

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072697.D
 Acq On : 08 Jun 2022 11:27
 Operator : JC\MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jun 09 03:21:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	35230	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	212681	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	178548	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	121140	30.150	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.500%	
60) 4-Bromofluorobenzene	12.727	95	94498	25.732	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 85.767%	
63) Toluene-d8	10.439	98	310007	31.343	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 104.467%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	8517	3.227	ug/l	93
3) Chloromethane	2.298	50	9754	3.399	ug/l	98
4) Vinyl Chloride	2.440	62	9035	3.491	ug/l	91
5) Bromomethane	2.845	94	2130	1.592	ug/l	95
6) Chloroethane	2.916	64	912	0.529	ug/l	96
7) Trichlorofluoromethane	3.357	101	7209	1.541	ug/l	94
8) Diethyl Ether	3.816	74	5378	2.965	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.204	101	7949	3.225	ug/l	71
10) 1,1-Dichloroethene	4.169	96	3830	1.645	ug/l	90
11) Methyl Iodide	4.416	142	3676	1.577	ug/l	81
12) Methyl Acetate	4.851	43	16480	3.432	ug/l	96
13) Acrolein	4.034	56	7310	17.389	ug/l	93
14) Acrylonitrile	5.551	53	29231	14.932	ug/l	95
15) Acetone	4.281	58	3620	6.830	ug/l	96
16) Carbon Disulfide	4.534	76	18584	3.167	ug/l	99
17) Allyl chloride	4.839	41	16391	3.260	ug/l	72
18) Methylene Chloride	5.087	84	4453	1.524	ug/l #	70
19) trans-1,2-Dichloroethene	5.592	96	7325	2.908	ug/l	92
20) Diisopropyl ether	6.492	45	29447	2.957	ug/l #	93
21) 1,1-Dichloroethane	6.375	63	16248	2.937	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	9572	3.034	ug/l	87
23) tert-Butyl Alcohol	5.357	59	5575	6.120	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	29728	2.872	ug/l #	85
25) Chloroform	7.816	83	16065	2.827	ug/l	100
26) Cyclohexane	8.092	56	14453	3.133	ug/l #	92
29) 1,1-Dichloropropene	8.216	75	11845	2.922	ug/l	94
30) 2-Butanone	7.333	43	40894	13.938	ug/l	97
31) 2,2-Dichloropropane	7.322	77	15704	2.862	ug/l	98
32) 1,1,1-Trichloroethane	8.004	97	14808	2.791	ug/l	95
33) Carbon Tetrachloride	8.204	117	12658	2.767	ug/l	87
34) Benzene	8.457	78	37653	3.139	ug/l #	69
35) Methacrylonitrile	7.639	41	9644	3.352	ug/l	84
36) 1,2-Dichloroethane	8.522	62	15280	3.015	ug/l #	80
37) Trichloroethene	9.216	130	8694	3.007	ug/l	96
38) Methylcyclohexane	9.457	83	14391	2.973	ug/l	88
39) 1,2-Dichloropropane	9.486	63	9505	2.885	ug/l #	88
40) Dibromomethane	9.574	93	6620	2.927	ug/l	95
41) Bromodichloromethane	9.757	83	13297	2.748	ug/l #	90
42) Vinyl Acetate	6.428	43	119868	12.549	ug/l #	91

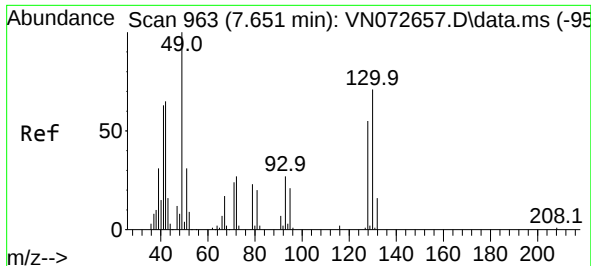
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	17512	3.115	ug/l #	93
45) 1,4-Dioxane	9.569	88	4805	62.705	ug/l #	86
46) Methyl methacrylate	9.551	41	12029	2.885	ug/l	79
47) n-amyl Acetate	12.386	43	15129	2.119	ug/l	100
48) t-1,3-Dichloropropene	10.716	75	14377	2.603	ug/l #	85
49) cis-1,3-Dichloropropene	10.186	75	15271	2.723	ug/l	99
50) 1,1,2-Trichloroethane	10.892	97	9559	2.989	ug/l	92
51) Ethyl methacrylate	10.757	69	14552	2.512	ug/l	91
52) 1,3-Dichloropropane	11.039	76	16495	2.898	ug/l	100
53) Dibromochloromethane	11.233	129	8947	2.536	ug/l	99
54) 1,2-Dibromoethane	11.339	107	9727	2.893	ug/l	98
55) 2-Chloroethyl vinyl ether	10.039	63	27068	11.931	ug/l	95
56) Bromoform	12.457	173	5834	2.373	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	81657	15.248	ug/l	99
59) 2-Hexanone	11.080	43	57768	14.228	ug/l	98
61) Tetrachloroethene	10.974	164	7690	3.480	ug/l	89
62) Toluene	10.504	91	38784	3.204	ug/l	94
64) Chlorobenzene	11.768	112	21105	2.863	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.833	131	9521	3.276	ug/l	90
66) Ethyl Benzene	11.839	91	40939	2.945	ug/l	95
67) m/p-Xylenes	11.951	106	29563	5.831	ug/l	98
68) o-Xylene	12.274	106	14943	2.889	ug/l	100
69) Styrene	12.286	104	20035	2.440	ug/l	98
70) Isopropylbenzene	12.574	105	37482	2.773	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.821	83	12951	2.831	ug/l	99
72) 1,2,3-Trichloropropane	12.874	75	17278	4.328	ug/l	52
73) Bromobenzene	12.857	156	7162	2.607	ug/l	64
74) n-propylbenzene	12.915	91	38720	2.504	ug/l	98
75) 2-Chlorotoluene	13.004	91	26016	2.714	ug/l	92
76) 1,3,5-Trimethylbenzene	13.057	105	28915	2.607	ug/l	98
77) t-1,4-Dichloro-2-butene	12.627	75	3803	2.260	ug/l	82
78) 4-Chlorotoluene	13.104	91	22075	2.438	ug/l	91
79) tert-butylbenzene	13.321	119	25418	2.567	ug/l	93
80) 1,2,4-Trimethylbenzene	13.498	105	33282	2.488	ug/l #	100
81) sec-Butylbenzene	13.498	105	33282	2.488	ug/l	98
82) p-Isopropyltoluene	13.609	119	24957	2.338	ug/l	97
83) 1,3-Dichlorobenzene	13.615	146	11878	2.470	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	11267	2.413	ug/l	98
85) n-Butylbenzene	13.939	91	20779	2.295	ug/l	96
86) Hexachloroethane	14.215	117	5805	2.457	ug/l	89
87) 1,2-Dichlorobenzene	13.986	146	12598	2.647	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.604	75	1958	1.707	ug/l	90
89) 1,2,4-Trichlorobenzene	15.262	180	5118	2.134	ug/l	94
90) Hexachlorobutadiene	15.368	225	3084	2.866	ug/l	87
91) Naphthalene	15.503	128	17072	1.784	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	4810	1.971	ug/l	90

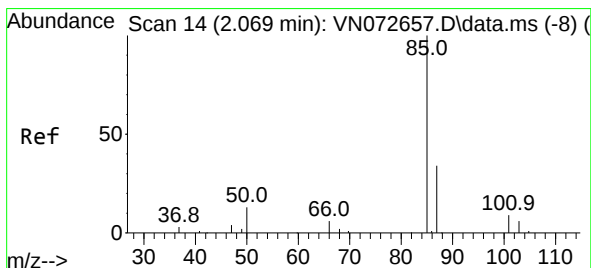
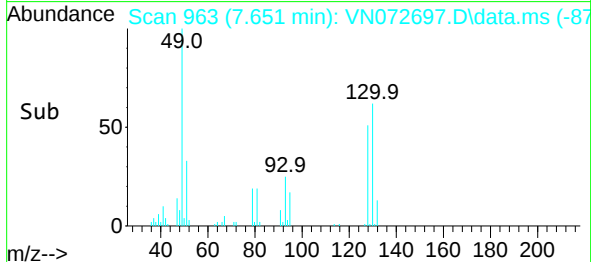
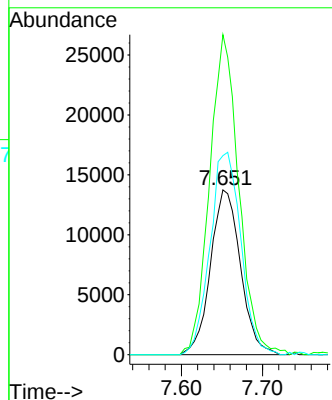
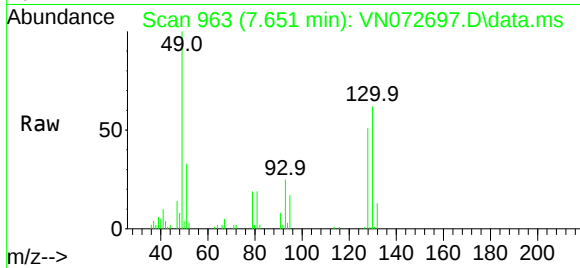
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

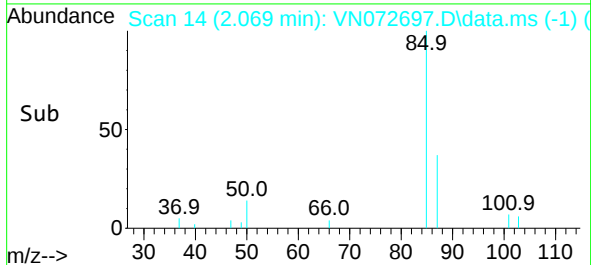
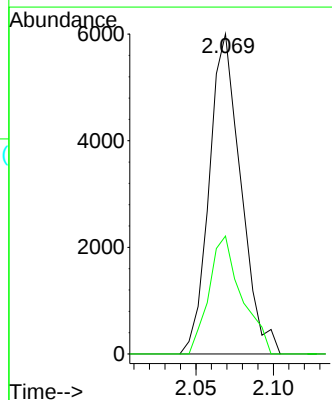
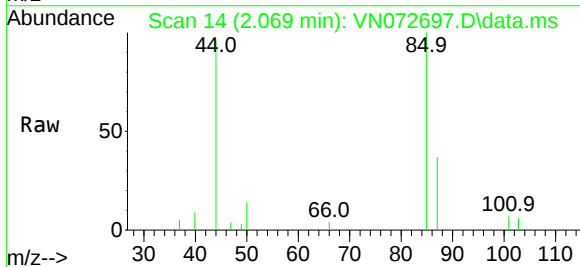
Instrument :
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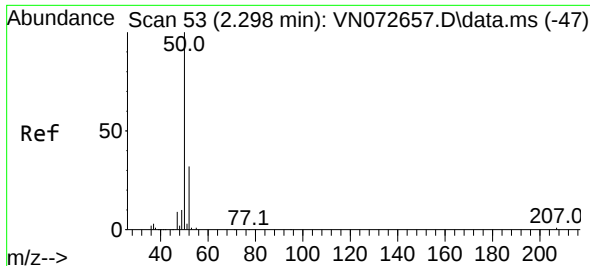
Tgt Ion:128 Resp: 35230
Ion Ratio Lower Upper
128 100
49 189.0 0.0 392.3
130 126.9 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 3.227 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 85 Resp: 8517
Ion Ratio Lower Upper
85 100
87 36.8 16.6 49.7

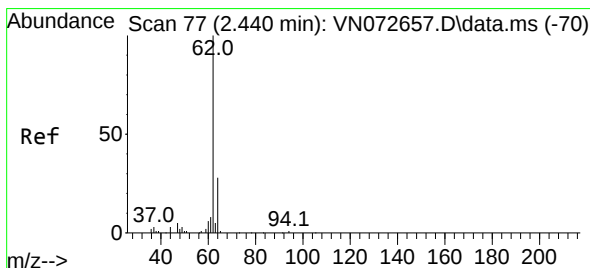
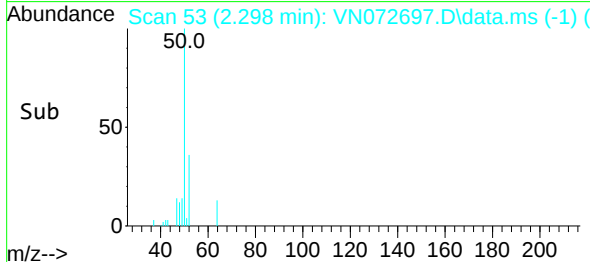
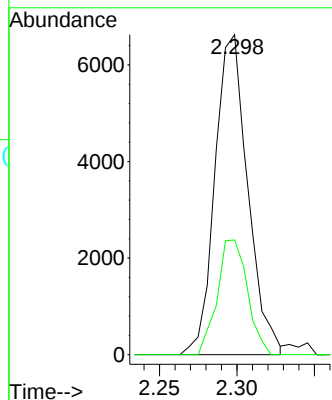
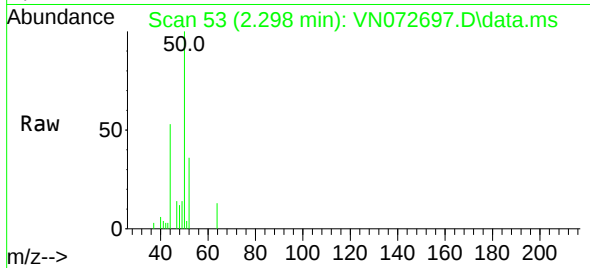




#3
Chloromethane
Concen: 3.399 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

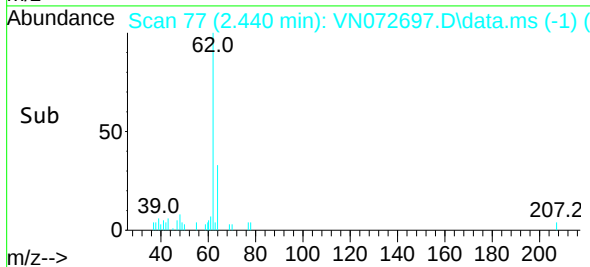
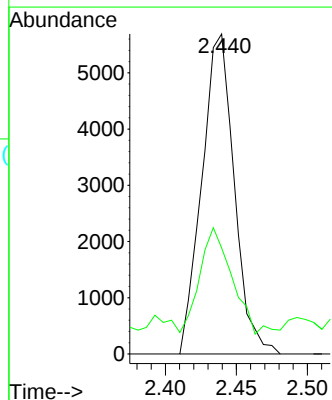
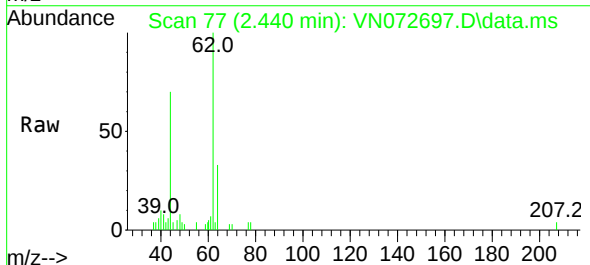
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MDL-WATER-03-QT2-2022

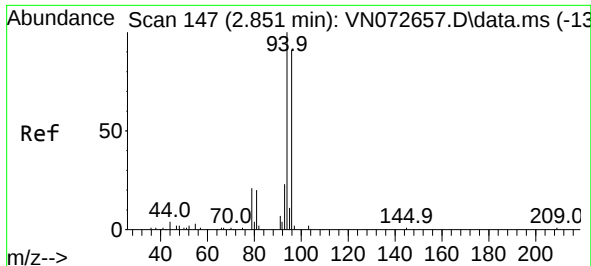
Tgt Ion: 50 Resp: 9754
Ion Ratio Lower Upper
50 100
52 35.9 27.8 41.6



#4
Vinyl Chloride
Concen: 3.491 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 62 Resp: 9035
Ion Ratio Lower Upper
62 100
64 26.4 25.1 37.7

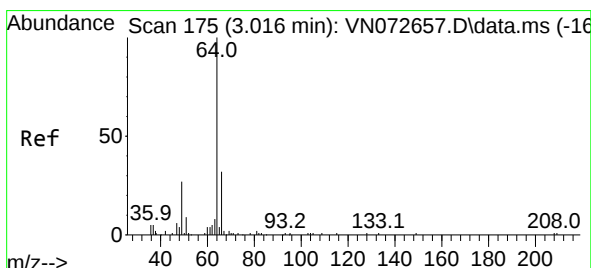
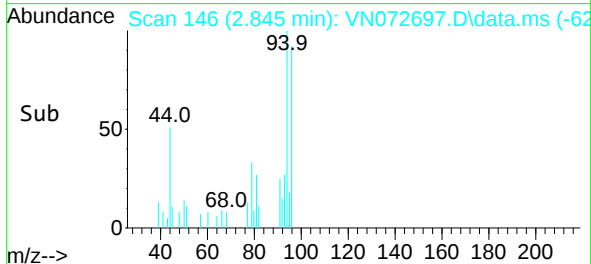
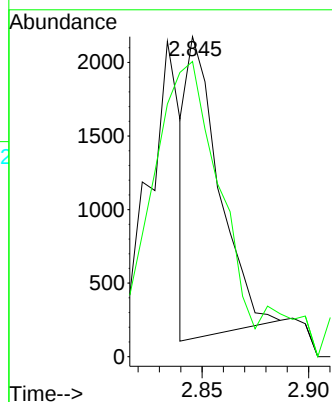
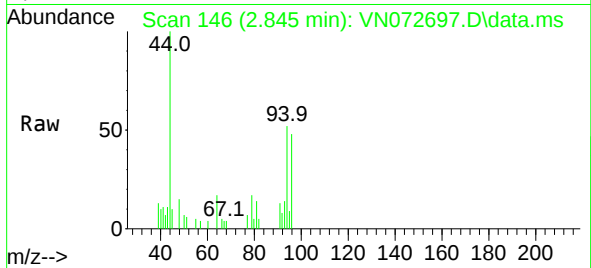




#5
Bromomethane
Concen: 1.592 ug/l
RT: 2.845 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

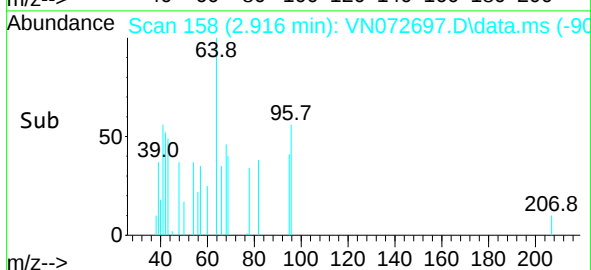
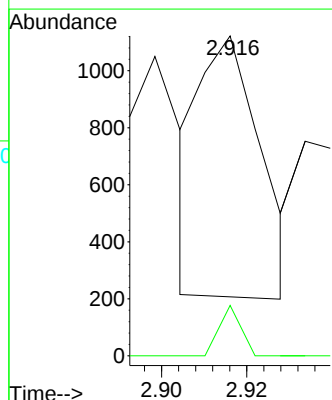
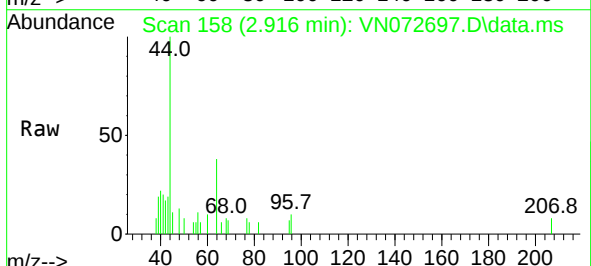
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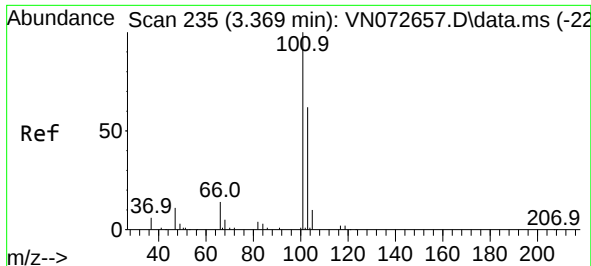
Tgt Ion: 94 Resp: 2130
Ion Ratio Lower Upper
94 100
96 89.0 75.2 112.8



#6
Chloroethane
Concen: 0.529 ug/l
RT: 2.916 min Scan# 158
Delta R.T. -0.100 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 64 Resp: 912
Ion Ratio Lower Upper
64 100
66 28.5 24.6 36.8

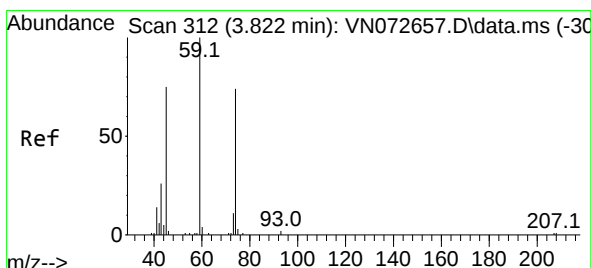
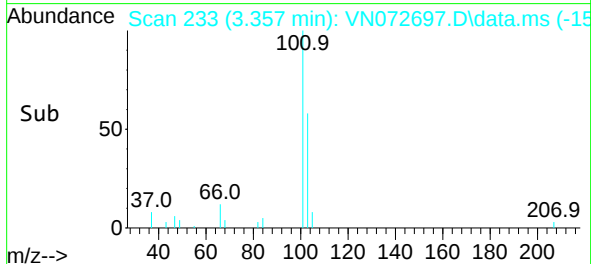
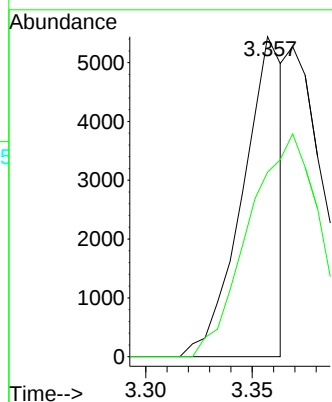
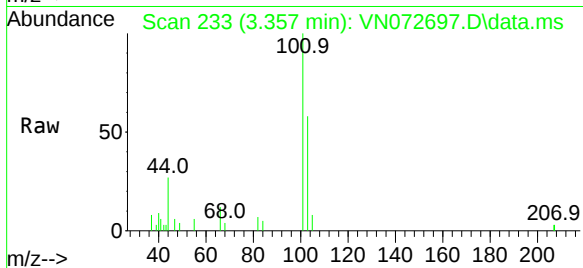




#7
 Trichlorofluoromethane
 Concen: 1.541 ug/l
 RT: 3.357 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN072697.D
 Acq: 08 Jun 2022 11:27

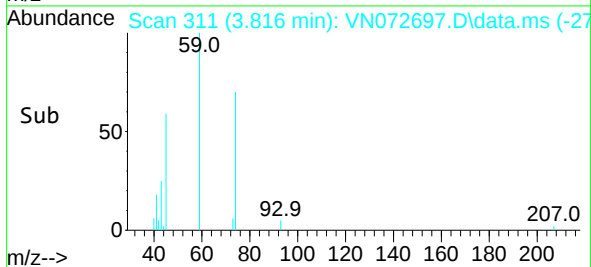
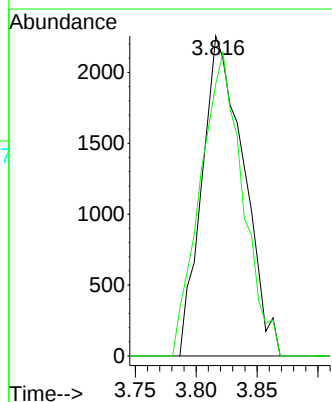
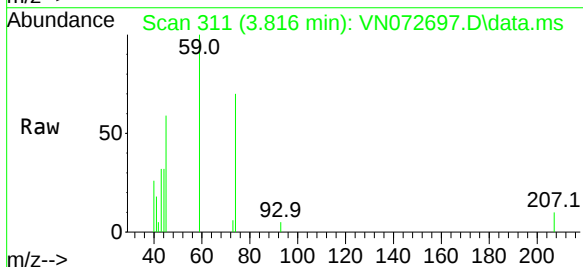
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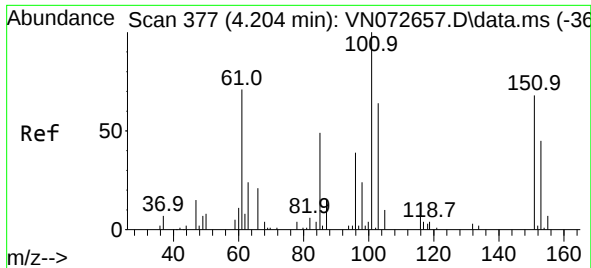
Tgt Ion:101 Resp: 7209
 Ion Ratio Lower Upper
 101 100
 103 57.7 50.1 75.1



#8
 Diethyl Ether
 Concen: 2.965 ug/l
 RT: 3.816 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VN072697.D
 Acq: 08 Jun 2022 11:27

Tgt Ion: 74 Resp: 5378
 Ion Ratio Lower Upper
 74 100
 45 96.8 17.6 158.8

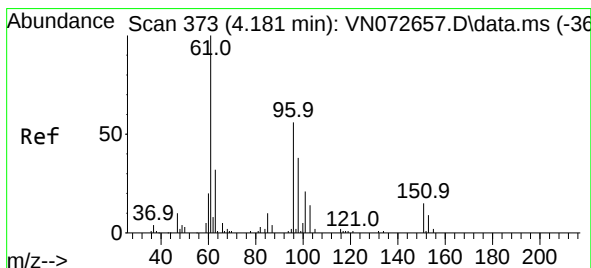
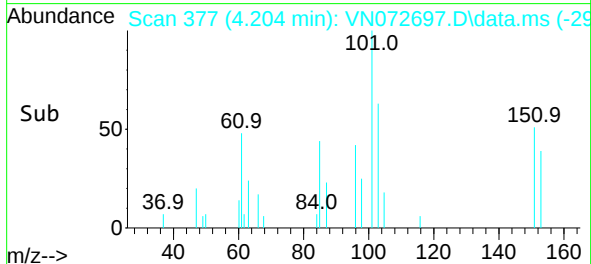
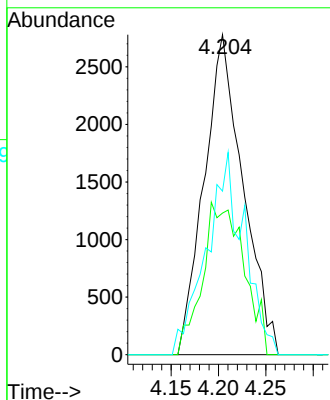
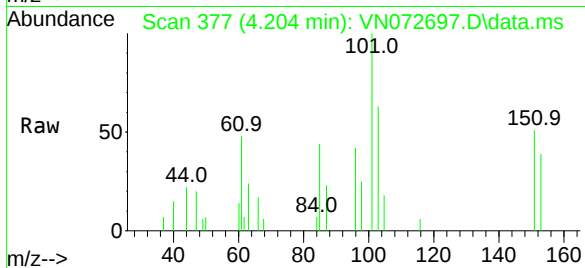




