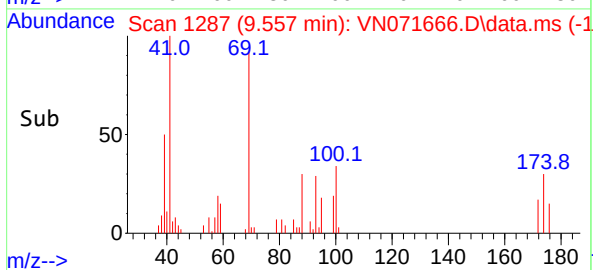
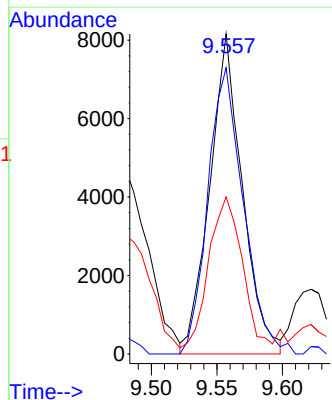
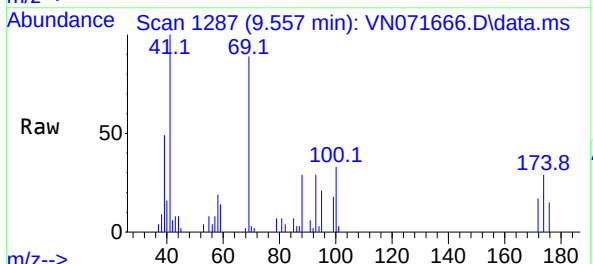
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

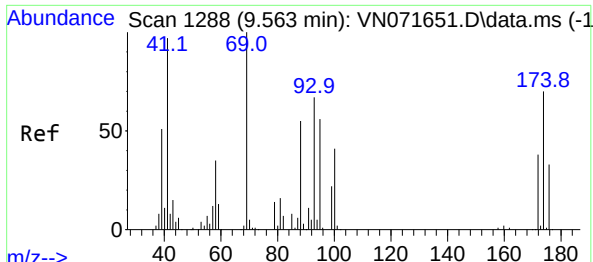
Tgt Ion:	83	Resp:	18767
Ion	Ratio	Lower	Upper
83	100		
85	58.6	50.5	75.7
127	10.0	6.8	10.2



#48
Methyl methacrylate
Concen: 2.418 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion:	41	Resp:	14125
Ion	Ratio	Lower	Upper
41	100		
69	97.3	74.7	112.1
39	52.2	45.6	68.4

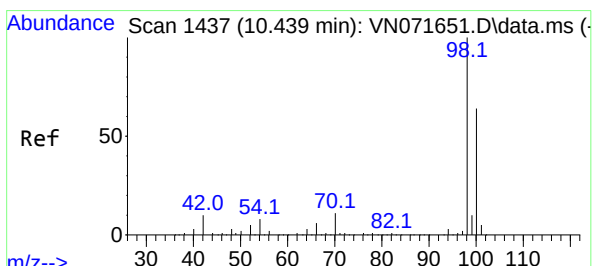
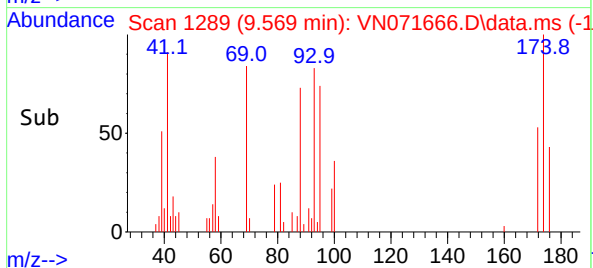
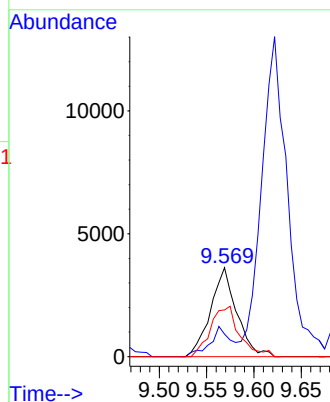
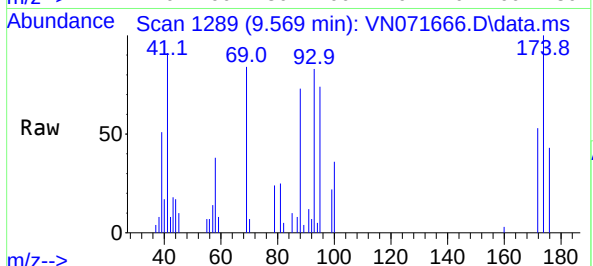




#49
1,4-Dioxane
Concen: 36.990 ug/l
RT: 9.569 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

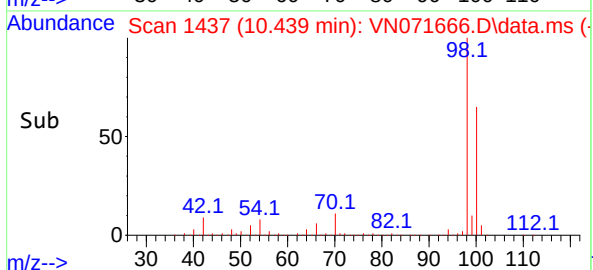
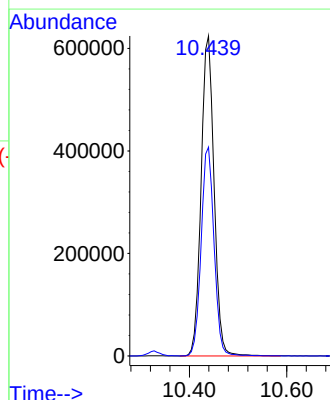
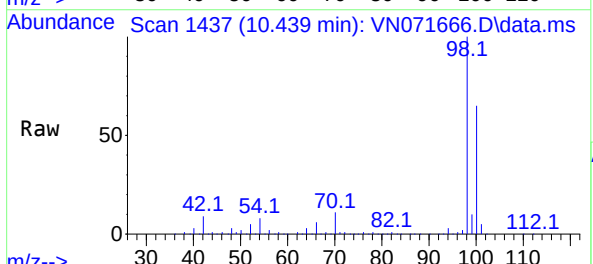
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

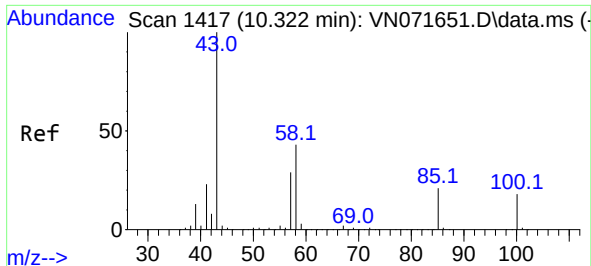
Tgt Ion: 88 Resp: 6969
Ion Ratio Lower Upper
88 100
43 26.1 20.2 30.4
58 62.3 54.2 81.4



#50
Toluene-d8
Concen: 50.868 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 98 Resp: 1152357
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 11.771 ug/l

RT: 10.328 min Scan# 1417

Delta R.T. 0.006 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

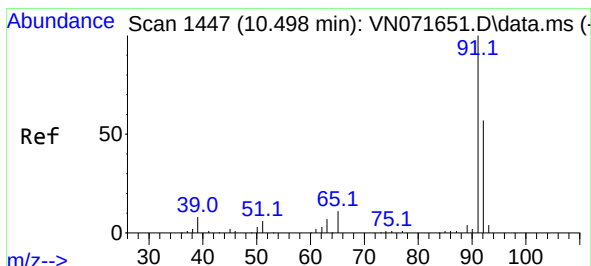
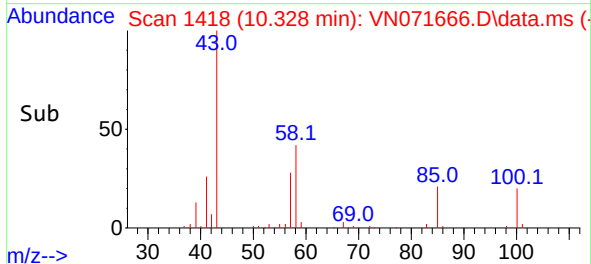
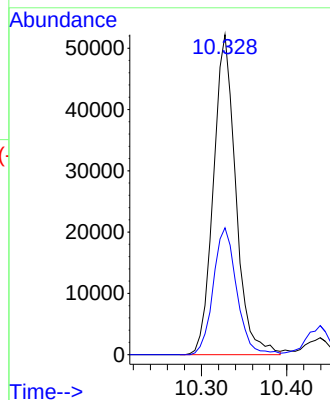
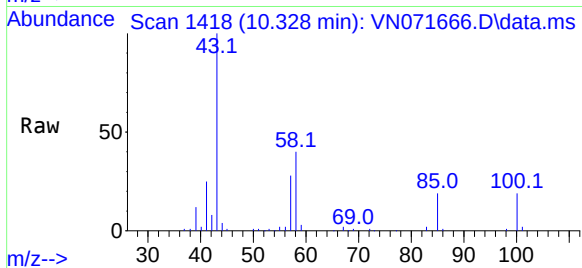
MDL-WATER-03-QT1-2022

Tgt Ion: 43 Resp: 95280

Ion Ratio Lower Upper

43 100

58 41.6 34.1 51.1



#52

Toluene

Concen: 2.512 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN071666.D

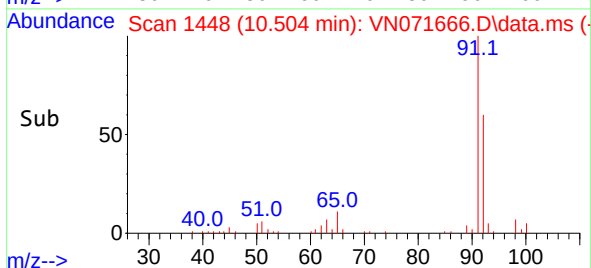
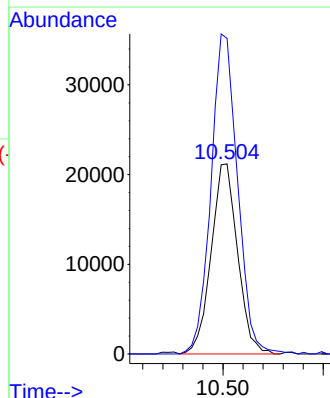
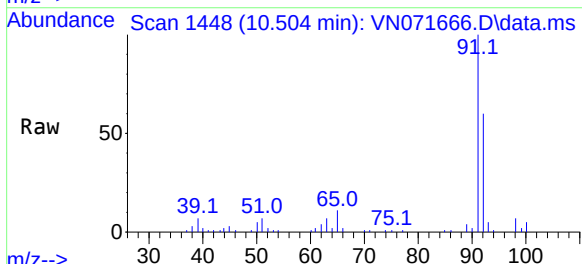
Acq: 30 Mar 2022 18:08

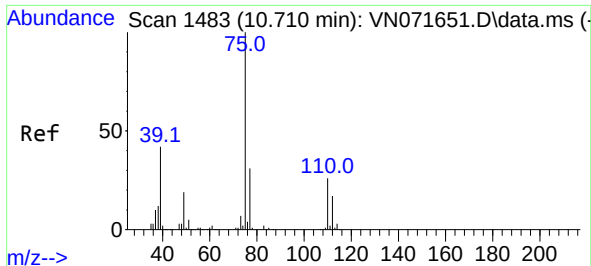
Tgt Ion: 92 Resp: 38788

Ion Ratio Lower Upper

92 100

91 170.0 138.6 207.8

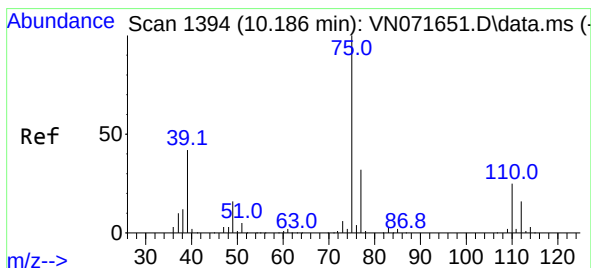
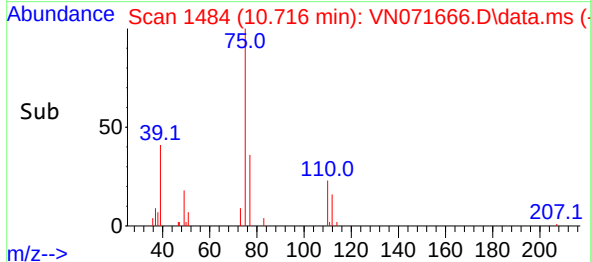
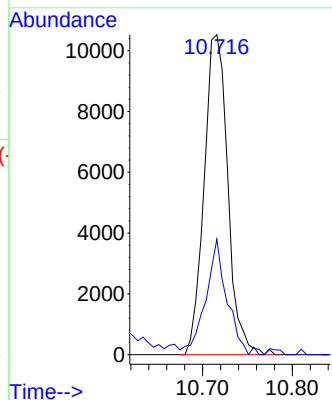
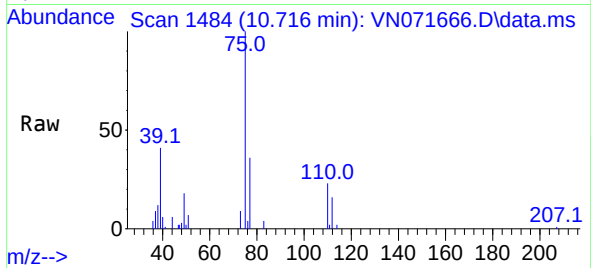




