

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034869.D
 Acq On : 31 Mar 2023 11:36
 Operator : JC/MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Apr 01 03:36:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	22413	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	161365	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	169718	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	66657	30.953	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.167%	
60) 4-Bromofluorobenzene	11.079	95	94936	27.994	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.300%	
63) Toluene-d8	8.647	98	176960	30.682	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.267%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	5647	2.656	ug/l	93
3) Chloromethane	1.294	50	8177	2.967	ug/l	95
4) Vinyl Chloride	1.374	62	7623	2.803	ug/l	99
5) Bromomethane	1.618	94	5134	2.870	ug/l	84
6) Chloroethane	1.691	64	5188	2.931	ug/l	95
7) Trichlorofluoromethane	1.892	101	12401	2.863	ug/l	96
8) Diethyl Ether	2.130	74	4502	2.887	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	6653	3.027	ug/l	97
10) 1,1-Dichloroethene	2.319	96	6327	2.844	ug/l	97
11) Methyl Iodide	2.447	142	6698	2.364	ug/l	85
12) Methyl Acetate	2.709	43	12994	2.637	ug/l	100
13) Acrolein	2.239	56	7550	13.215	ug/l	99
14) Acrylonitrile	3.068	53	16859	12.427	ug/l	95
15) Acetone	2.398	58	5441	14.773	ug/l #	66
16) Carbon Disulfide	2.514	76	13502	2.373	ug/l	96
17) Allyl chloride	2.666	41	10640	2.472	ug/l	90
18) Methylene Chloride	2.788	84	8252	3.149	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	6717	2.759	ug/l	93
20) Diisopropyl ether	3.757	45	23420	2.655	ug/l	87
21) 1,1-Dichloroethane	3.611	63	12244	2.596	ug/l	99
22) cis-1,2-Dichloroethene	4.477	96	3207	1.131	ug/l #	1
23) tert-Butyl Alcohol	2.995	59	3453	5.657	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	21383	2.587	ug/l	97
25) Chloroform	5.093	83	12934	2.696	ug/l	98
26) Cyclohexane	5.470	56	11138	2.695	ug/l #	97
29) 1,1-Dichloropropene	5.702	75	9389	2.530	ug/l	97
30) 2-Butanone	4.574	43	25123	12.138	ug/l #	94
31) 2,2-Dichloropropane	4.471	77	8880	2.359	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	9744	2.238	ug/l	97
33) Carbon Tetrachloride	5.678	117	8262	2.299	ug/l	92
34) Benzene	6.037	78	27449	2.545	ug/l	96
35) Methacrylonitrile	4.928	41	5122	2.261	ug/l	86
36) 1,2-Dichloroethane	6.092	62	10384	2.456	ug/l #	85
37) Trichloroethene	7.129	130	6955	2.534	ug/l	100
38) Methylcyclohexane	7.379	83	10441	2.575	ug/l	98
39) 1,2-Dichloropropane	7.427	63	6942	2.476	ug/l	91
40) Dibromomethane	7.586	93	4700	2.441	ug/l	97
41) Bromodichloromethane	7.824	83	7655	2.110	ug/l	96
42) Vinyl Acetate	3.721	43	72643	10.758	ug/l	99

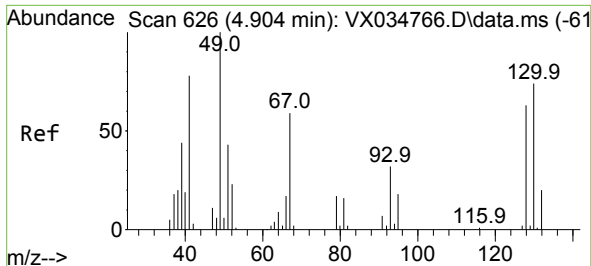
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
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Quant Time: Apr 01 03:36:36 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.336	43	14184	2.087	ug/l	100
45) 1,4-Dioxane	7.702	88	1265	18.790	ug/l #	34
46) Methyl methacrylate	7.696	41	6692	2.021	ug/l	91
47) n-amyl Acetate	10.848	43	10736	1.817	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	7046	1.783	ug/l #	86
49) cis-1,3-Dichloropropene	8.366	75	8282	1.907	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	6462	2.409	ug/l	98
51) Ethyl methacrylate	9.116	69	8442	1.939	ug/l	95
52) 1,3-Dichloropropane	9.311	76	12292	2.594	ug/l	97
53) Dibromochloromethane	9.525	129	4817	1.815	ug/l	98
54) 1,2-Dibromoethane	9.610	107	6335	2.207	ug/l	95
55) 2-Chloroethyl vinyl ether	8.244	63	23662	10.326	ug/l	96
56) Bromoform	10.799	173	2728	1.491	ug/l #	97
58) 4-Methyl-2-Pentanone	8.574	43	46869	12.045	ug/l	97
59) 2-Hexanone	9.433	43	33809	11.540	ug/l	98
61) Tetrachloroethene	9.275	164	6488	2.837	ug/l	95
62) Toluene	8.720	91	30003	2.704	ug/l	98
64) Chlorobenzene	10.079	112	18191	2.662	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	5461	2.235	ug/l	98
66) Ethyl Benzene	10.195	91	30965	2.505	ug/l	100
67) m/p-Xylenes	10.299	106	23439	4.984	ug/l	100
68) o-Xylene	10.640	106	11162	2.400	ug/l	97
69) Styrene	10.659	104	17123	2.233	ug/l	99
70) Isopropylbenzene	10.963	105	29109	2.418	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	9614	2.430	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	9610	2.668	ug/l	91
73) Bromobenzene	11.201	156	7316	2.531	ug/l	96
74) n-propylbenzene	11.305	91	32594	2.326	ug/l	99
75) 2-Chlorotoluene	11.366	91	22811	2.611	ug/l	95
76) 1,3,5-Trimethylbenzene	11.451	105	23899	2.359	ug/l	97
77) t-1,4-Dichloro-2-butene	11.024	75	1436	1.298	ug/l	72
78) 4-Chlorotoluene	11.457	91	24227	2.419	ug/l	97
79) tert-butylbenzene	11.713	119	22355	2.311	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	23250	2.309	ug/l	99
81) sec-Butylbenzene	11.890	105	26694	2.278	ug/l	99
82) p-Isopropyltoluene	12.006	119	21407	2.164	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	13292	2.435	ug/l	95
84) 1,4-Dichlorobenzene	12.042	146	13544	2.471	ug/l	99
85) n-Butylbenzene	12.335	91	17722	2.079	ug/l	97
86) Hexachloroethane	12.536	117	2668	1.647	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	12949	2.424	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1392	1.610	ug/l	85
89) 1,2,4-Trichlorobenzene	13.591	180	6976	2.177	ug/l	99
90) Hexachlorobutadiene	13.725	225	3567	2.886	ug/l	94
91) Naphthalene	13.780	128	23258	2.054	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	7291	2.276	ug/l	97

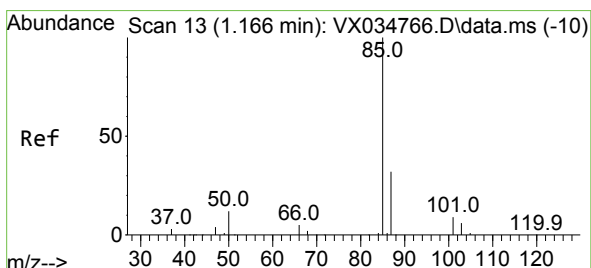
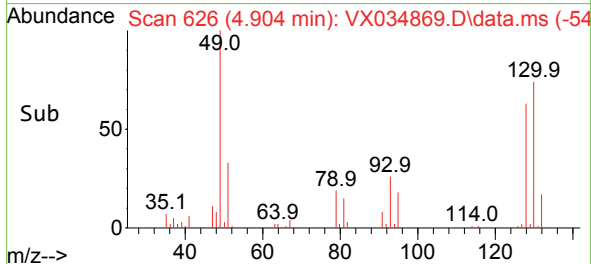
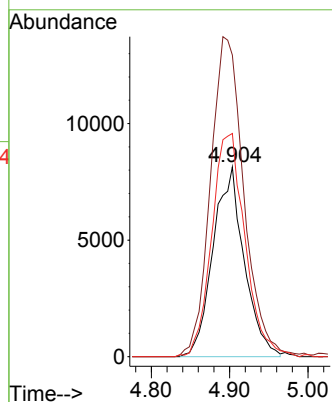
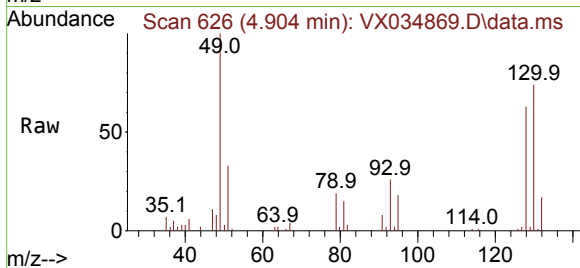
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

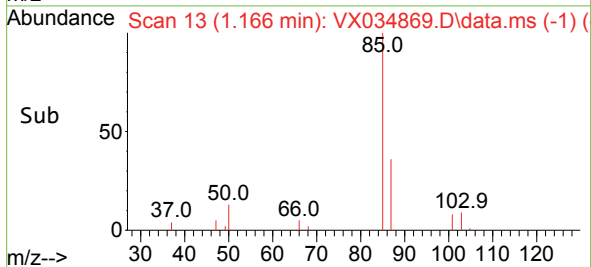
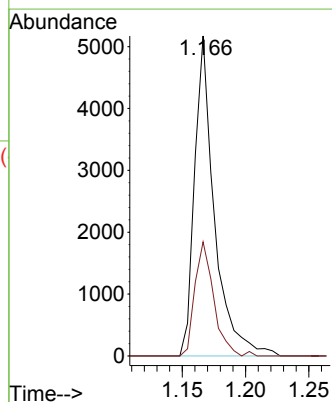
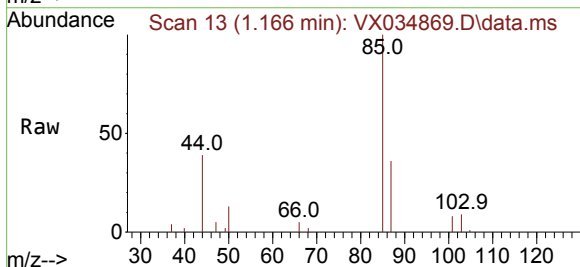
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

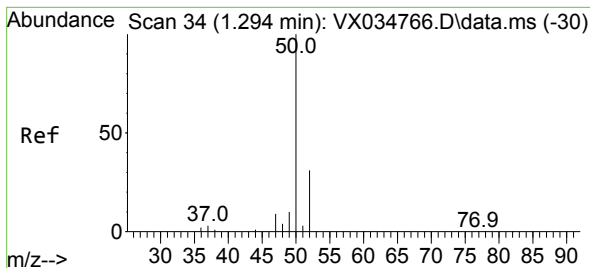
Tgt Ion:128 Resp: 22413
Ion Ratio Lower Upper
128 100
49 181.1 0.0 428.8
130 126.0 0.0 310.8



#2
Dichlorodifluoromethane
Concen: 2.656 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 85 Resp: 5647
Ion Ratio Lower Upper
85 100
87 35.6 16.0 48.0





#3

Chloromethane

Concen: 2.967 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

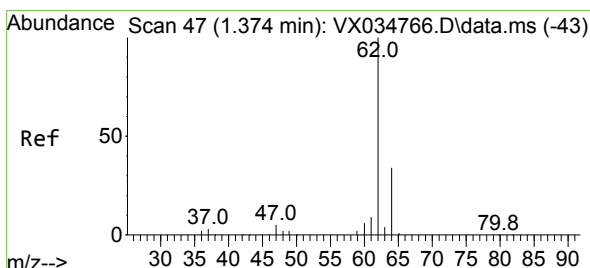
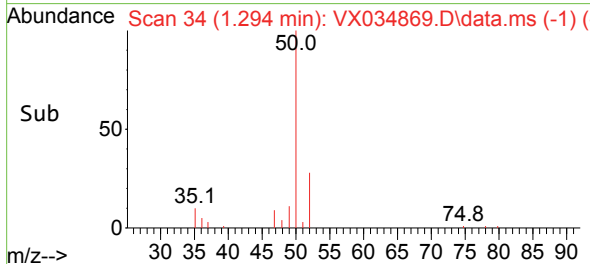
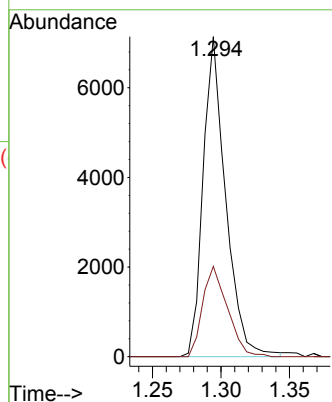
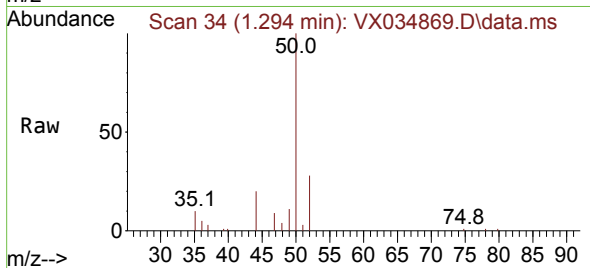
MDL-WATER-03-QT1-2023

Tgt Ion: 50 Resp: 8177

Ion Ratio Lower Upper

50 100

52 28.2 24.6 36.8



#4

Vinyl Chloride

Concen: 2.803 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034869.D

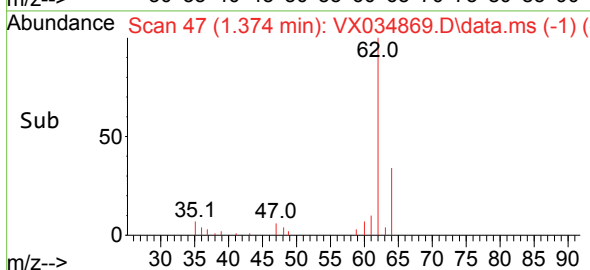
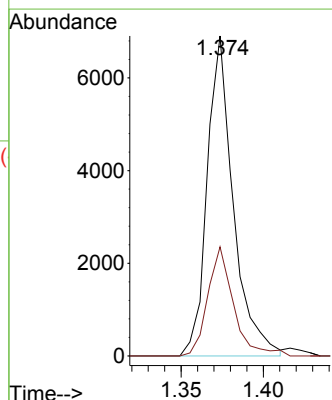
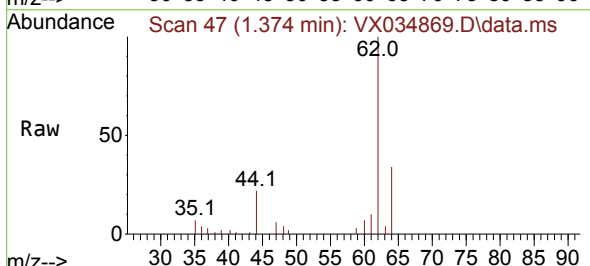
Acq: 31 Mar 2023 11:36