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.225 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

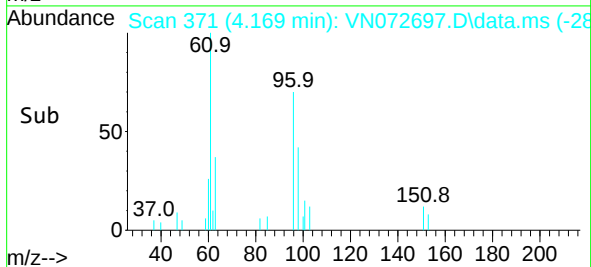
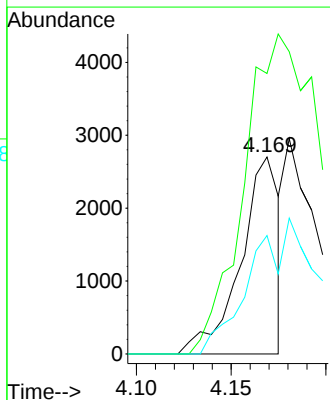
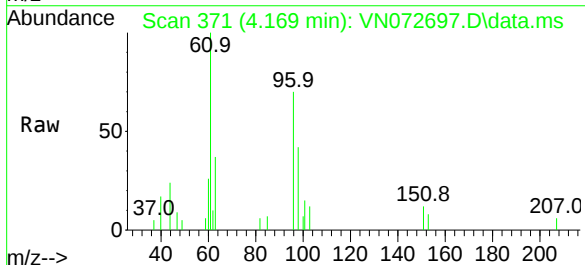
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ClientSampleId :
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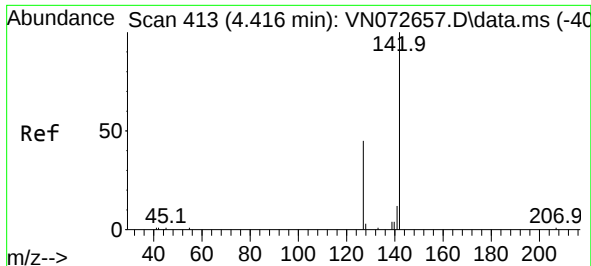
Tgt Ion:	101	Resp:	7949
Ion	Ratio	Lower	Upper
101	100		
85	20.9	0.0	94.0
151	47.4	0.0	74.6



#10
1,1-Dichloroethene
Concen: 1.645 ug/l
RT: 4.169 min Scan# 371
Delta R.T. -0.012 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

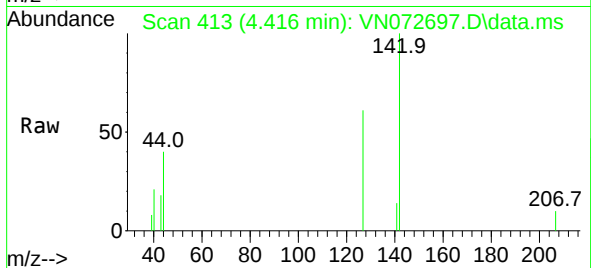
Tgt Ion:	96	Resp:	3830
Ion	Ratio	Lower	Upper
96	100		
61	142.4	126.2	189.4
98	60.1	50.9	76.3



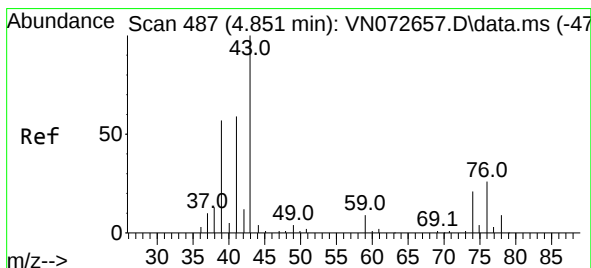
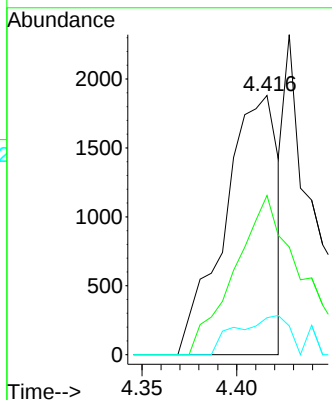
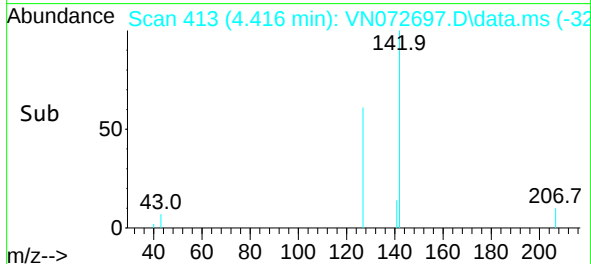


#11
Methyl Iodide
Concen: 1.577 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

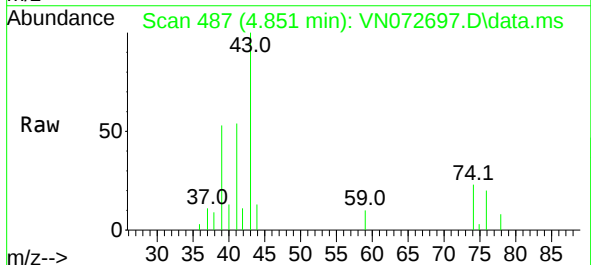
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



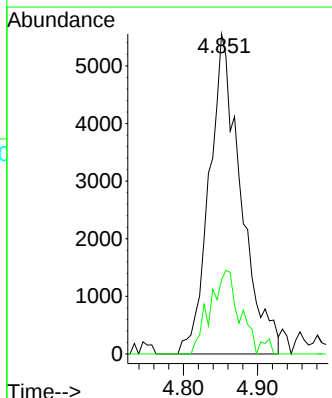
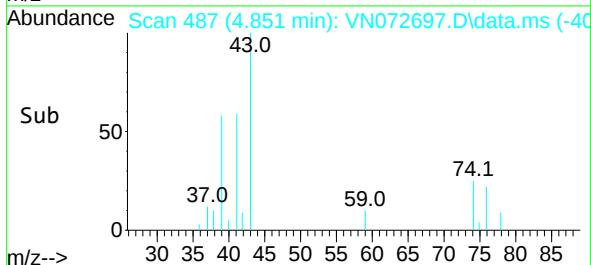
Tgt Ion:142 Resp: 3676
Ion Ratio Lower Upper
142 100
127 61.7 24.0 72.0
141 10.8 8.4 25.2

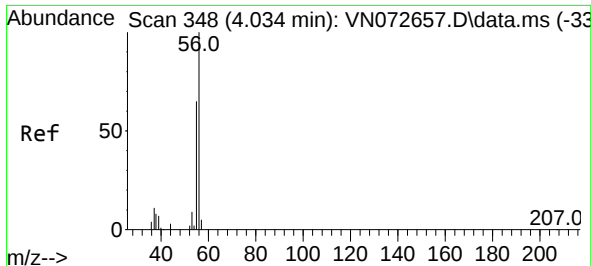


#12
Methyl Acetate
Concen: 3.432 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



Tgt Ion: 43 Resp: 16480
Ion Ratio Lower Upper
43 100
74 23.9 20.8 31.2

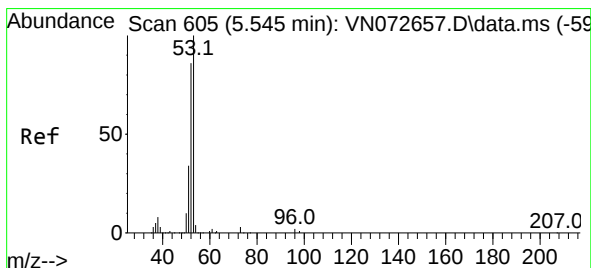
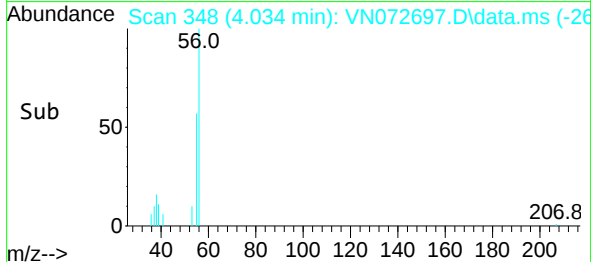
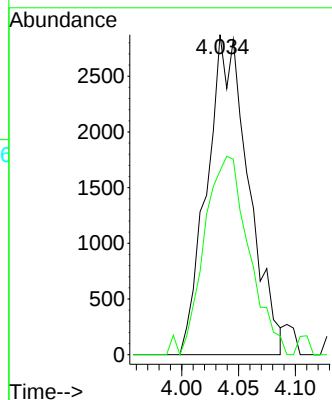
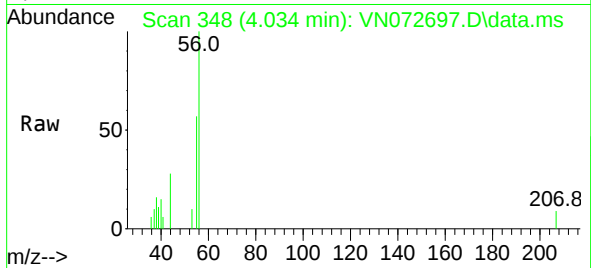




#13
Acrolein
Concen: 17.389 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

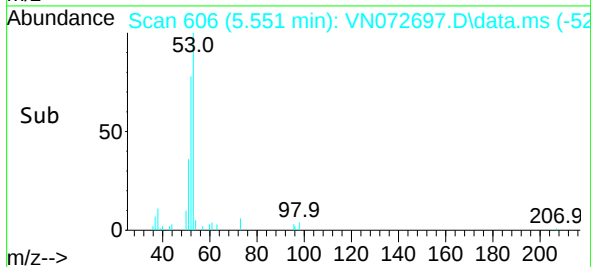
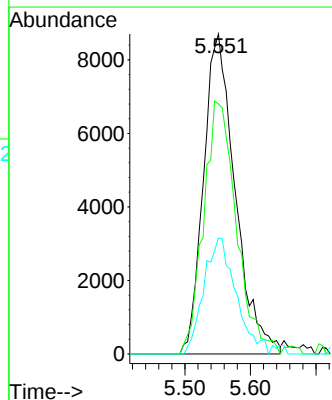
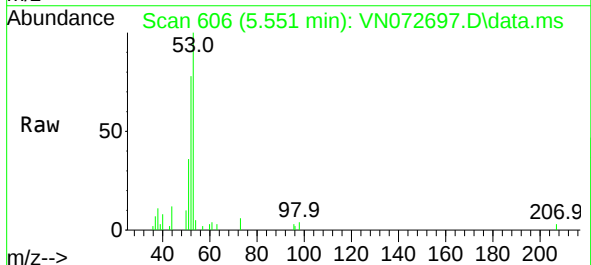
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

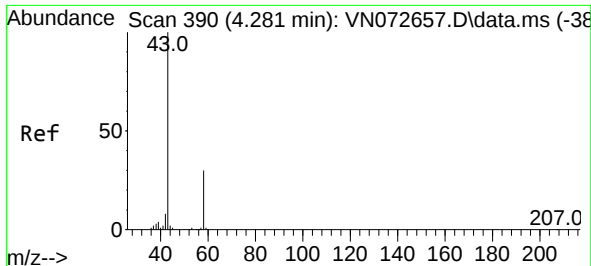
Tgt Ion: 56 Resp: 7310
Ion Ratio Lower Upper
56 100
55 65.8 57.6 86.4



#14
Acrylonitrile
Concen: 14.932 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 53 Resp: 29231
Ion Ratio Lower Upper
53 100
52 78.4 41.8 125.4
51 35.8 19.0 57.0





#15

Acetone

Concen: 6.830 ug/l

RT: 4.281 min Scan# 390

Delta R.T. 0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

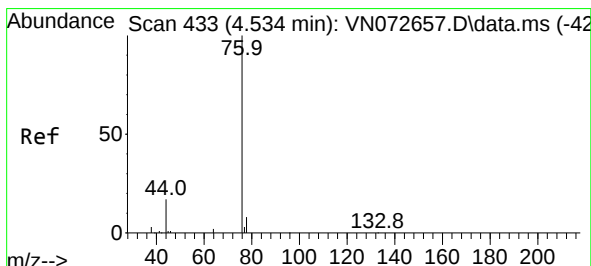
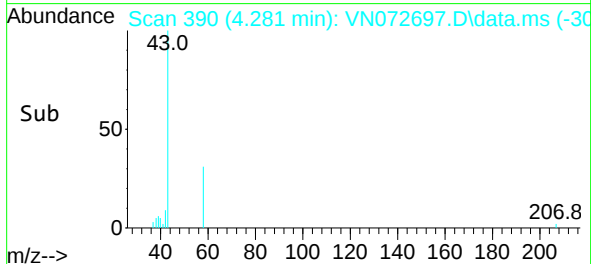
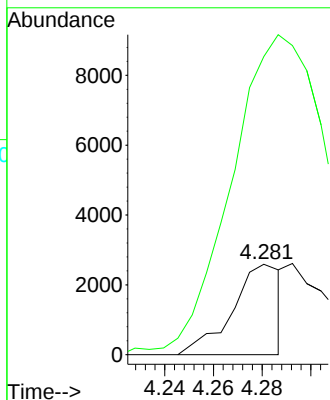
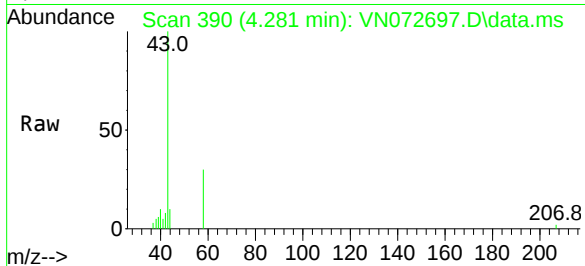
MDL-WATER-03-QT2-2022

Tgt Ion: 58 Resp: 3620

Ion Ratio Lower Upper

58 100

43 311.7 256.6 384.8



#16

Carbon Disulfide

Concen: 3.167 ug/l

RT: 4.534 min Scan# 433

Delta R.T. -0.000 min

Lab File: VN072697.D

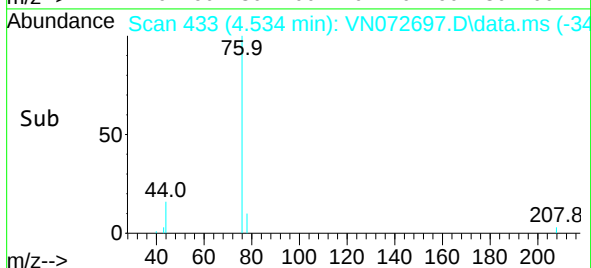
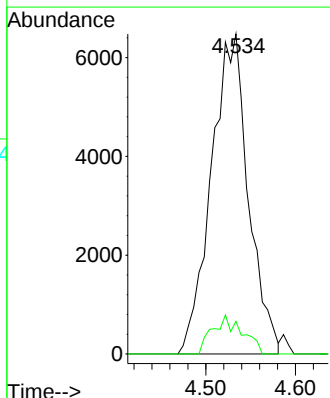
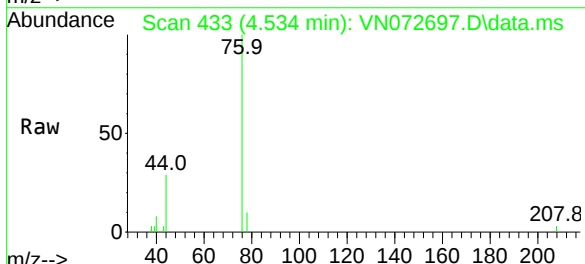
Acq: 08 Jun 2022 11:27

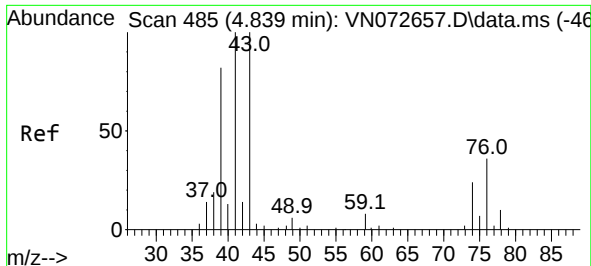
Tgt Ion: 76 Resp: 18584

Ion Ratio Lower Upper

76 100

78 10.2 7.8 11.8





#17

Allyl chloride

Concen: 3.260 ug/l

RT: 4.839 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072697.D

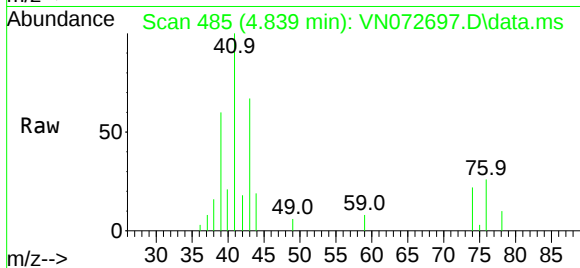
Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

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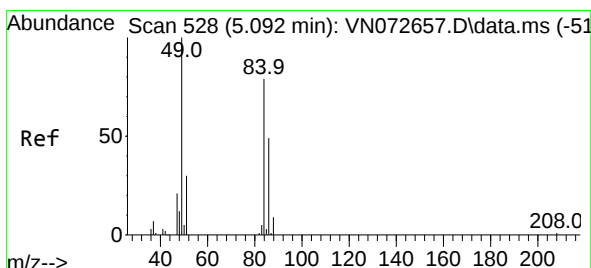
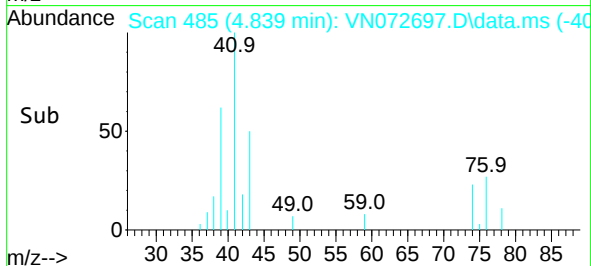
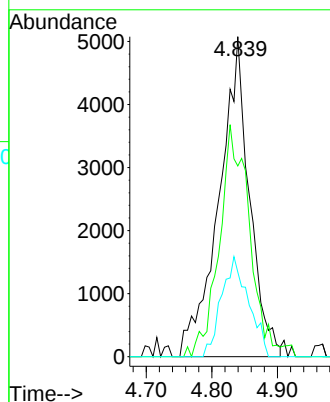
Tgt Ion: 41 Resp: 16391

Ion Ratio Lower Upper

41 100

39 59.6 44.6 134.0

76 26.4 19.6 58.7



#18

Methylene Chloride

Concen: 1.524 ug/l

RT: 5.087 min Scan# 527

Delta R.T. -0.006 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Tgt Ion: 84 Resp: 4453

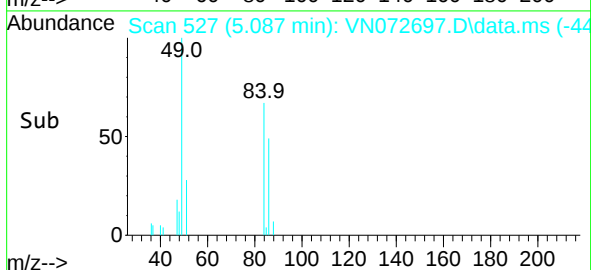
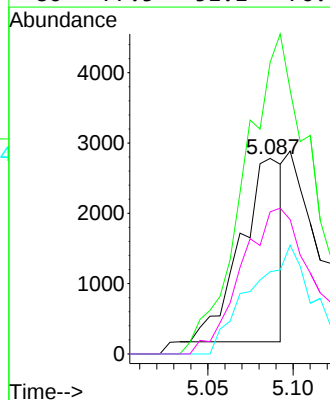
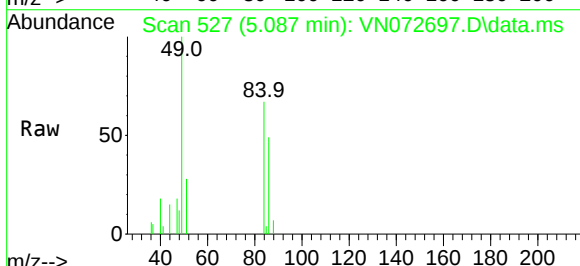
Ion Ratio Lower Upper

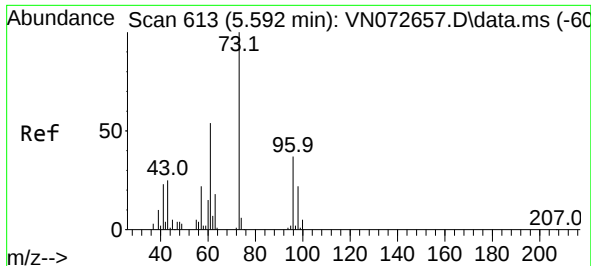
84 100

49 158.9 91.4 137.0#

51 44.8 29.4 44.0#

86 77.5 51.1 76.7#

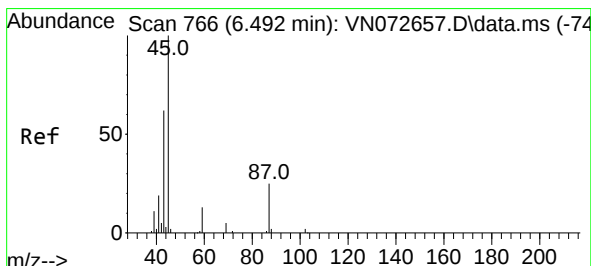
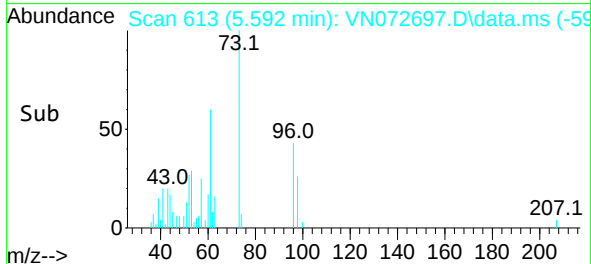
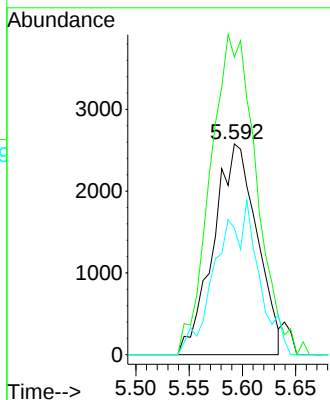
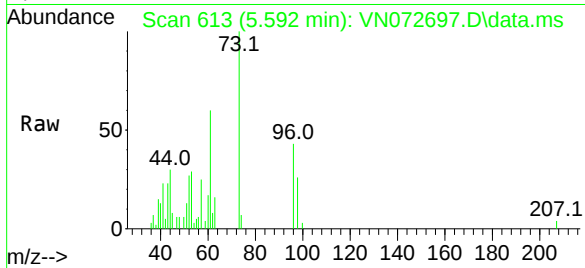




#19
trans-1,2-Dichloroethene
Concen: 2.908 ug/l
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

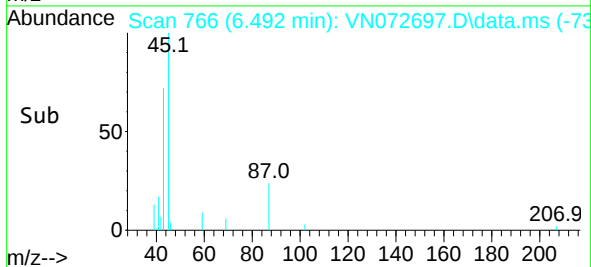
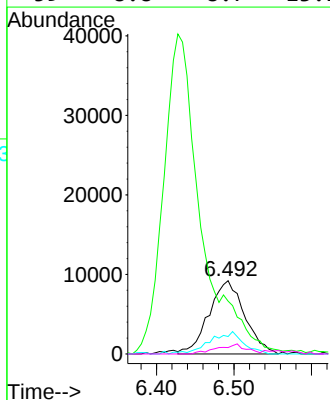
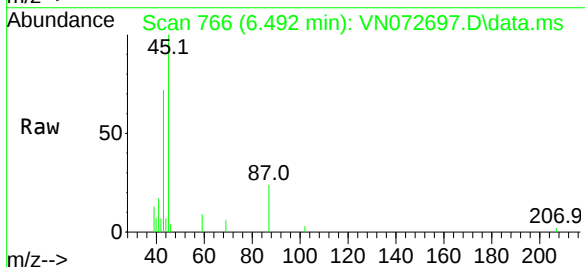
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

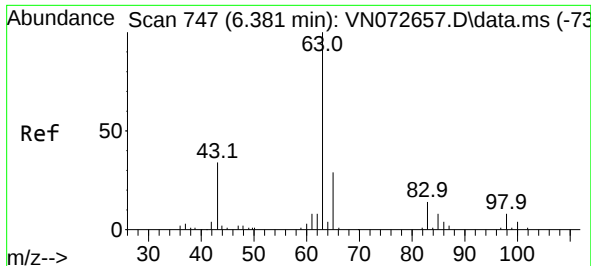
Tgt Ion: 96 Resp: 7325
Ion Ratio Lower Upper
96 100
61 141.3 102.8 154.2
98 60.1 49.3 73.9



#20
Diisopropyl ether
Concen: 2.957 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 45 Resp: 29447
Ion Ratio Lower Upper
45 100
43 66.5 51.0 76.4
87 23.9 25.0 37.4#
59 8.8 8.7 13.1