#53
t-1,3-Dichloropropene
Concen: 2.258 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

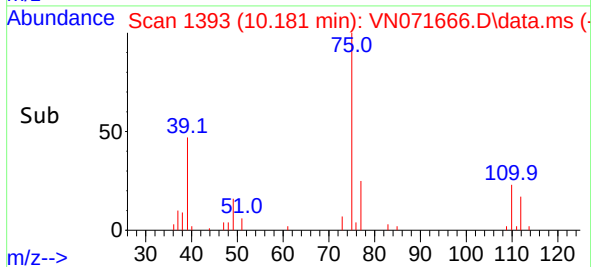
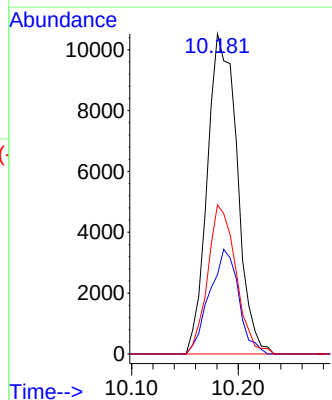
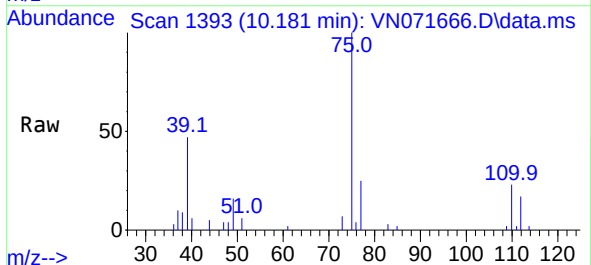
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

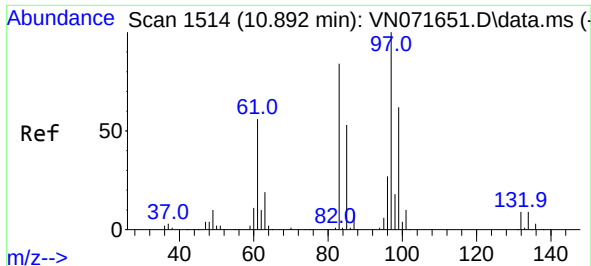
Tgt Ion: 75 Resp: 19306
Ion Ratio Lower Upper
75 100
77 34.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 2.166 ug/l
RT: 10.181 min Scan# 1393
Delta R.T. -0.005 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 75 Resp: 20457
Ion Ratio Lower Upper
75 100
77 24.8 25.2 37.8#
39 46.6 35.7 53.5

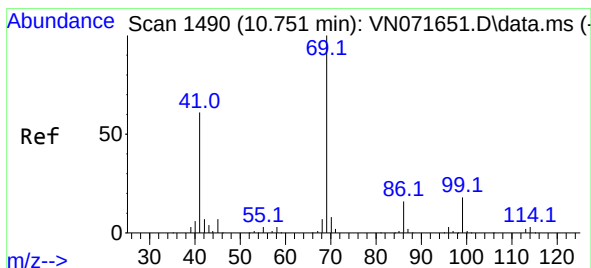
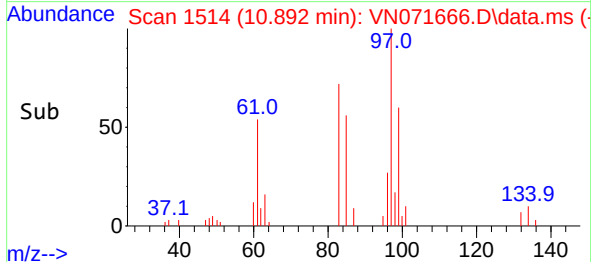
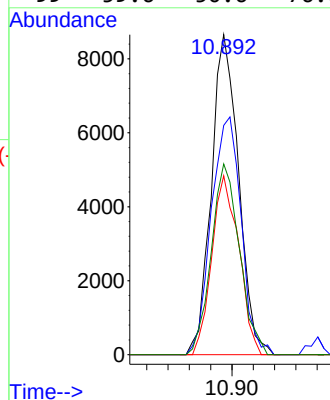
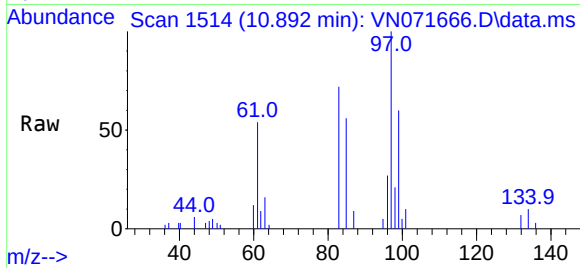




#55
1,1,2-Trichloroethane
Concen: 2.416 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

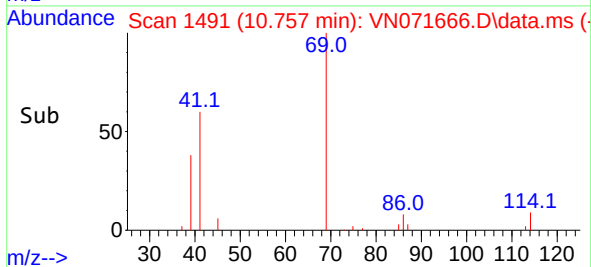
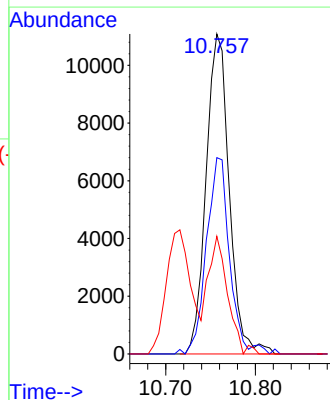
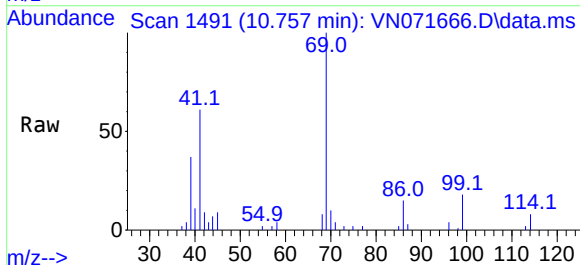
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

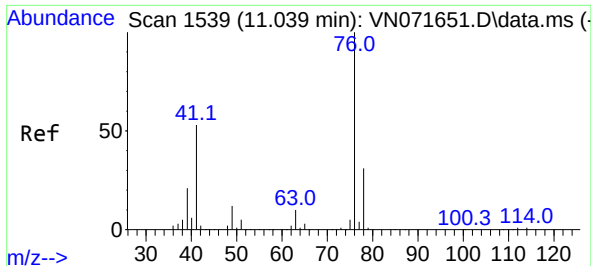
Tgt Ion: 97	Resp: 15357
Ion Ratio	Lower Upper
97 100	
83 71.6	66.2 99.4
85 55.9	43.9 65.9
99 59.6	50.6 76.0



#56
Ethyl methacrylate
Concen: 2.191 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 69	Resp: 19868
Ion Ratio	Lower Upper
69 100	
41 61.6	47.8 71.6
39 31.4	27.3 40.9





#57

1,3-Dichloropropane

Concen: 2.359 ug/l

RT: 11.045 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

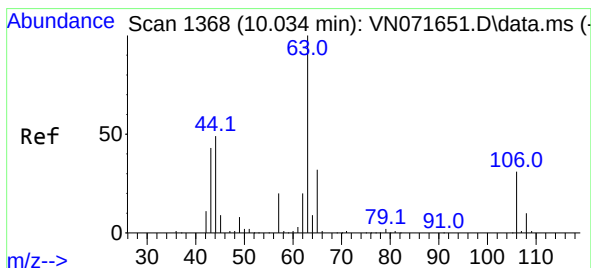
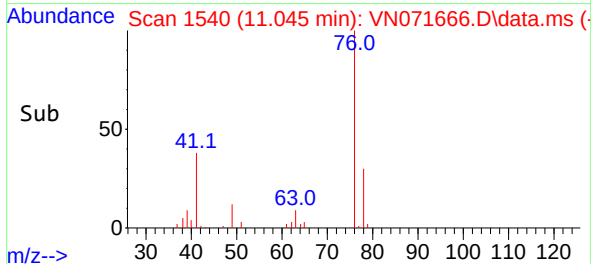
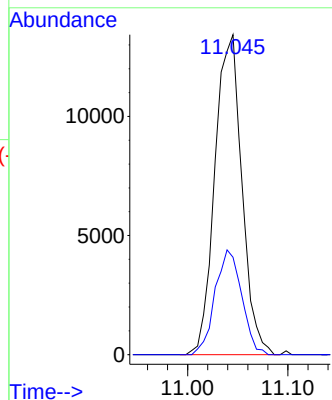
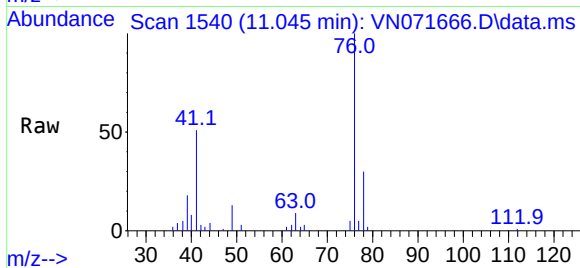
MDL-WATER-03-QT1-2022

Tgt Ion: 76 Resp: 25071

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 24.331 ug/l

RT: 10.034 min Scan# 1368

Delta R.T. -0.001 min

Lab File: VN071666.D

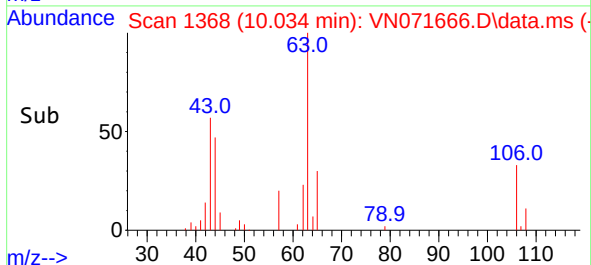
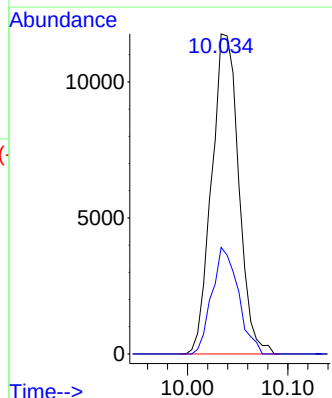
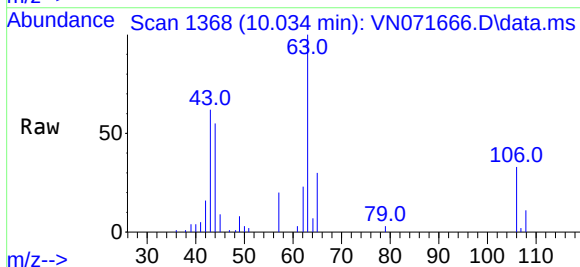
Acq: 30 Mar 2022 18:08

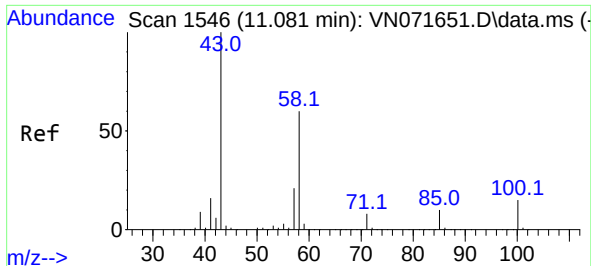
Tgt Ion: 63 Resp: 22053

Ion Ratio Lower Upper

63 100

106 32.5 24.6 36.8

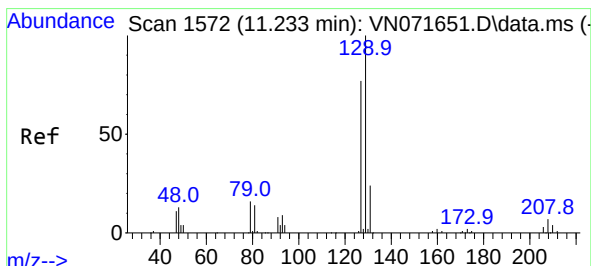
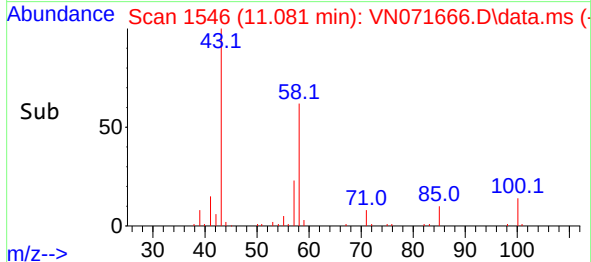
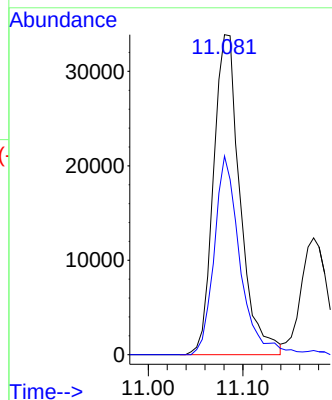
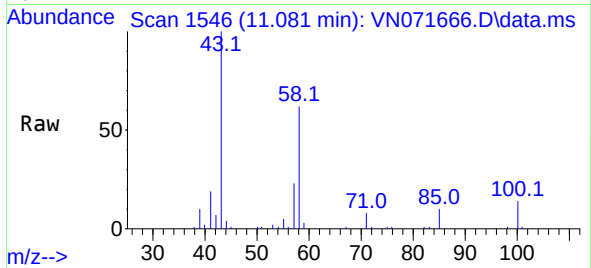