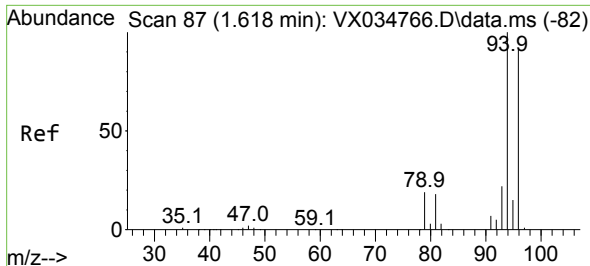
Tgt Ion: 62 Resp: 7623

Ion Ratio Lower Upper

62 100

64 34.1 26.9 40.3

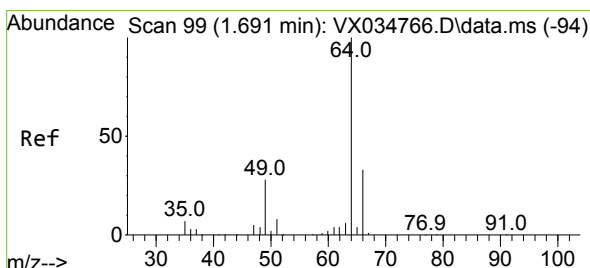
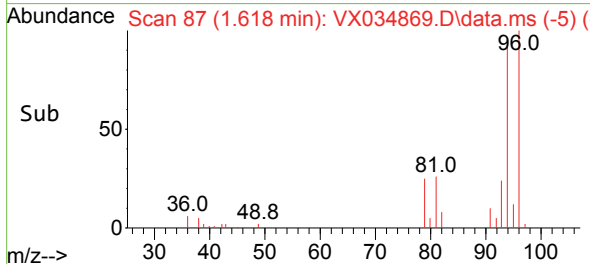
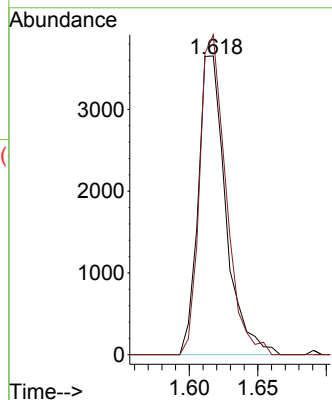
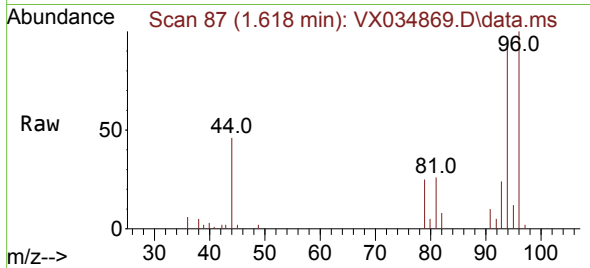




#5
Bromomethane
Concen: 2.870 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

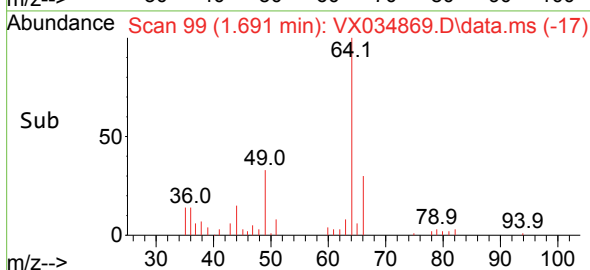
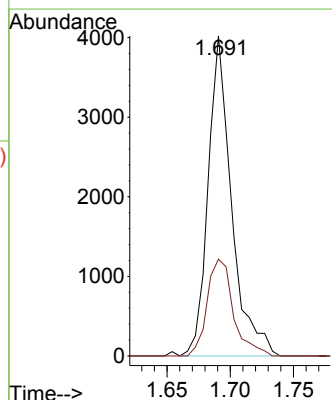
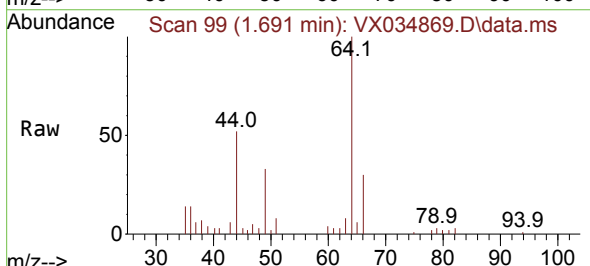
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

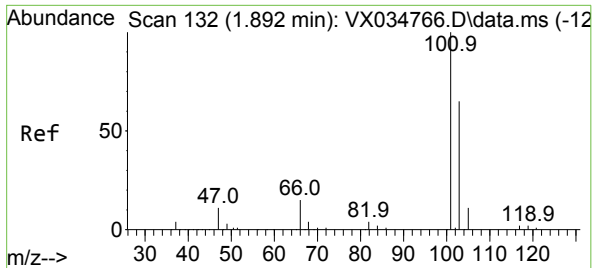
Tgt Ion: 94 Resp: 5134
Ion Ratio Lower Upper
94 100
96 107.1 73.4 110.0



#6
Chloroethane
Concen: 2.931 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 64 Resp: 5188
Ion Ratio Lower Upper
64 100
66 30.3 26.6 40.0

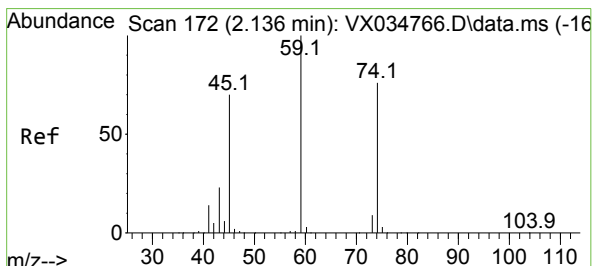
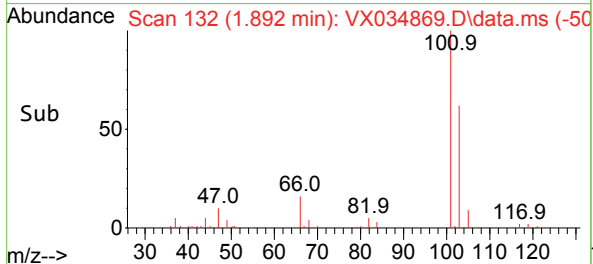
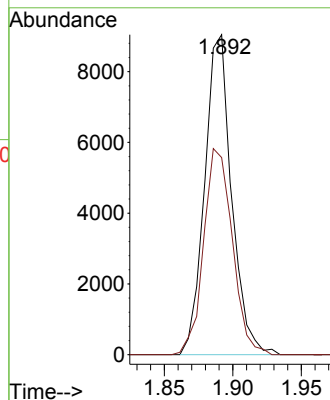
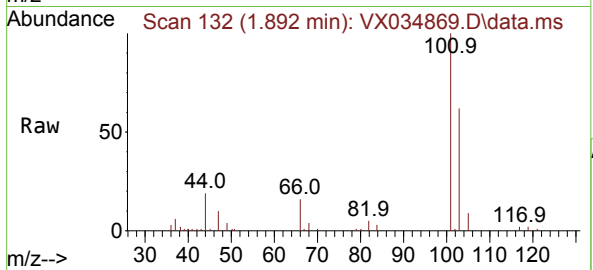




#7
Trichlorofluoromethane
Concen: 2.863 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

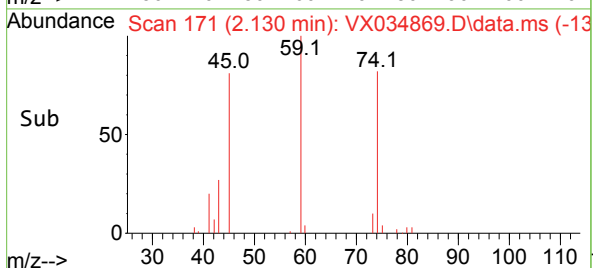
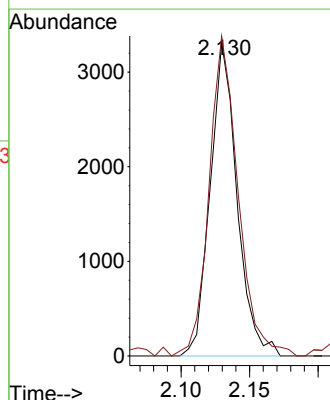
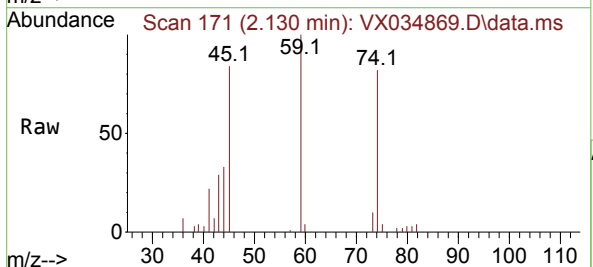
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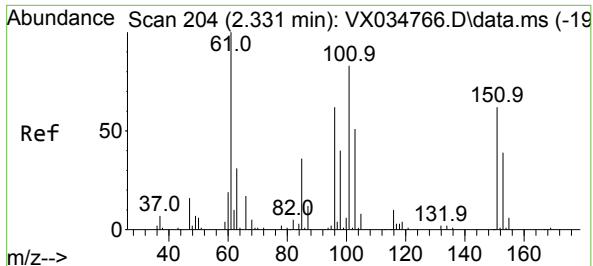
Tgt Ion:101 Resp: 12401
Ion Ratio Lower Upper
101 100
103 61.6 52.1 78.1



#8
Diethyl Ether
Concen: 2.887 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 74 Resp: 4502
Ion Ratio Lower Upper
74 100
45 110.7 20.5 184.5

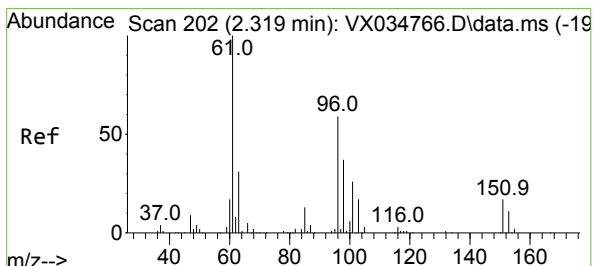
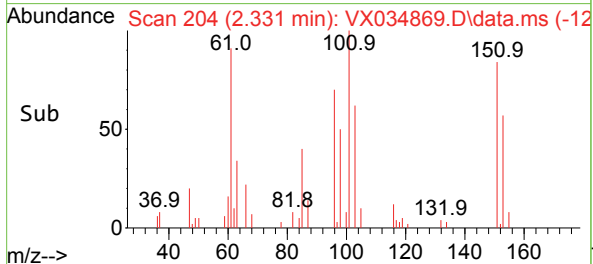
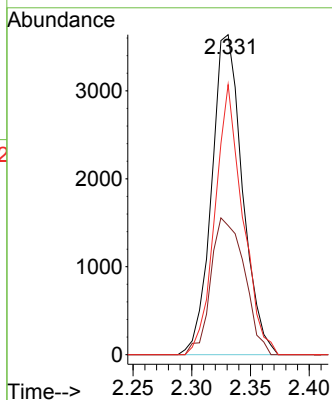
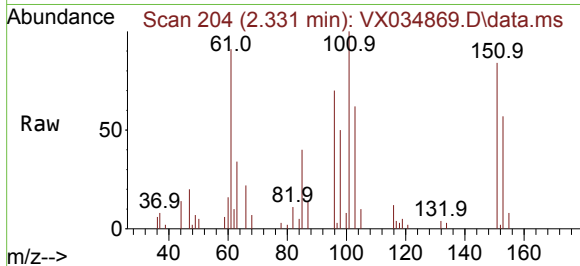




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.027 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

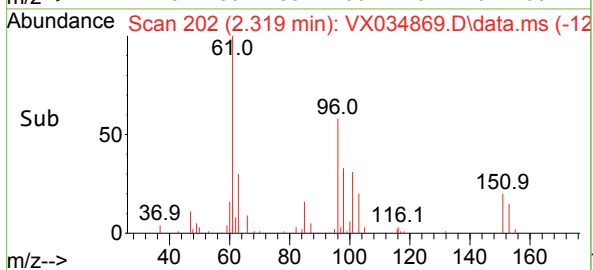
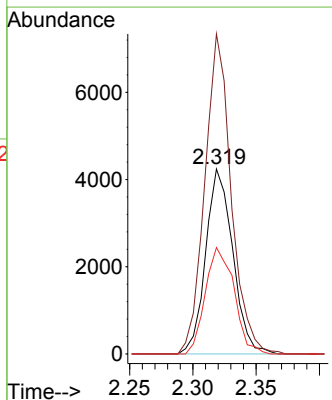
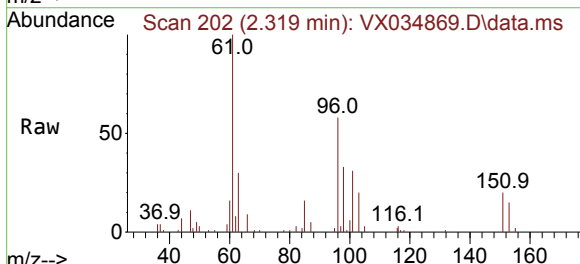
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MDL-WATER-03-QT1-2023

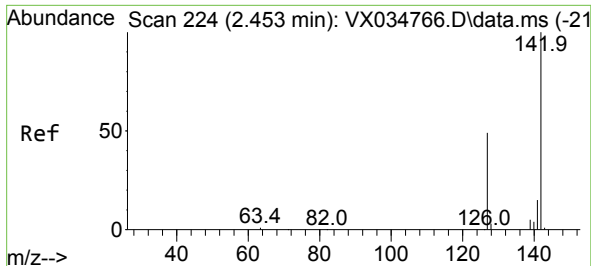
Tgt Ion:101 Resp: 6653
Ion Ratio Lower Upper
101 100
85 46.5 0.0 88.8
151 75.9 0.0 147.6



#10
1,1-Dichloroethene
Concen: 2.844 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 96 Resp: 6327
Ion Ratio Lower Upper
96 100
61 172.9 135.8 203.6
98 57.5 49.8 74.6