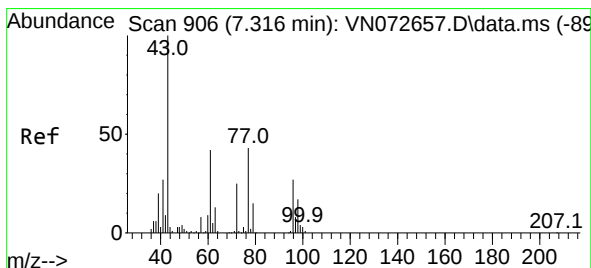
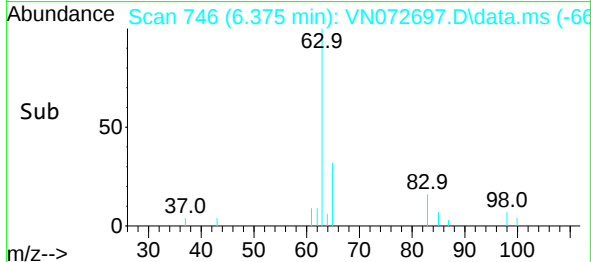
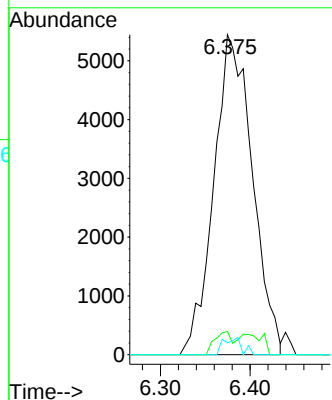
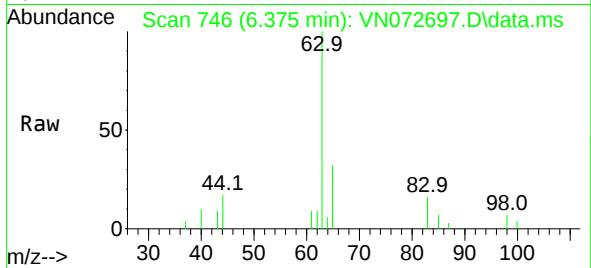




#21
1,1-Dichloroethane
Concen: 2.937 ug/l
RT: 6.375 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

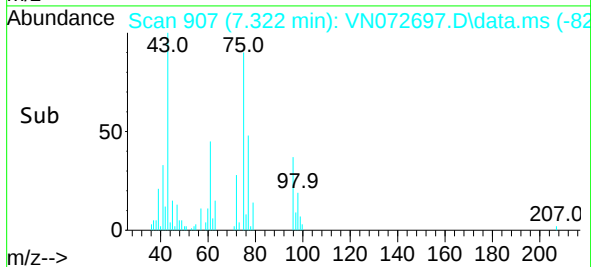
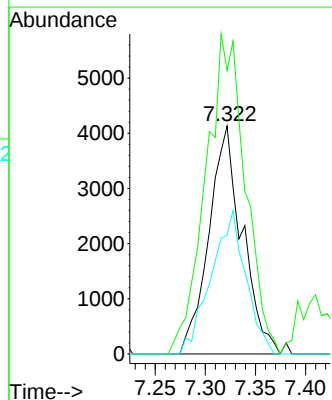
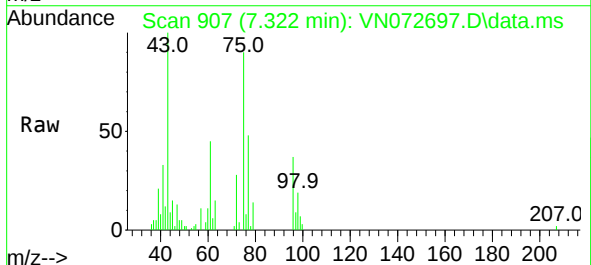
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

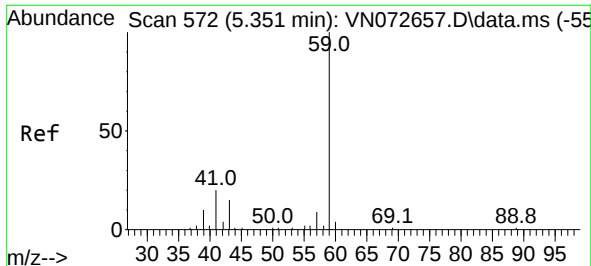
Tgt Ion: 63 Resp: 16248
Ion Ratio Lower Upper
63 100
98 7.3 3.2 9.6
100 3.7 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 3.034 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 96 Resp: 9572
Ion Ratio Lower Upper
96 100
61 166.7 115.7 173.5
98 65.2 51.6 77.4

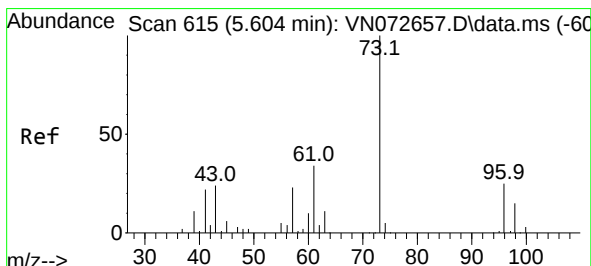
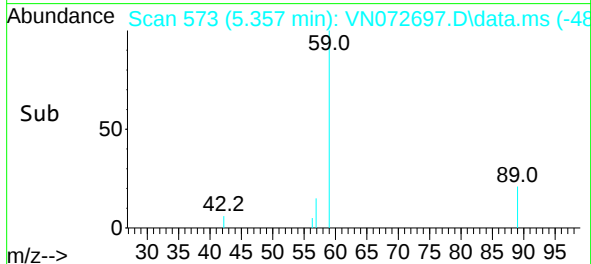
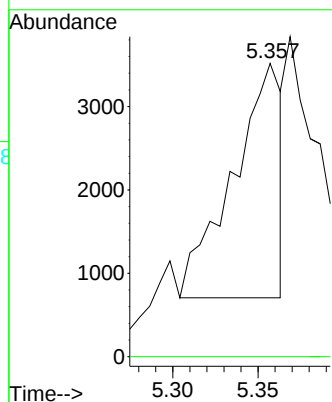
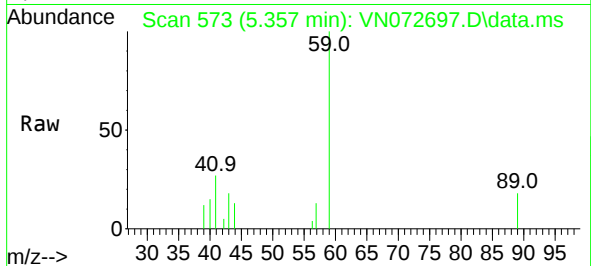




#23
tert-Butyl Alcohol
Concen: 6.120 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

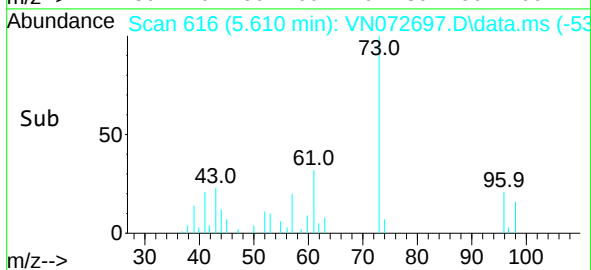
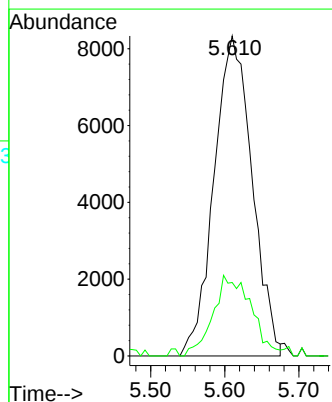
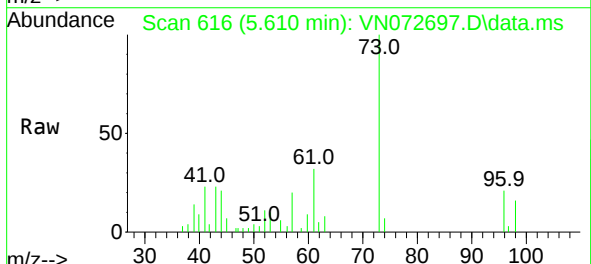
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

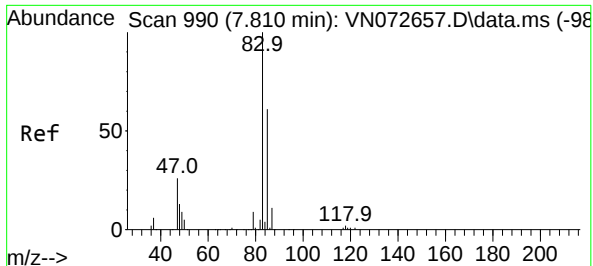
Tgt Ion: 59 Resp: 5575
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 2.872 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 73 Resp: 29728
Ion Ratio Lower Upper
73 100
43 15.4 18.1 27.1#

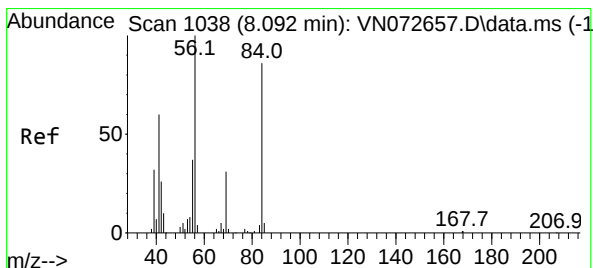
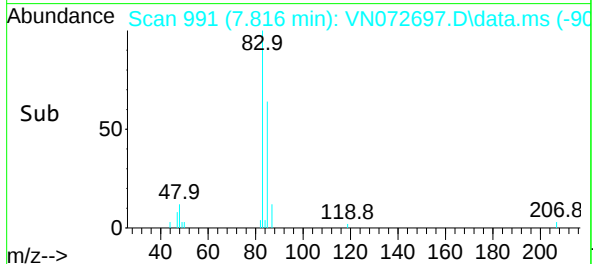
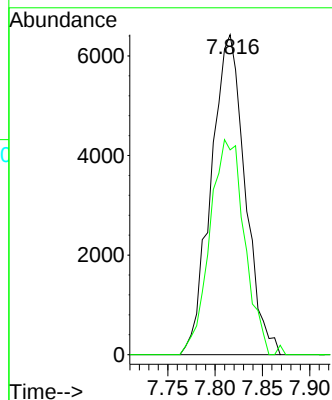
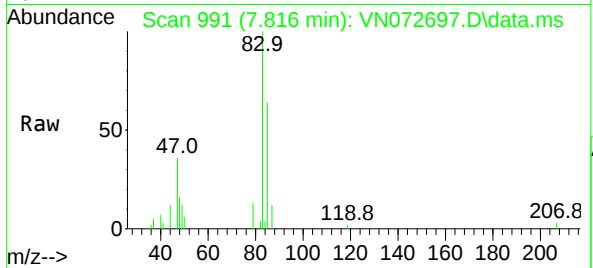




#25
Chloroform
Concen: 2.827 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

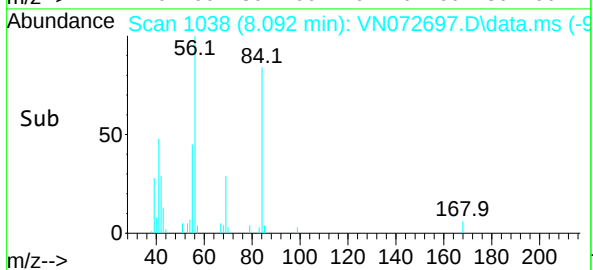
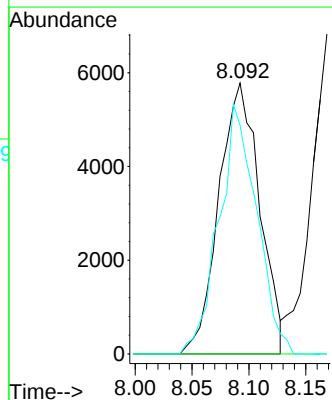
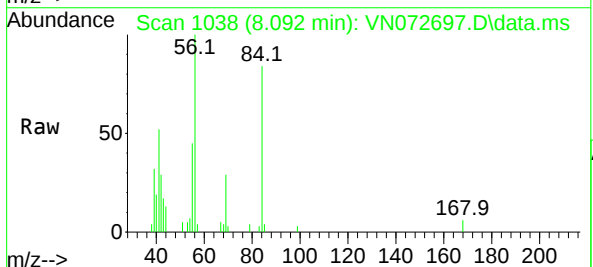
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

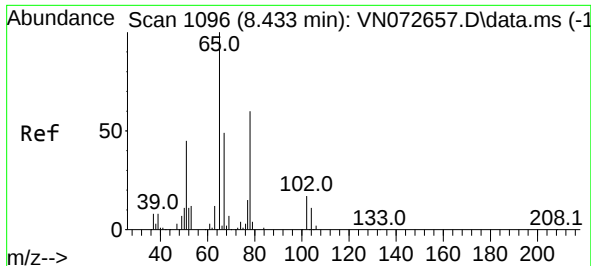
Tgt Ion: 83 Resp: 16065
Ion Ratio Lower Upper
83 100
85 64.0 51.3 76.9



#26
Cyclohexane
Concen: 3.133 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 56 Resp: 14453
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 85.5 74.6 111.8

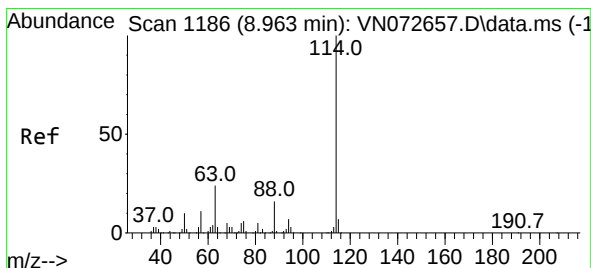
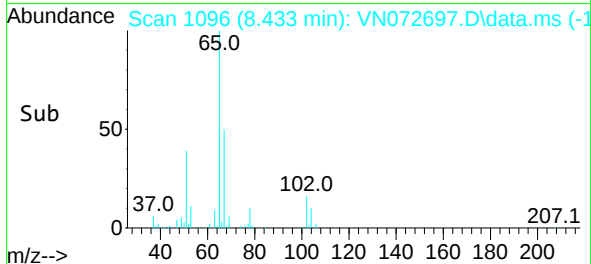
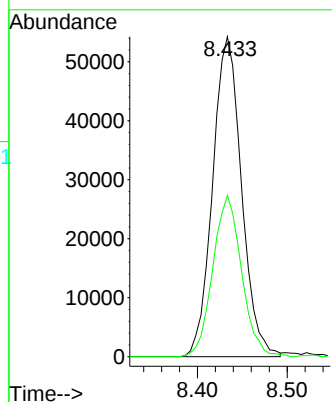
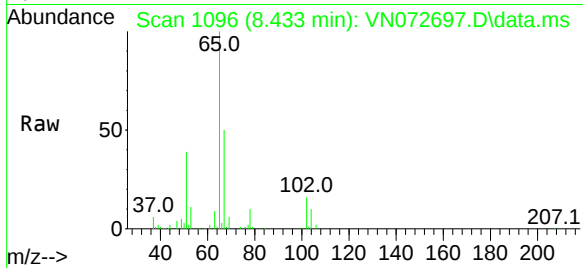




#27
1,2-Dichloroethane-d4
Concen: 30.150 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

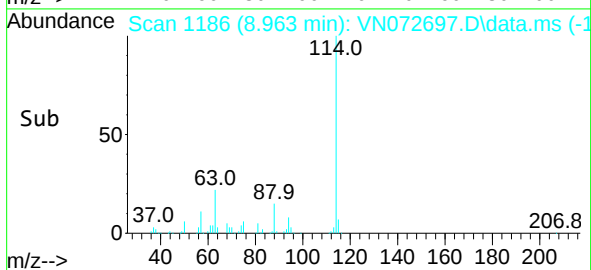
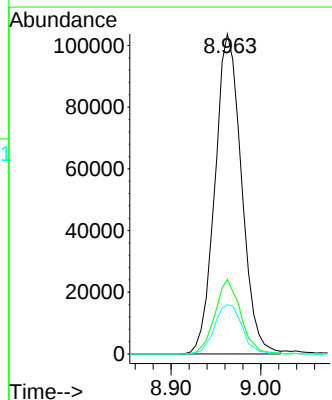
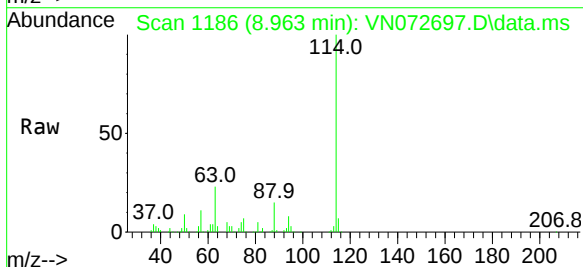
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

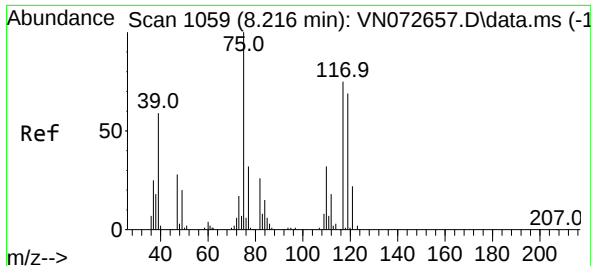
Tgt Ion: 65 Resp: 121140
Ion Ratio Lower Upper
65 100
67 50.1 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 114 Resp: 212681
Ion Ratio Lower Upper
114 100
63 22.7 15.8 23.6
88 16.0 11.6 17.4





#29

1,1-Dichloropropene

Concen: 2.922 ug/l

RT: 8.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

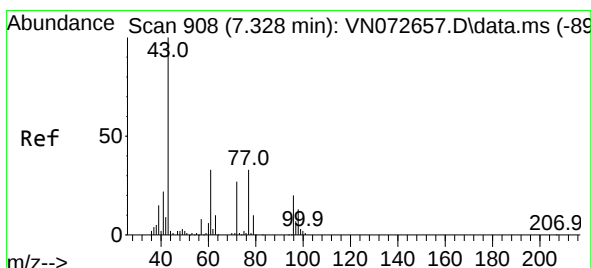
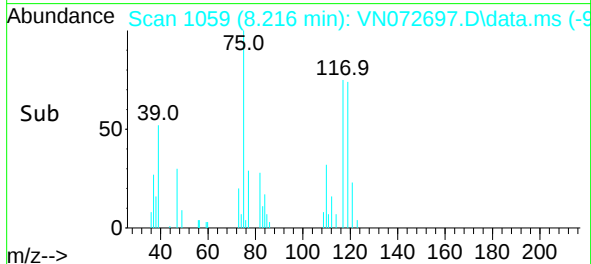
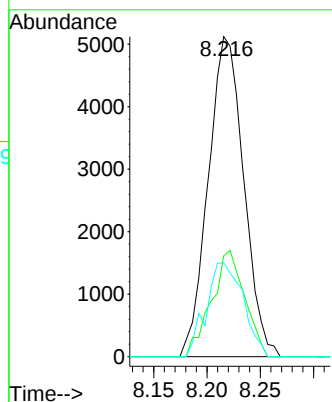
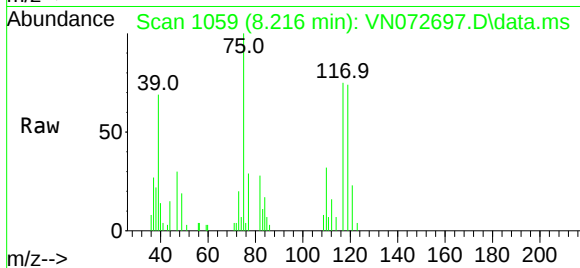
Tgt Ion: 75 Resp: 11845

Ion Ratio Lower Upper

75 100

110 31.0 0.0 74.2

77 30.4 0.0 63.2



#30

2-Butanone

Concen: 13.938 ug/l

RT: 7.333 min Scan# 909

Delta R.T. 0.006 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

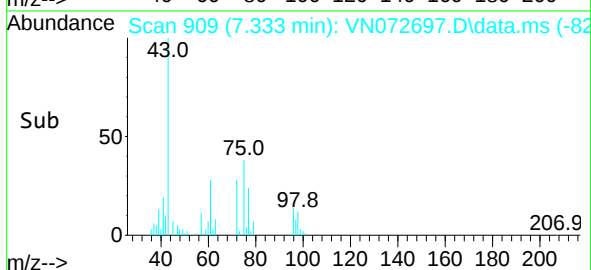
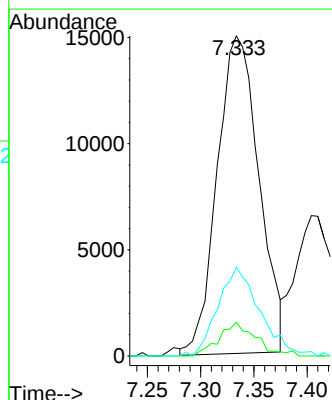
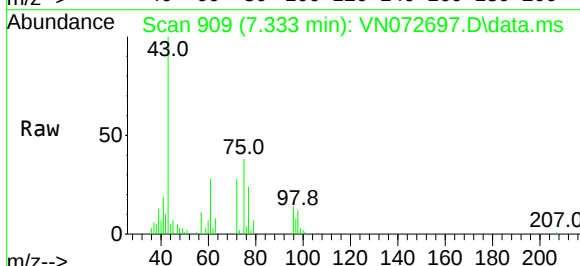
Tgt Ion: 43 Resp: 40894

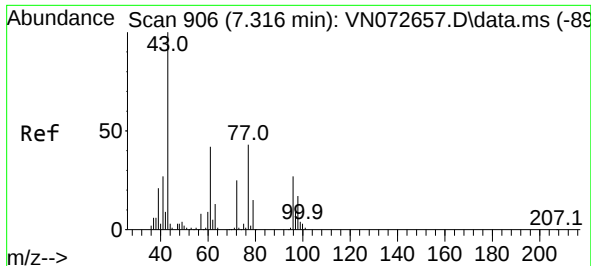
Ion Ratio Lower Upper

43 100

57 8.9 6.7 10.1

72 27.4 23.2 34.8

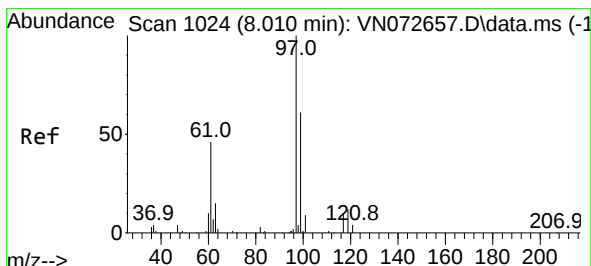
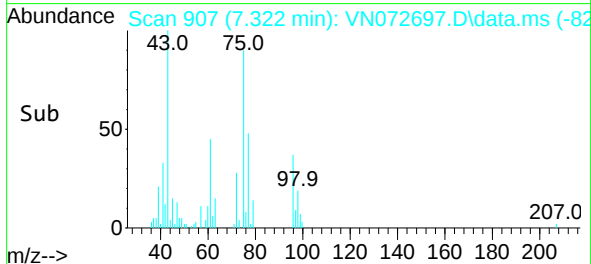
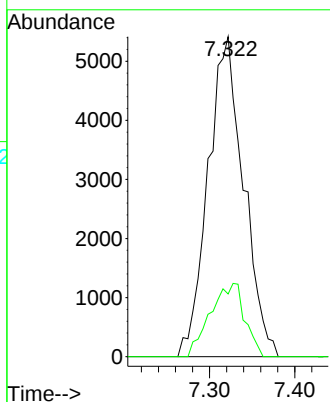
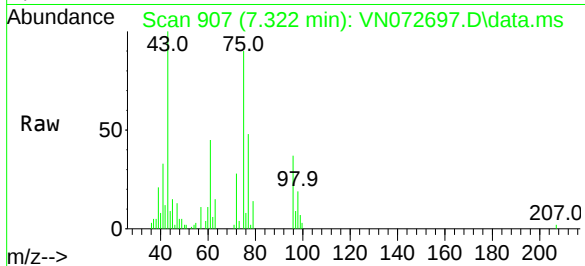




#31
2,2-Dichloropropane
Concen: 2.862 ug/l
RT: 7.322 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

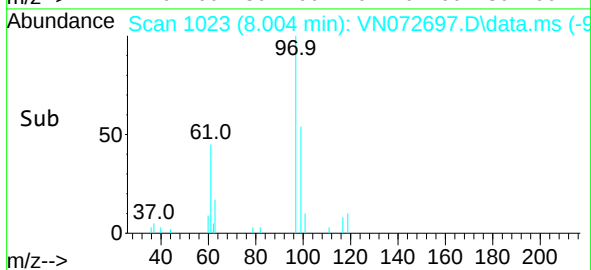
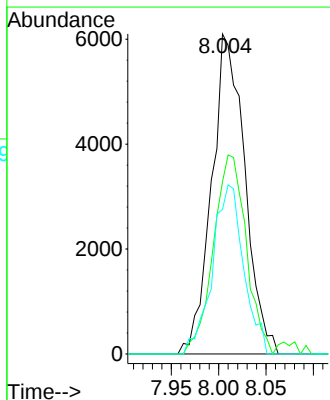
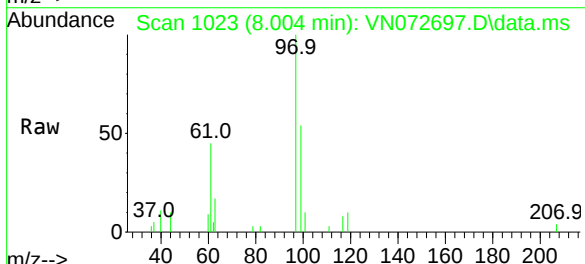
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