#59
2-Hexanone
Concen: 11.635 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

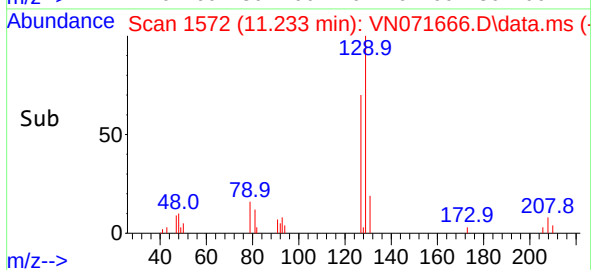
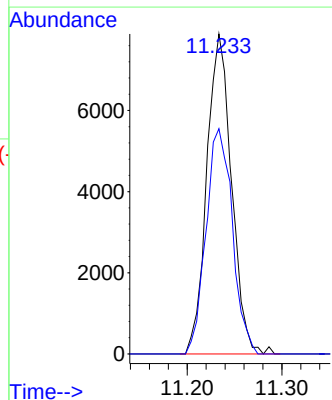
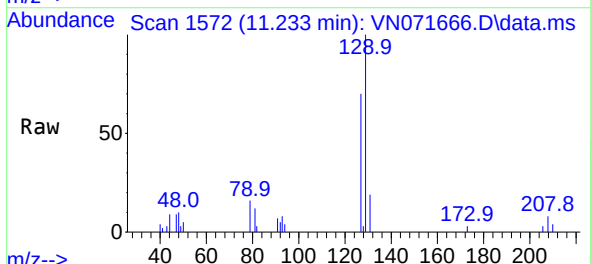
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

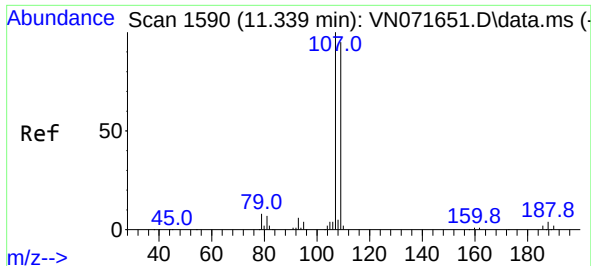
Tgt Ion: 43 Resp: 66309
Ion Ratio Lower Upper
43 100
58 60.0 29.7 89.1



#60
Dibromochloromethane
Concen: 2.315 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 129 Resp: 14343
Ion Ratio Lower Upper
129 100
127 74.9 38.8 116.4

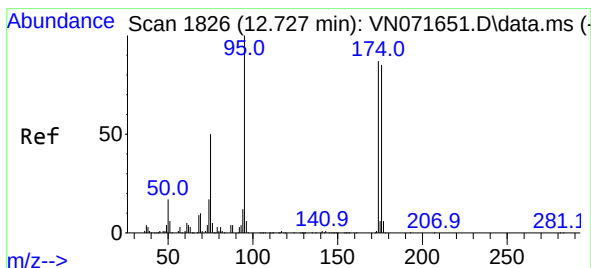
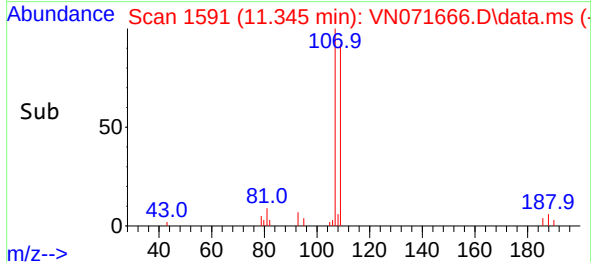
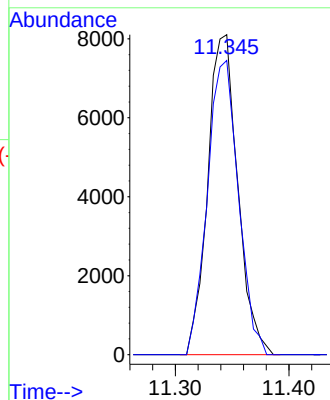
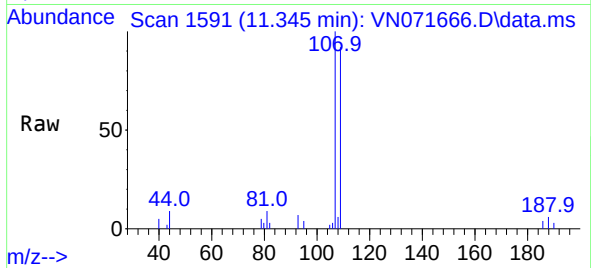




#61
1,2-Dibromoethane
Concen: 2.376 ug/l
RT: 11.345 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

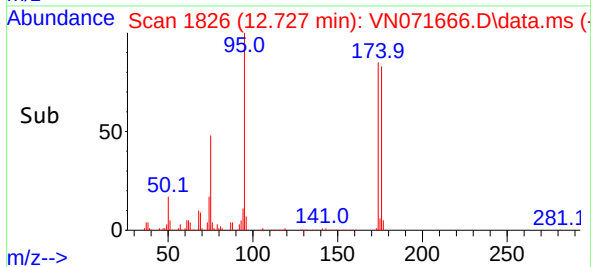
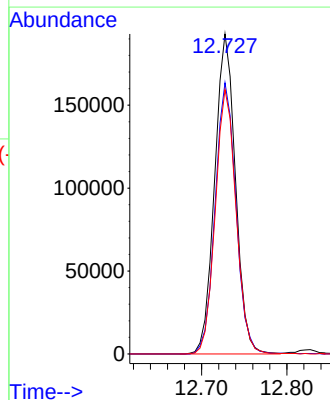
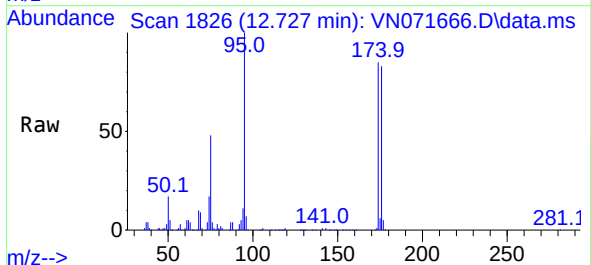
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

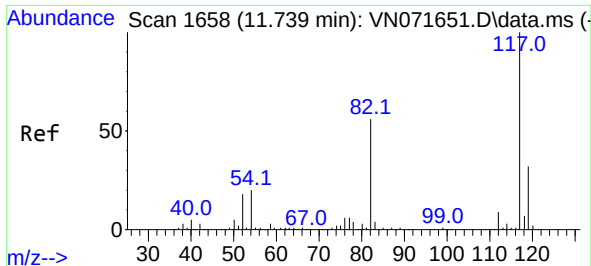
Tgt Ion:107 Resp: 14863
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 44.607 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 95 Resp: 326814
Ion Ratio Lower Upper
95 100
174 85.1 0.0 167.6
176 82.6 0.0 163.4

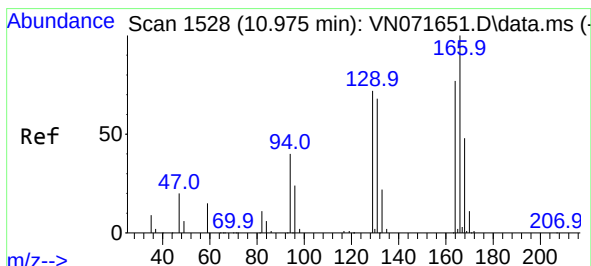
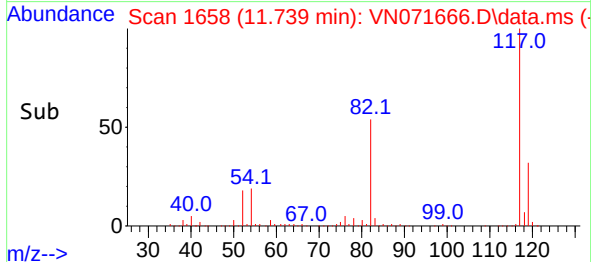
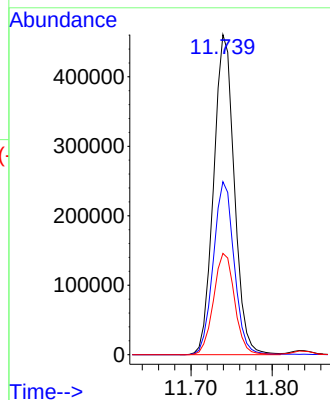
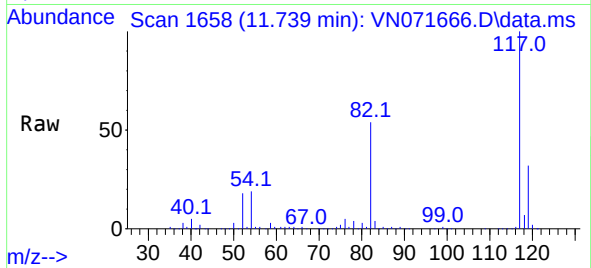




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

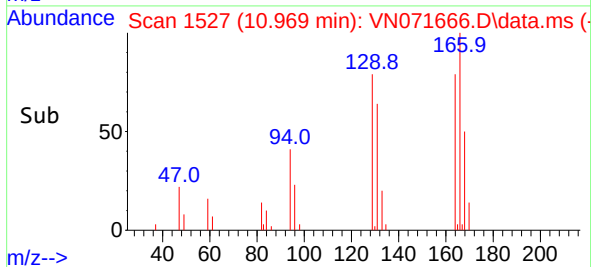
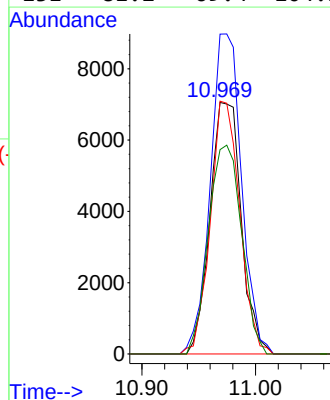
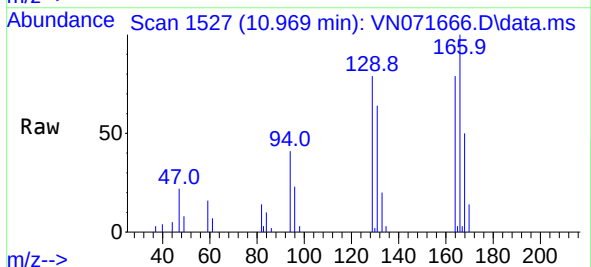
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

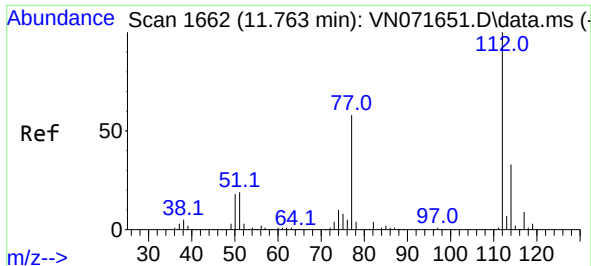
Tgt Ion:117 Resp: 815636
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 2.501 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion:164 Resp: 13471
Ion Ratio Lower Upper
164 100
166 127.1 104.2 156.2
129 100.5 73.9 110.9
131 81.2 69.4 104.2

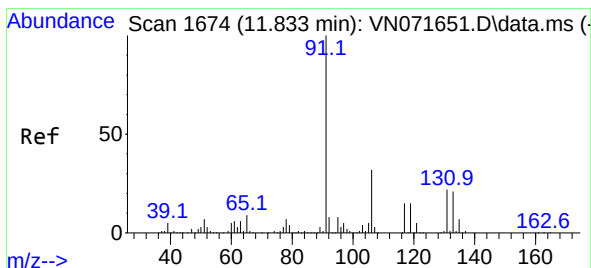
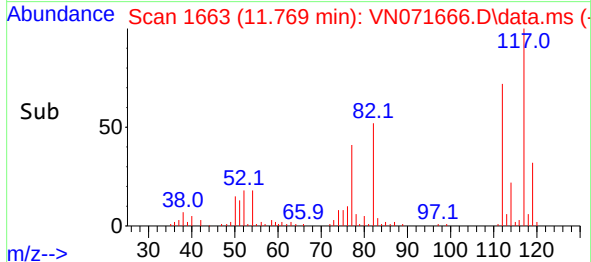
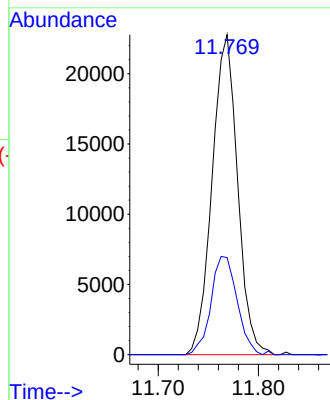
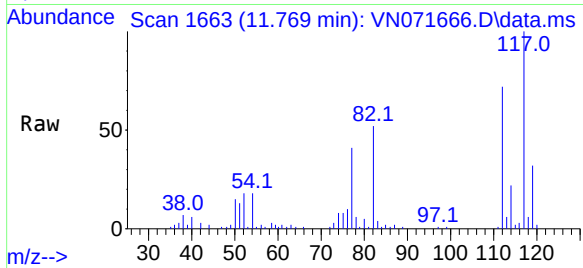