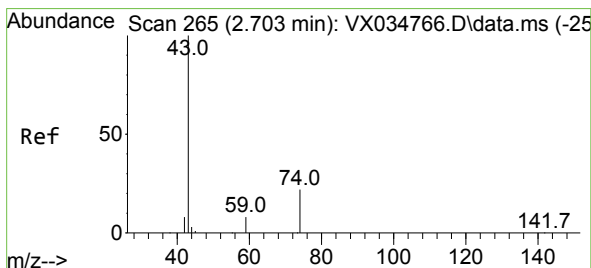
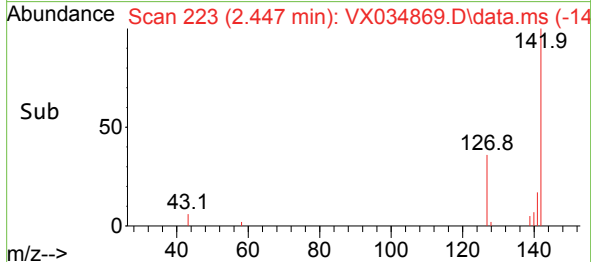
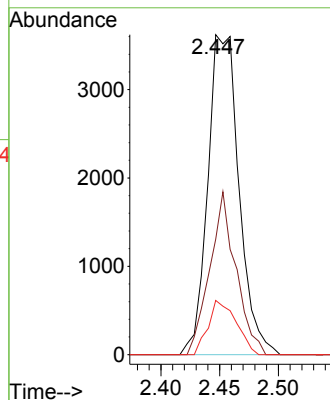
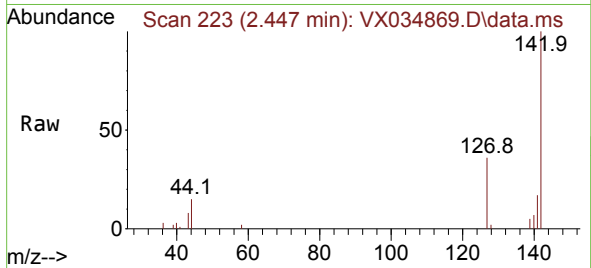




#11
Methyl Iodide
Concen: 2.364 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

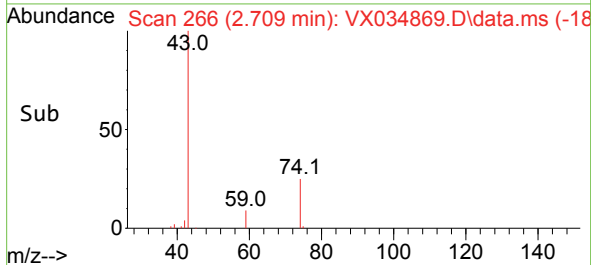
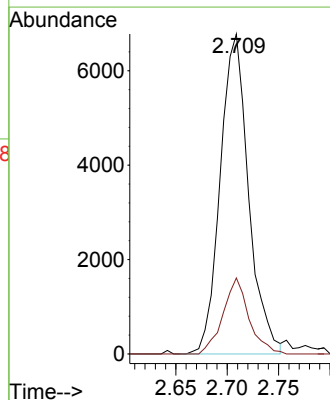
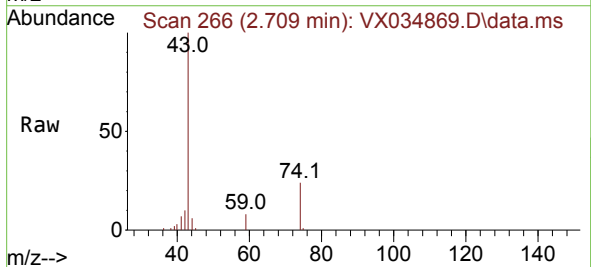
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

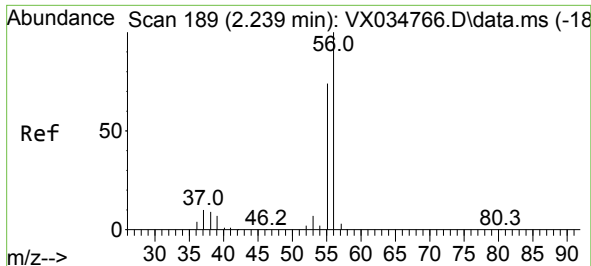
Tgt Ion:142 Resp: 6698
Ion Ratio Lower Upper
142 100
127 36.1 24.5 73.5
141 16.9 7.6 22.8



#12
Methyl Acetate
Concen: 2.637 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 43 Resp: 12994
Ion Ratio Lower Upper
43 100
74 22.7 18.0 27.0

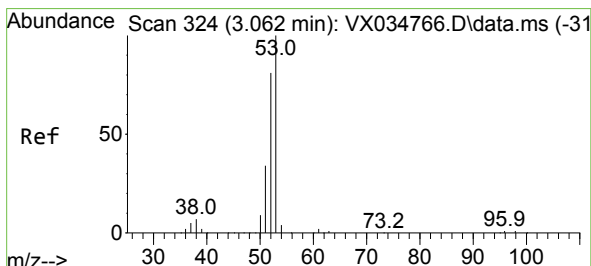
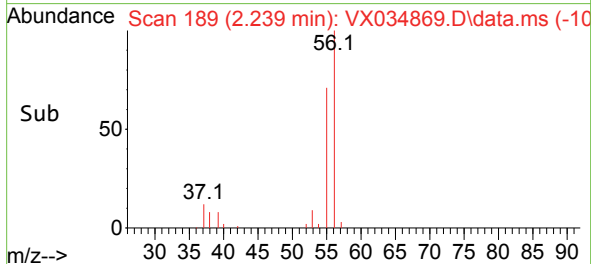
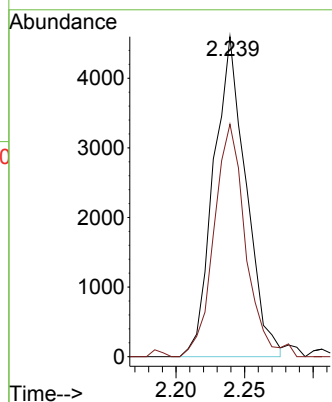
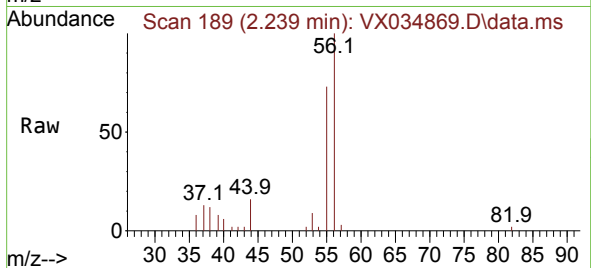




#13
Acrolein
Concen: 13.215 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

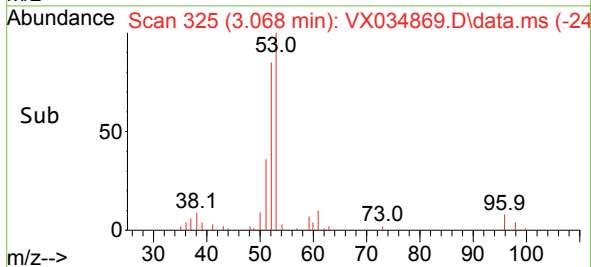
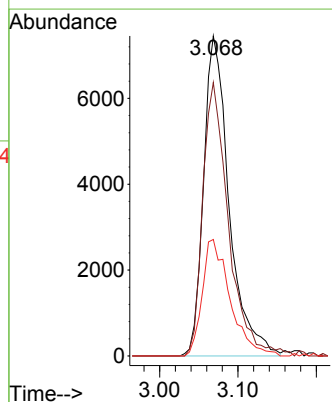
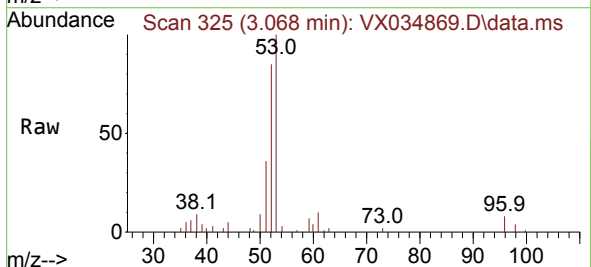
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

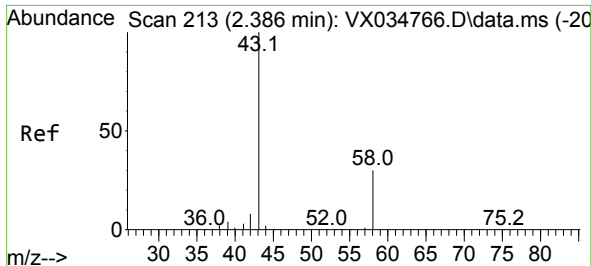
Tgt Ion: 56 Resp: 7550
Ion Ratio Lower Upper
56 100
55 70.1 56.6 85.0



#14
Acrylonitrile
Concen: 12.427 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 53 Resp: 16859
Ion Ratio Lower Upper
53 100
52 86.1 41.3 123.7
51 39.9 17.9 53.7





#15

Acetone

Concen: 14.773 ug/l

RT: 2.398 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

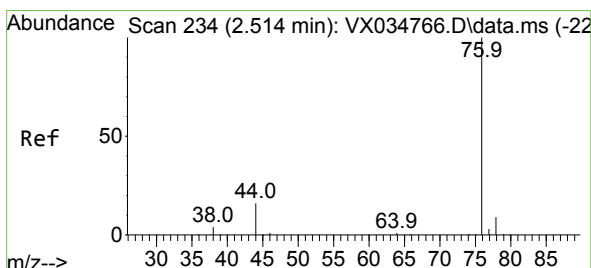
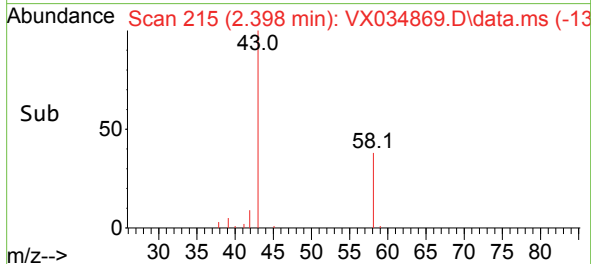
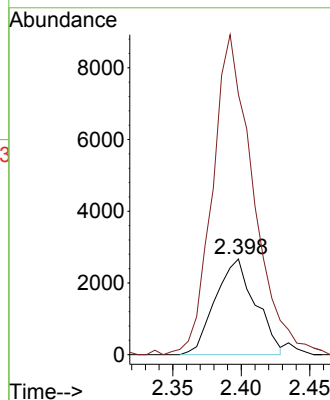
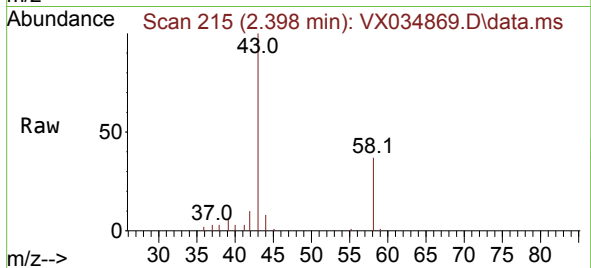
MDL-WATER-03-QT1-2023

Tgt Ion: 58 Resp: 5441

Ion Ratio Lower Upper

58 100

43 266.2 270.8 406.2#



#16

Carbon Disulfide

Concen: 2.373 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034869.D

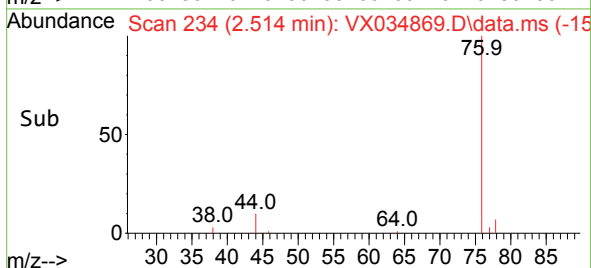
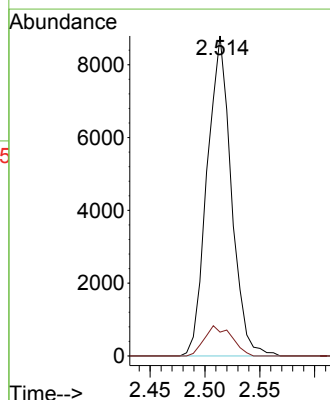
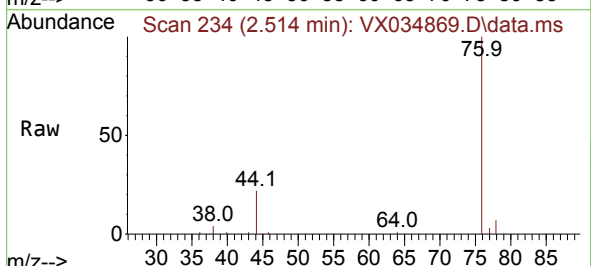
Acq: 31 Mar 2023 11:36

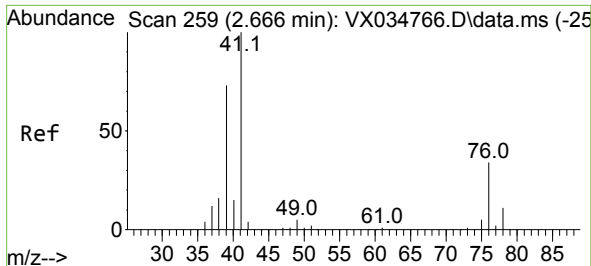
Tgt Ion: 76 Resp: 13502

Ion Ratio Lower Upper

76 100

78 7.5 7.0 10.6





#17

Allyl chloride

Concen: 2.472 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

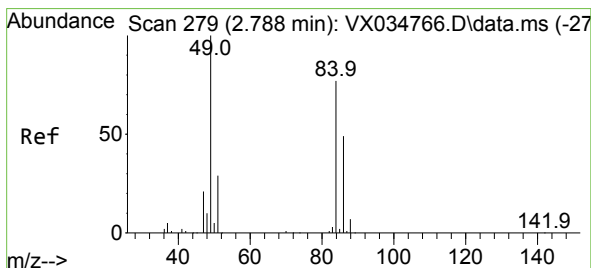
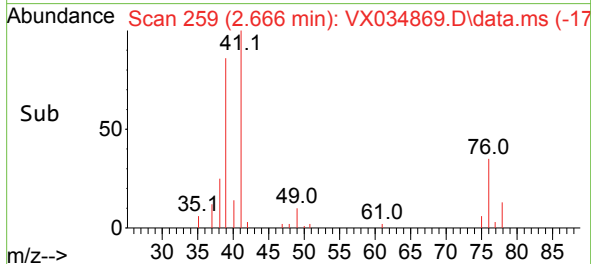
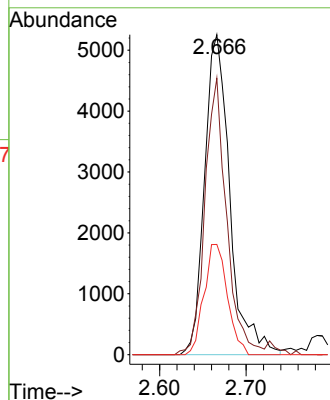
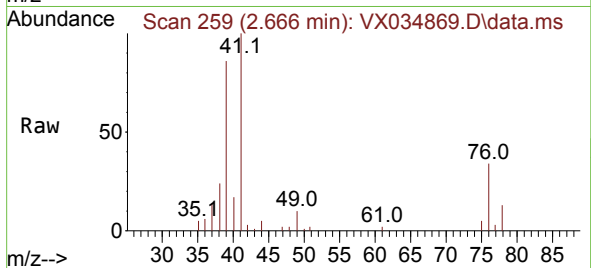
Tgt Ion: 41 Resp: 10640