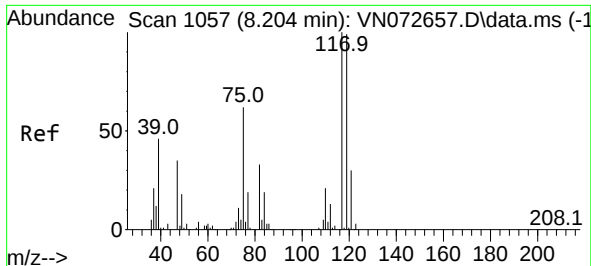
Tgt Ion: 77 Resp: 15704
Ion Ratio Lower Upper
77 100
97 22.1 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 2.791 ug/l
RT: 8.004 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 97 Resp: 14808
Ion Ratio Lower Upper
97 100
99 61.6 50.4 75.6
61 50.1 34.6 51.8

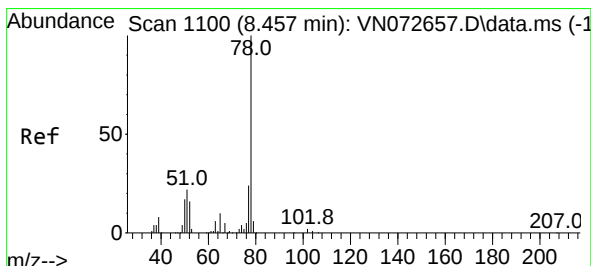
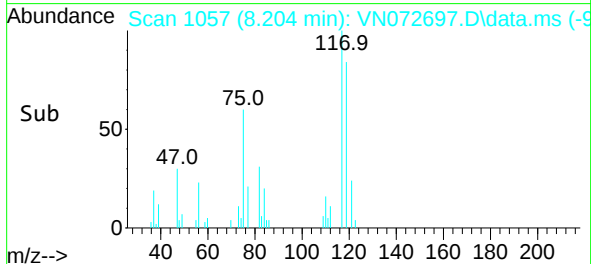
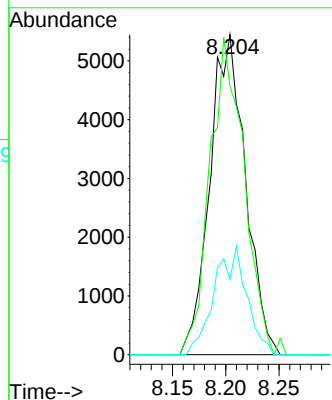
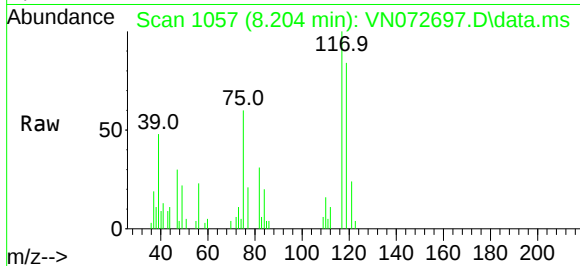




#33
Carbon Tetrachloride
Concen: 2.767 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

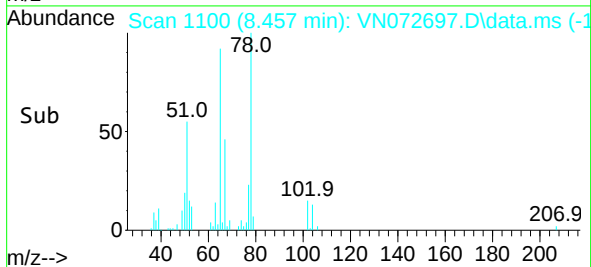
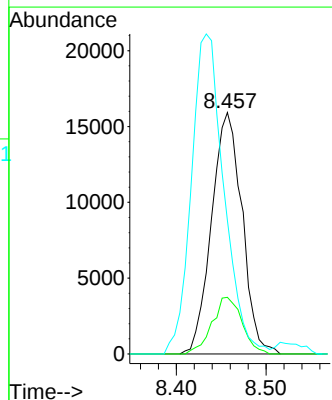
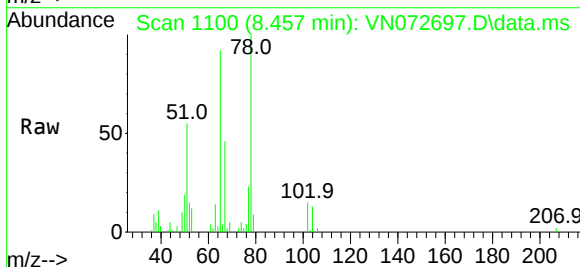
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

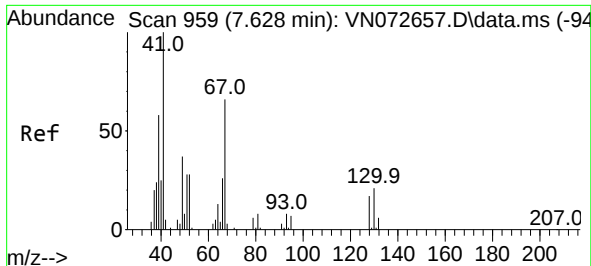
Tgt Ion:	117	Resp:	12658
Ion	Ratio	Lower	Upper
117	100		
119	83.9	77.5	116.3
121	23.6	23.5	35.3



#34
Benzene
Concen: 3.139 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion:	78	Resp:	37653
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7
51	50.5	16.0	24.0

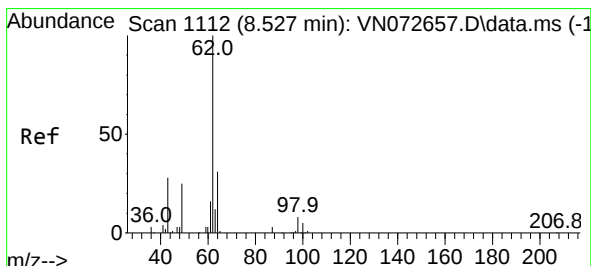
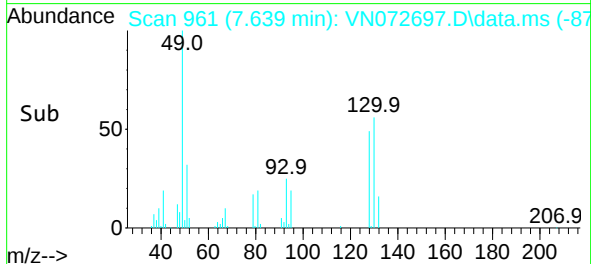
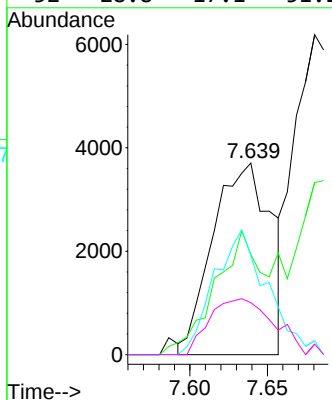
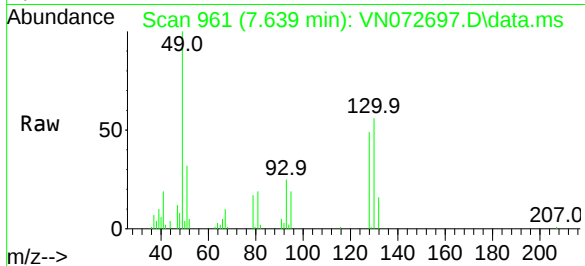




#35
Methacrylonitrile
Concen: 3.352 ug/l
RT: 7.639 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

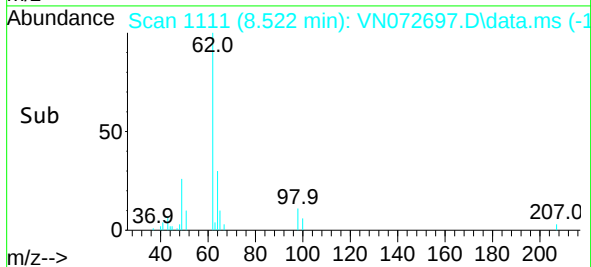
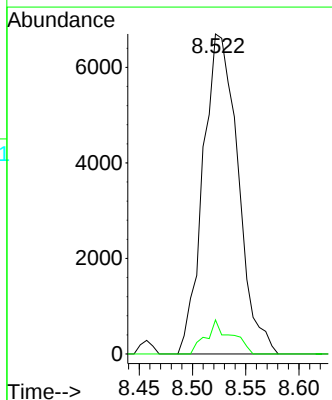
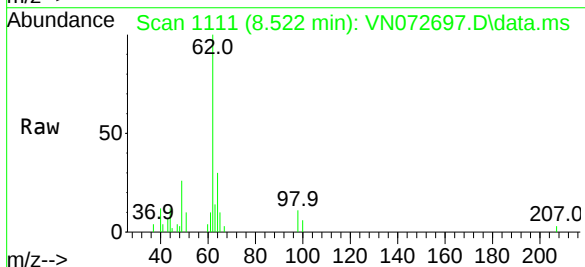
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

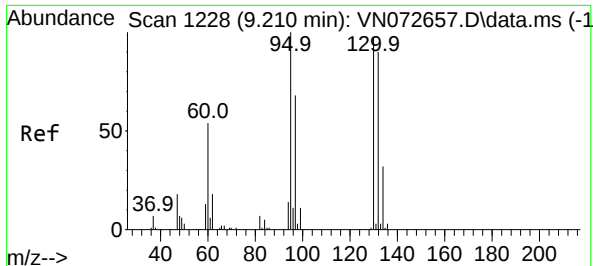
Tgt Ion:	41	Resp:	9644
Ion	Ratio	Lower	Upper
41	100		
39	48.8	28.0	83.9
67	55.0	37.7	113.1
52	28.8	17.1	51.2



#36
1,2-Dichloroethane
Concen: 3.015 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion:	62	Resp:	15280
Ion	Ratio	Lower	Upper
62	100		
98	1.3	6.6	10.0#





#37

Trichloroethene

Concen: 3.007 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

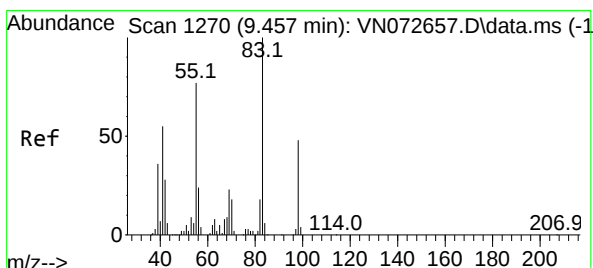
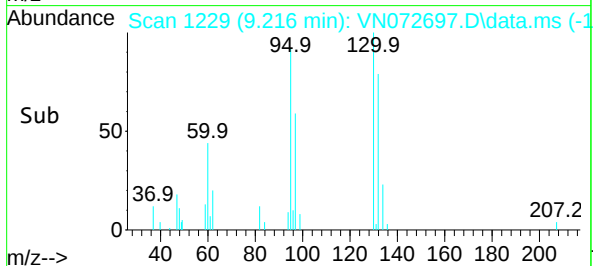
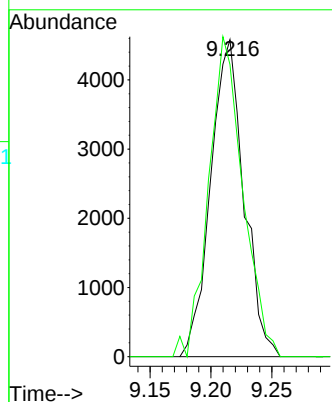
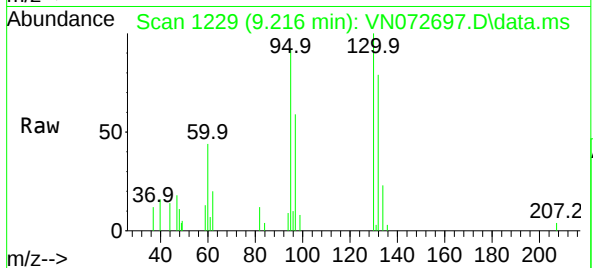
MDL-WATER-03-QT2-2022

Tgt Ion:130 Resp: 8694

Ion Ratio Lower Upper

130 100

95 92.2 76.6 115.0



#38

Methylcyclohexane

Concen: 2.973 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

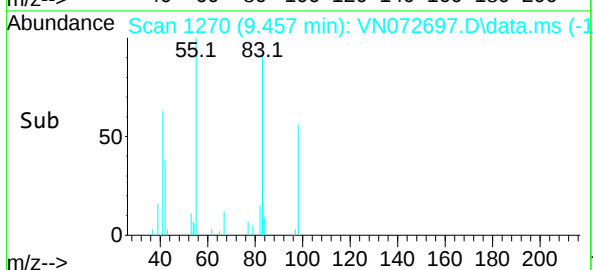
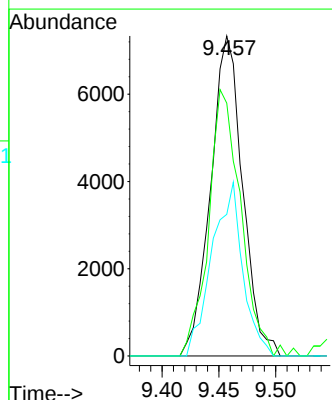
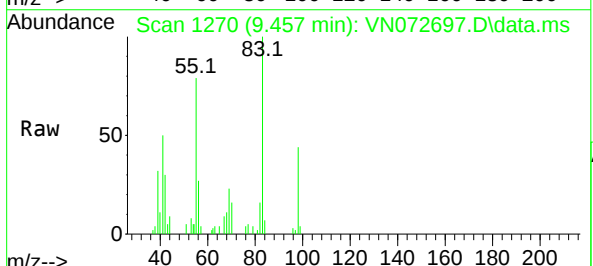
Tgt Ion: 83 Resp: 14391

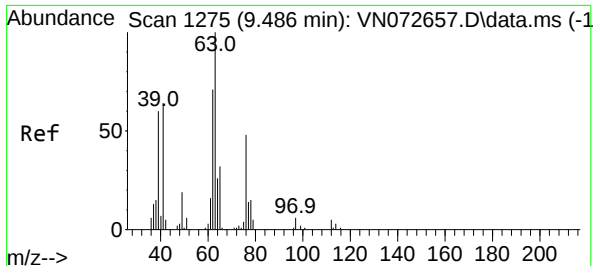
Ion Ratio Lower Upper

83 100

55 82.7 35.1 105.3

98 51.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 2.885 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

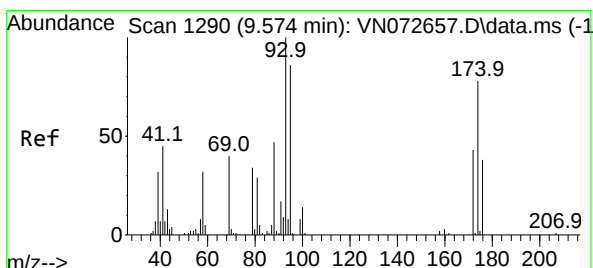
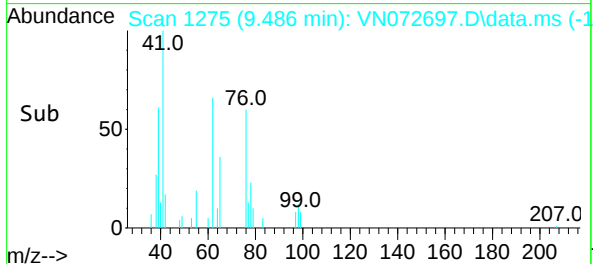
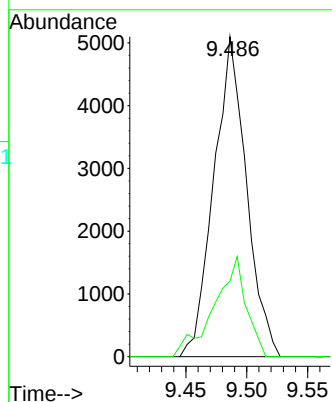
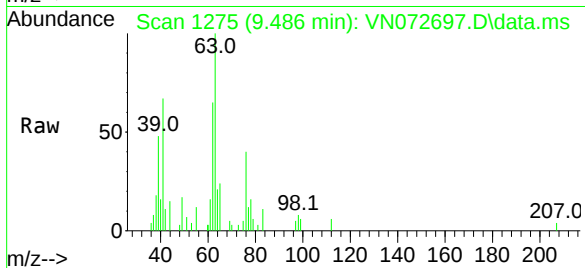
MDL-WATER-03-QT2-2022

Tgt Ion: 63 Resp: 9505

Ion Ratio Lower Upper

63 100

65 23.6 24.2 36.4#



#40

Dibromomethane

Concen: 2.927 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

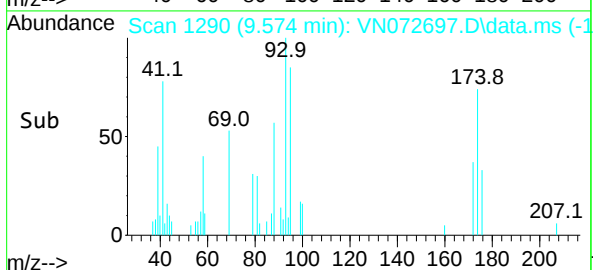
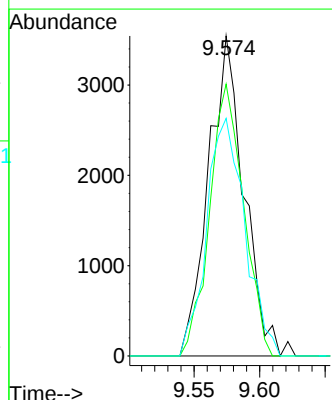
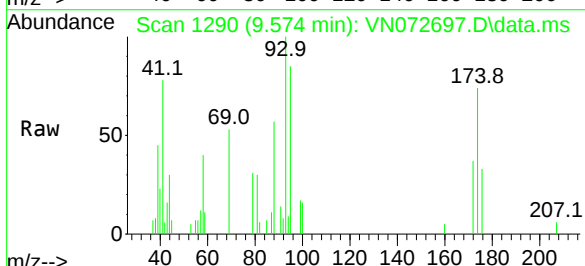
Tgt Ion: 93 Resp: 6620

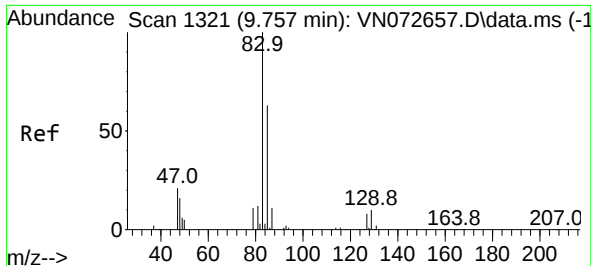
Ion Ratio Lower Upper

93 100

95 81.8 0.0 168.8

174 80.7 0.0 173.6

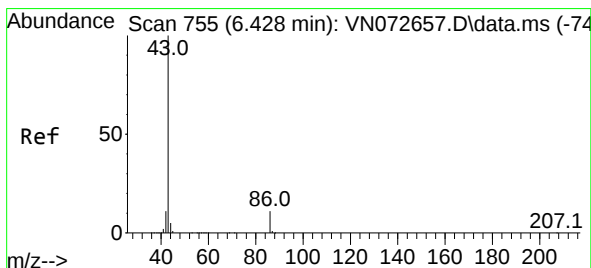
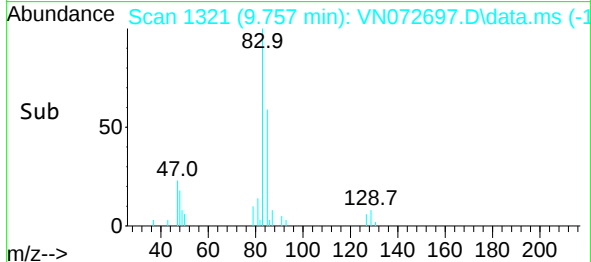
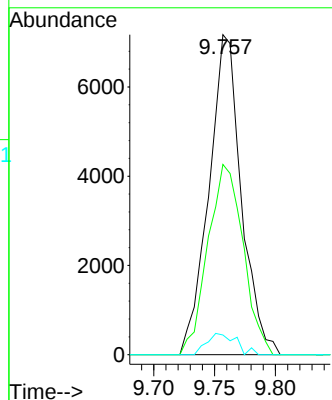
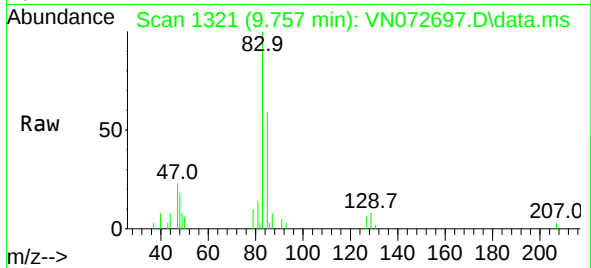




#41
Bromodichloromethane
Concen: 2.748 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

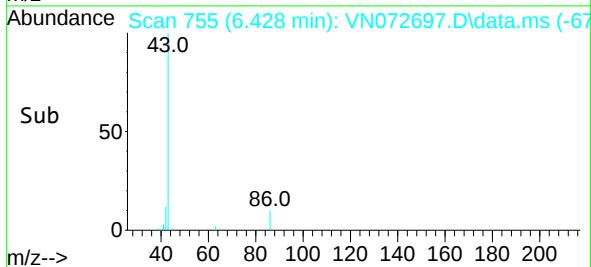
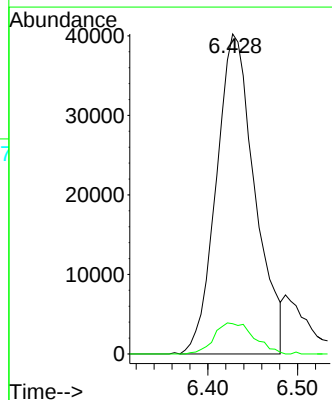
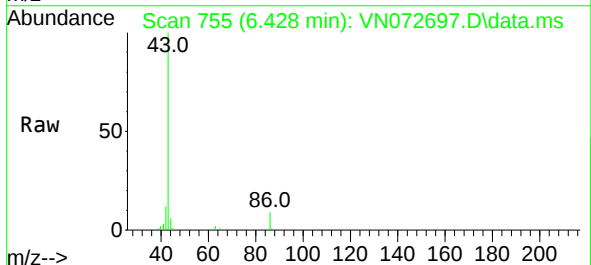
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022

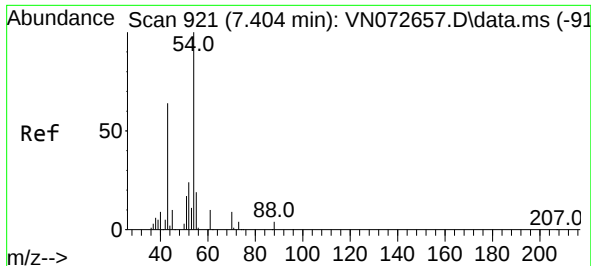
Tgt Ion: 83 Resp: 13297
Ion Ratio Lower Upper
83 100
85 59.4 54.1 81.1
127 6.2 7.6 11.4#



#42
Vinyl Acetate
Concen: 12.549 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 43 Resp: 119868
Ion Ratio Lower Upper
43 100
86 6.2 7.5 11.3#

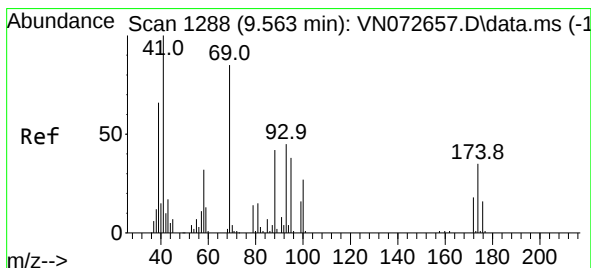
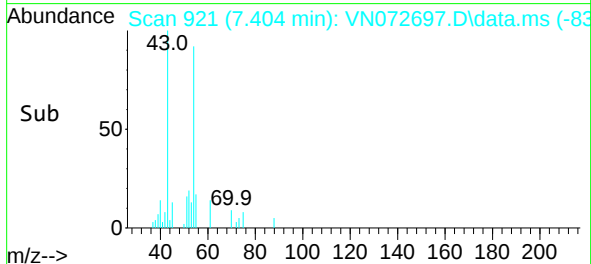
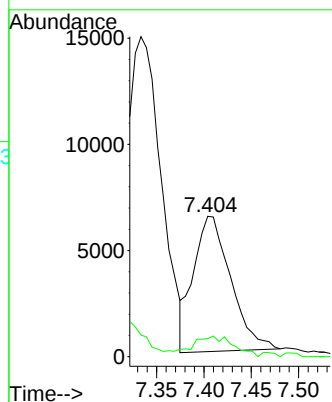
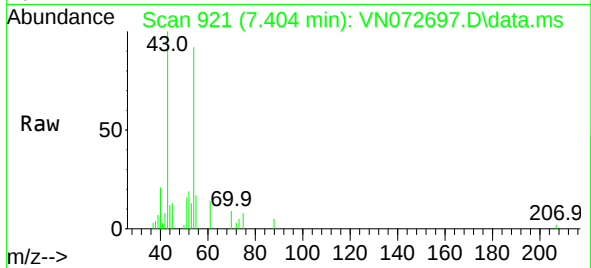




#43
Ethyl Acetate
Concen: 3.115 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

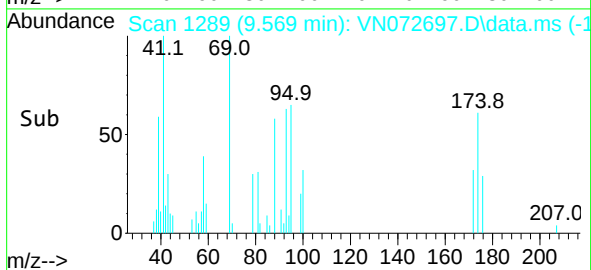
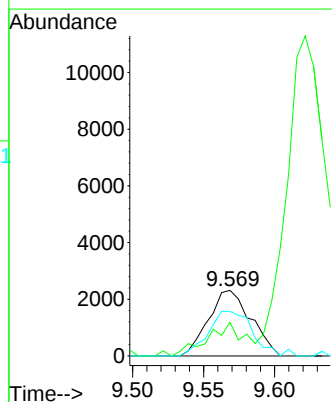
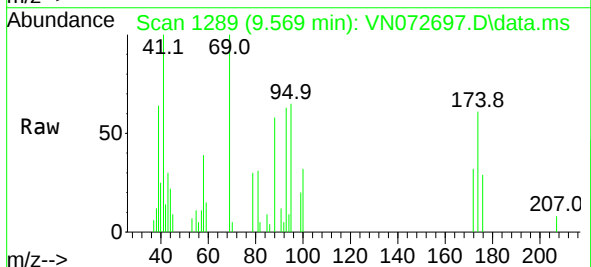
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