#65
Chlorobenzene
Concen: 2.458 ug/l
RT: 11.769 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

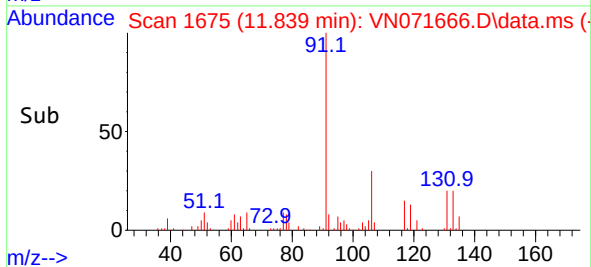
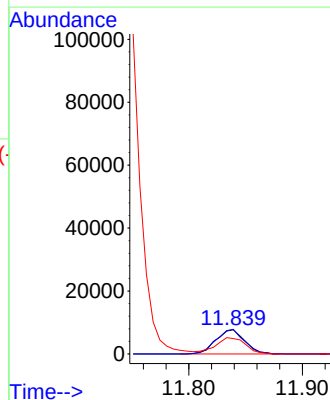
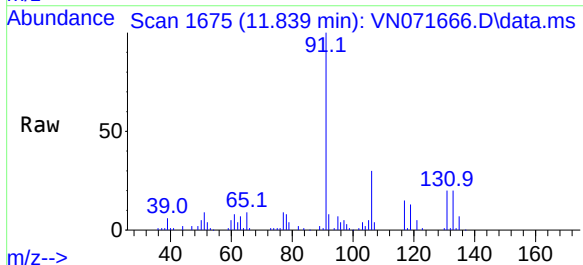
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

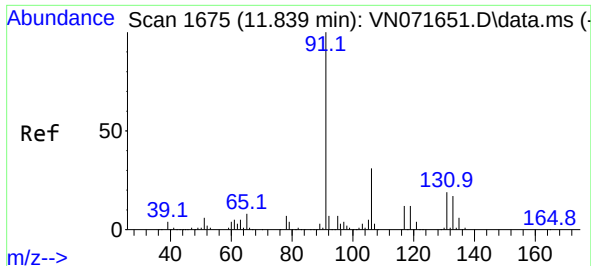
Tgt Ion:112 Resp: 40149
Ion Ratio Lower Upper
112 100
114 30.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 2.282 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion:131 Resp: 13447
Ion Ratio Lower Upper
131 100
133 101.1 47.8 143.4
119 71.2 33.4 100.2

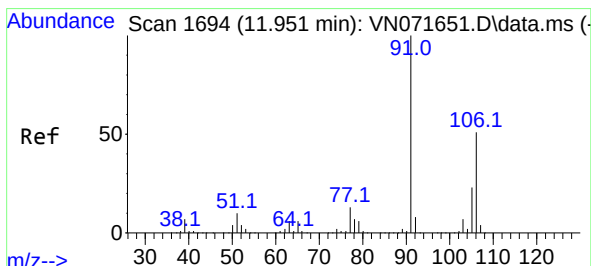
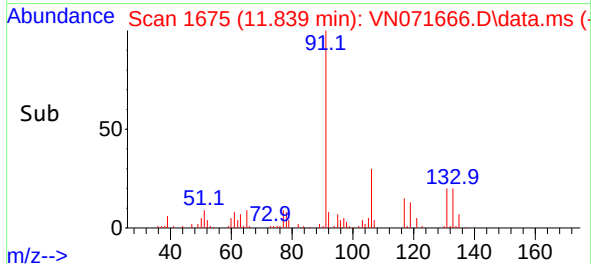
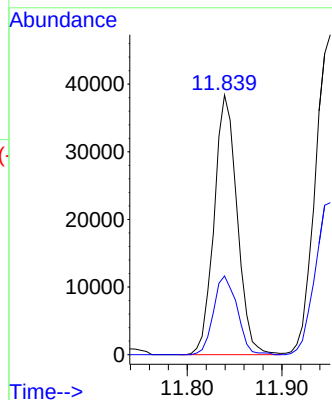
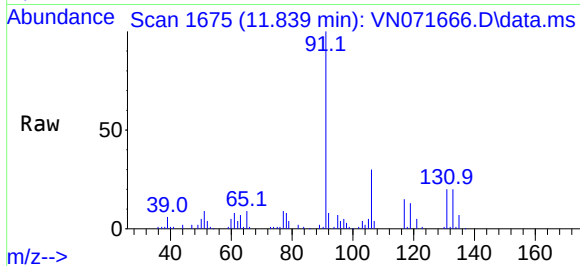




#67
Ethyl Benzene
Concen: 2.347 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

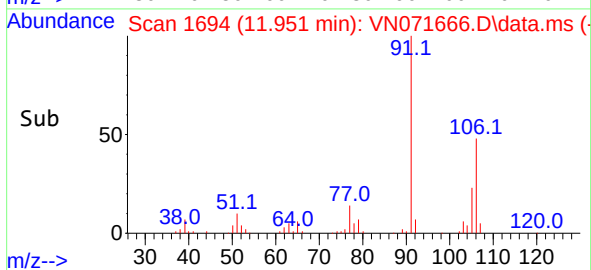
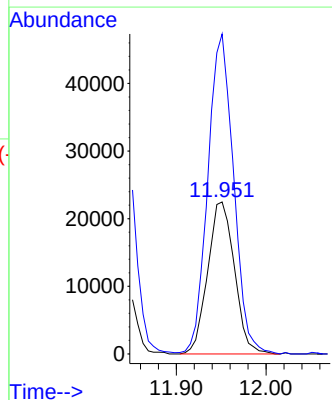
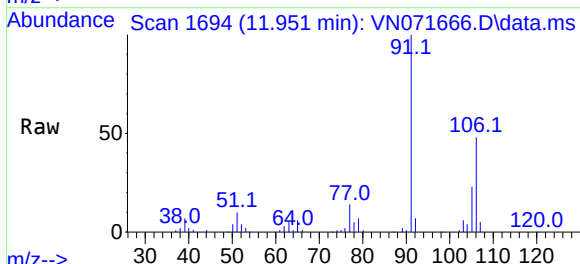
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

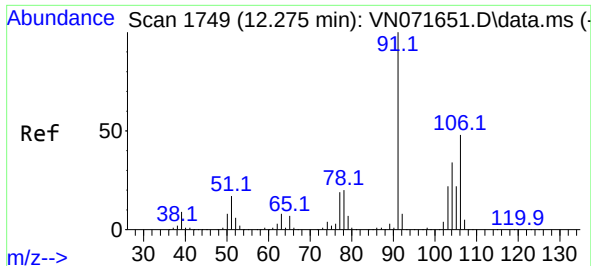
Tgt Ion: 91 Resp: 64880
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3



#68
m/p-Xylenes
Concen: 4.382 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 106 Resp: 46545
Ion Ratio Lower Upper
106 100
91 202.8 158.9 238.3

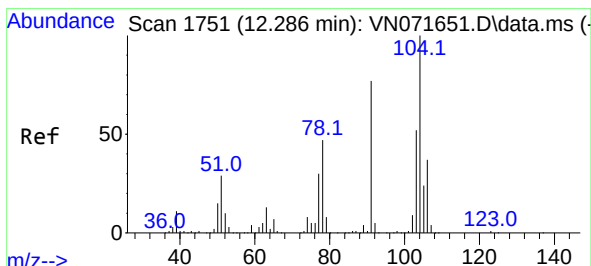
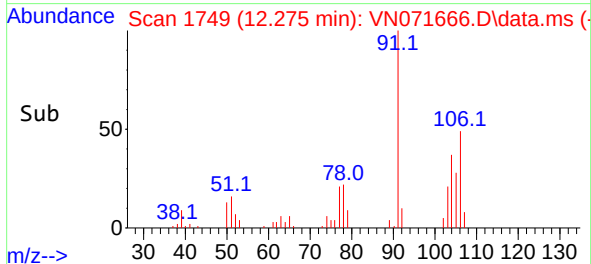
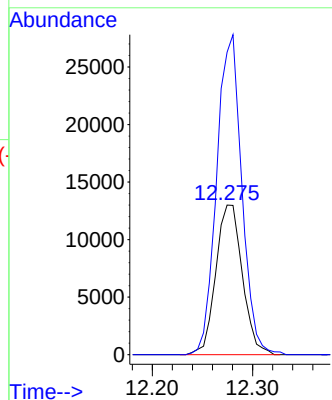
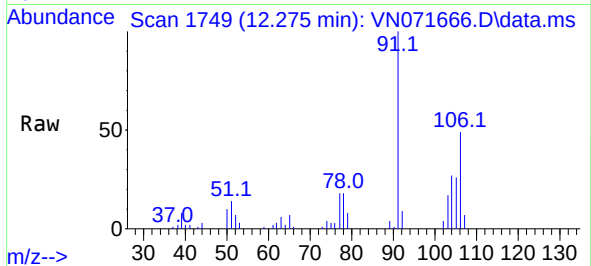




#69
o-Xylene
Concen: 2.262 ug/l
RT: 12.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

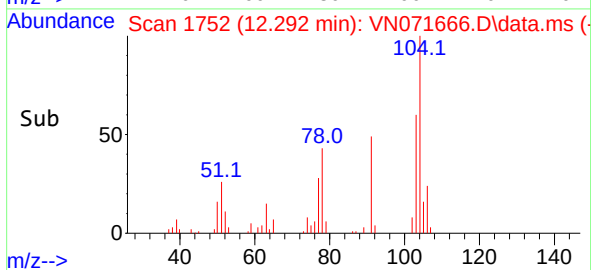
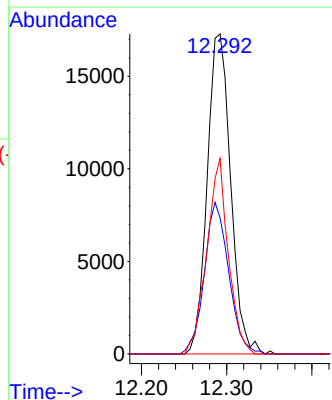
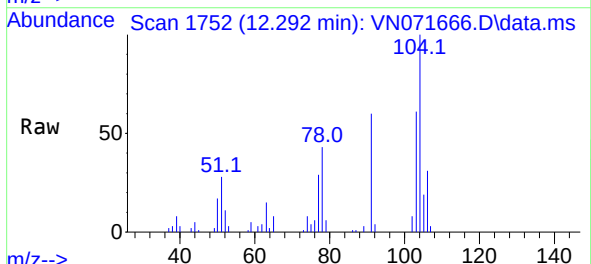
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

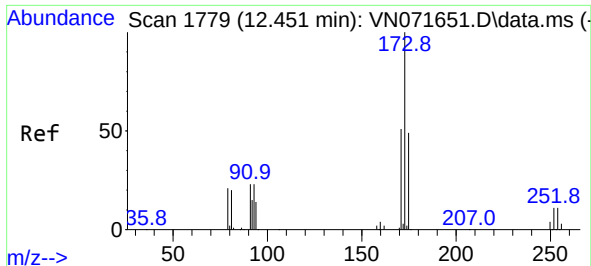
Tgt Ion:106 Resp: 23850
Ion Ratio Lower Upper
106 100
91 202.5 106.0 318.0



#70
Styrene
Concen: 2.073 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion:104 Resp: 33111
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 56.1 44.0 66.0

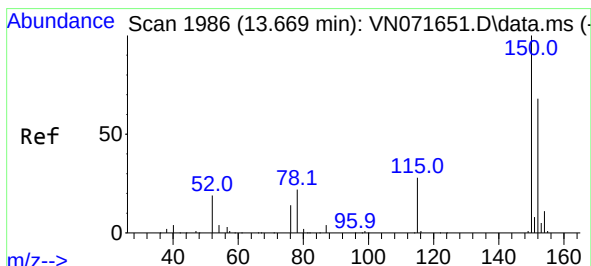
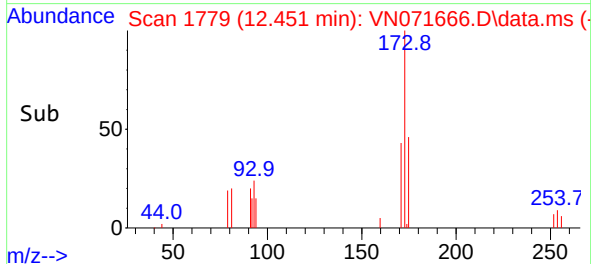
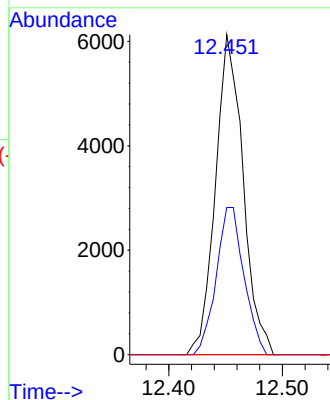
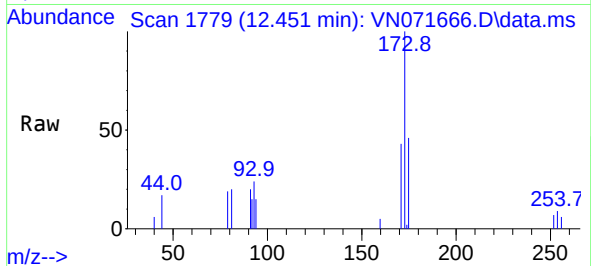