Ion Ratio Lower Upper

41 100

39 85.2 36.4 109.3

76 34.4 17.0 51.0



#18

Methylene Chloride

Concen: 3.149 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Tgt Ion: 84 Resp: 8252

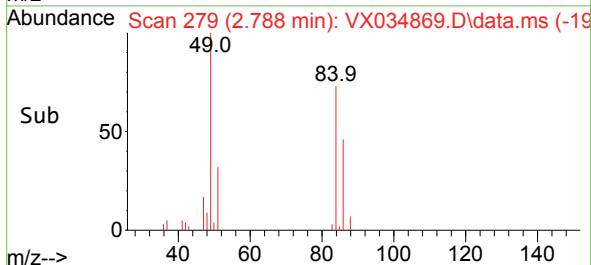
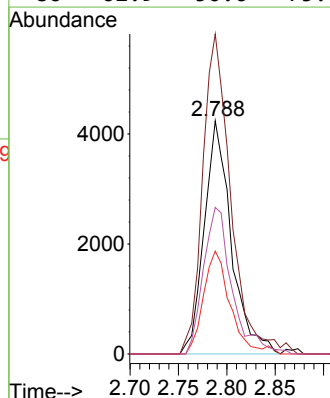
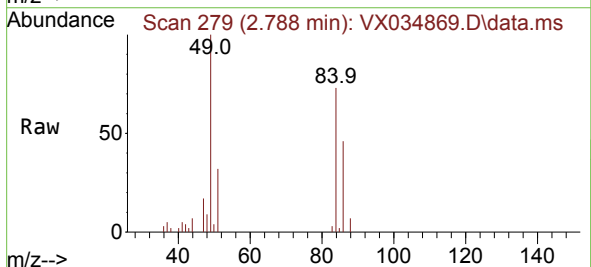
Ion Ratio Lower Upper

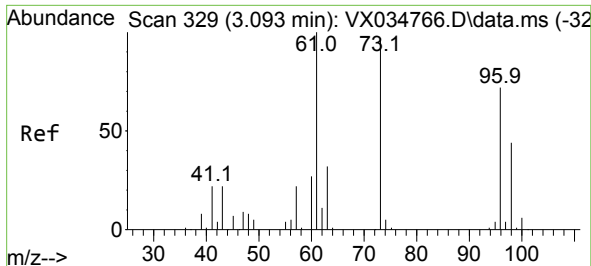
84 100

49 137.2 103.9 155.9

51 44.1 30.6 45.8

86 62.9 50.6 75.8





#19

trans-1,2-Dichloroethene

Concen: 2.759 ug/l

RT: 3.087 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

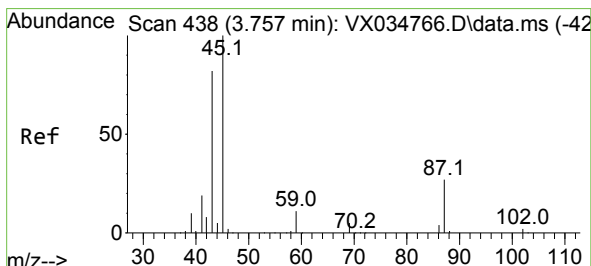
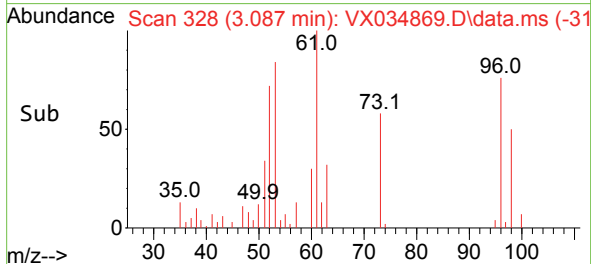
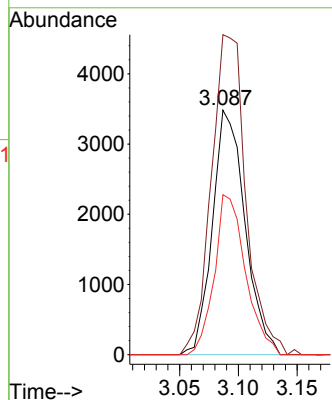
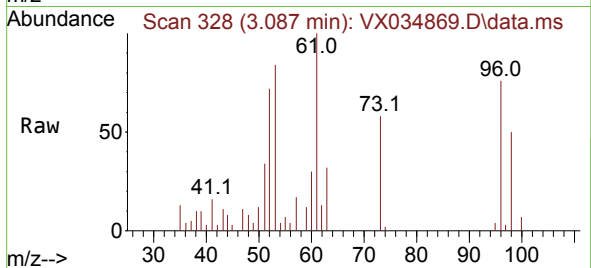
Tgt Ion: 96 Resp: 6717

Ion Ratio Lower Upper

96 100

61 130.9 111.1 166.7

98 65.5 48.6 72.8



#20

Diisopropyl ether

Concen: 2.655 ug/l

RT: 3.757 min Scan# 438

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Tgt Ion: 45 Resp: 23420

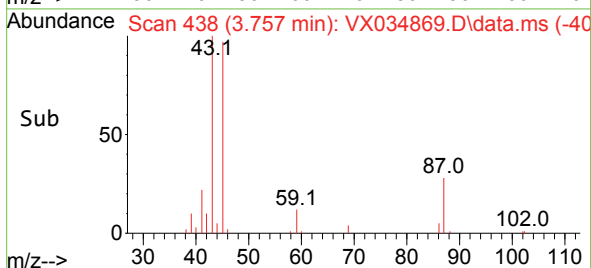
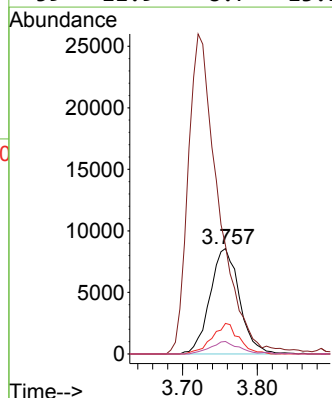
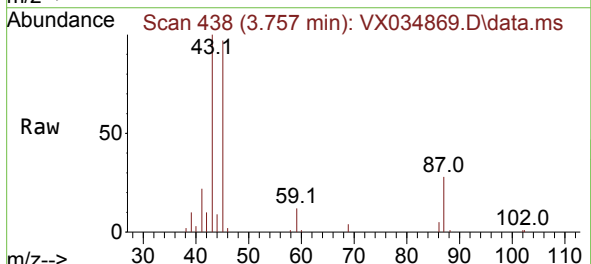
Ion Ratio Lower Upper

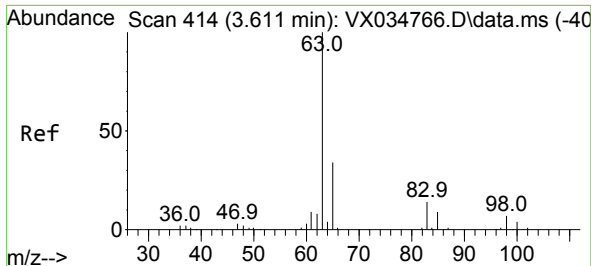
45 100

43 97.7 66.0 99.0

87 29.0 21.8 32.6

59 11.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 2.596 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

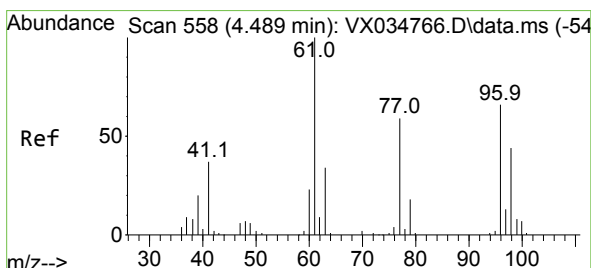
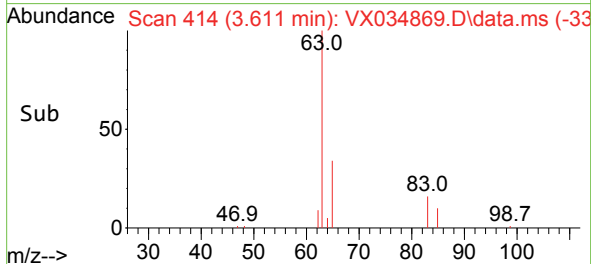
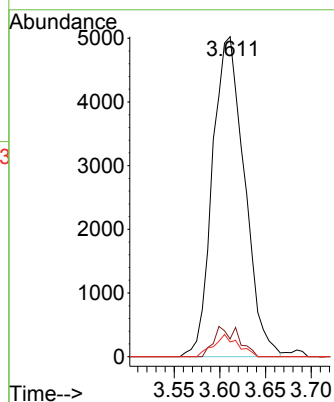
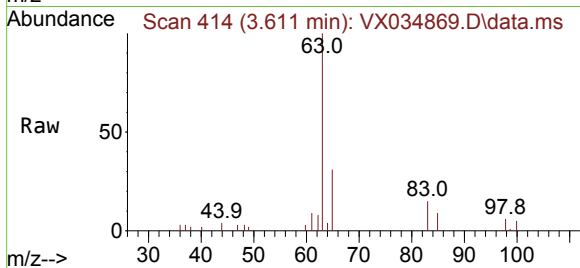
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:	63	Resp:	12244
Ion Ratio	Lower	Upper	
63	100		
98	6.8	3.5	10.6
100	4.6	2.2	6.6



#22

cis-1,2-Dichloroethene

Concen: 1.131 ug/l

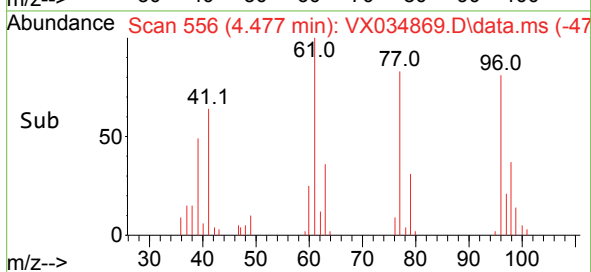
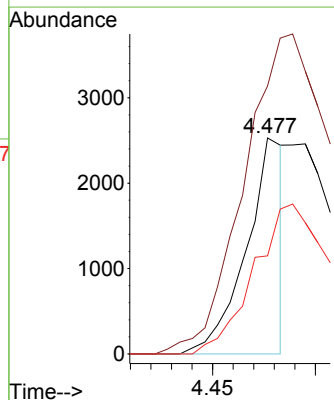
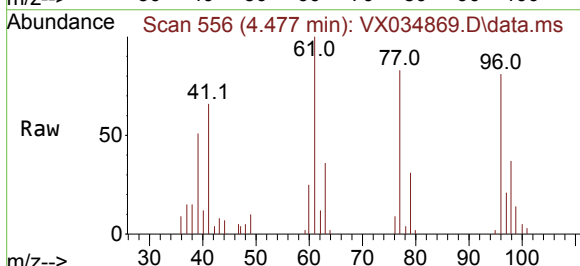
RT: 4.477 min Scan# 556

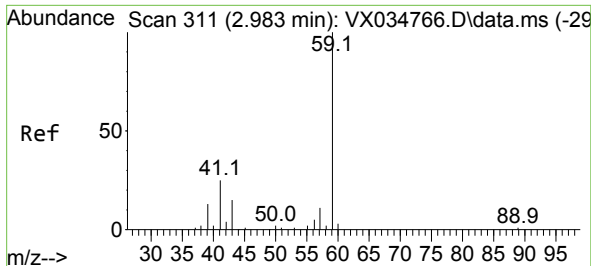
Delta R.T. -0.012 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Tgt Ion:	96	Resp:	3207
Ion Ratio	Lower	Upper	
96	100		
61	360.0	121.7	182.5#
98	155.2	52.2	78.2#

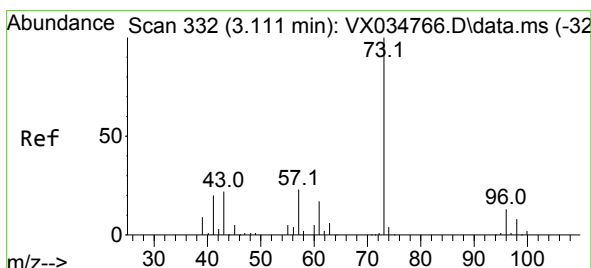
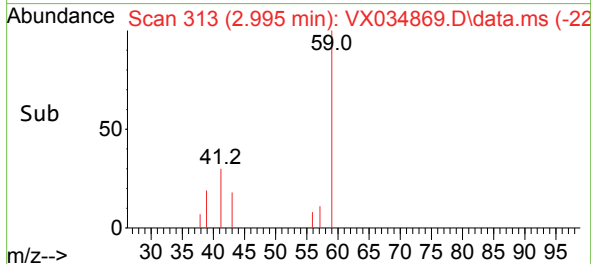
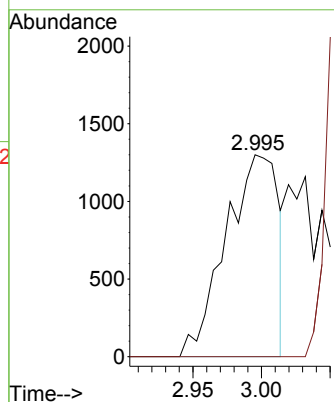
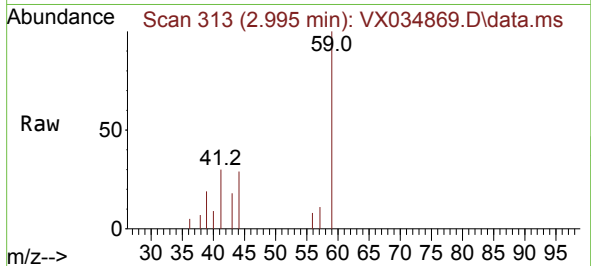