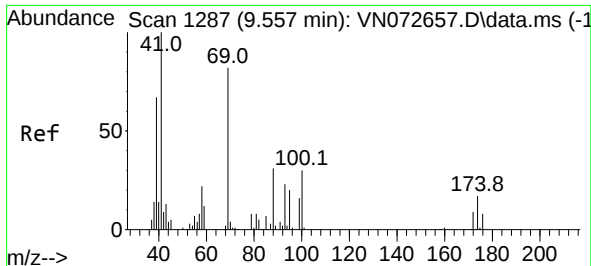
Tgt Ion: 43 Resp: 17512
Ion Ratio Lower Upper
43 100
45 10.3 10.6 16.0#



#45
1,4-Dioxane
Concen: 62.705 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 88 Resp: 4805
Ion Ratio Lower Upper
88 100
43 20.2 25.0 37.6#
58 69.7 49.4 74.2

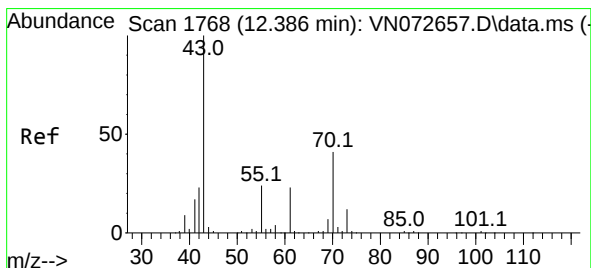
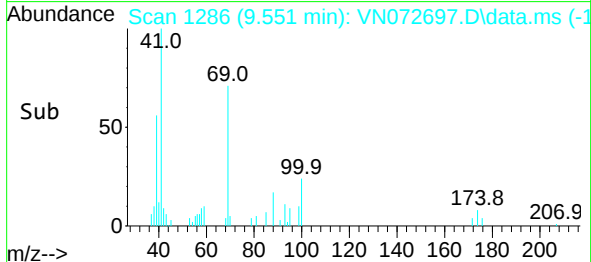
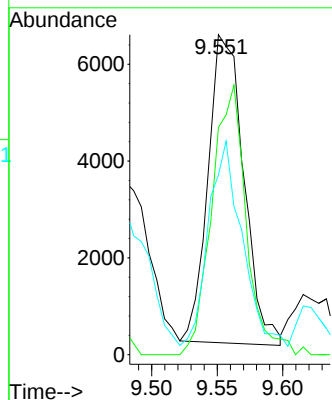
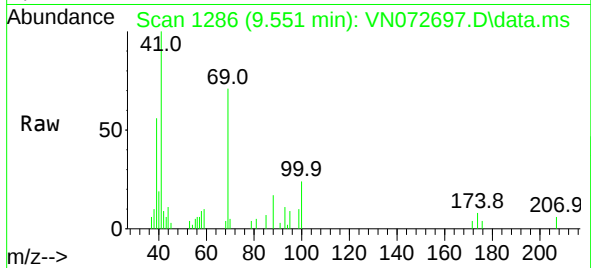




#46
Methyl methacrylate
Concen: 2.885 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

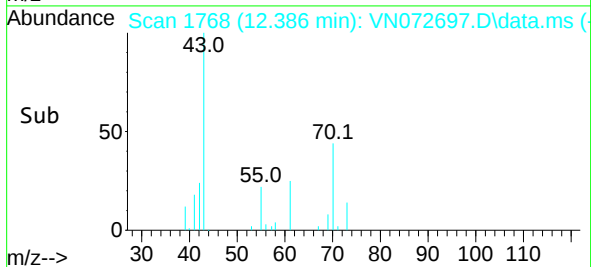
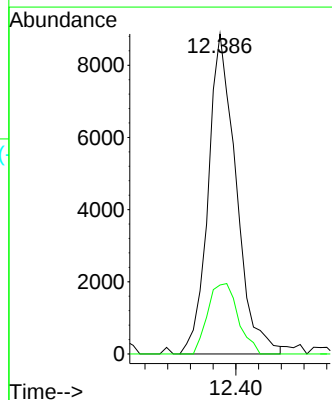
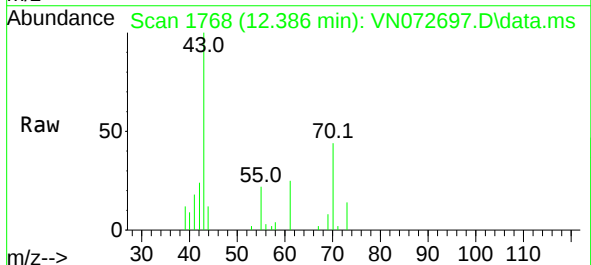
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

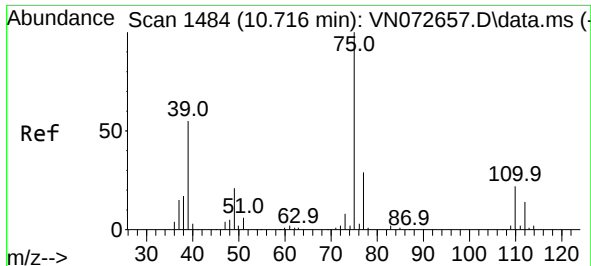
Tgt Ion:	41	Resp:	12029
Ion	Ratio	Lower	Upper
41	100		
69	74.3	44.4	133.2
39	55.6	39.9	119.6



#47
n-amy1 Acetate
Concen: 2.119 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion:	43	Resp:	15129
Ion	Ratio	Lower	Upper
43	100		
55	23.8	19.0	28.6

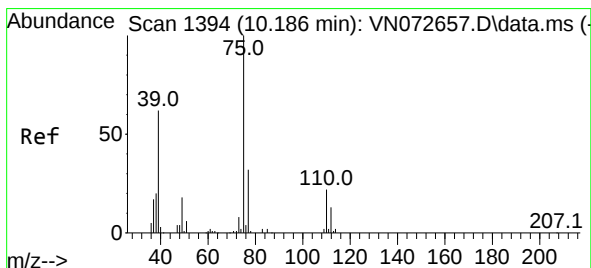
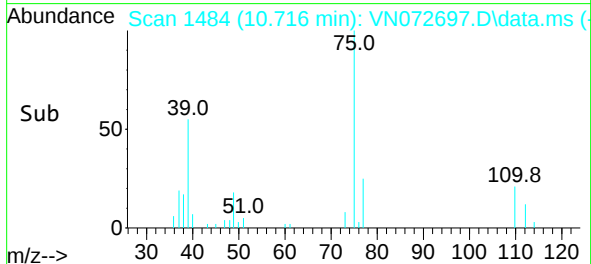
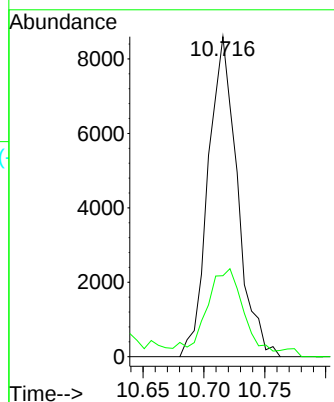
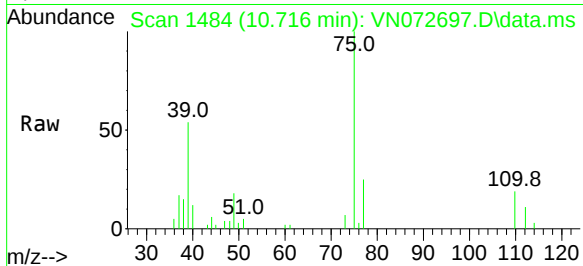




#48
t-1,3-Dichloropropene
Concen: 2.603 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

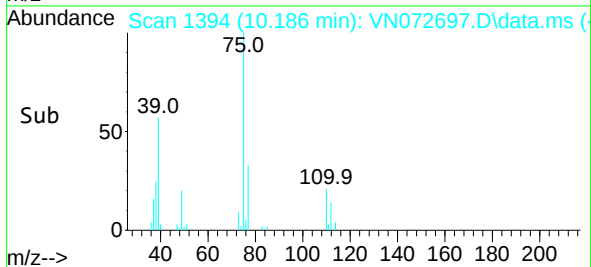
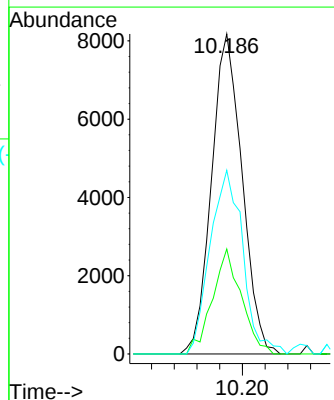
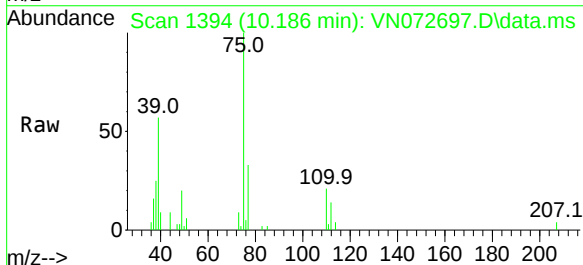
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022

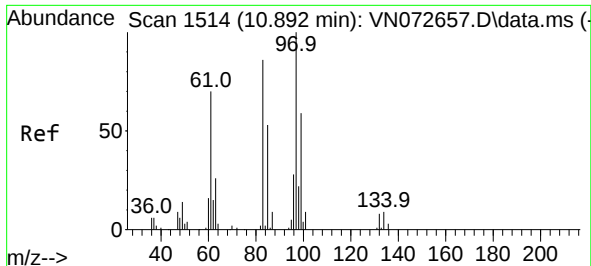
Tgt Ion: 75 Resp: 14377
Ion Ratio Lower Upper
75 100
77 23.4 25.3 37.9#



#49
cis-1,3-Dichloropropene
Concen: 2.723 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 75 Resp: 15271
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
39 57.4 46.2 69.4

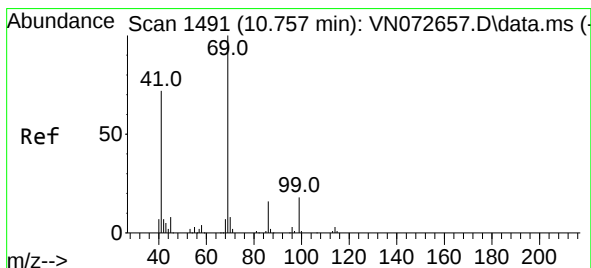
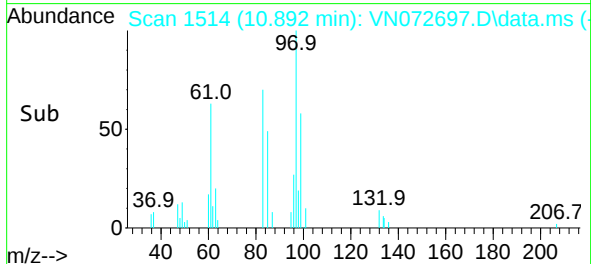
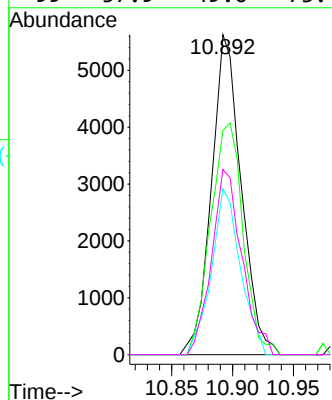
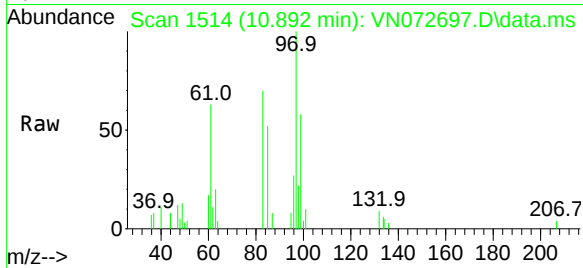




#50
1,1,2-Trichloroethane
Concen: 2.989 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

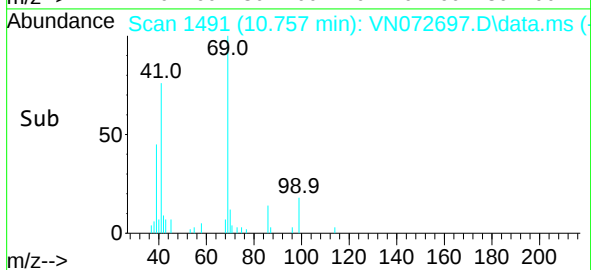
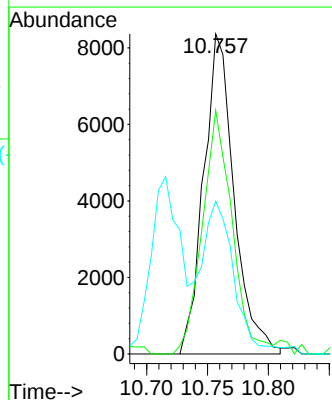
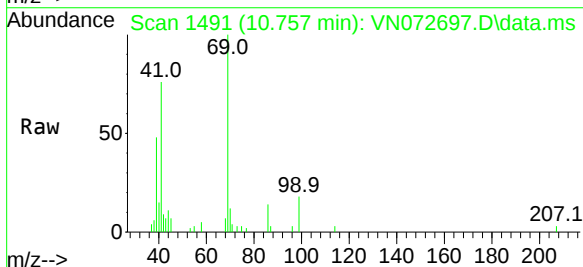
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

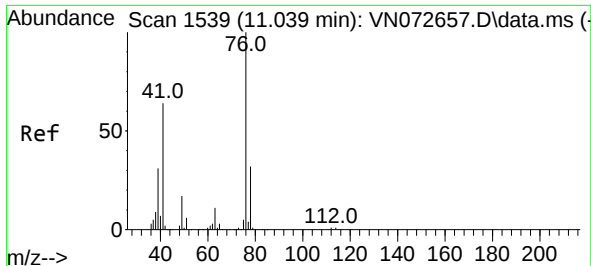
Tgt Ion: 97	Resp: 9559
Ion Ratio	Lower Upper
97 100	
83 70.1	67.2 100.8
85 51.9	43.0 64.4
99 57.9	49.0 73.4



#51
Ethyl methacrylate
Concen: 2.512 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 69	Resp: 14552
Ion Ratio	Lower Upper
69 100	
41 73.5	33.0 98.9
39 45.8	25.4 76.4





#52

1,3-Dichloropropane

Concen: 2.898 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

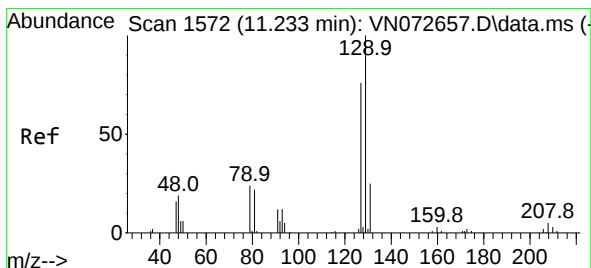
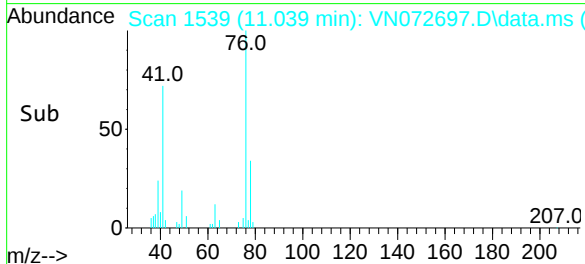
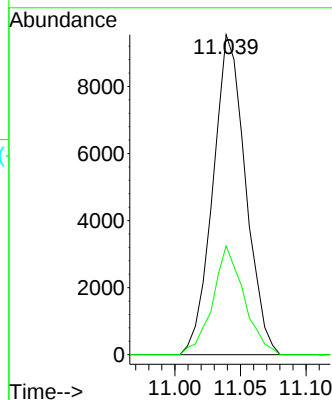
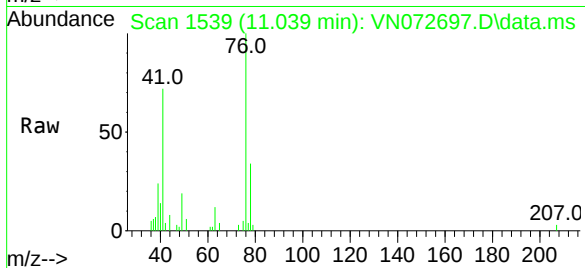
MDL-WATER-03-QT2-2022

Tgt Ion: 76 Resp: 16495

Ion Ratio Lower Upper

76 100

78 32.7 0.0 65.4



#53

Dibromochloromethane

Concen: 2.536 ug/l

RT: 11.233 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VN072697.D

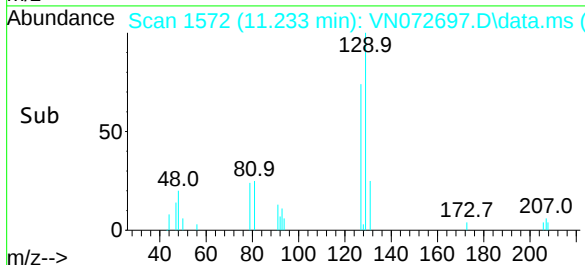
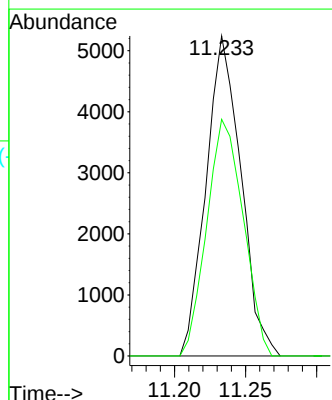
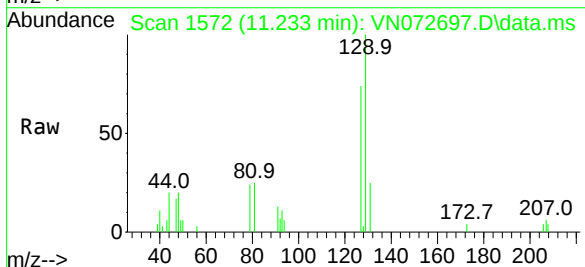
Acq: 08 Jun 2022 11:27

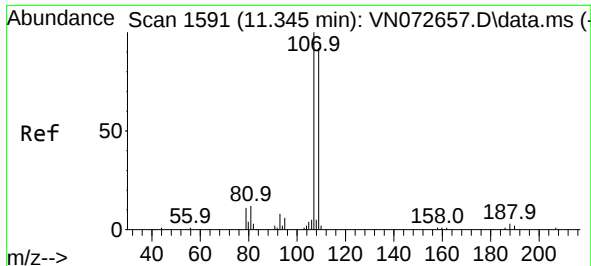
Tgt Ion: 129 Resp: 8947

Ion Ratio Lower Upper

129 100

127 77.4 39.0 117.0

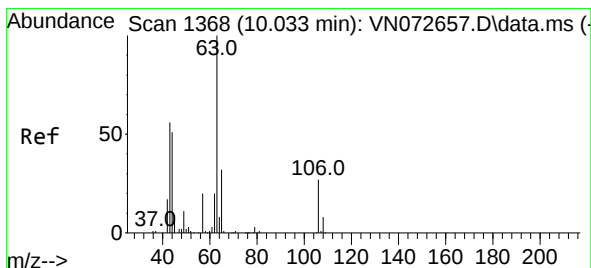
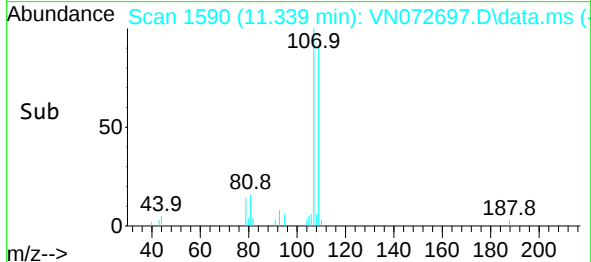
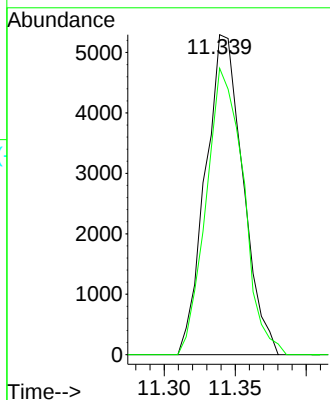
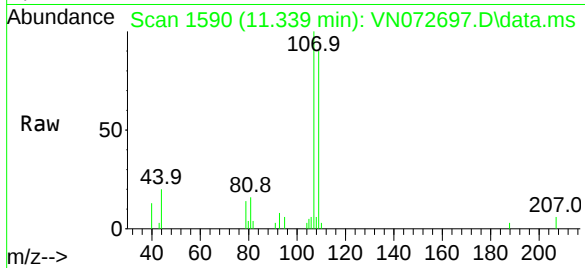




#54
1,2-Dibromoethane
Concen: 2.893 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

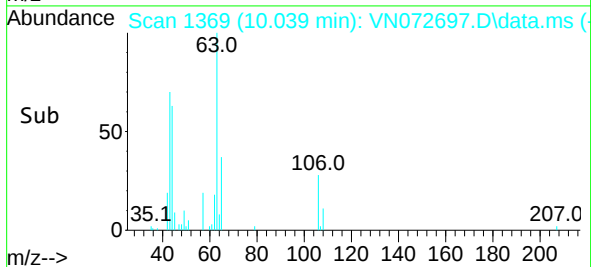
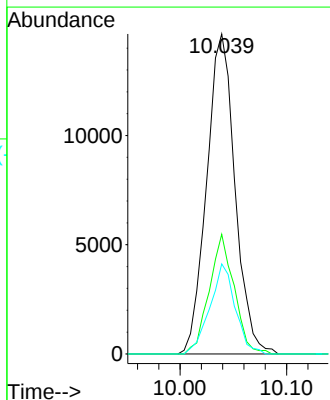
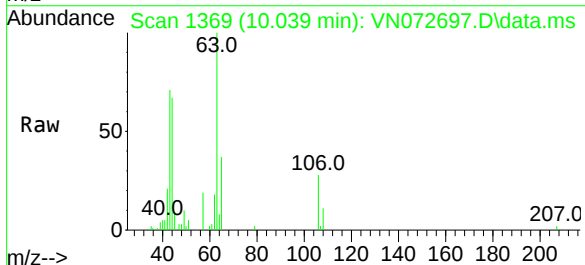
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

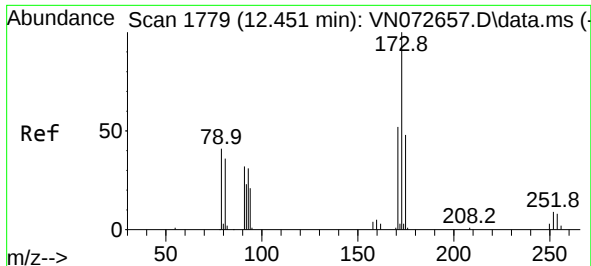
Tgt Ion:107 Resp: 9727
Ion Ratio Lower Upper
107 100
109 88.9 72.8 109.2



#55
2-Chloroethyl vinyl ether
Concen: 11.931 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 63 Resp: 27068
Ion Ratio Lower Upper
63 100
65 32.9 25.4 38.0
106 25.2 23.2 34.8

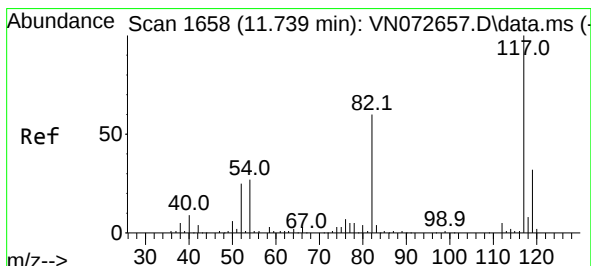
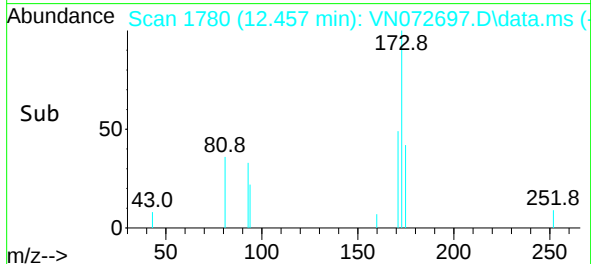
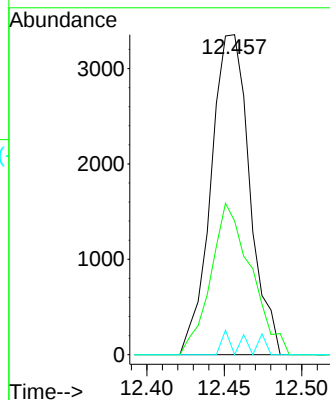
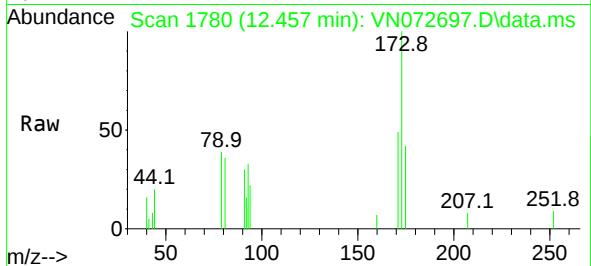




#56
Bromoform
Concen: 2.373 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