#71
Bromoform
Concen: 2.306 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

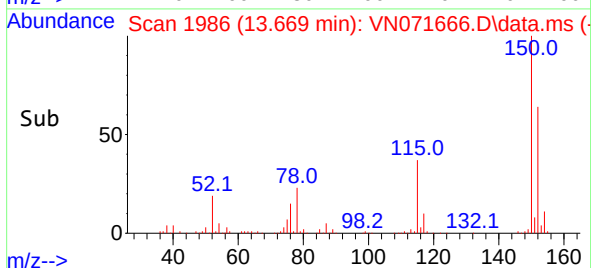
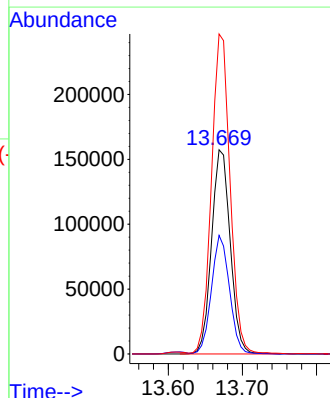
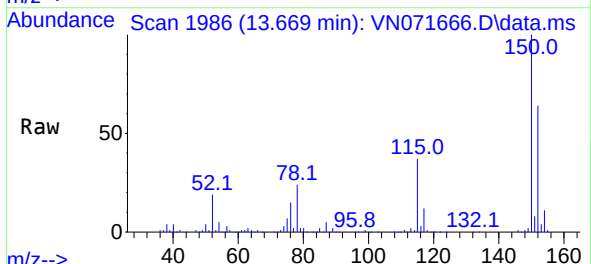
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

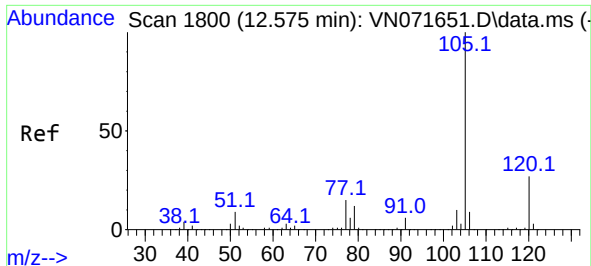
Tgt Ion:173 Resp: 10347
Ion Ratio Lower Upper
173 100
175 46.3 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion:152 Resp: 275330
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 156.1 0.0 356.2

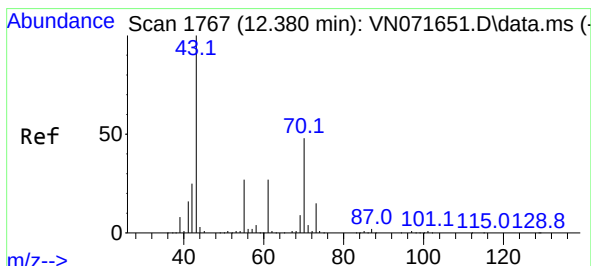
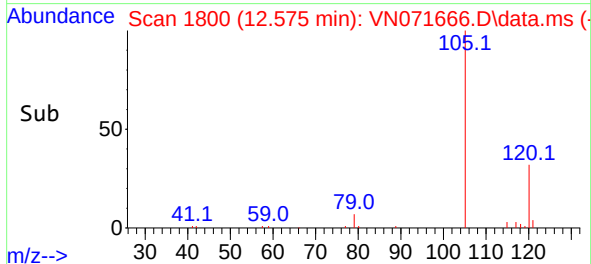
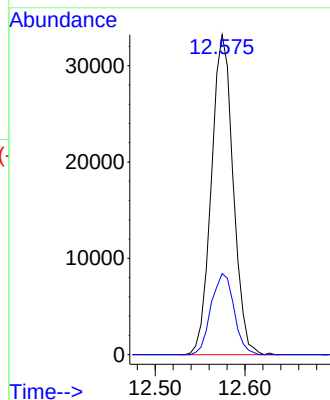
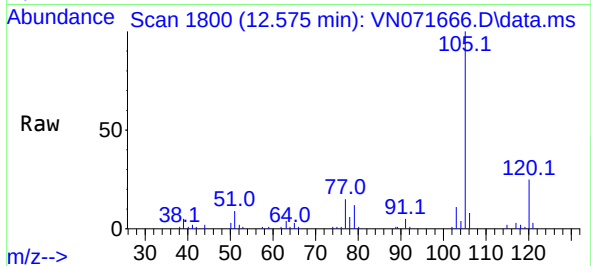




#73
Isopropylbenzene
Concen: 2.413 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

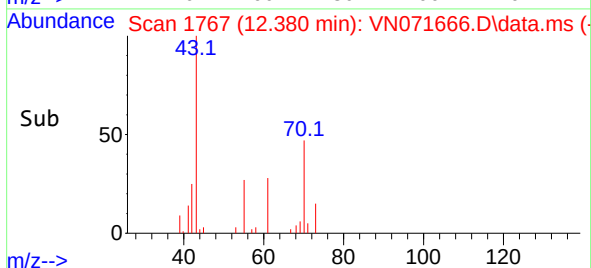
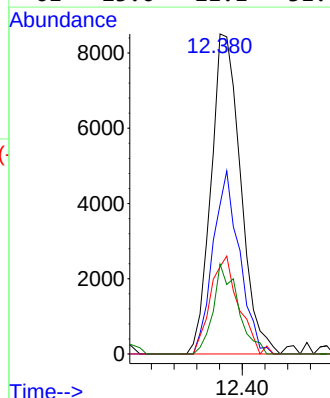
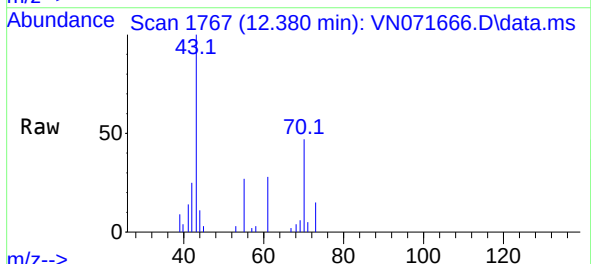
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

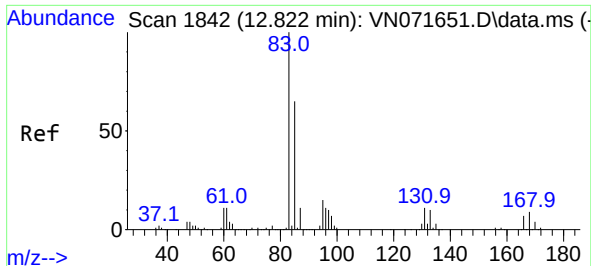
Tgt Ion:105 Resp: 55985
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 2.317 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 43 Resp: 15400
Ion Ratio Lower Upper
43 100
70 51.2 39.0 58.4
55 29.2 21.1 31.7
61 23.6 21.1 31.7

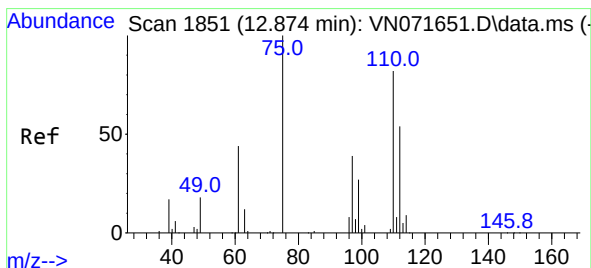
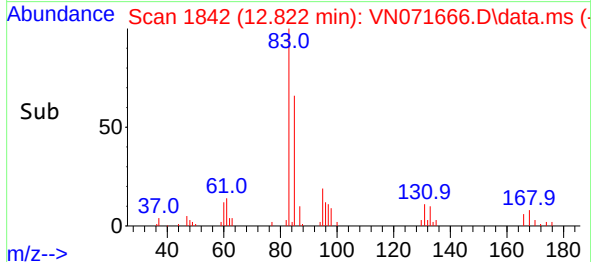
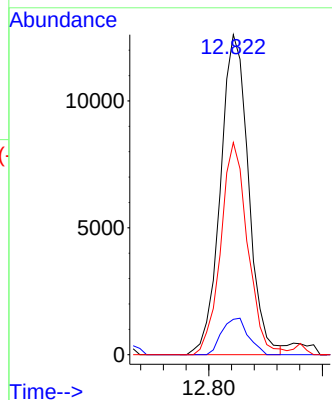
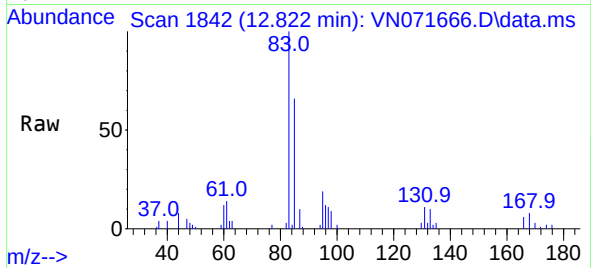




#75
1,1,2,2-Tetrachloroethane
Concen: 2.797 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

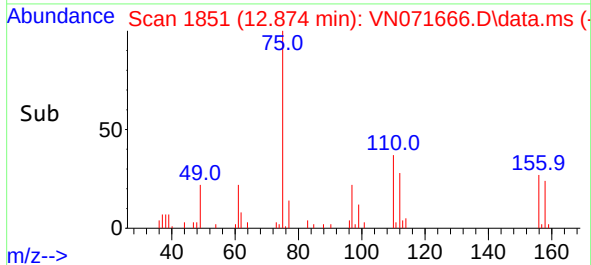
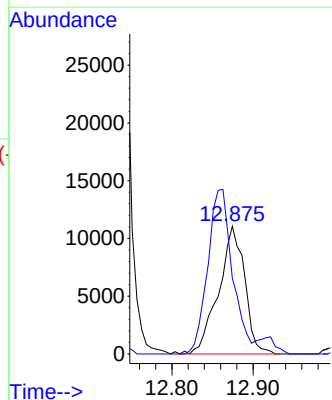
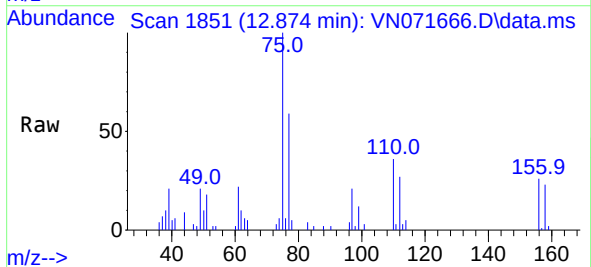
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

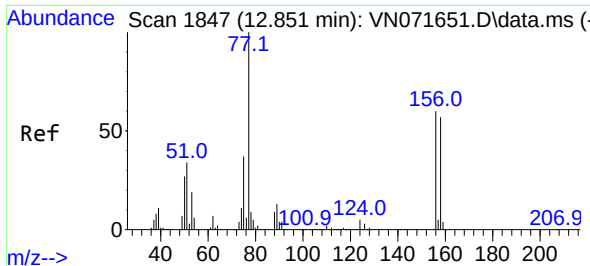
Tgt Ion: 83 Resp: 21653
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 63.8 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 3.865 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 75 Resp: 24650
Ion Ratio Lower Upper
75 100
77 123.8 98.5 295.5

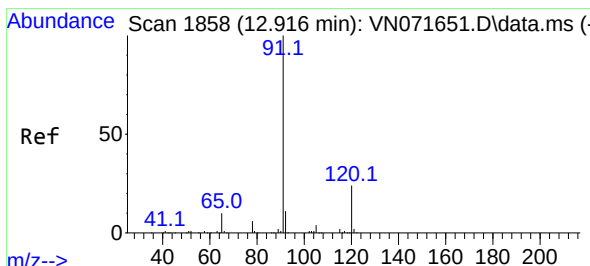
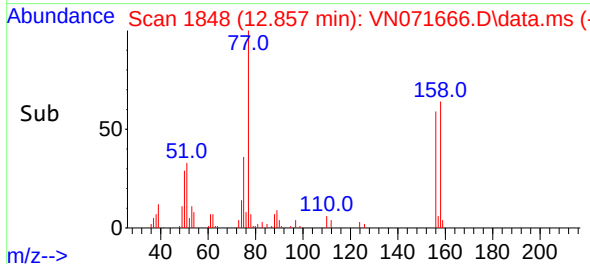
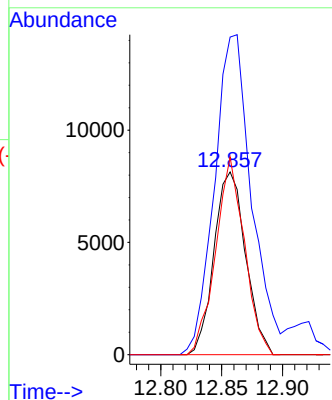
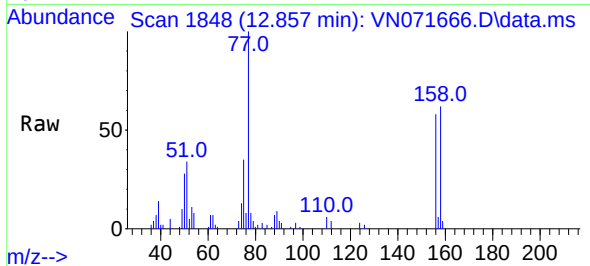




#77
Bromobenzene
Concen: 2.526 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