#23
tert-Butyl Alcohol
Concen: 5.657 ug/l
RT: 2.995 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

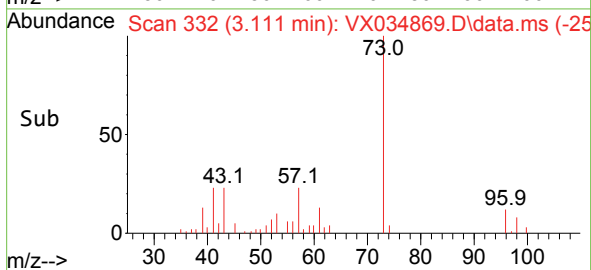
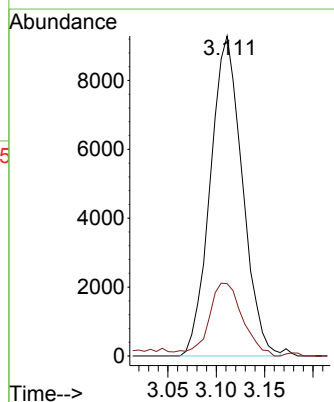
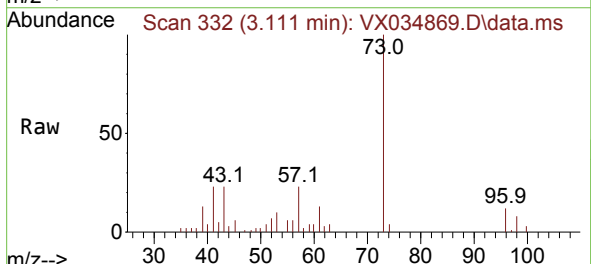
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

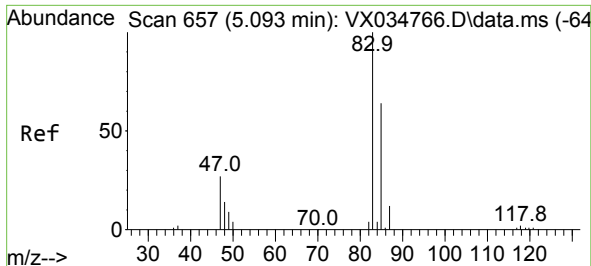
Tgt Ion: 59 Resp: 3453
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 2.587 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 73 Resp: 21383
Ion Ratio Lower Upper
73 100
43 24.0 17.9 26.9

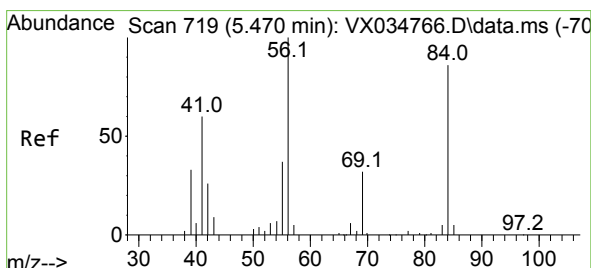
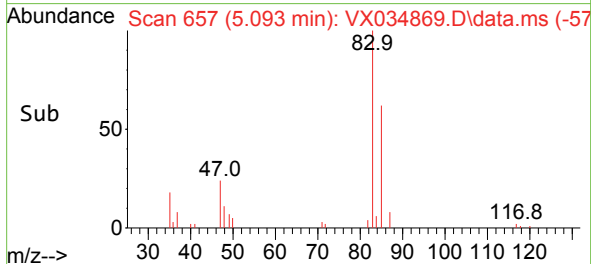
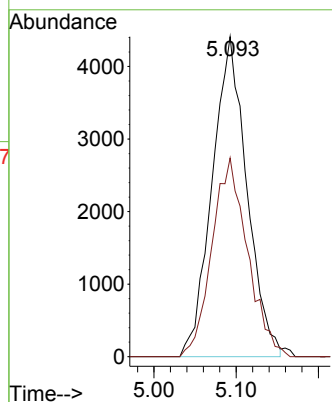
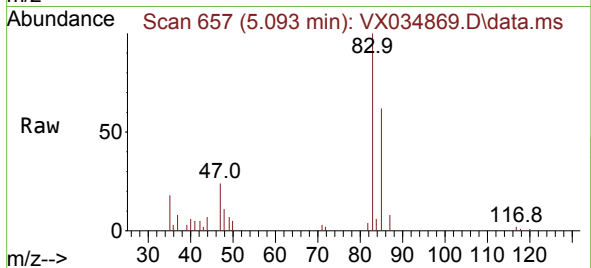




#25
Chloroform
Concen: 2.696 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

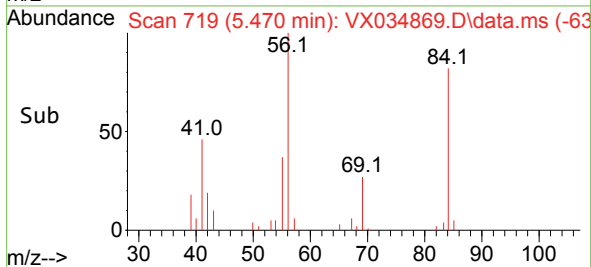
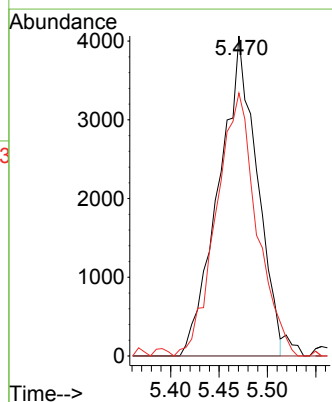
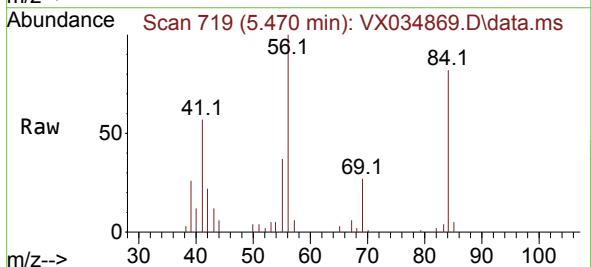
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

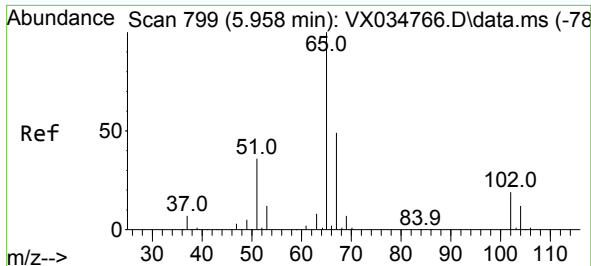
Tgt Ion: 83 Resp: 12934
Ion Ratio Lower Upper
83 100
85 62.1 51.2 76.8



#26
Cyclohexane
Concen: 2.695 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 56 Resp: 11138
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.3 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 30.953 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

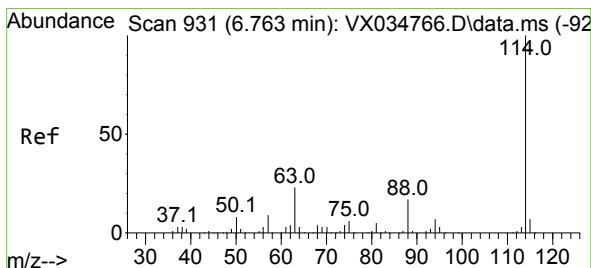
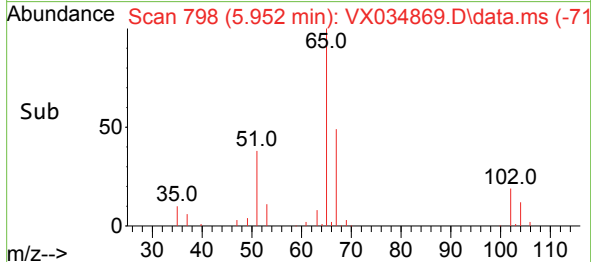
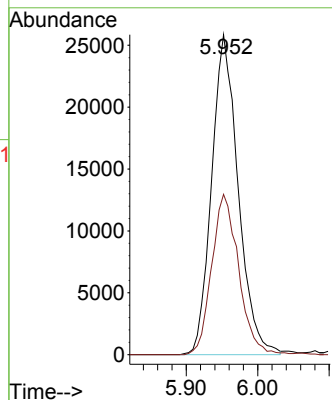
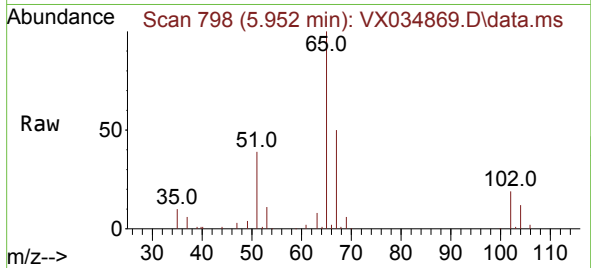
MDL-WATER-03-QT1-2023

Tgt Ion: 65 Resp: 66657

Ion Ratio Lower Upper

65 100

67 50.6 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

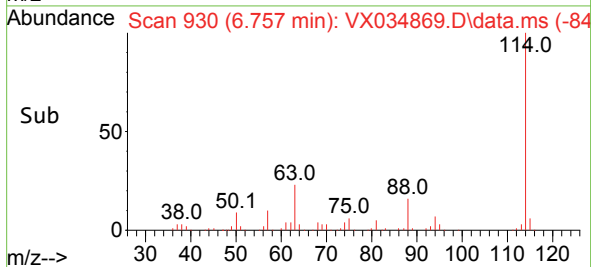
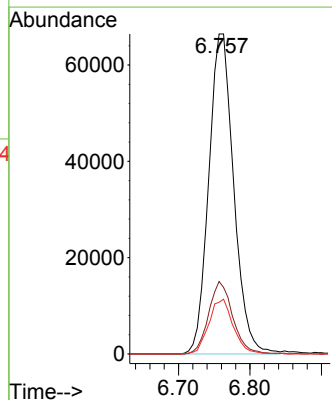
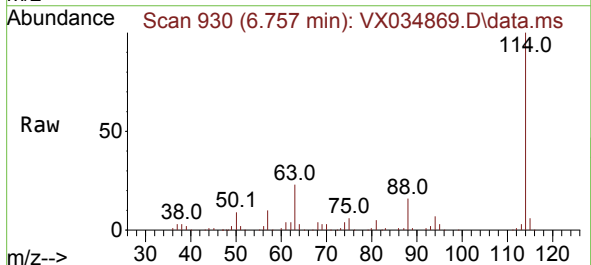
Tgt Ion:114 Resp: 161365

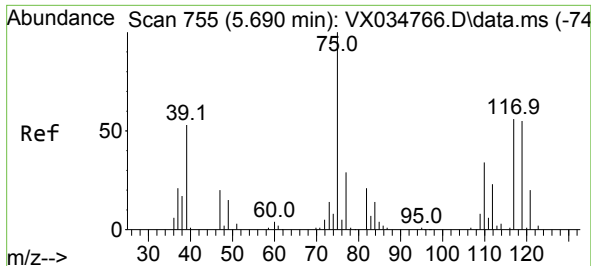
Ion Ratio Lower Upper

114 100

63 21.9 18.0 27.0

88 16.7 13.3 19.9





#29

1,1-Dichloropropene

Concen: 2.530 ug/l

RT: 5.702 min Scan# 755

Delta R.T. 0.012 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

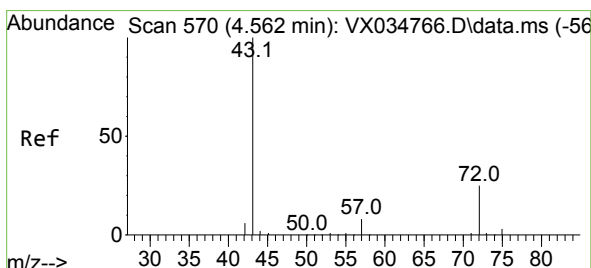
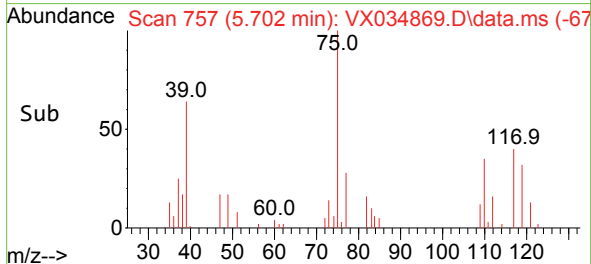
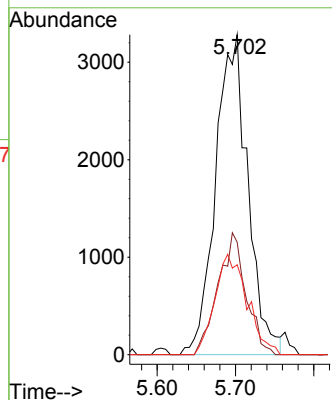
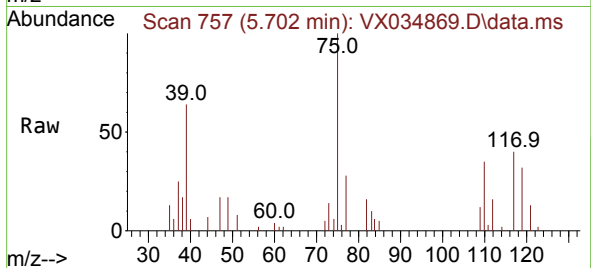
Tgt Ion: 75 Resp: 9389

Ion Ratio Lower Upper

75 100

110 33.1 0.0 71.4

77 31.5 0.0 61.6



#30

2-Butanone

Concen: 12.138 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

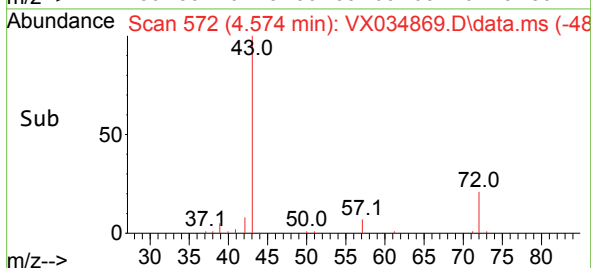
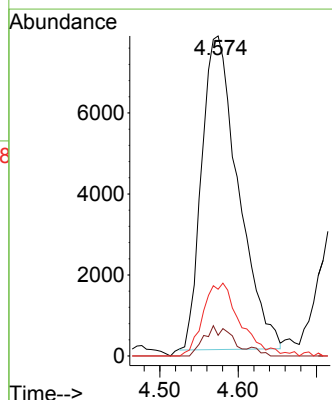
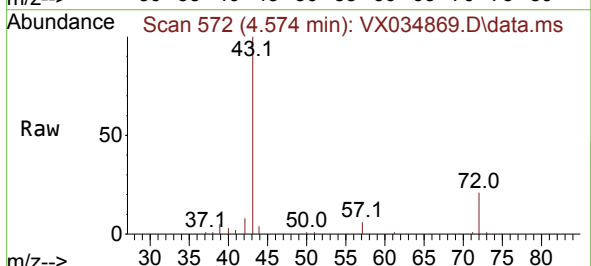
Tgt Ion: 43 Resp: 25123