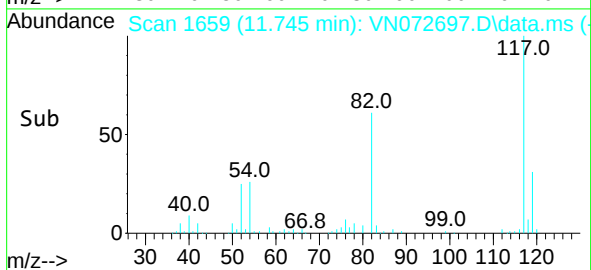
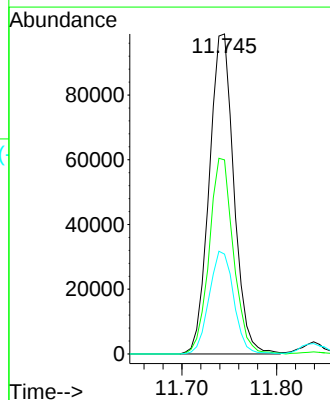
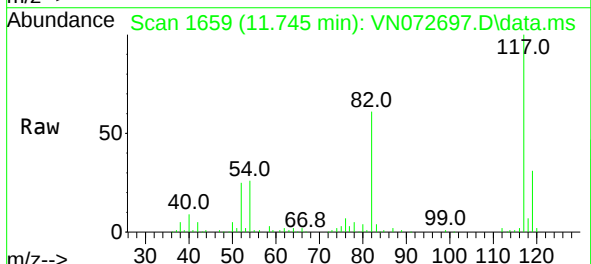
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

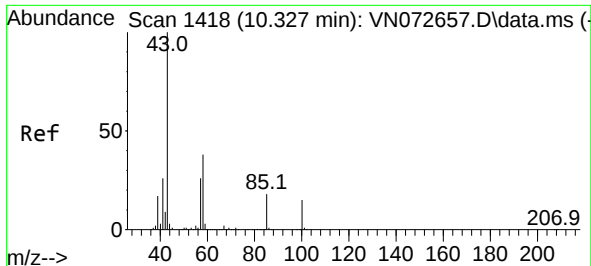
Tgt Ion:173 Resp: 5834
Ion Ratio Lower Upper
173 100
175 49.2 38.6 58.0
254 1.6 0.0 0.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion:117 Resp: 178548
Ion Ratio Lower Upper
117 100
82 60.3 43.6 65.4
119 31.9 25.8 38.6

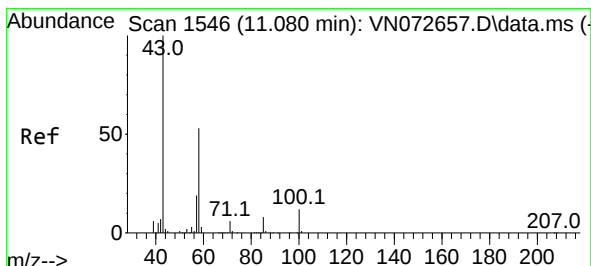
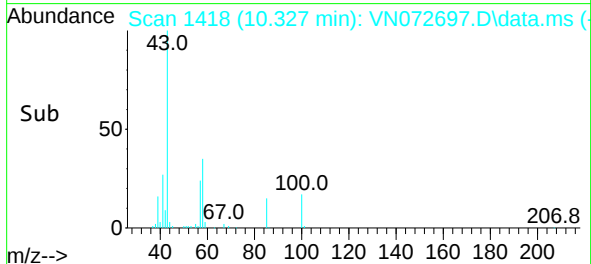
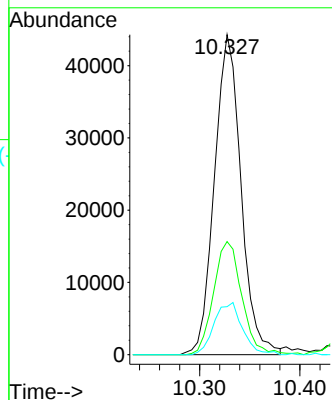
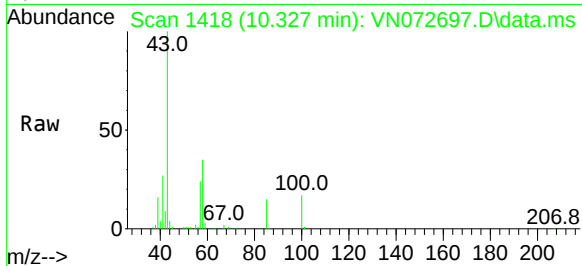




#58
4-Methyl-2-Pentanone
Concen: 15.248 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

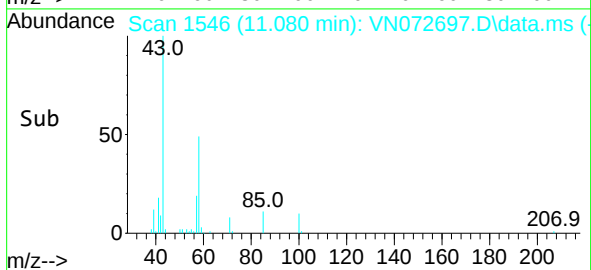
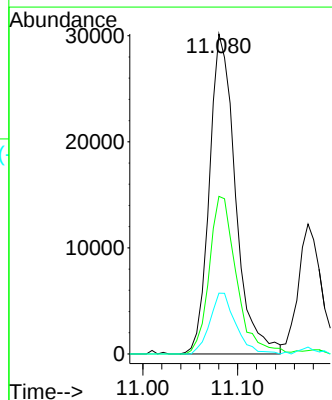
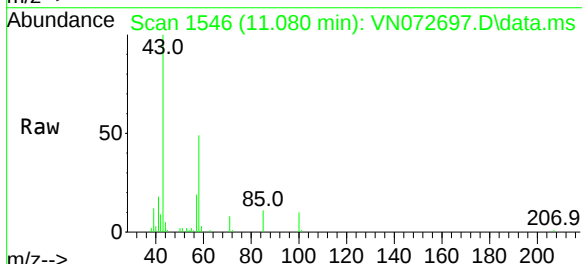
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

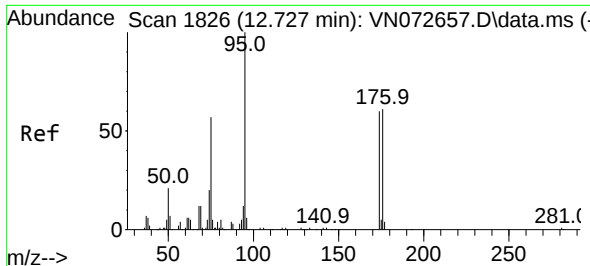
Tgt Ion:	43	Resp:	81657
Ion	Ratio	Lower	Upper
43	100		
58	37.5	30.0	45.0
85	17.2	15.0	22.6



#59
2-Hexanone
Concen: 14.228 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion:	43	Resp:	57768
Ion	Ratio	Lower	Upper
43	100		
58	51.2	42.2	63.2
57	18.5	15.0	22.4

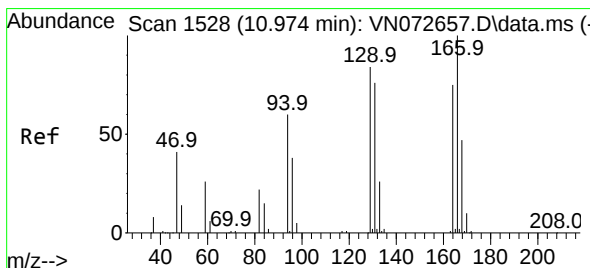
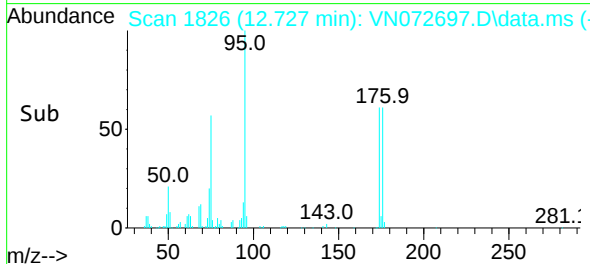
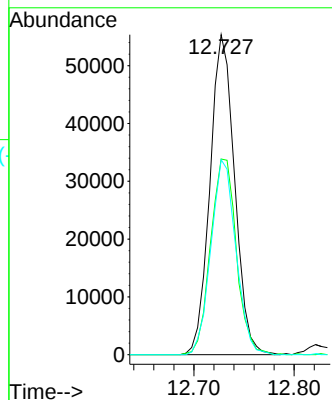
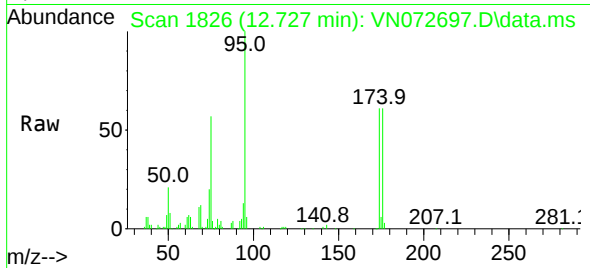




#60
4-Bromofluorobenzene
Concen: 25.732 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

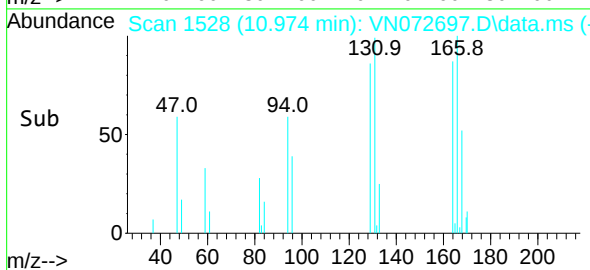
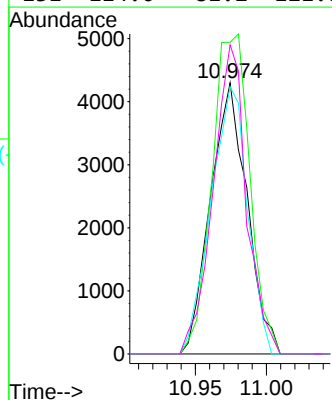
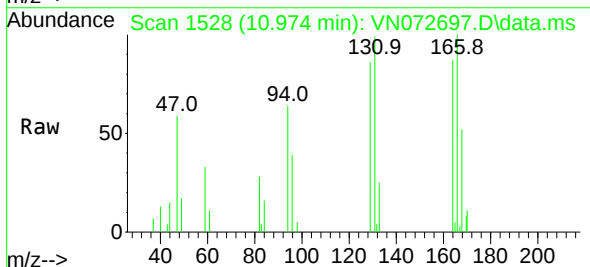
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

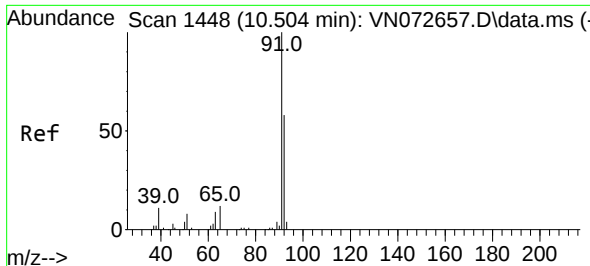
Tgt Ion:	95	Resp:	94498
Ion Ratio	Lower	Upper	
95	100		
174	64.1	62.9	94.3
176	61.8	61.0	91.4



#61
Tetrachloroethene
Concen: 3.480 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion:	164	Resp:	7690
Ion Ratio	Lower	Upper	
164	100		
166	114.9	105.8	158.8
129	98.6	82.5	123.7
131	114.0	81.2	121.8

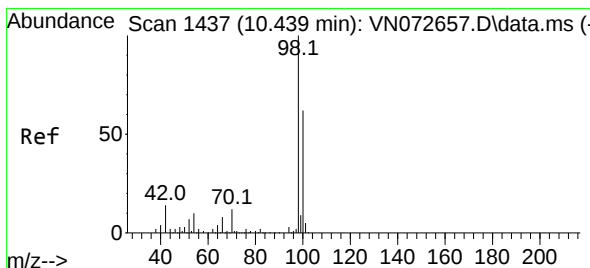
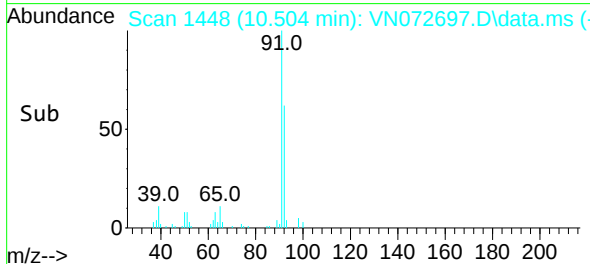
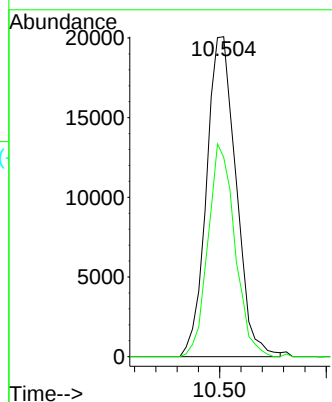
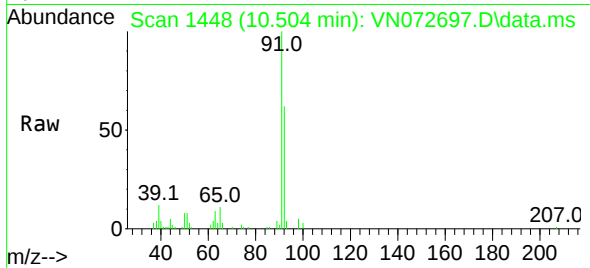




#62
Toluene
Concen: 3.204 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

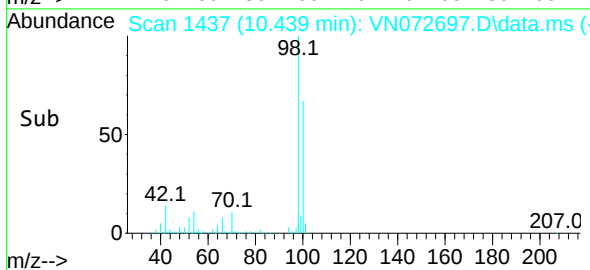
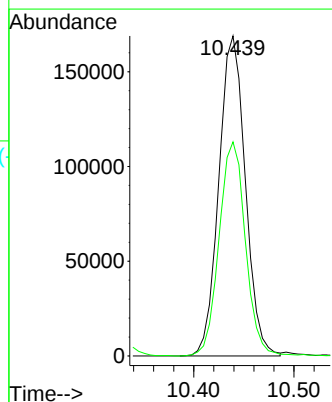
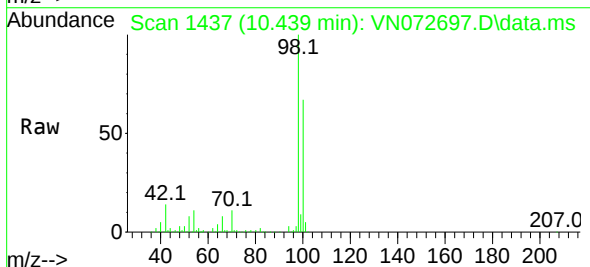
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022

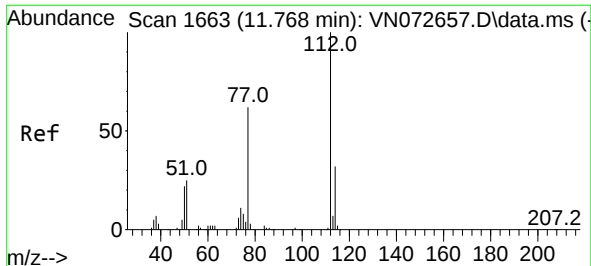
Tgt Ion: 91 Resp: 38784
Ion Ratio Lower Upper
91 100
92 60.4 44.6 67.0



#63
Toluene-d8
Concen: 31.343 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 98 Resp: 310007
Ion Ratio Lower Upper
98 100
100 66.5 50.6 76.0

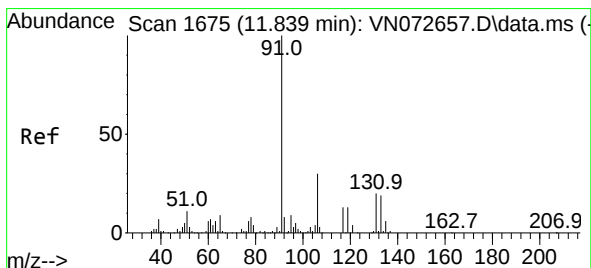
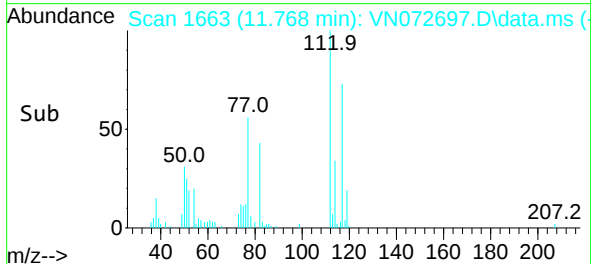
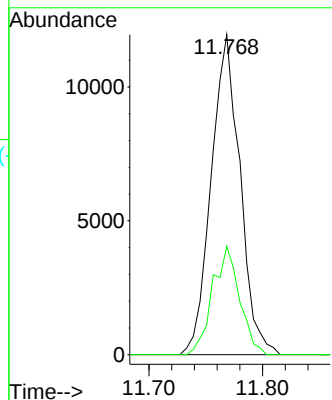
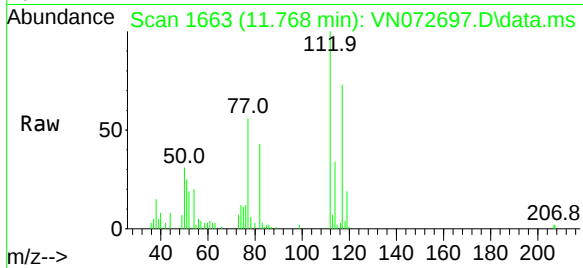




#64
Chlorobenzene
Concen: 2.863 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

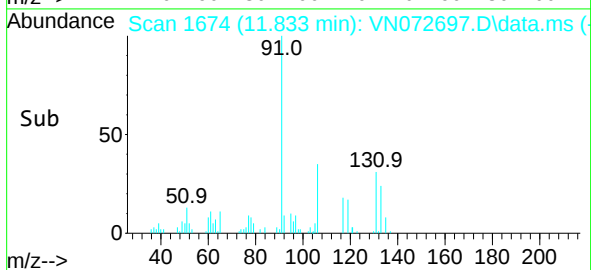
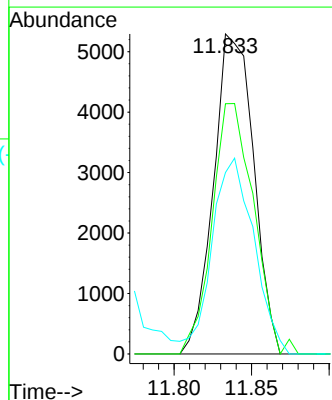
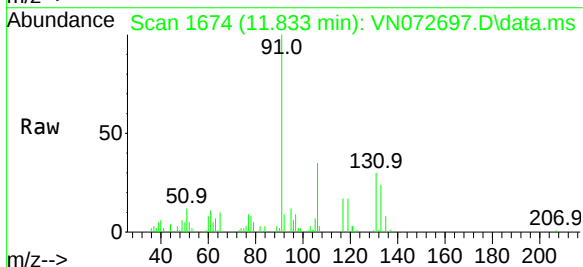
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

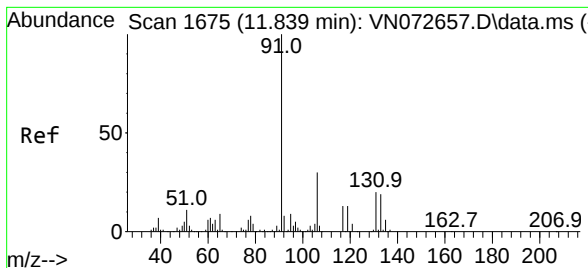
Tgt Ion:112 Resp: 21105
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6



#65
1,1,1,2-Tetrachloroethane
Concen: 3.276 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion:131 Resp: 9521
Ion Ratio Lower Upper
131 100
133 80.1 0.0 191.2
119 63.8 0.0 128.8





#66

Ethyl Benzene

Concen: 2.945 ug/l

RT: 11.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

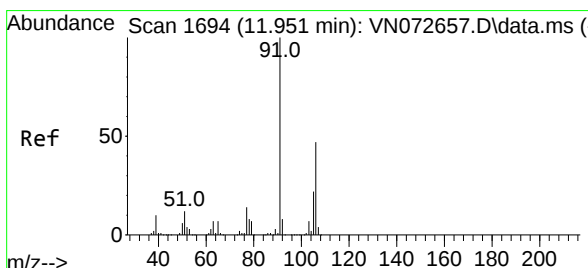
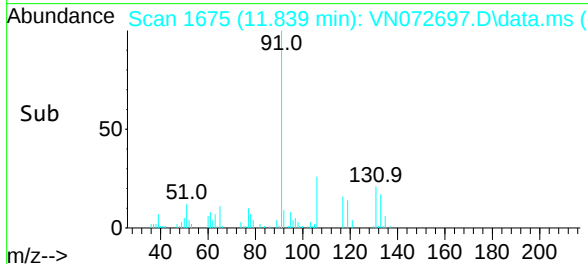
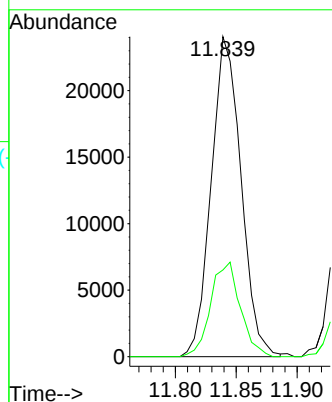
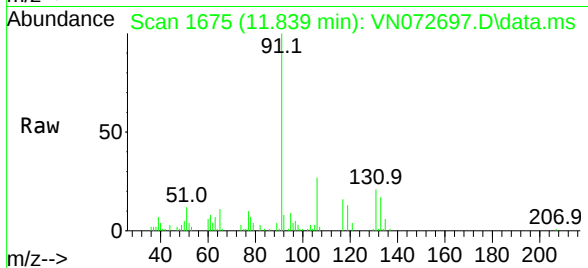
MDL-WATER-03-QT2-2022

Tgt Ion: 91 Resp: 40939

Ion Ratio Lower Upper

91 100

106 27.1 24.0 36.0



#67

m/p-Xylenes

Concen: 5.831 ug/l

RT: 11.951 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VN072697.D

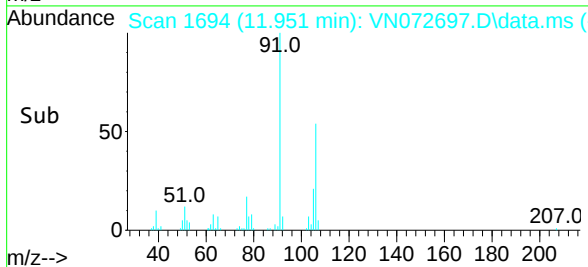
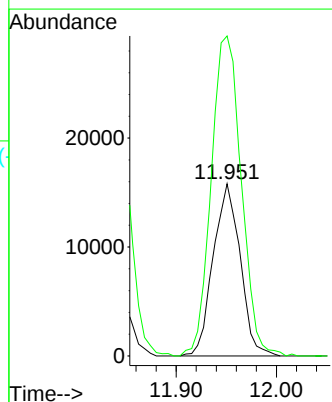
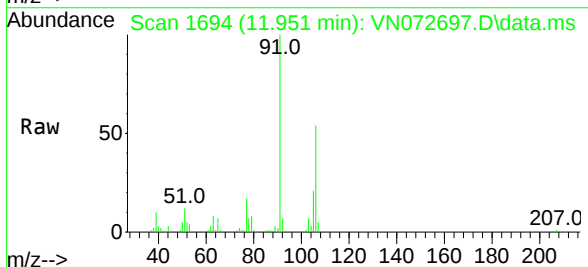
Acq: 08 Jun 2022 11:27

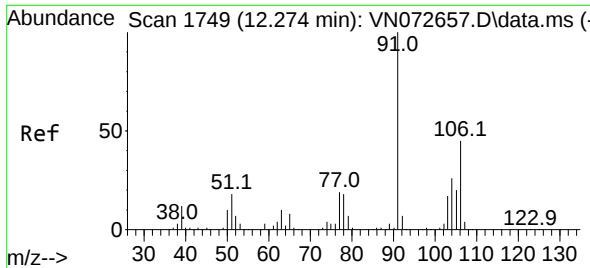
Tgt Ion:106 Resp: 29563

Ion Ratio Lower Upper

106 100

91 206.8 162.9 244.3

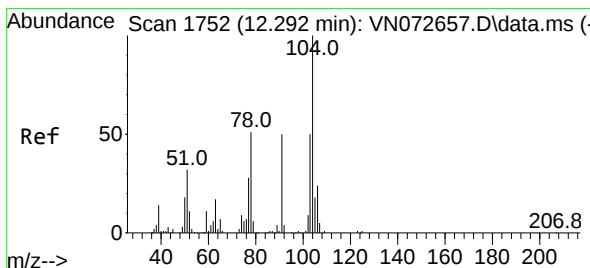
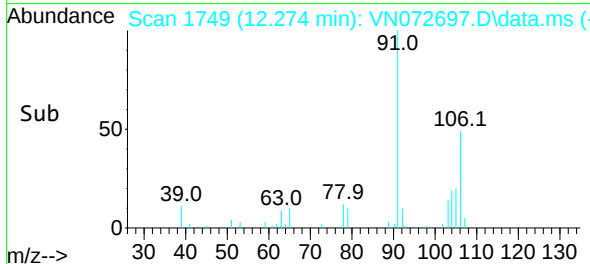
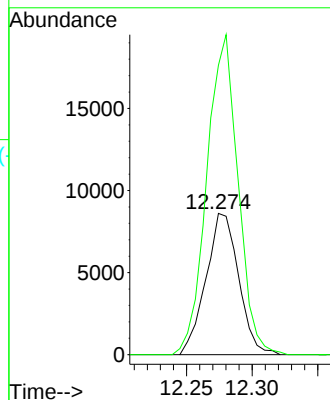
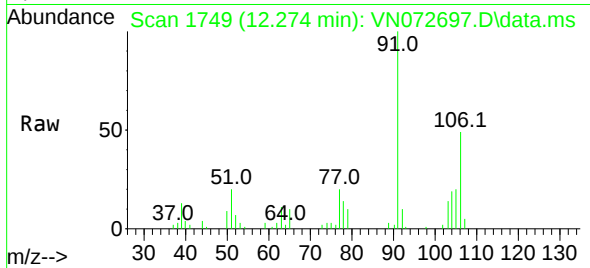




#68
o-Xylene
Concen: 2.889 ug/l
RT: 12.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