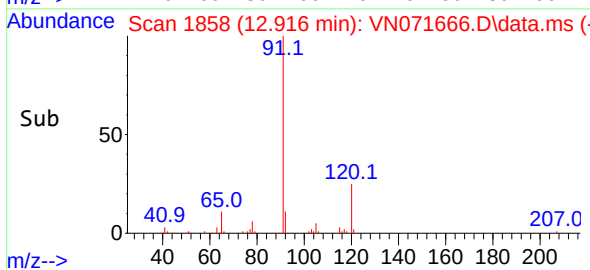
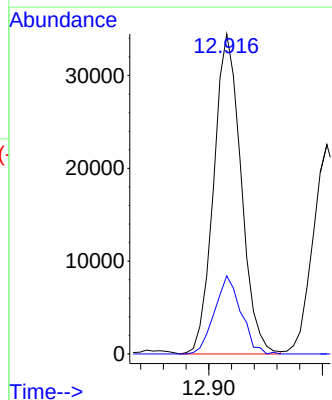
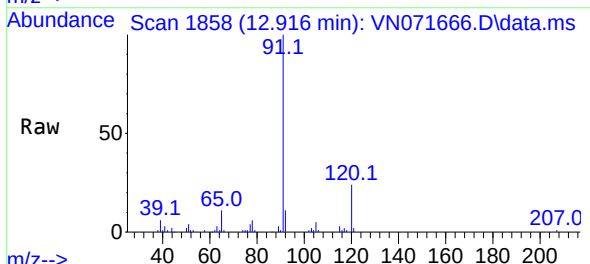
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

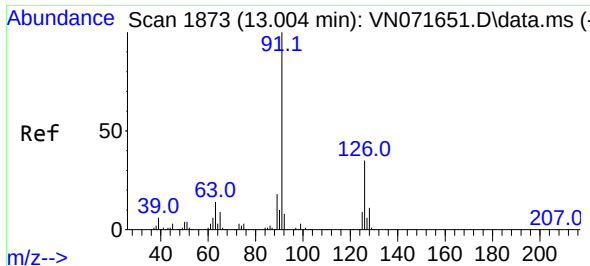
Tgt Ion:156 Resp: 14692
Ion Ratio Lower Upper
156 100
77 207.7 100.5 301.5
158 98.4 48.9 146.6



#78
n-propylbenzene
Concen: 2.363 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 91 Resp: 57661
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5

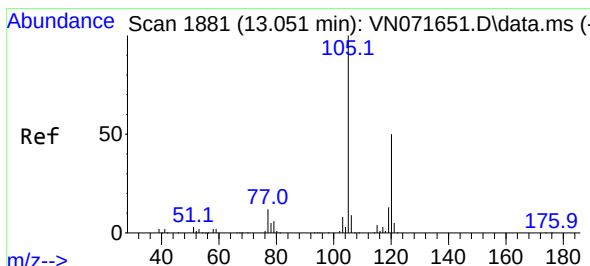
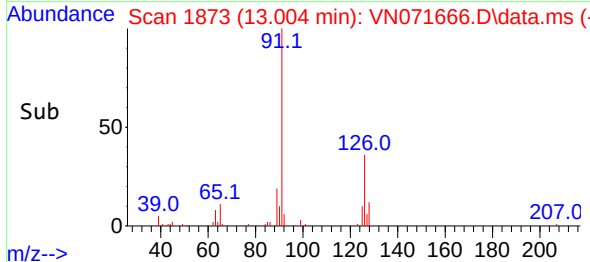
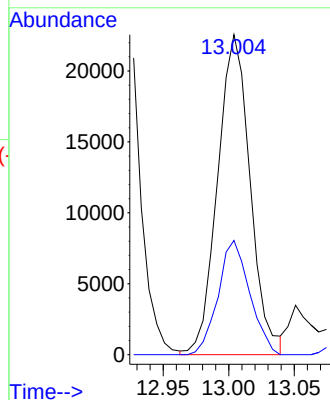
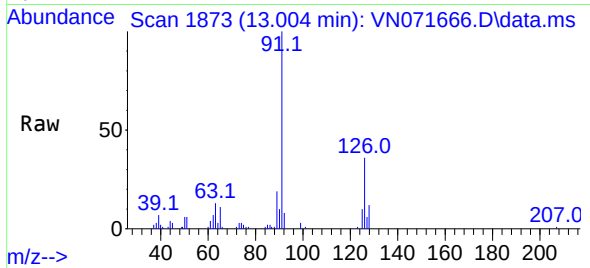




#79
2-Chlorotoluene
Concen: 2.489 ug/l
RT: 13.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

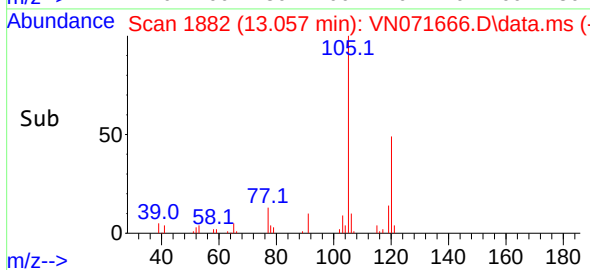
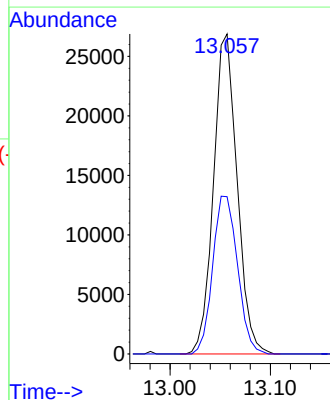
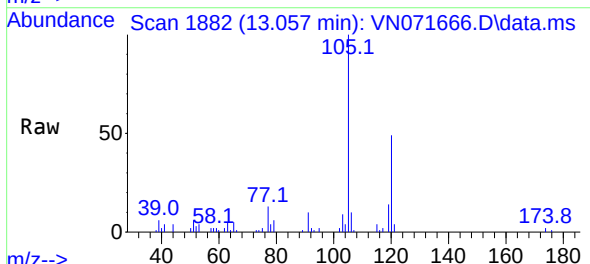
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

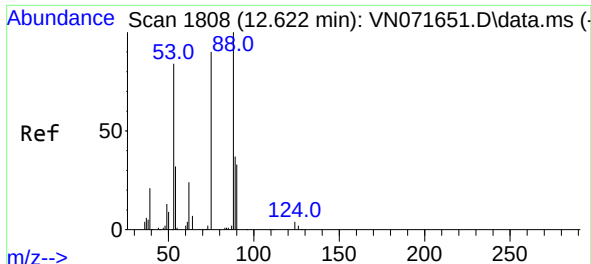
Tgt Ion: 91 Resp: 38960
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 2.393 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 105 Resp: 43981
Ion Ratio Lower Upper
105 100
120 51.8 24.9 74.7

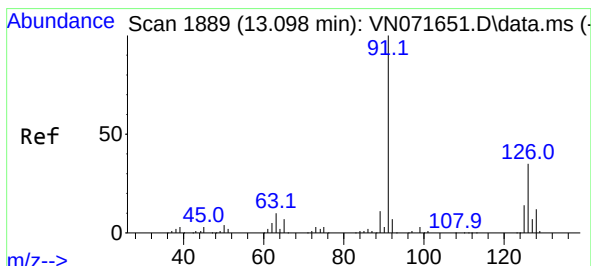
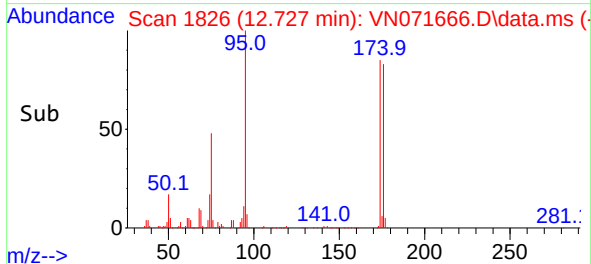
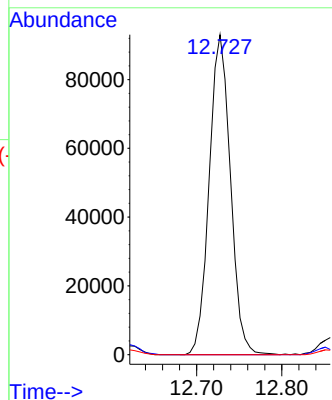
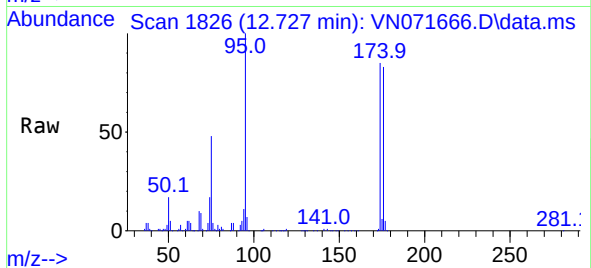




#81
trans-1,4-Dichloro-2-butene
Concen: 78.212 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

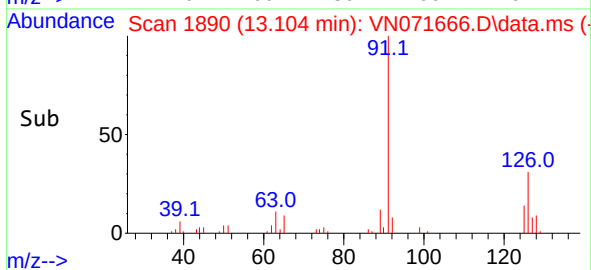
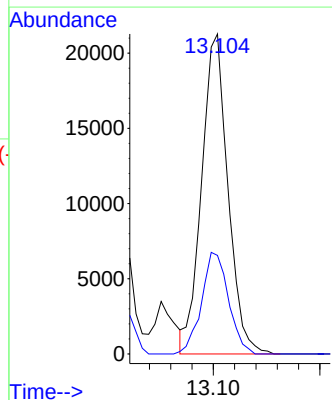
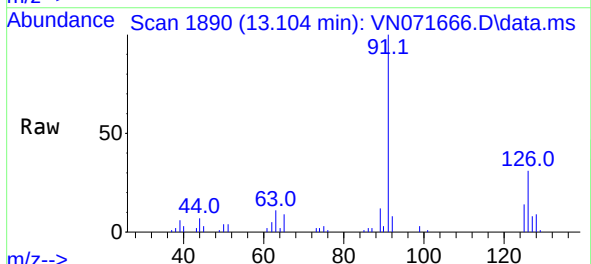
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

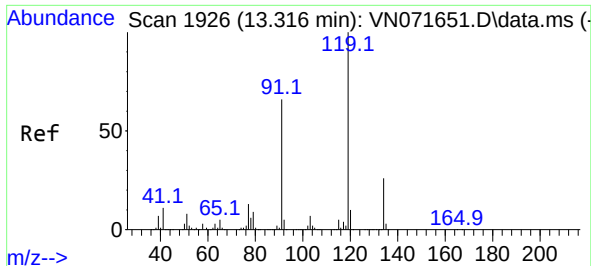
Tgt Ion: 75 Resp: 160975
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 2.519 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion: 91 Resp: 36539
Ion Ratio Lower Upper
91 100
126 32.5 17.2 51.6

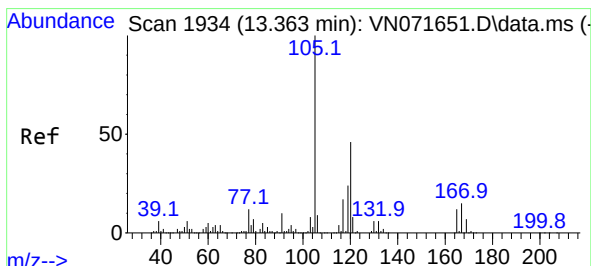
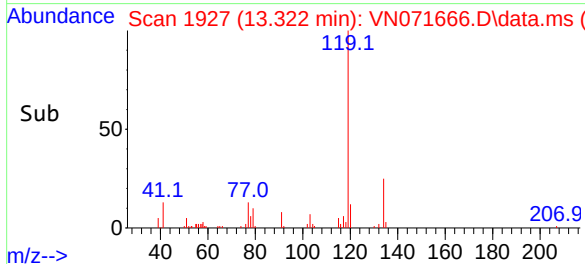
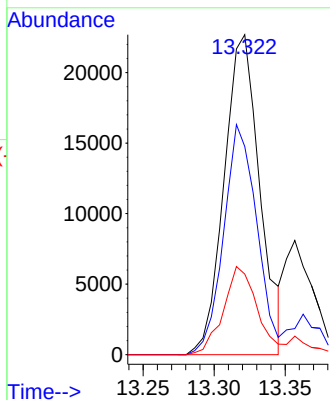
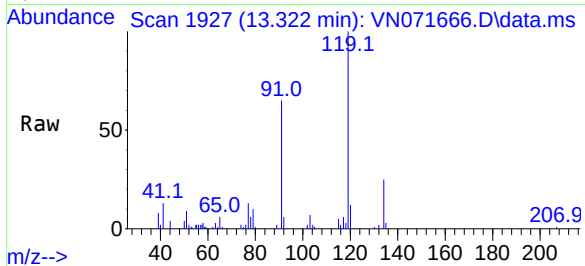




#83
tert-Butylbenzene
Concen: 2.361 ug/l
RT: 13.322 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