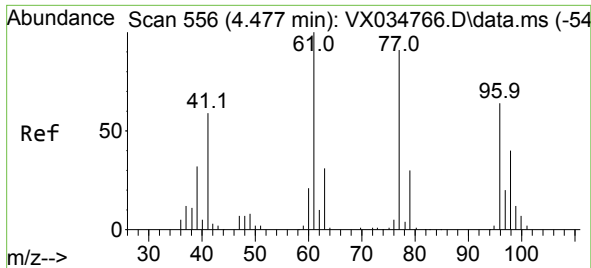
Ion Ratio Lower Upper

43 100

57 3.4 6.3 9.5

72 22.6 19.6 29.4

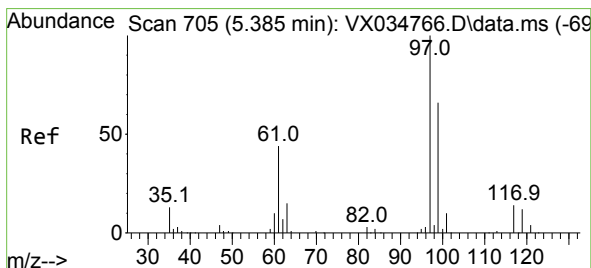
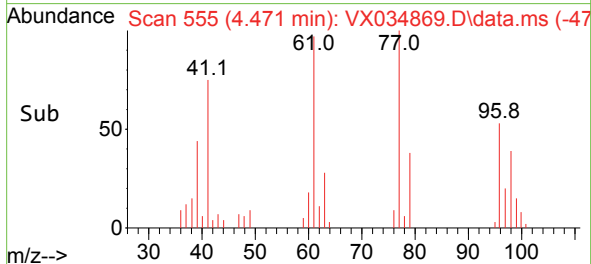
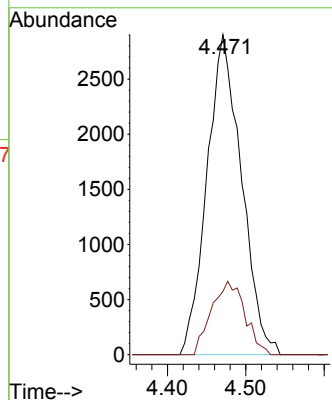
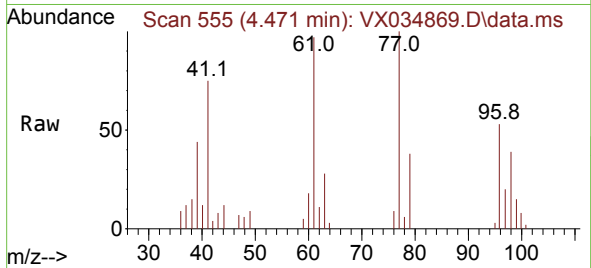




#31
2,2-Dichloropropane
Concen: 2.359 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

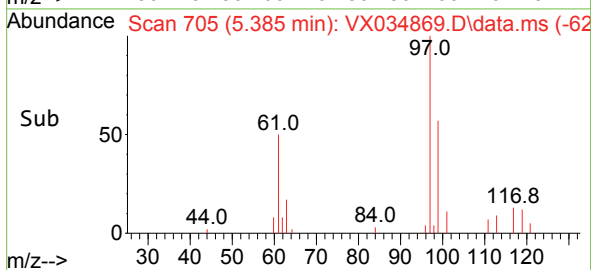
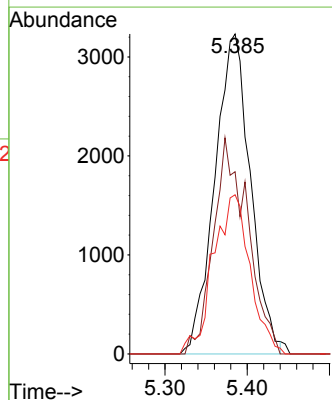
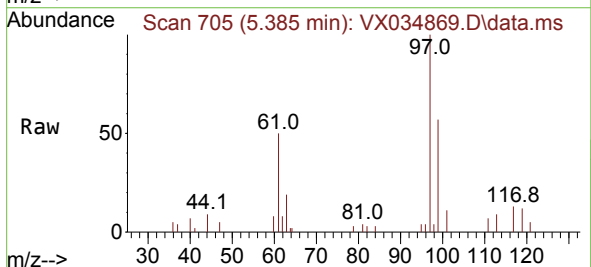
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

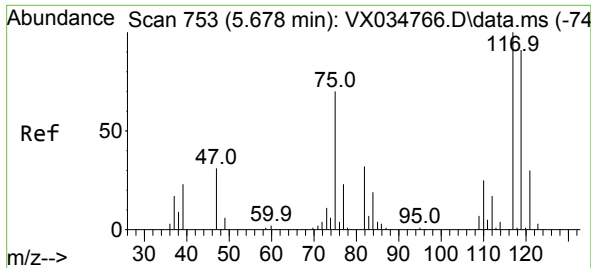
Tgt Ion: 77 Resp: 8880
Ion Ratio Lower Upper
77 100
97 22.3 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 2.238 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 97 Resp: 9744
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 49.7 36.6 55.0

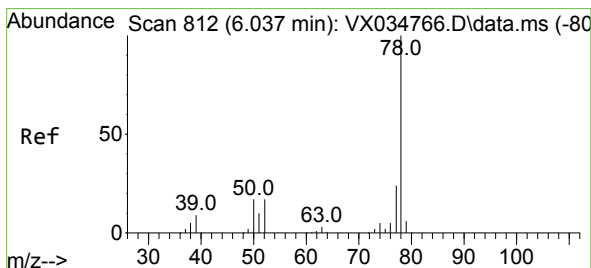
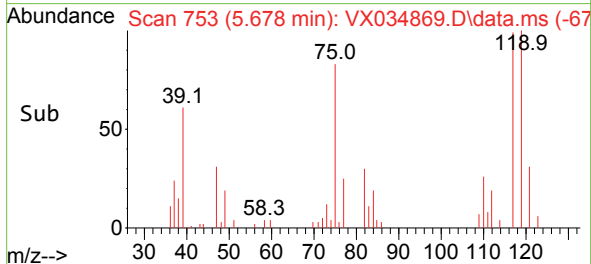
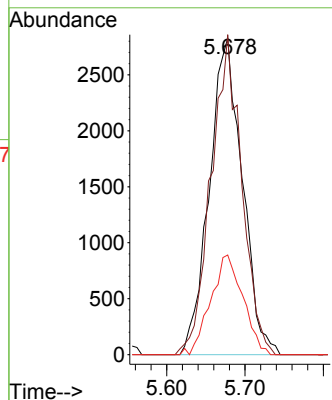
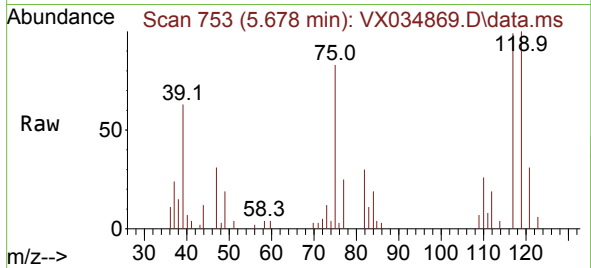




#33
Carbon Tetrachloride
Concen: 2.299 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

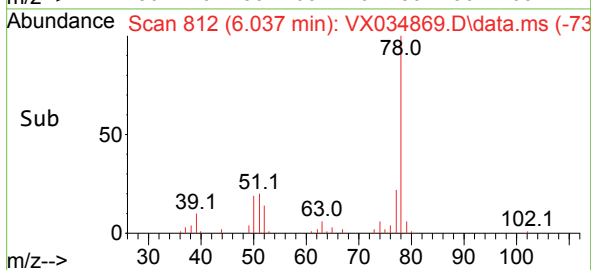
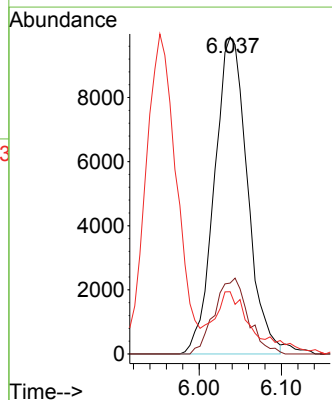
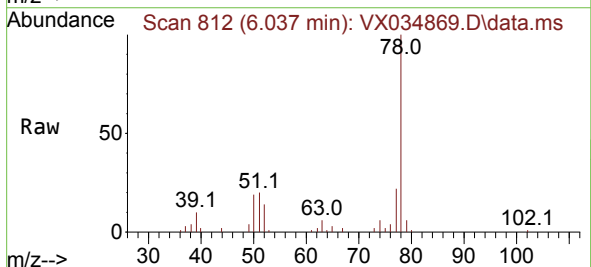
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

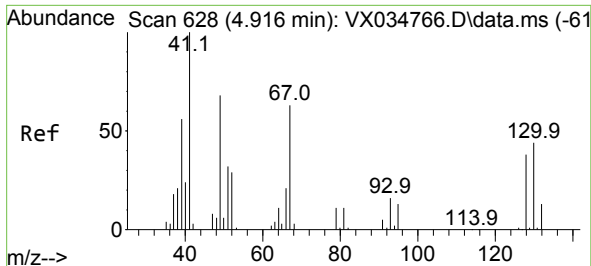
Tgt Ion:	117	Resp:	8262
Ion	Ratio	Lower	Upper
117	100		
119	101.1	73.3	109.9
121	31.5	24.0	36.0



#34
Benzene
Concen: 2.545 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion:	78	Resp:	27449
Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.4
51	15.4	14.6	21.8

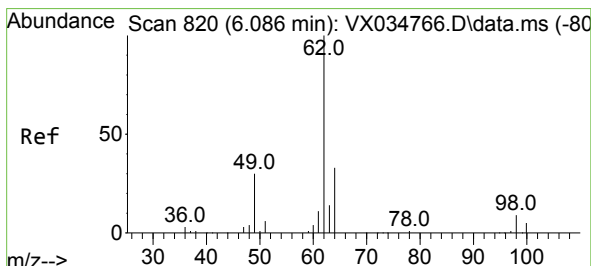
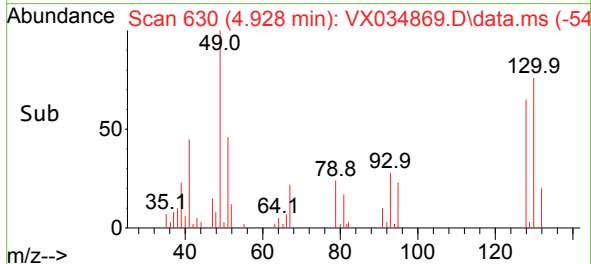
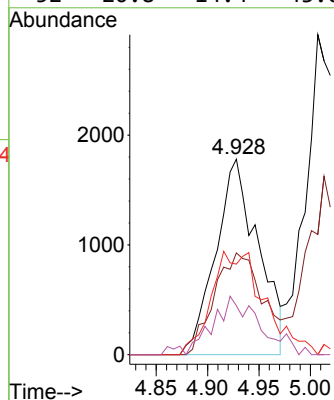
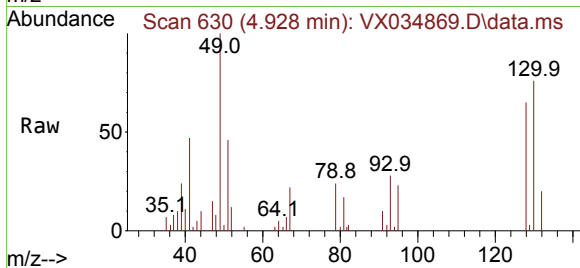




#35
Methacrylonitrile
Concen: 2.261 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

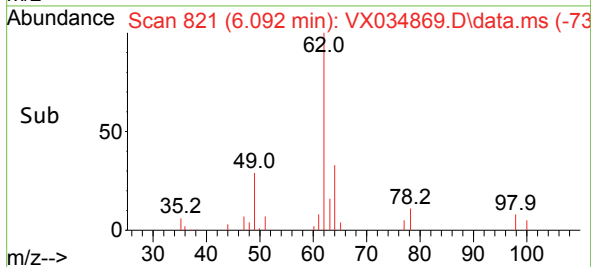
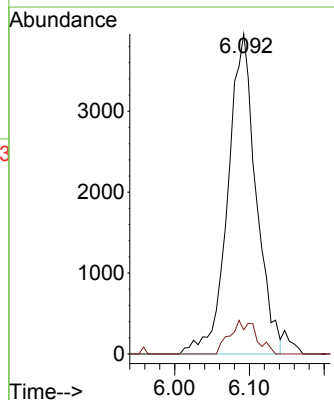
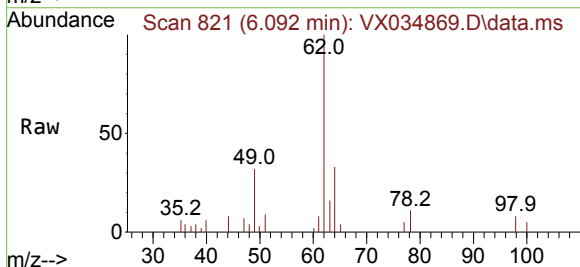
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

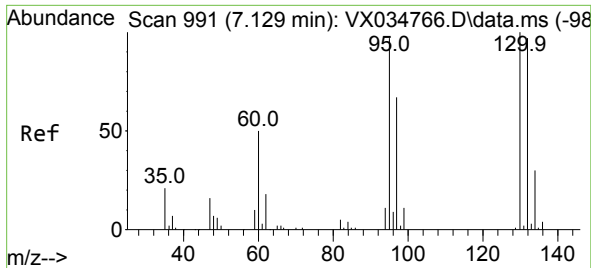
Tgt Ion: 41	Resp: 5122		
Ion	Ratio	Lower	Upper
41	100		
39	52.0	28.0	84.0
67	46.4	31.6	94.7
52	20.8	14.4	43.0



#36
1,2-Dichloroethane
Concen: 2.456 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 62	Resp: 10384		
Ion Ratio	Lower	Upper	
62 100			
98 3.5	7.0	10.6#	