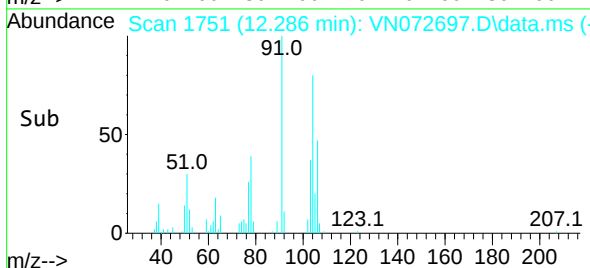
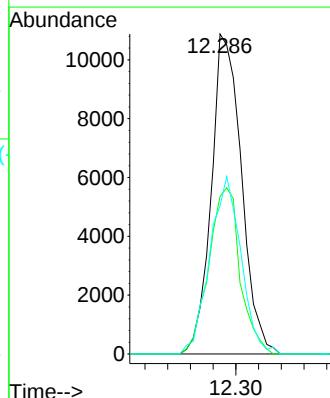
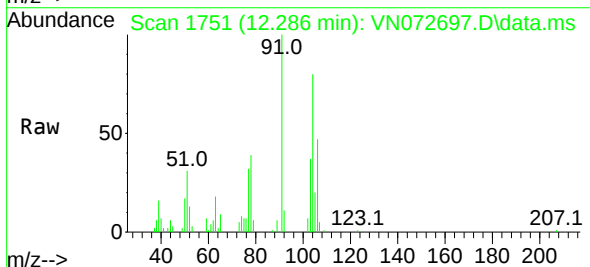
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

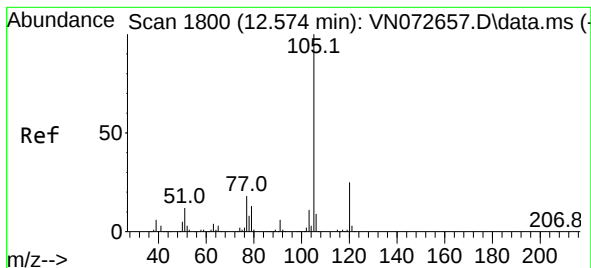
Tgt Ion:106 Resp: 14943
Ion Ratio Lower Upper
106 100
91 216.1 107.7 323.1



#69
Styrene
Concen: 2.440 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion:104 Resp: 20035
Ion Ratio Lower Upper
104 100
78 54.1 40.7 61.1
103 57.5 45.8 68.8





#70

Isopropylbenzene

Concen: 2.773 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

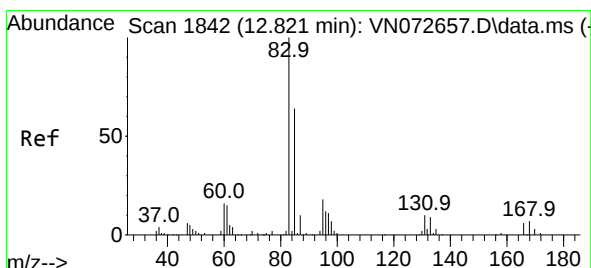
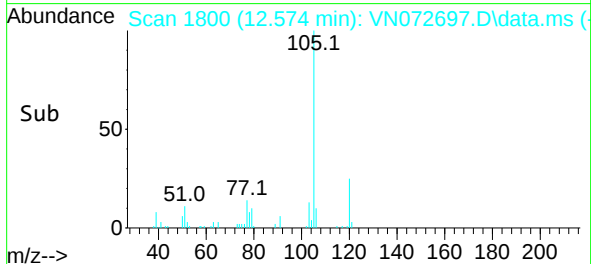
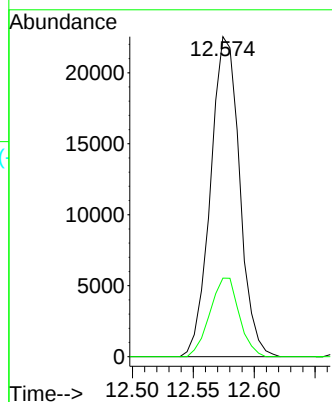
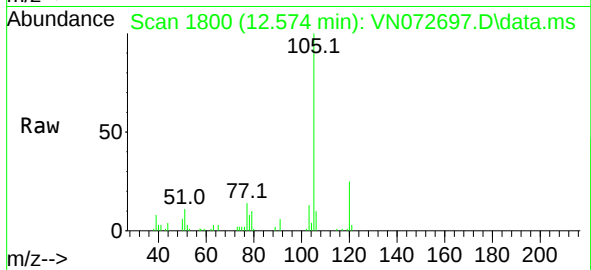
MDL-WATER-03-QT2-2022

Tgt Ion:105 Resp: 37482

Ion Ratio Lower Upper

105 100

120 24.7 18.3 34.1



#71

1,1,2,2-Tetrachloroethane

Concen: 2.831 ug/l

RT: 12.821 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

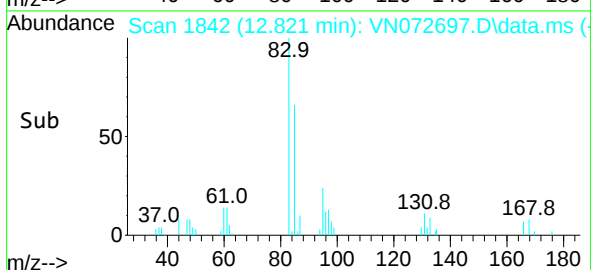
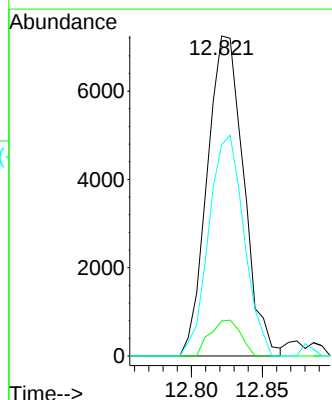
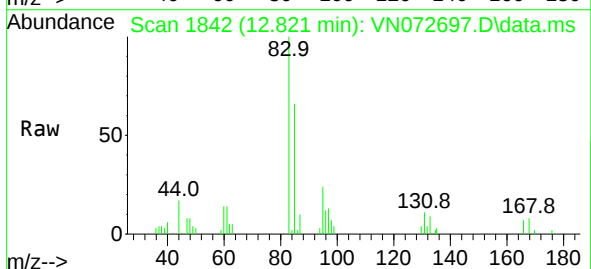
Tgt Ion: 83 Resp: 12951

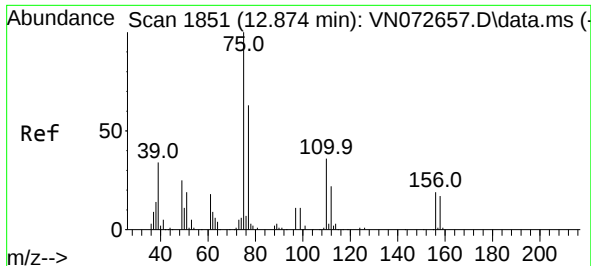
Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

85 66.4 33.1 99.2

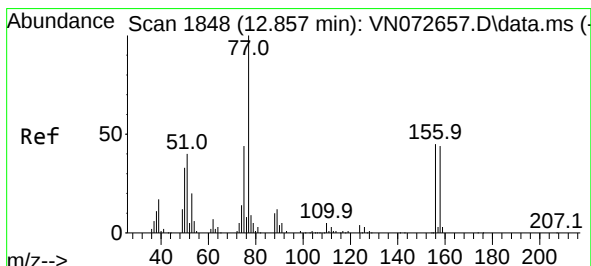
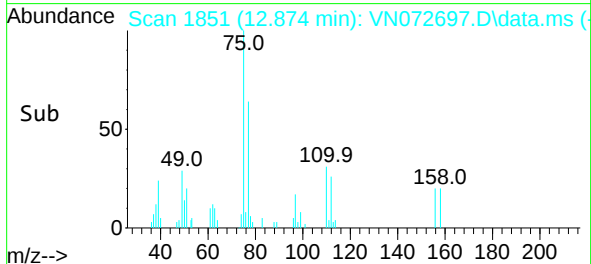
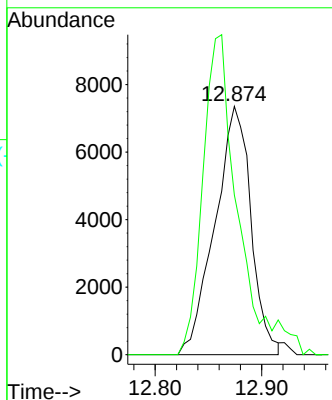
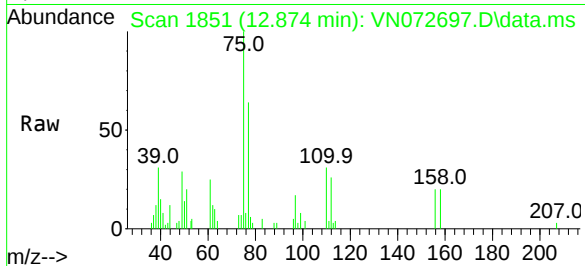




#72
1,2,3-Trichloropropane
Concen: 4.328 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

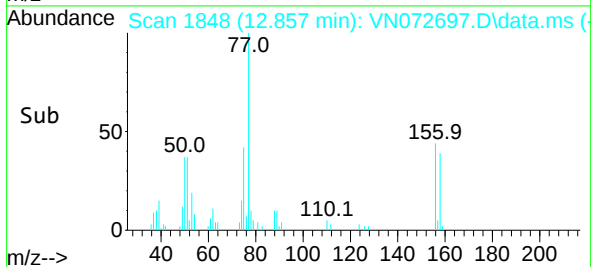
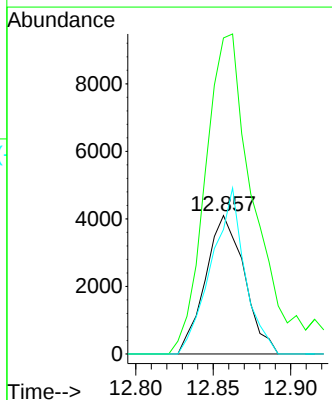
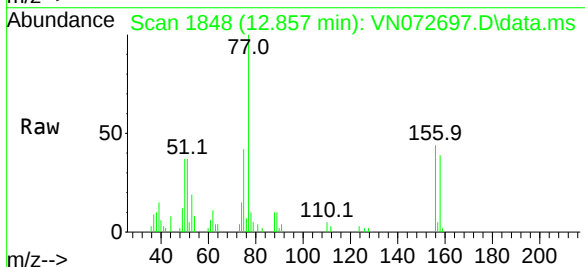
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

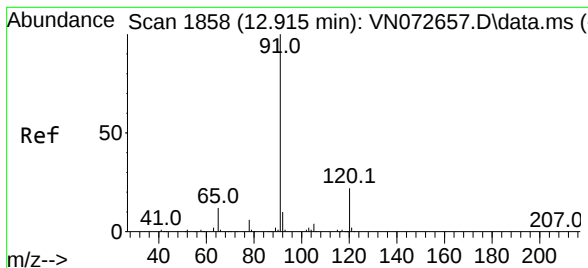
Tgt Ion: 75 Resp: 17278
Ion Ratio Lower Upper
75 100
77 119.0 0.0 378.0



#73
Bromobenzene
Concen: 2.607 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 156 Resp: 7162
Ion Ratio Lower Upper
156 100
77 287.1 0.0 416.0
158 102.7 0.0 195.4





#74

n-propylbenzene

Concen: 2.504 ug/l

RT: 12.915 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

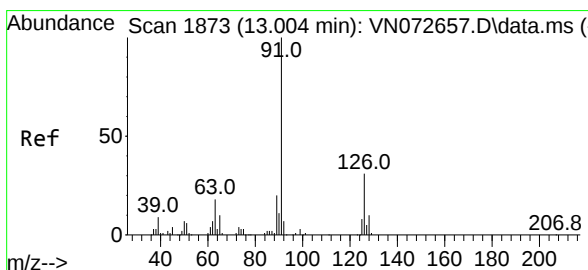
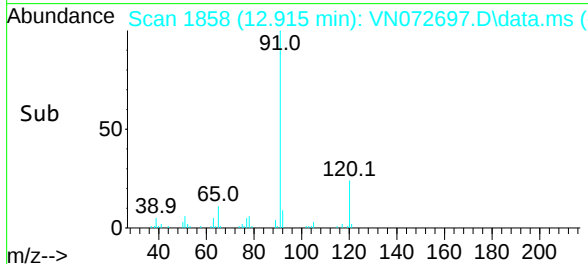
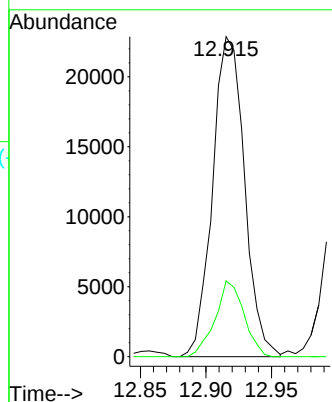
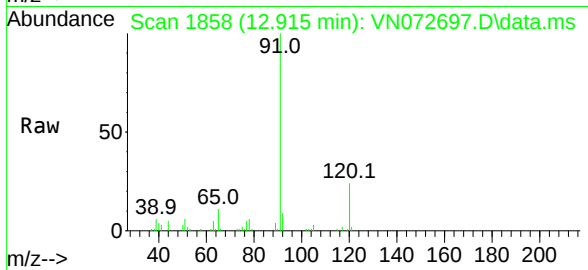
MDL-WATER-03-QT2-2022

Tgt Ion: 91 Resp: 38720

Ion Ratio Lower Upper

91 100

120 21.4 0.0 45.0



#75

2-Chlorotoluene

Concen: 2.714 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN072697.D

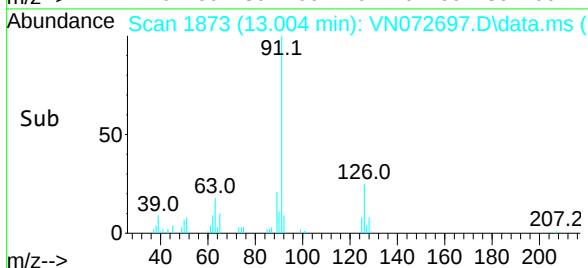
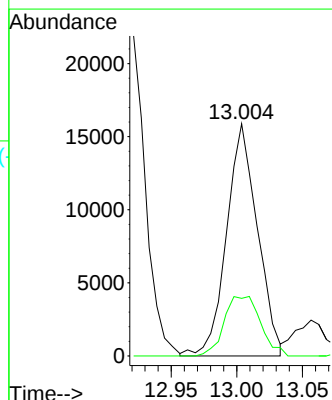
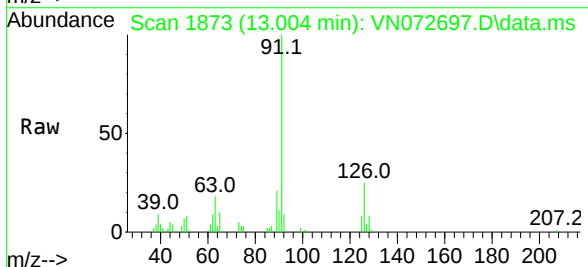
Acq: 08 Jun 2022 11:27

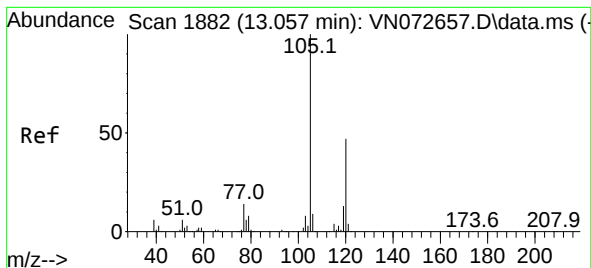
Tgt Ion: 91 Resp: 26016

Ion Ratio Lower Upper

91 100

126 30.2 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 2.607 ug/l

RT: 13.057 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

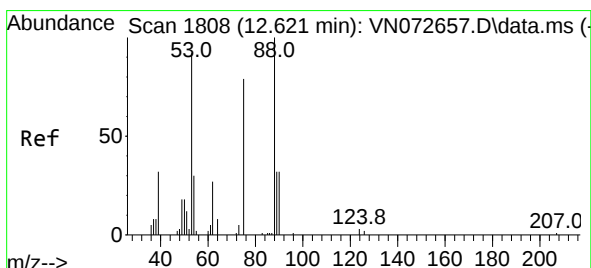
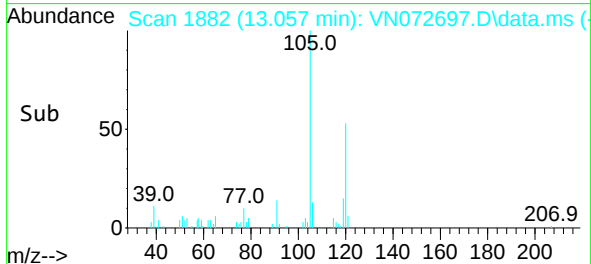
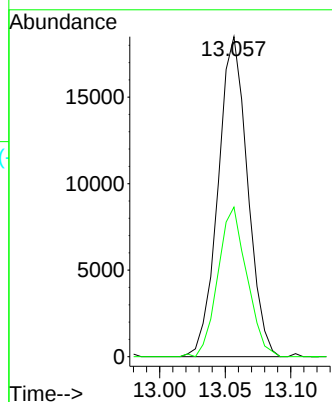
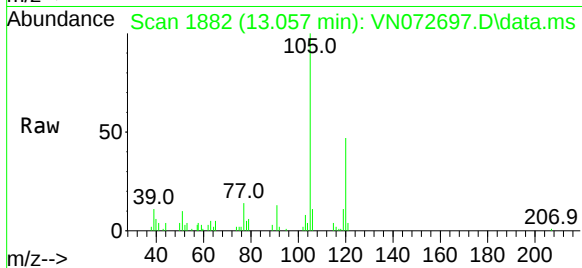
MDL-WATER-03-QT2-2022

Tgt Ion:105 Resp: 28915

Ion Ratio Lower Upper

105 100

120 45.6 0.0 93.8



#77

t-1,4-Dichloro-2-butene

Concen: 2.260 ug/l

RT: 12.627 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

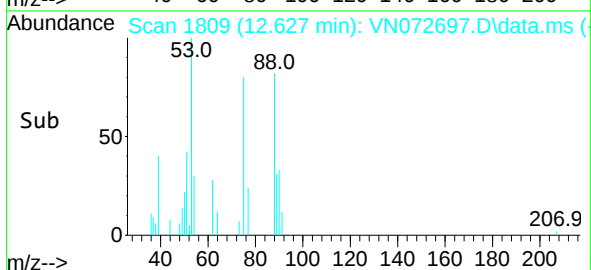
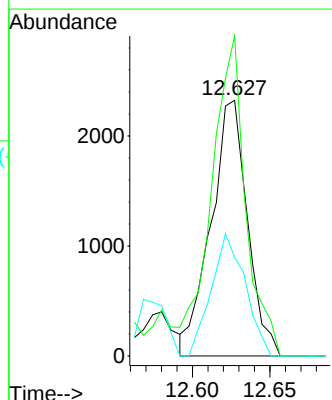
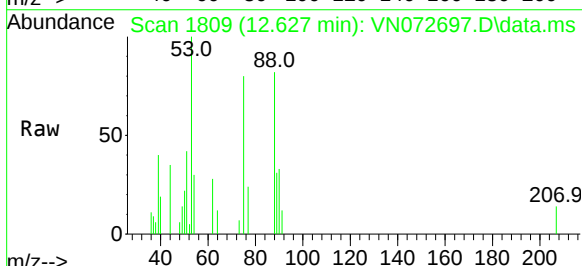
Tgt Ion: 75 Resp: 3803

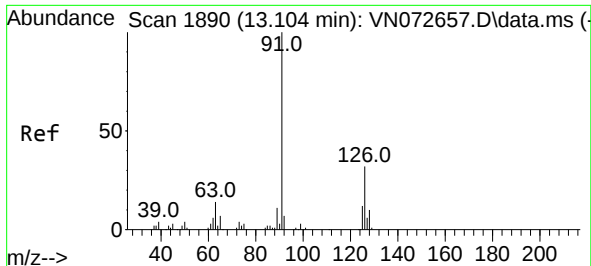
Ion Ratio Lower Upper

75 100

53 125.2 51.8 155.5

89 38.6 22.9 68.7

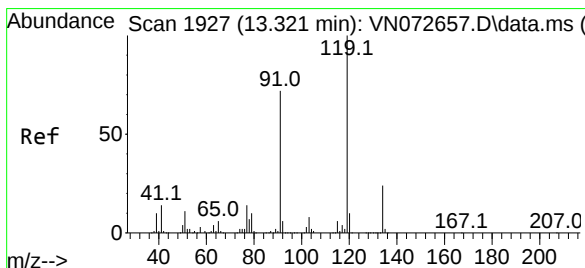
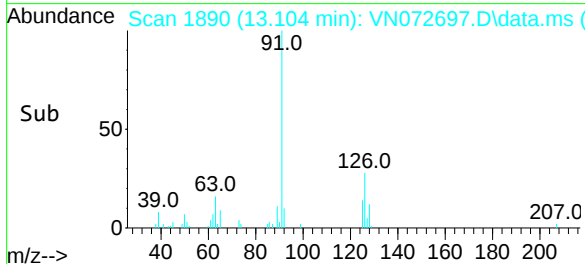
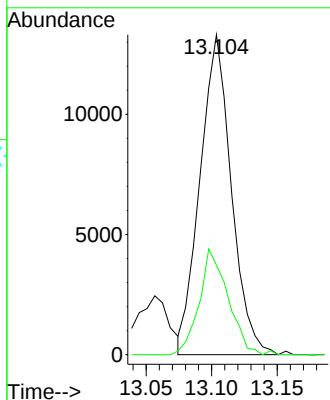
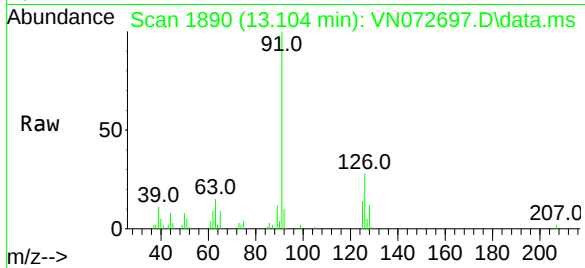




#78
4-Chlorotoluene
Concen: 2.438 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

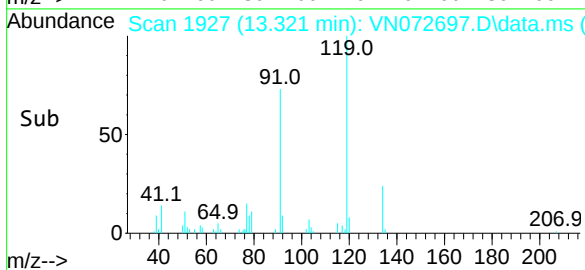
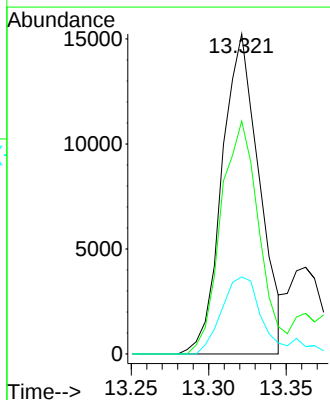
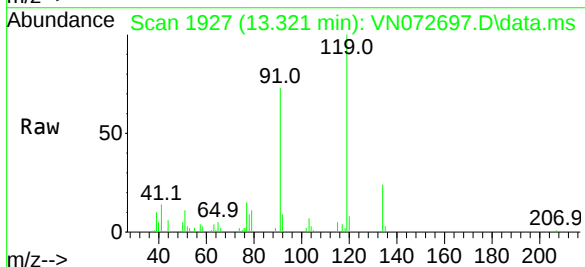
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

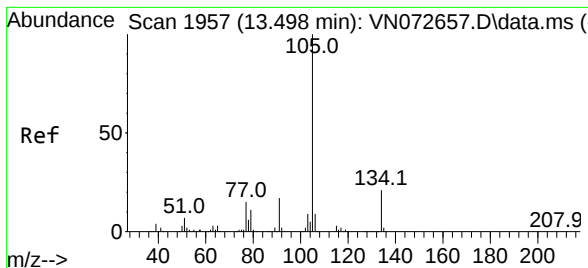
Tgt Ion: 91 Resp: 22075
Ion Ratio Lower Upper
91 100
126 30.3 0.0 70.6



#79
tert-butylbenzene
Concen: 2.567 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 119 Resp: 25418
Ion Ratio Lower Upper
119 100
91 74.9 0.0 137.0
134 25.3 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 2.488 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

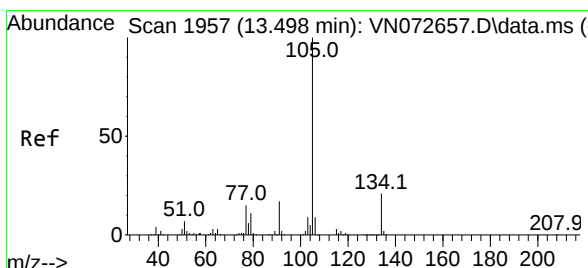
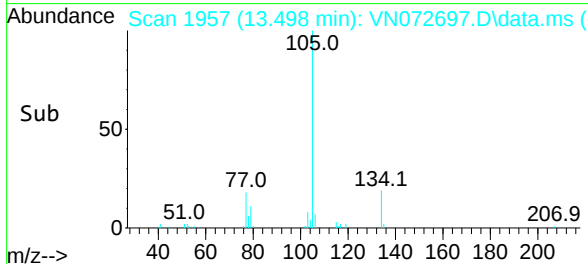
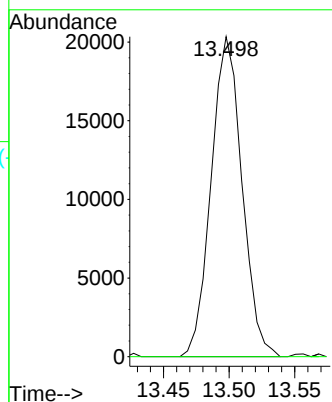
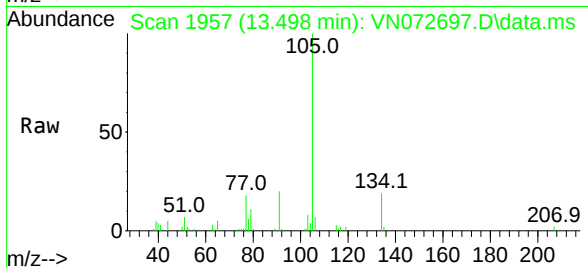
MDL-WATER-03-QT2-2022