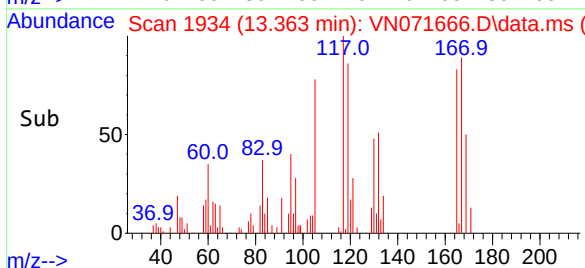
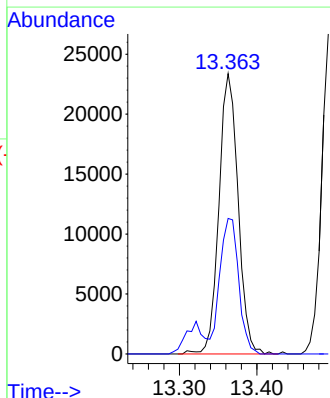
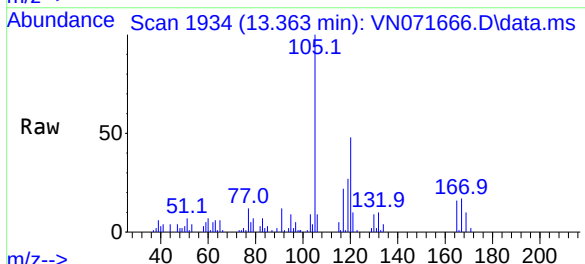
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

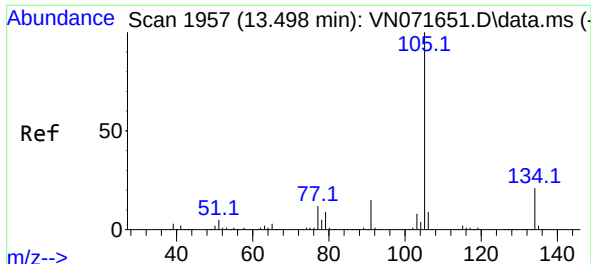
Tgt Ion:	119	Resp:	39670
Ion	Ratio	Lower	Upper
119	100		
91	66.8	31.6	94.8
134	26.6	13.7	41.1



#84
1,2,4-Trimethylbenzene
Concen: 2.235 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion:	105	Resp:	40084
Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.3	69.8

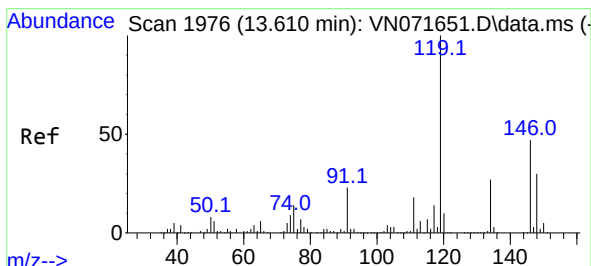
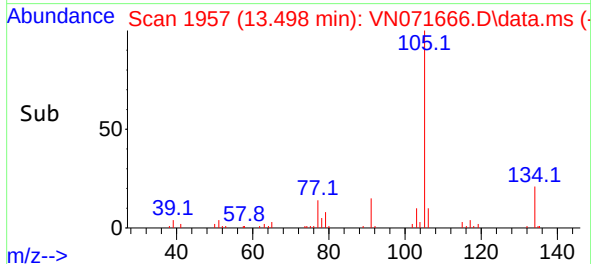
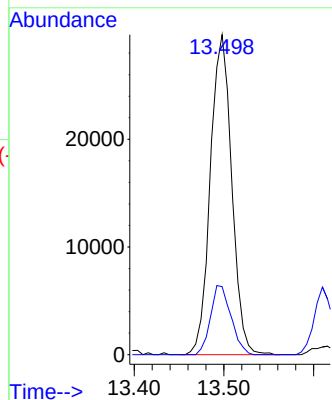
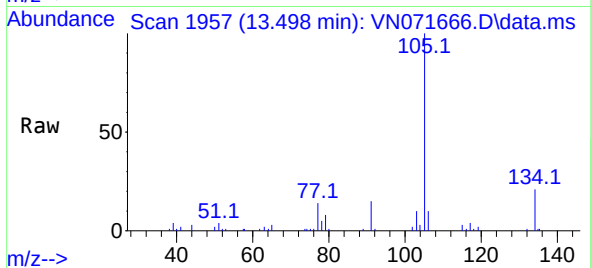




#85
 sec-Butylbenzene
 Concen: 2.257 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071666.D
 Acq: 30 Mar 2022 18:08

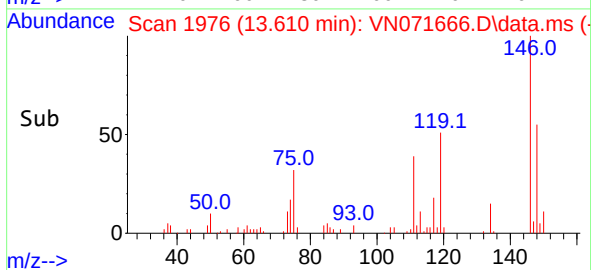
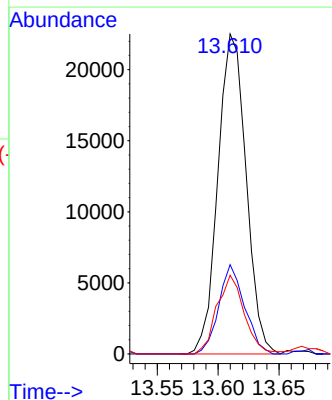
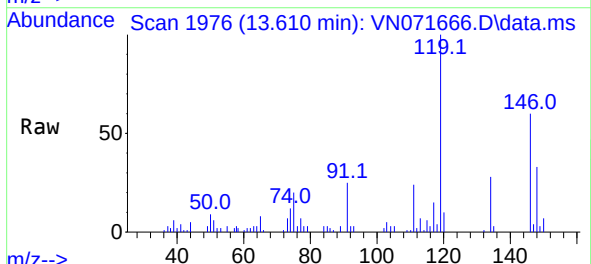
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT1-2022

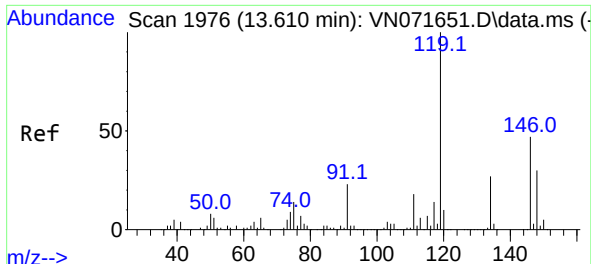
Tgt Ion:105 Resp: 49174
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 2.085 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071666.D
 Acq: 30 Mar 2022 18:08

Tgt Ion:119 Resp: 36221
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 24.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 2.386 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

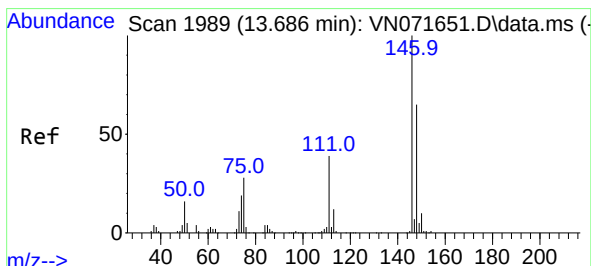
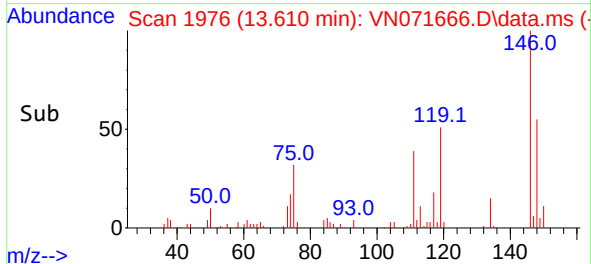
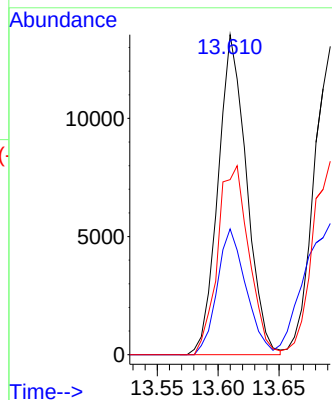
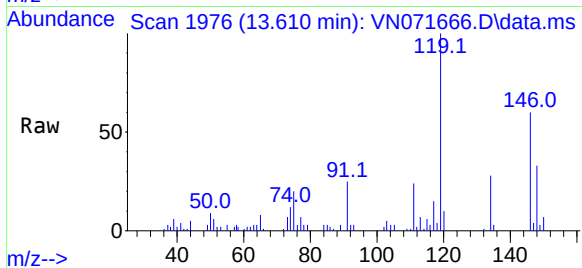
Tgt Ion:146 Resp: 22105

Ion Ratio Lower Upper

146 100

111 39.7 20.0 60.0

148 64.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 2.481 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

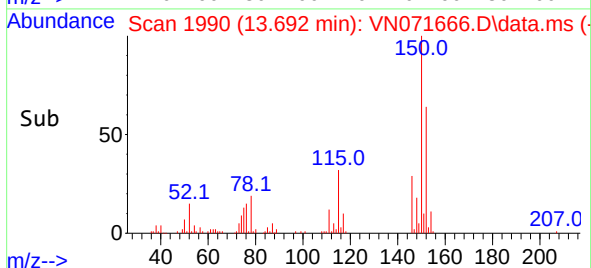
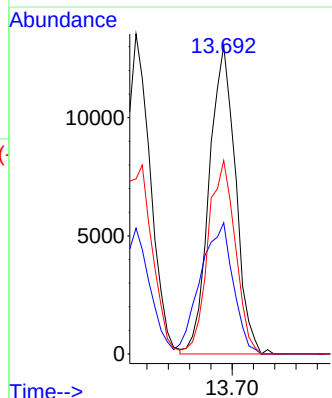
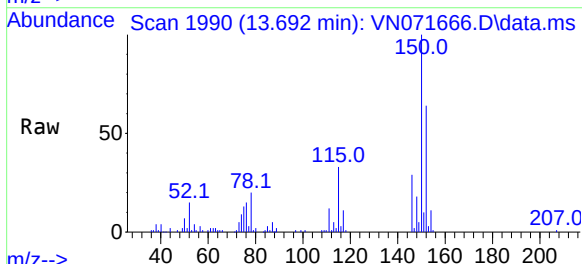
Tgt Ion:146 Resp: 22424

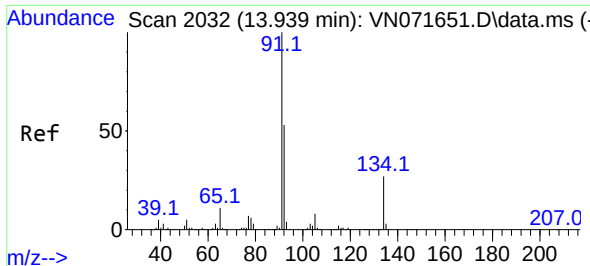
Ion Ratio Lower Upper

146 100

111 52.8 19.1 57.1

148 64.8 31.4 94.3

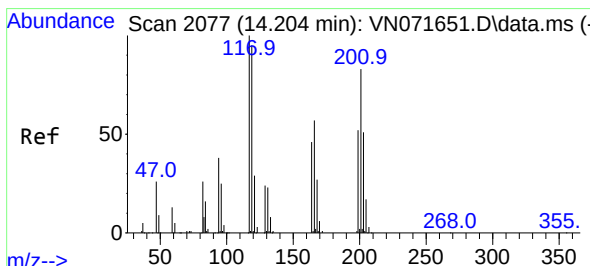
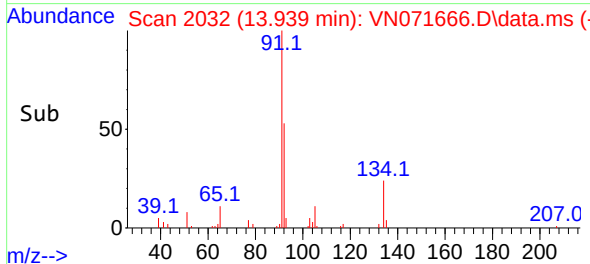
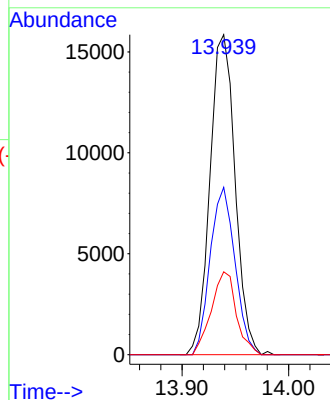
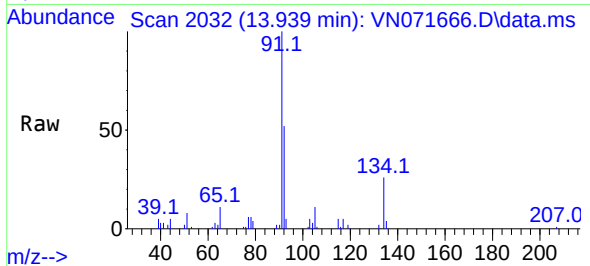




#89
n-Butylbenzene
Concen: 2.014 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