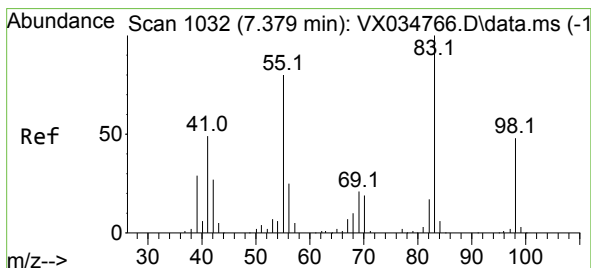
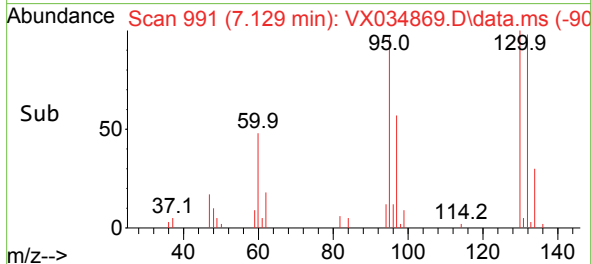
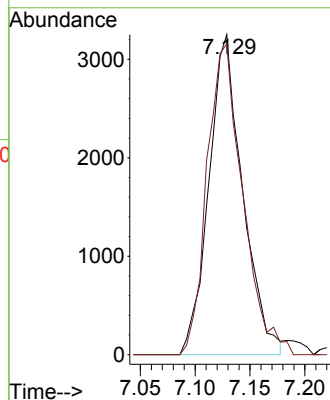
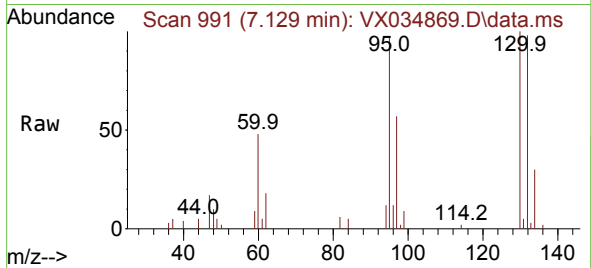




#37
Trichloroethene
Concen: 2.534 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

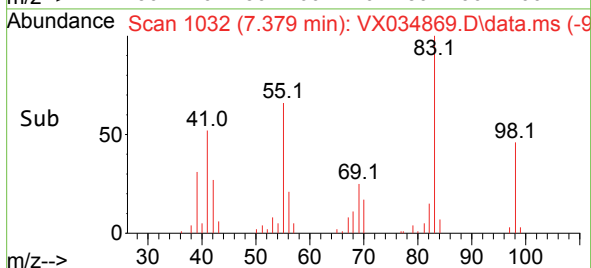
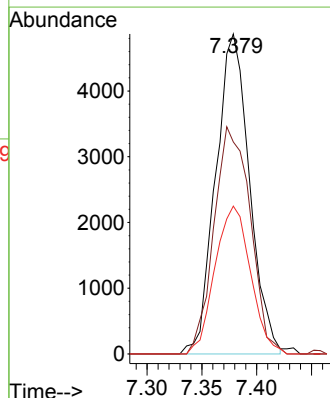
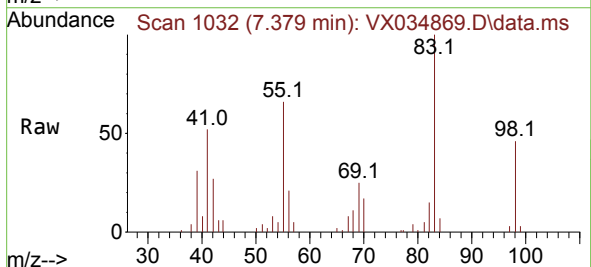
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

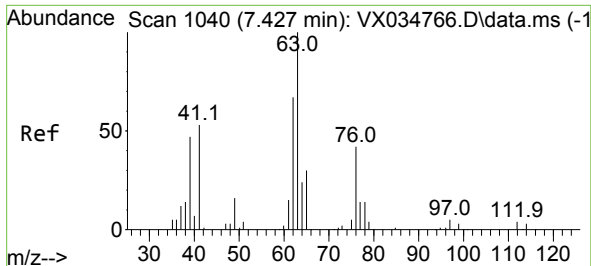
Tgt Ion:130 Resp: 6955
Ion Ratio Lower Upper
130 100
95 97.2 77.8 116.6



#38
Methylcyclohexane
Concen: 2.575 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 83 Resp: 10441
Ion Ratio Lower Upper
83 100
55 76.2 38.8 116.4
98 48.6 23.8 71.2





#39

1,2-Dichloropropane

Concen: 2.476 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

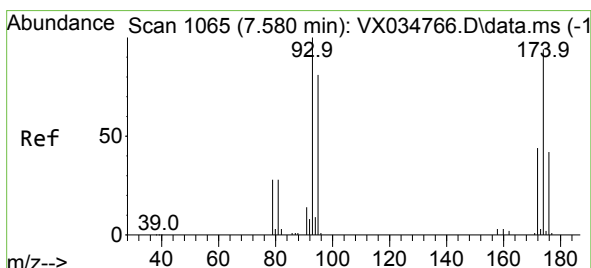
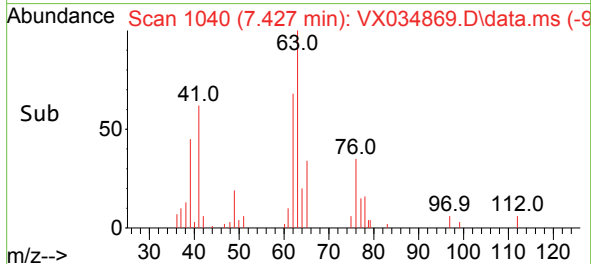
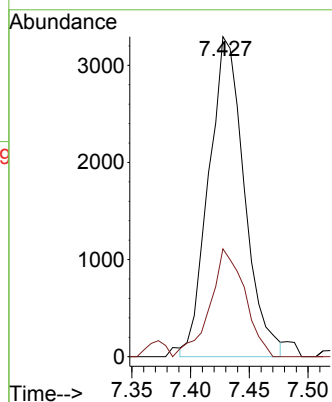
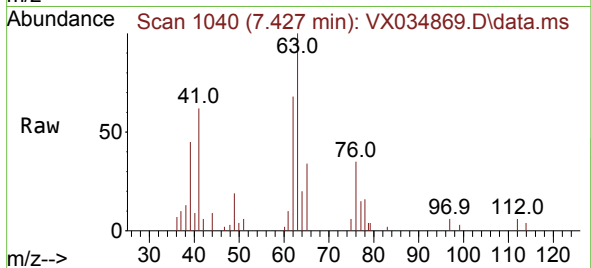
MDL-WATER-03-QT1-2023

Tgt Ion: 63 Resp: 6942

Ion Ratio Lower Upper

63 100

65 34.6 24.0 36.0



#40

Dibromomethane

Concen: 2.441 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

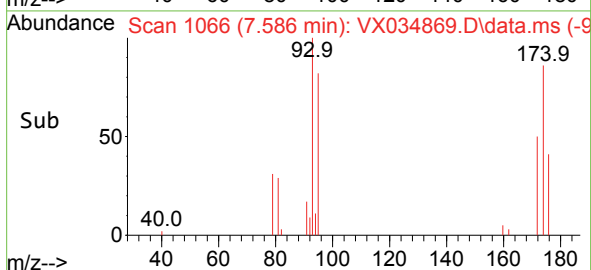
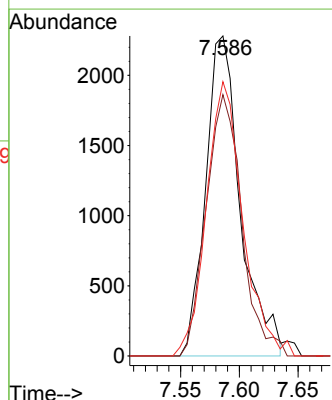
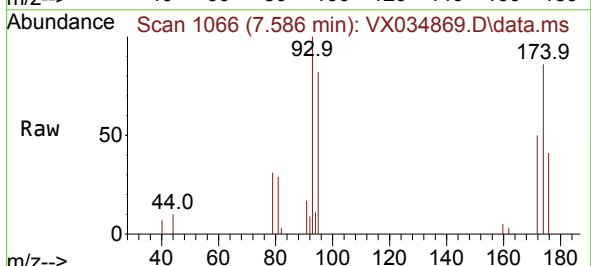
Tgt Ion: 93 Resp: 4700

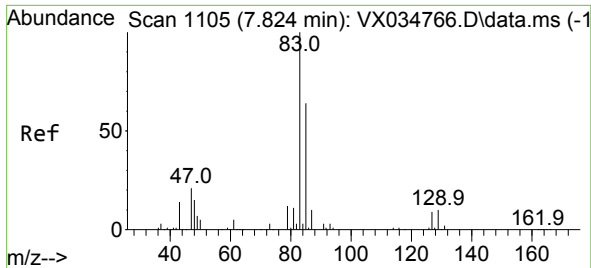
Ion Ratio Lower Upper

93 100

95 81.7 0.0 165.8

174 89.7 0.0 188.8

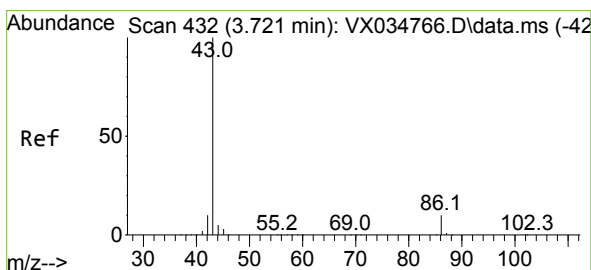
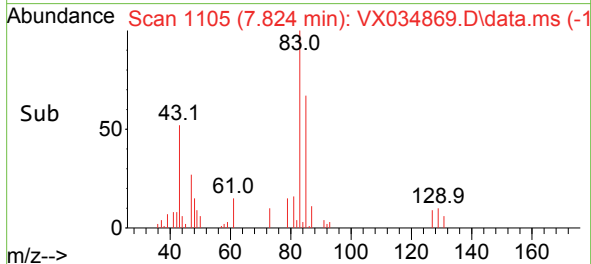
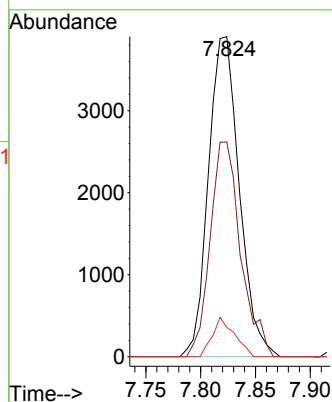
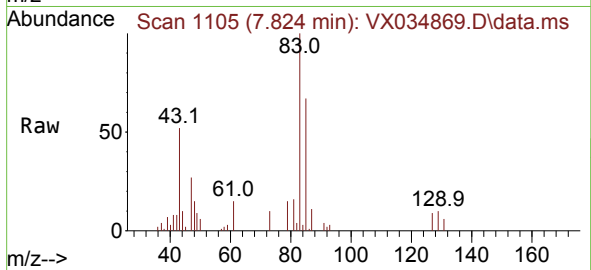




#41
Bromodichloromethane
Concen: 2.110 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

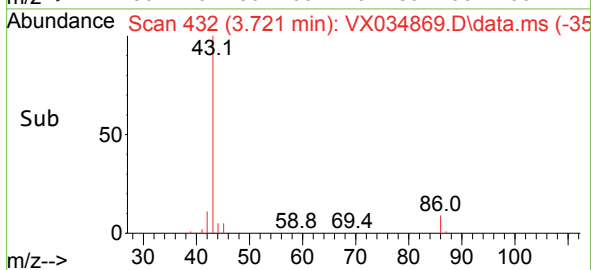
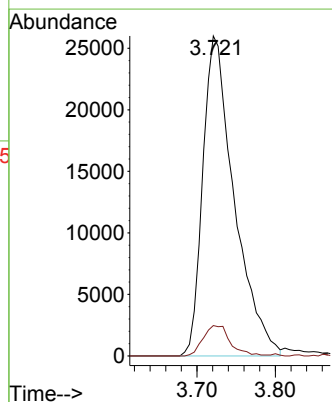
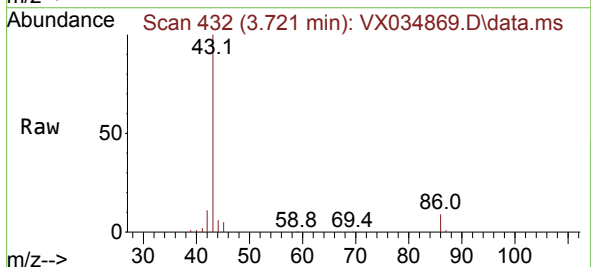
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

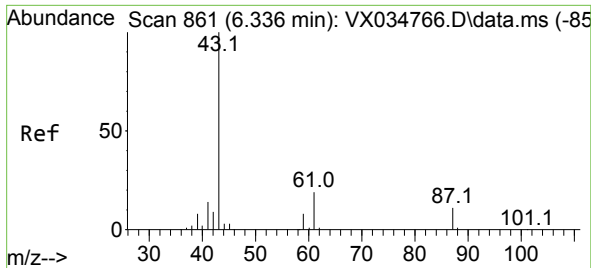
Tgt Ion: 83 Resp: 7655
Ion Ratio Lower Upper
83 100
85 67.1 51.1 76.7
127 9.1 8.2 12.4



#42
Vinyl Acetate
Concen: 10.758 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 43 Resp: 72643
Ion Ratio Lower Upper
43 100
86 8.2 6.9 10.3