Tgt Ion:105 Resp: 33282

Ion Ratio Lower Upper

105 100

120 0.0 0.0 0.2



#81

sec-Butylbenzene

Concen: 2.488 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN072697.D

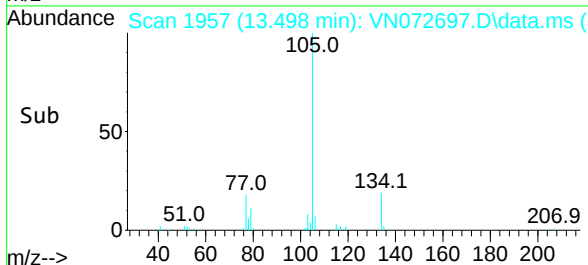
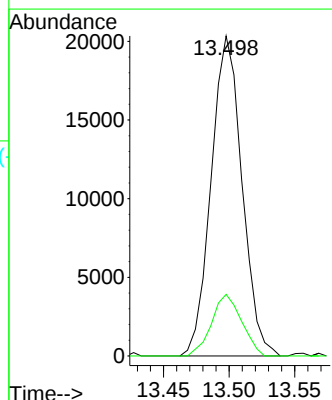
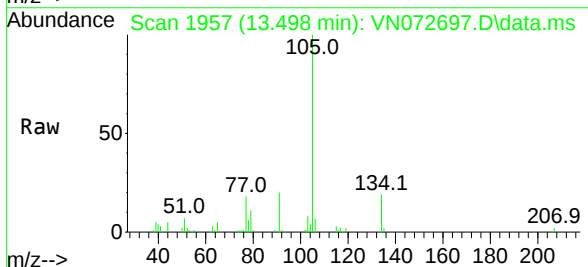
Acq: 08 Jun 2022 11:27

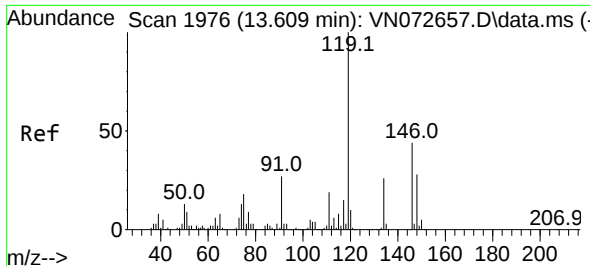
Tgt Ion:105 Resp: 33282

Ion Ratio Lower Upper

105 100

134 18.7 0.0 39.4

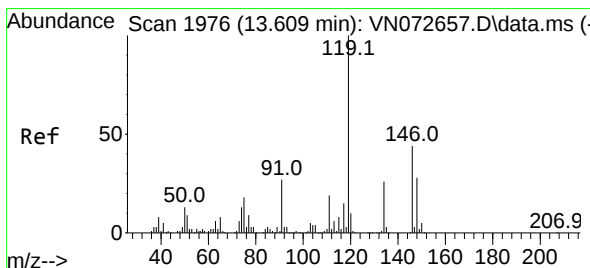
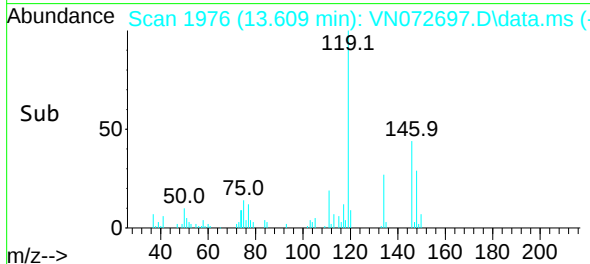
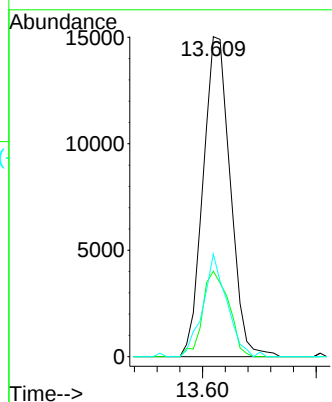
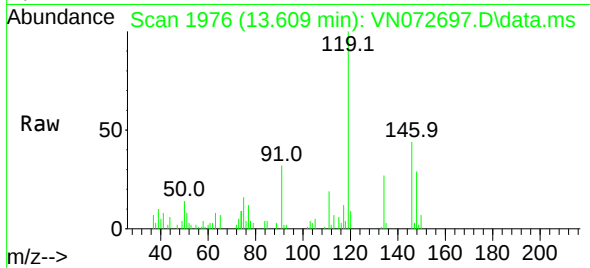




#82
p-Isopropyltoluene
Concen: 2.338 ug/l
RT: 13.609 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

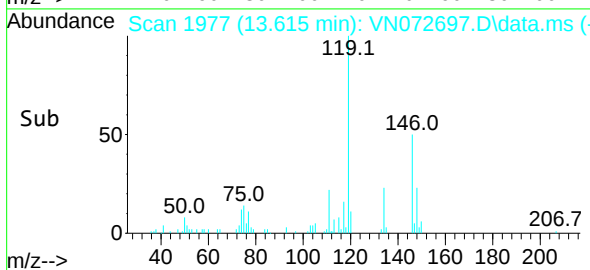
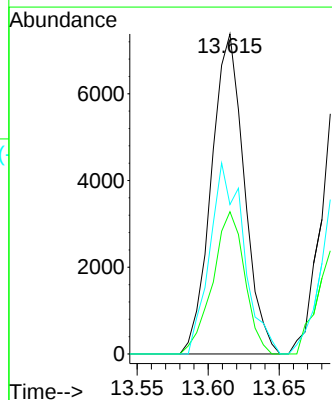
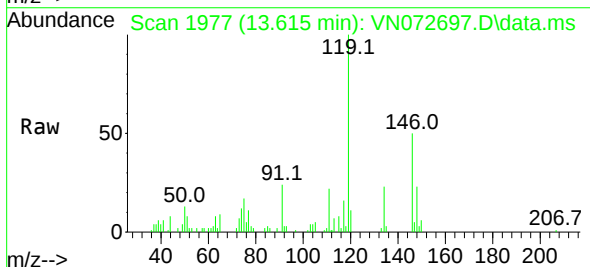
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

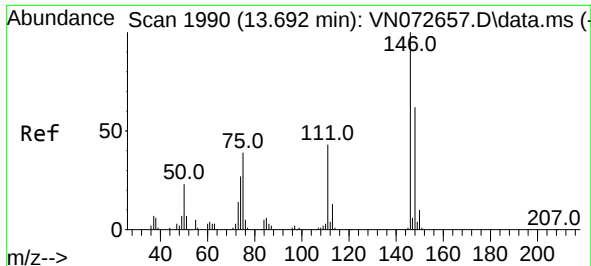
Tgt Ion:	119	Resp:	24957
Ion Ratio	Lower	Upper	
119	100		
134	25.9	0.0	51.8
91	28.0	0.0	50.4



#83
1,3-Dichlorobenzene
Concen: 2.470 ug/l
RT: 13.615 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion:	146	Resp:	11878
Ion Ratio	Lower	Upper	
146	100		
111	43.4	20.8	62.2
148	61.6	31.4	94.3

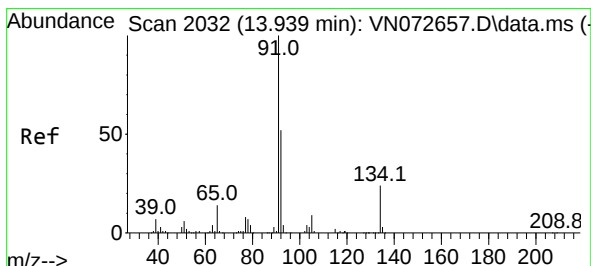
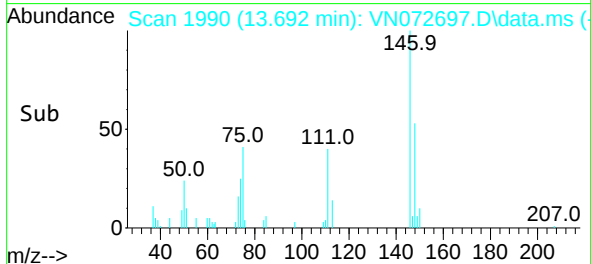
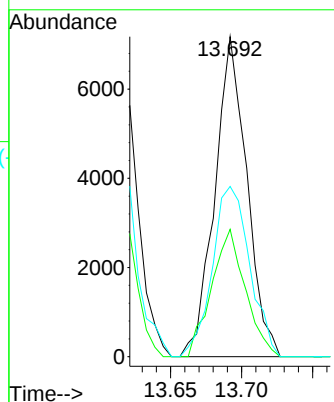
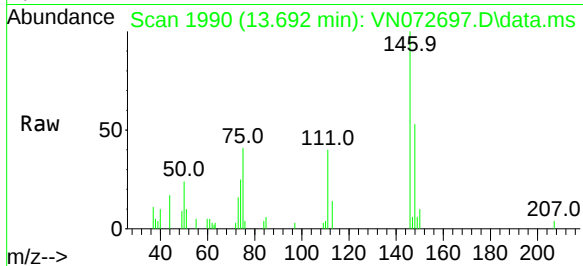




#84
1,4-Dichlorobenzene
Concen: 2.413 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

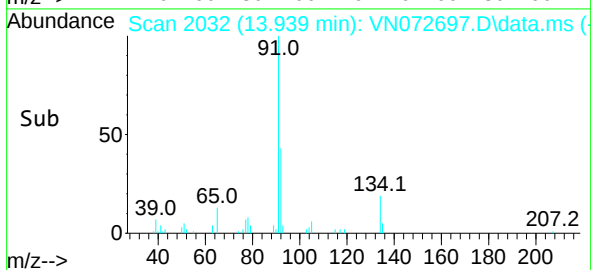
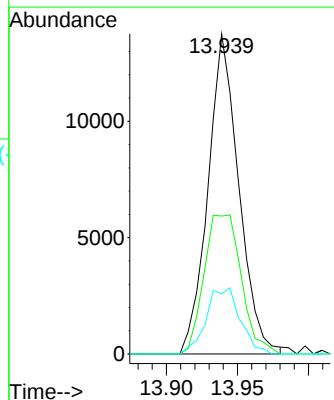
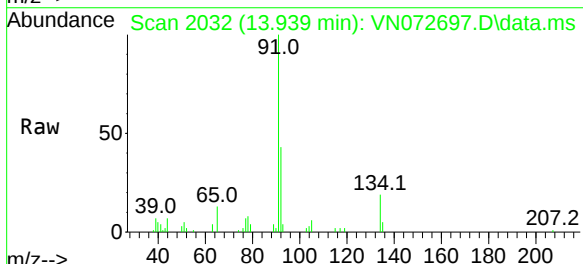
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

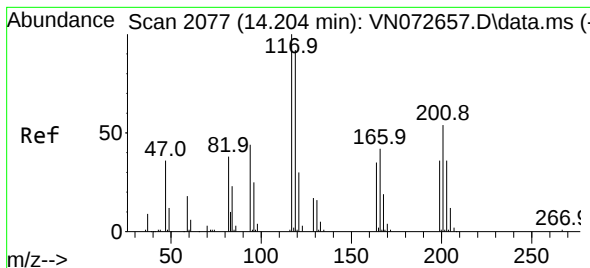
Tgt Ion:	146	Resp:	11267
Ion Ratio	Lower	Upper	
146	100		
111	41.9	19.5	58.5
148	62.1	31.1	93.5



#85
n-Butylbenzene
Concen: 2.295 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion:	91	Resp:	20779
Ion Ratio	Lower	Upper	
91	100		
92	52.4	0.0	100.6
134	22.7	0.0	50.2





#86

Hexachloroethane

Concen: 2.457 ug/l

RT: 14.215 min Scan# 2077

Delta R.T. 0.012 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

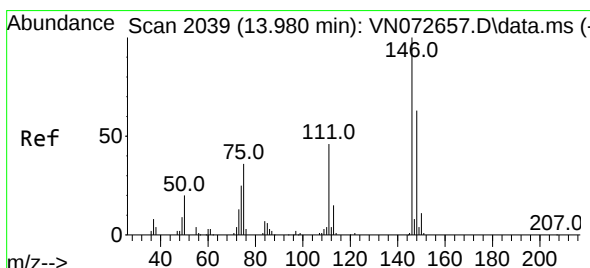
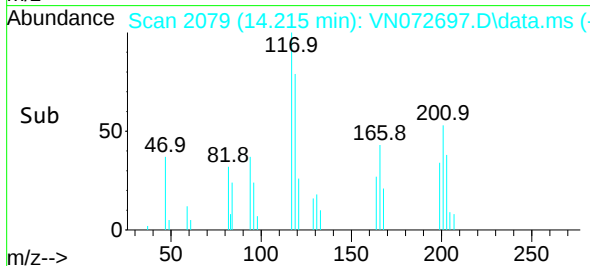
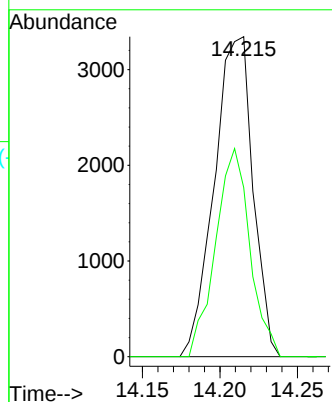
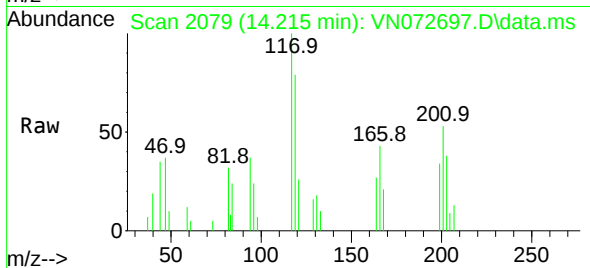
MDL-WATER-03-QT2-2022

Tgt Ion:117 Resp: 5805

Ion Ratio Lower Upper

117 100

201 57.7 33.3 99.8



#87

1,2-Dichlorobenzene

Concen: 2.647 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.006 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

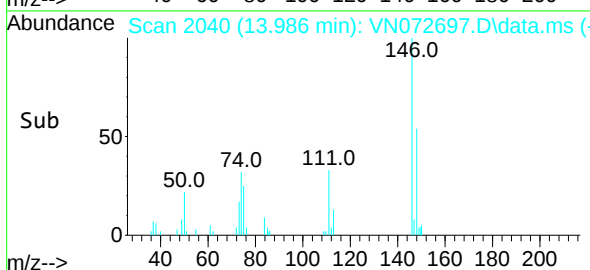
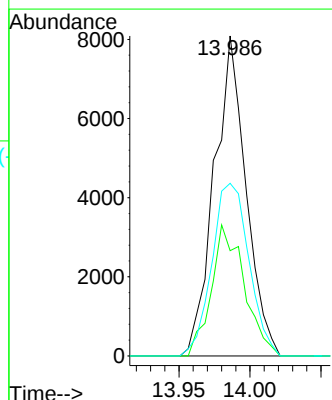
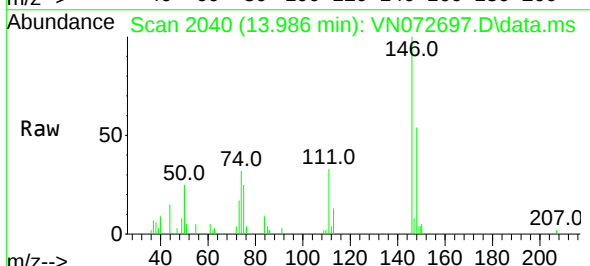
Tgt Ion:146 Resp: 12598

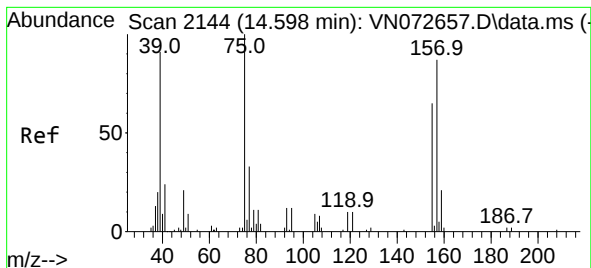
Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.2

148 62.9 32.5 97.4





#88

1,2-Dibromo-3-Chloropropane

Concen: 1.707 ug/l

RT: 14.604 min Scan# 2145

Delta R.T. 0.006 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

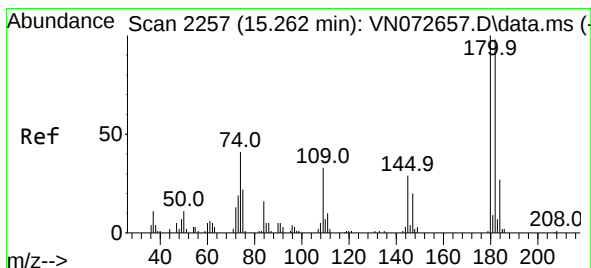
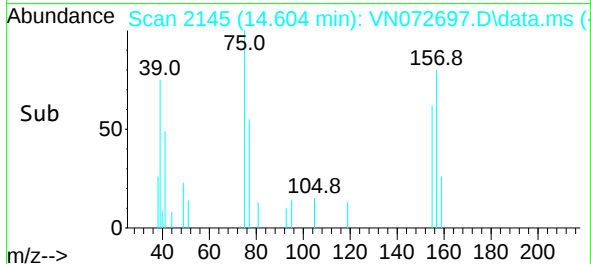
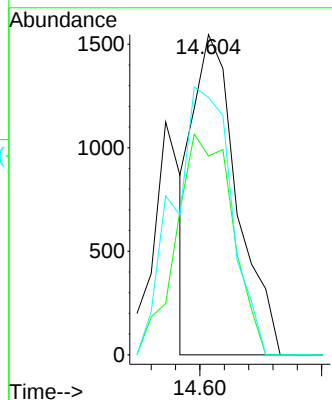
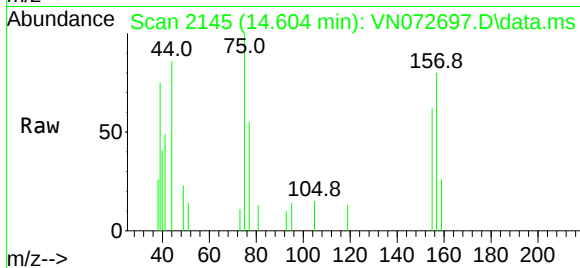
Tgt Ion: 75 Resp: 1958

Ion Ratio Lower Upper

75 100

155 87.3 63.8 95.8

157 109.1 77.9 116.9



#89

1,2,4-Trichlorobenzene

Concen: 2.134 ug/l

RT: 15.262 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

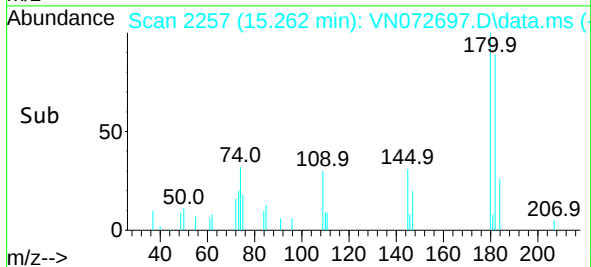
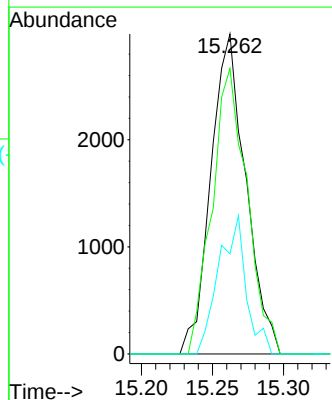
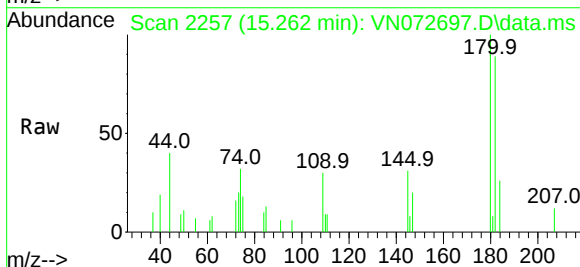
Tgt Ion:180 Resp: 5118

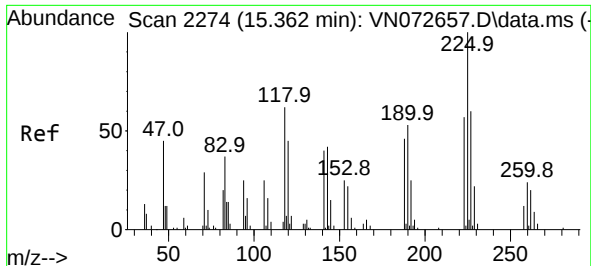
Ion Ratio Lower Upper

180 100

182 89.4 77.7 116.5

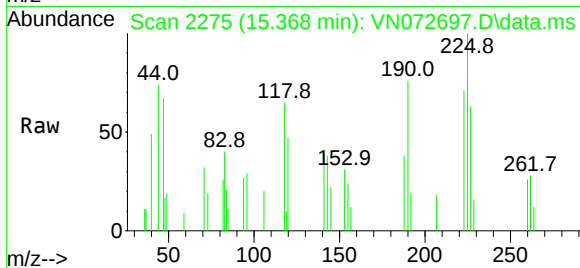
145 33.9 26.6 39.8



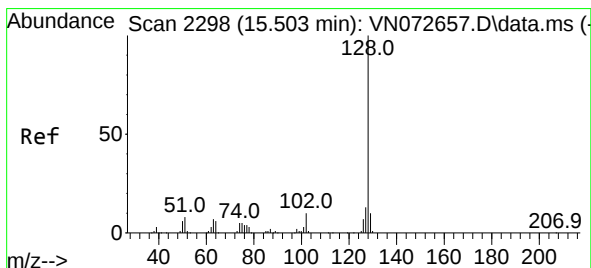
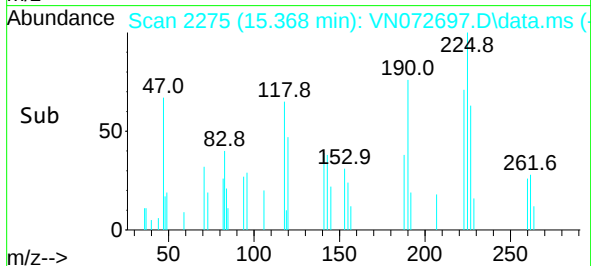
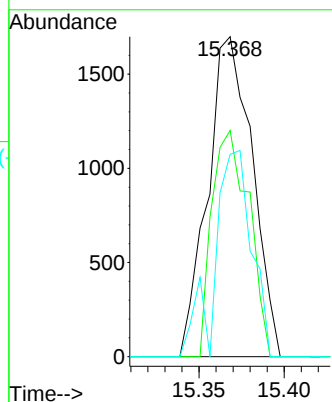


#90
Hexachlorobutadiene
Concen: 2.866 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

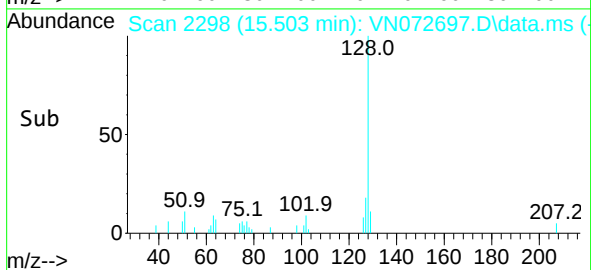
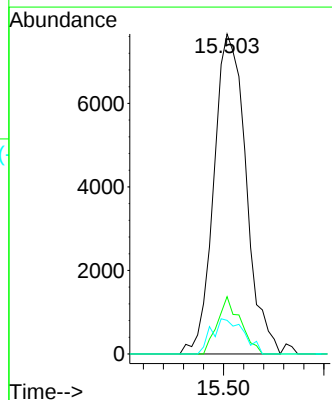
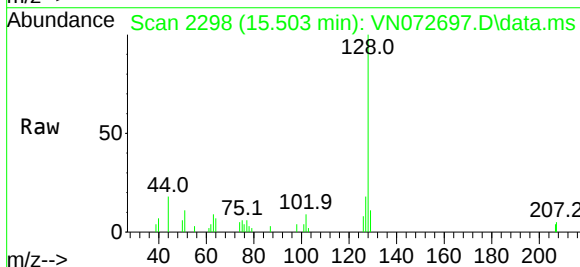


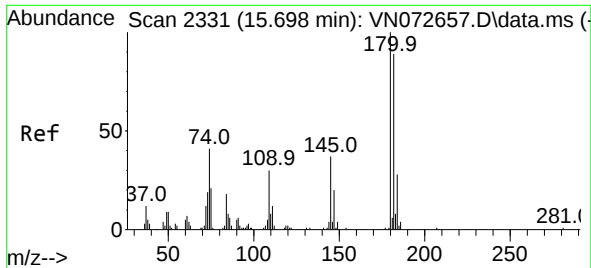
Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.7	0.0	126.8
227	46.5	0.0	123.0



#91
Naphthalene
Concen: 1.784 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	10.9	9.0	13.6





#92

1,2,3-Trichlorobenzene

Concen: 1.971 ug/l

RT: 15.698 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072697.D

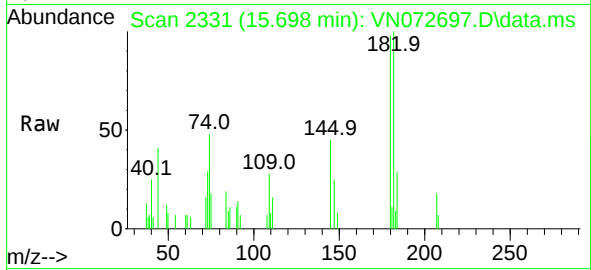
Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:180 Resp: 4810

Ion Ratio Lower Upper

180 100

182 103.1 0.0 190.0

145 42.4 0.0 67.8