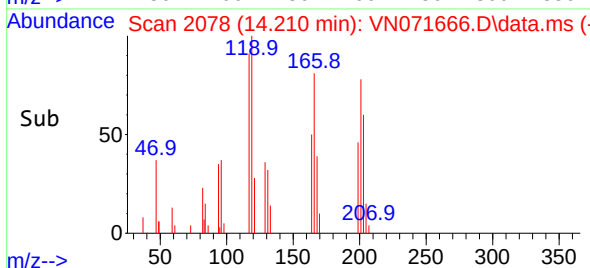
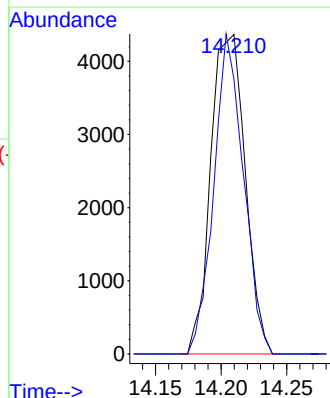
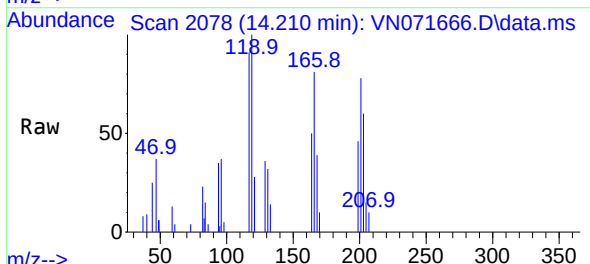
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

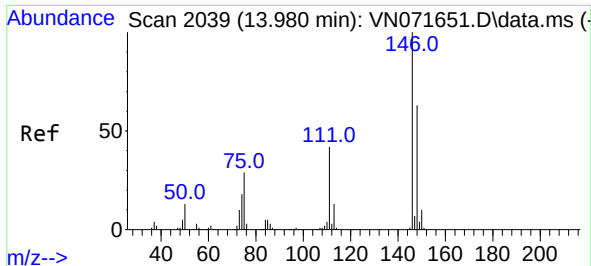
Tgt Ion:	91	Resp:	25944
Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.9	80.7
134	25.8	13.6	40.8



#90
Hexachloroethane
Concen: 2.512 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion:	117	Resp:	7987
Ion	Ratio	Lower	Upper
117	100		
201	85.9	40.6	122.0

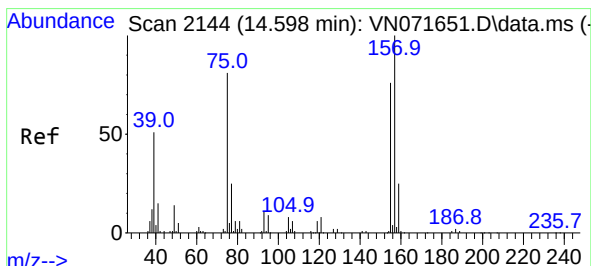
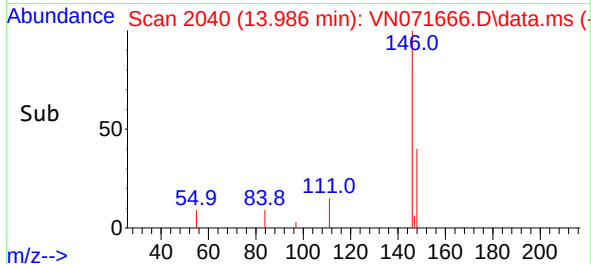
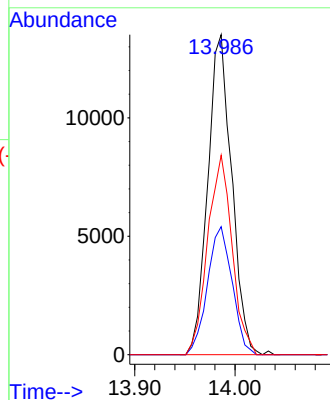
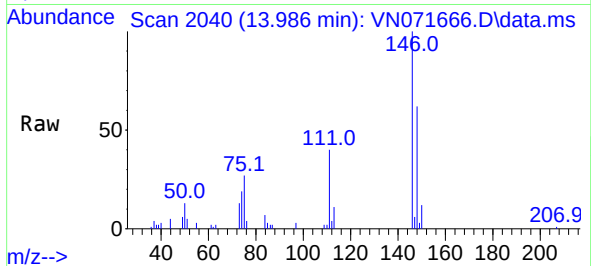




#91
1,2-Dichlorobenzene
Concen: 2.463 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

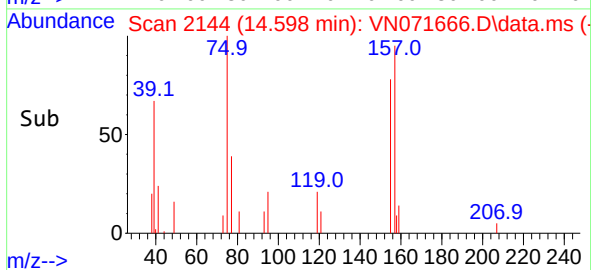
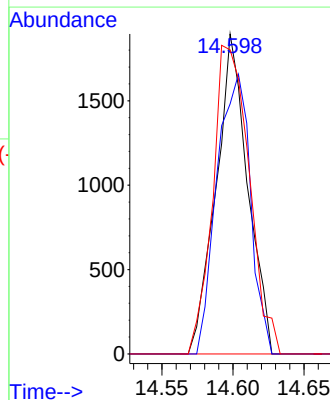
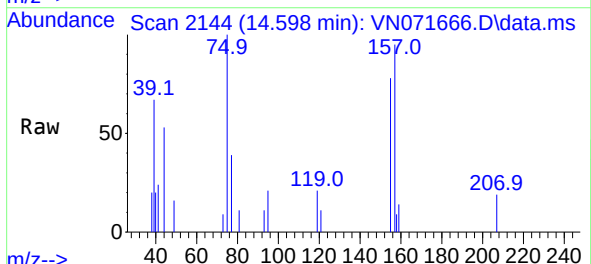
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

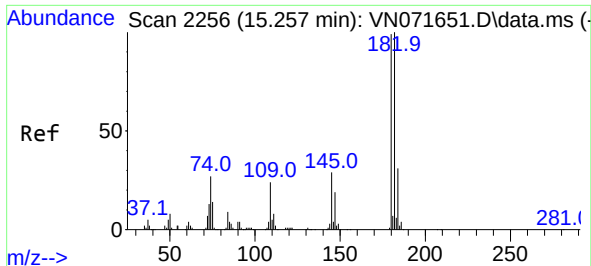
Tgt Ion:	146	Resp:	22407
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.9	62.8
148	63.6	32.1	96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.453 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion:	75	Resp:	2945
Ion	Ratio	Lower	Upper
75	100		
155	92.4	44.9	134.5
157	110.8	59.0	176.8





#93

1,2,4-Trichlorobenzene

Concen: 3.424 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

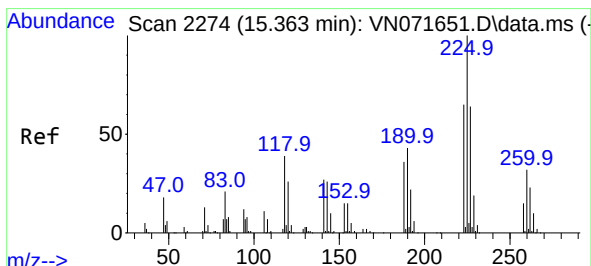
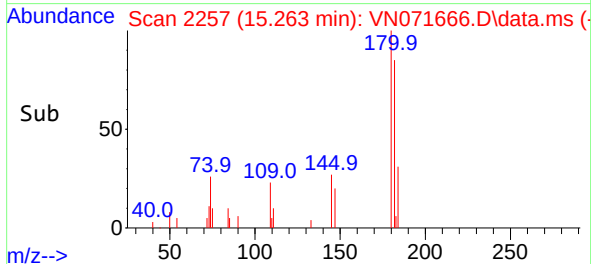
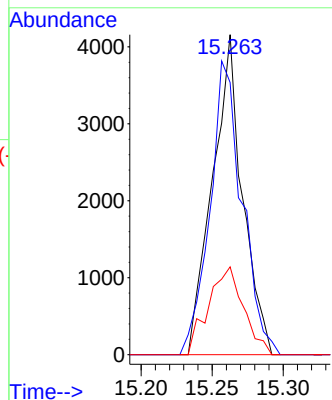
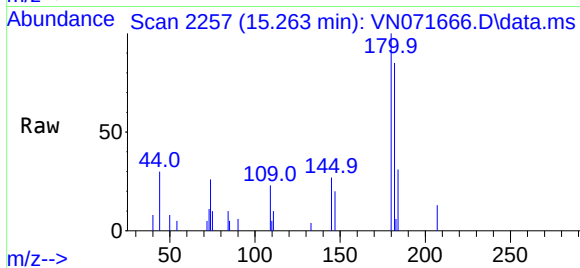
Tgt Ion:180 Resp: 6118

Ion Ratio Lower Upper

180 100

182 98.0 47.5 142.5

145 32.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 2.386 ug/l

RT: 15.363 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VN071666.D

Acq: 30 Mar 2022 18:08

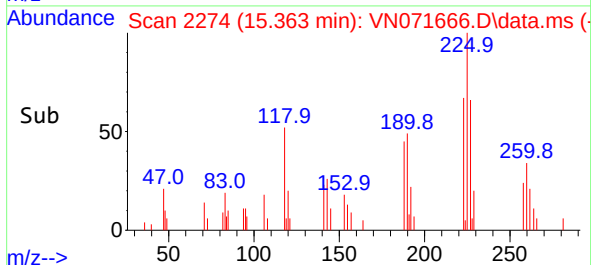
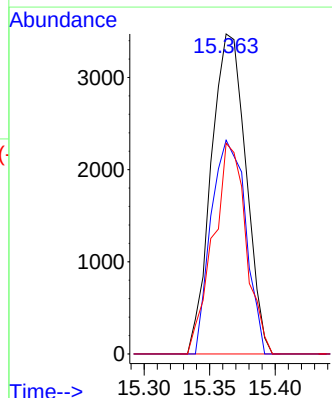
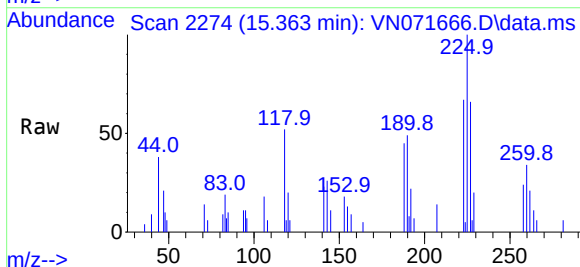
Tgt Ion:225 Resp: 6401

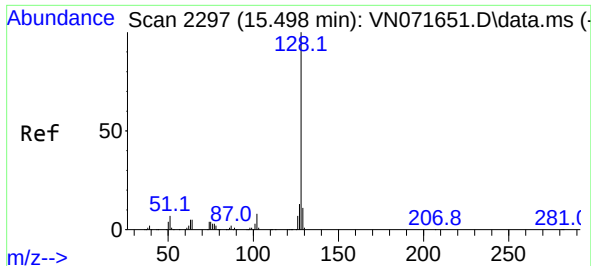
Ion Ratio Lower Upper

225 100

223 66.3 32.4 97.2

227 62.5 31.8 95.4

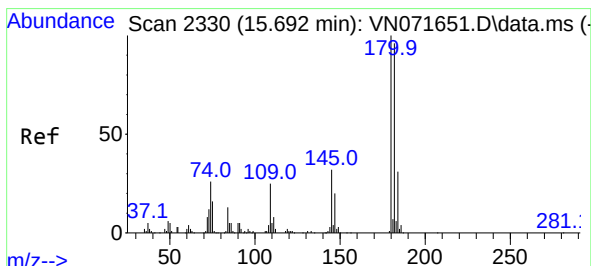
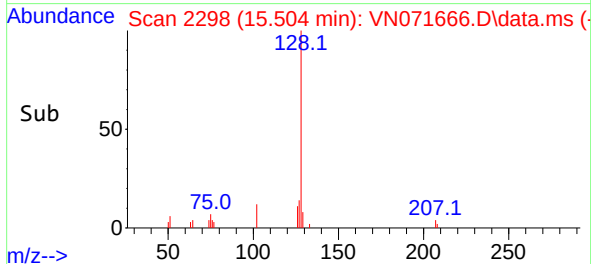
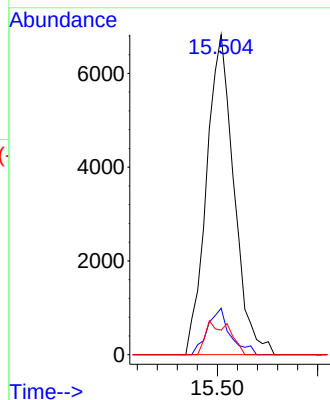
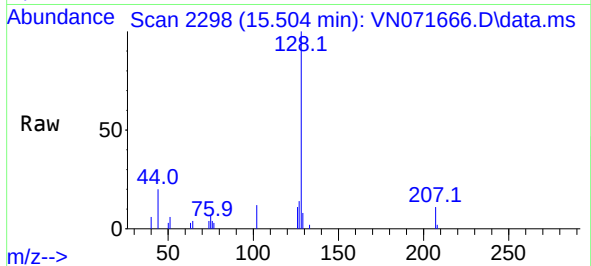




#95
Naphthalene
Concen: 4.758 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:	128	Resp:	12959
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.3	15.5
129	9.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 3.769 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071666.D
Acq: 30 Mar 2022 18:08

Tgt Ion:	180	Resp:	6043
Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.8	143.3
145	31.6	15.5	46.5