#44

Isopropyl Acetate

Concen: 2.087 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

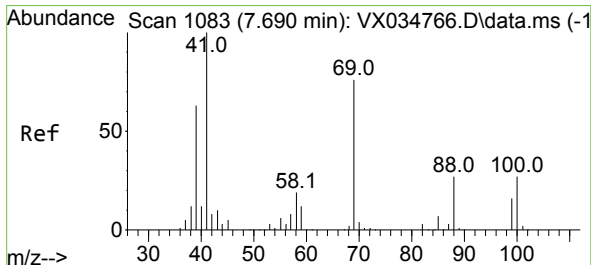
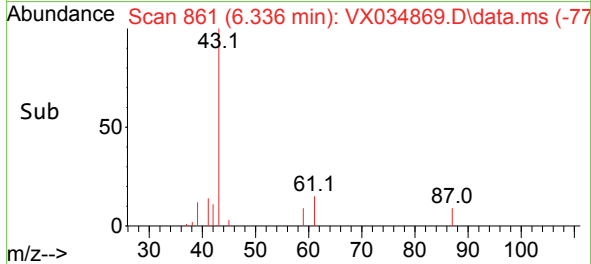
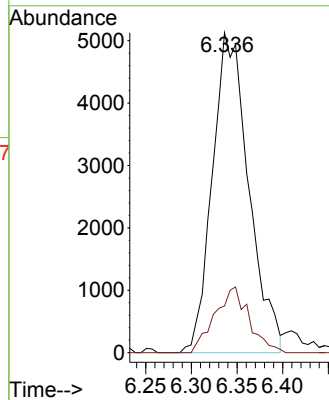
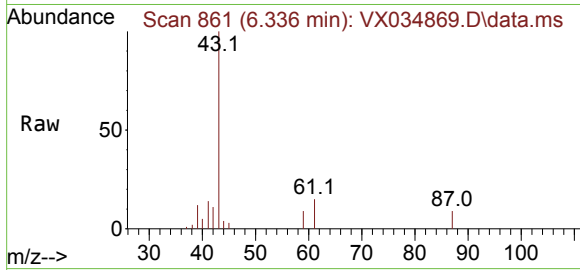
MDL-WATER-03-QT1-2023

Tgt Ion: 43 Resp: 14184

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.0



#45

1,4-Dioxane

Concen: 18.790 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.012 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

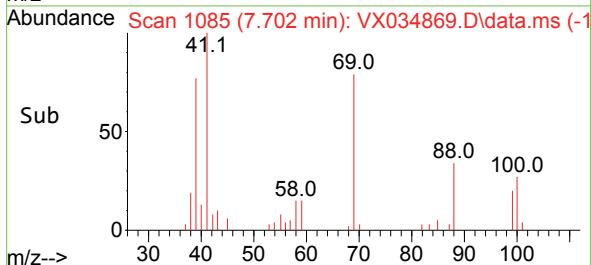
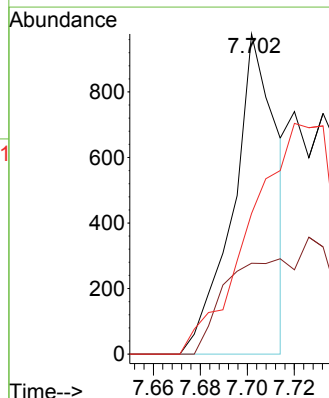
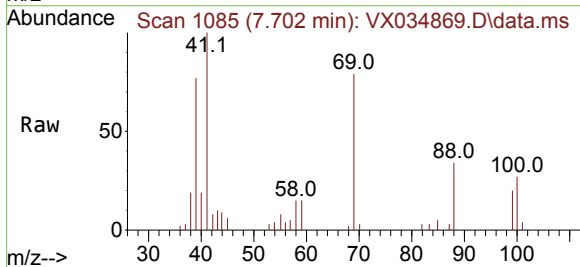
Tgt Ion: 88 Resp: 1265

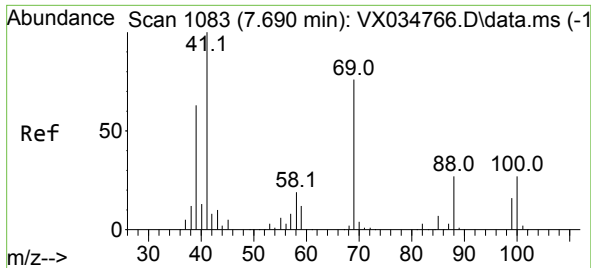
Ion Ratio Lower Upper

88 100

43 47.7 26.5 39.7#

58 0.0 55.6 83.4#

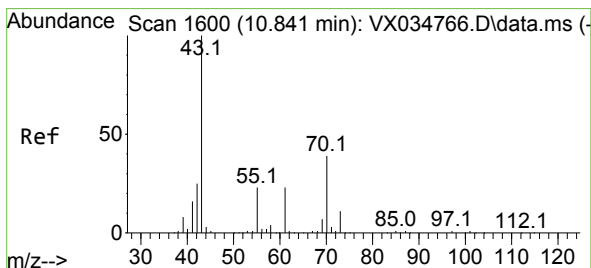
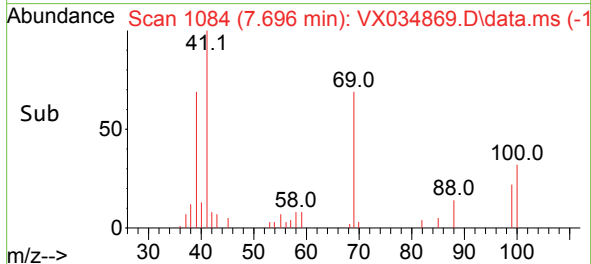
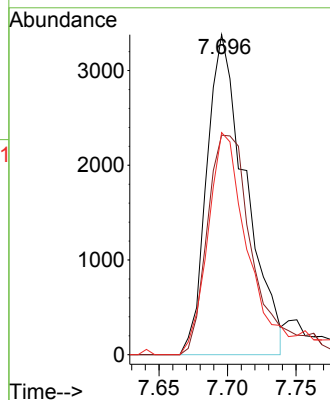
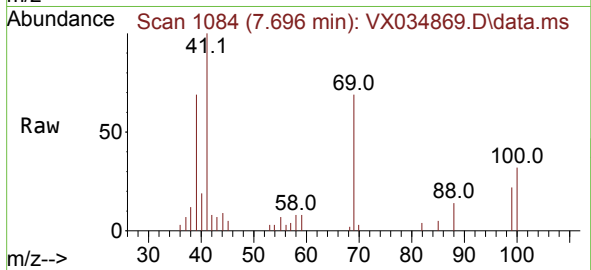




#46
Methyl methacrylate
Concen: 2.021 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

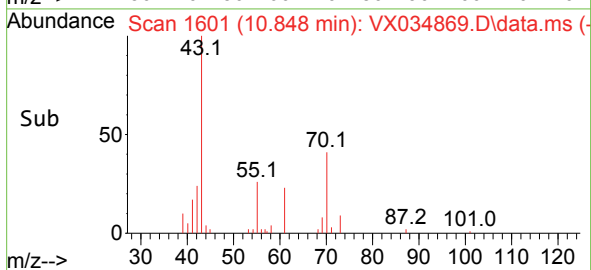
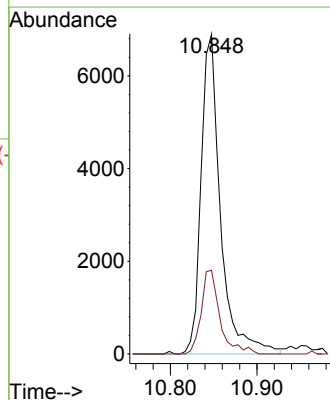
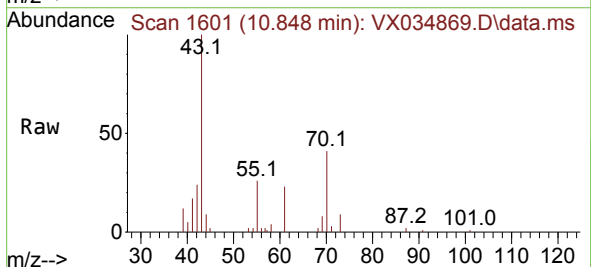
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

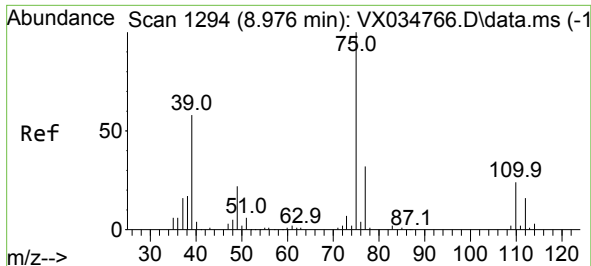
Tgt Ion: 41 Resp: 6692
Ion Ratio Lower Upper
41 100
69 68.6 38.1 114.5
39 69.4 31.4 94.3



#47
n-amy1 Acetate
Concen: 1.817 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.007 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 43 Resp: 10736
Ion Ratio Lower Upper
43 100
55 25.2 18.6 28.0





#48

t-1,3-Dichloropropene

Concen: 1.783 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

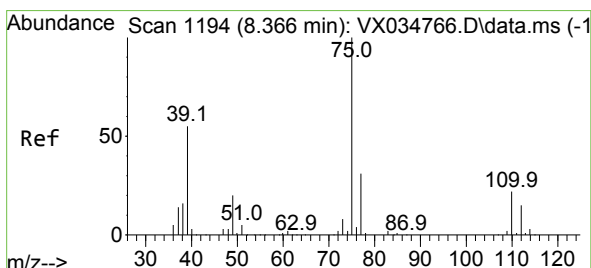
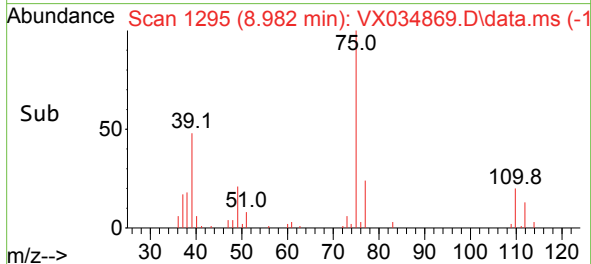
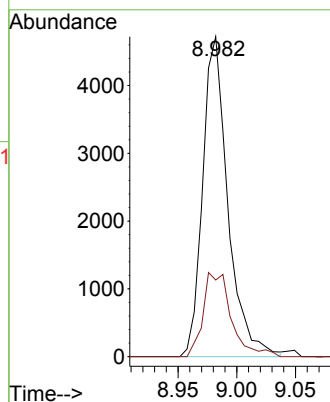
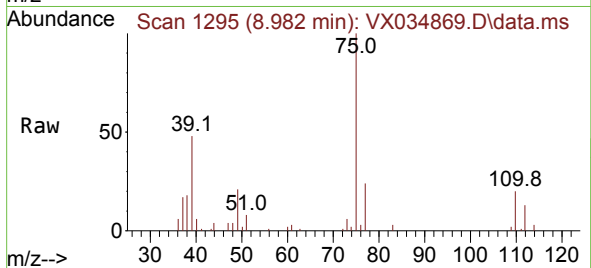
MDL-WATER-03-QT1-2023

Tgt Ion: 75 Resp: 7046

Ion Ratio Lower Upper

75 100

77 24.0 25.5 38.3#



#49

cis-1,3-Dichloropropene

Concen: 1.907 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

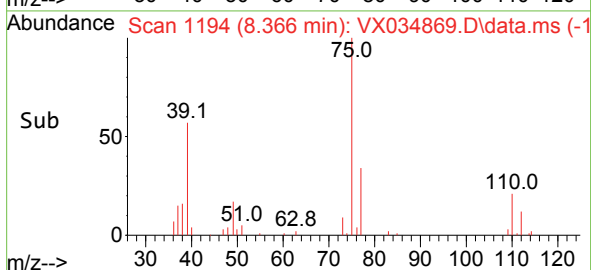
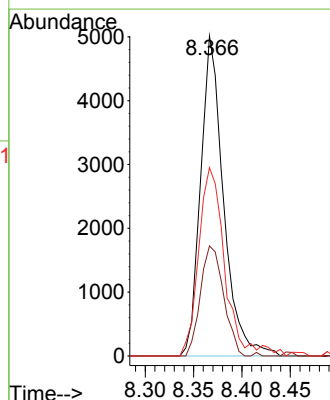
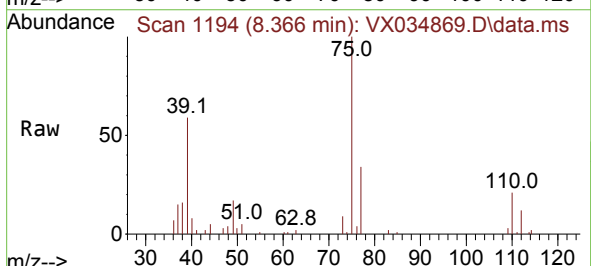
Tgt Ion: 75 Resp: 8282

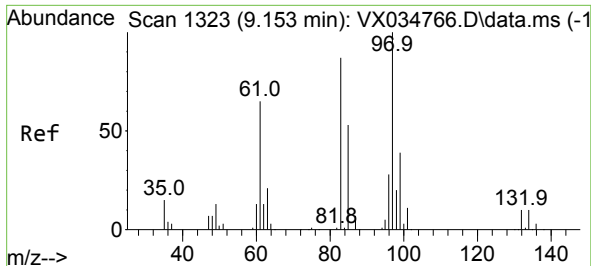
Ion Ratio Lower Upper

75 100

77 34.4 24.6 37.0

39 58.9 44.2 66.2

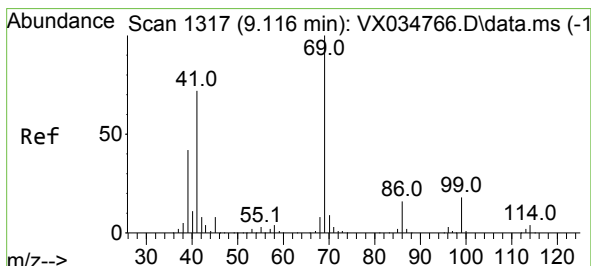
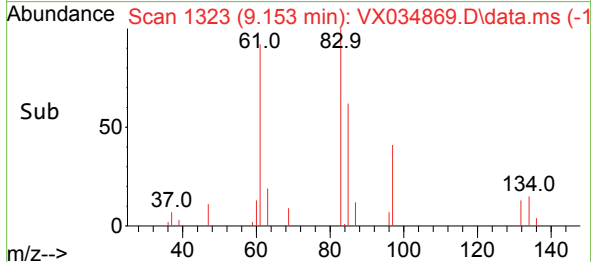
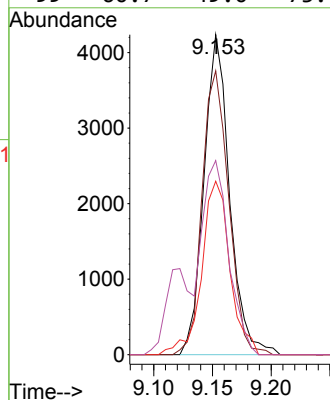
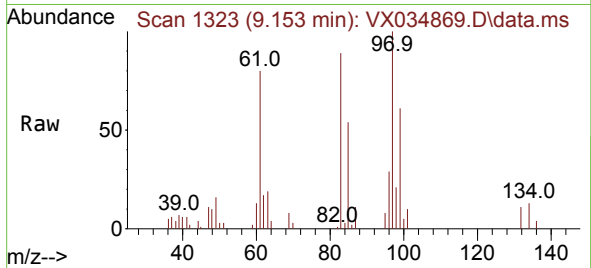




#50
1,1,2-Trichloroethane
Concen: 2.409 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

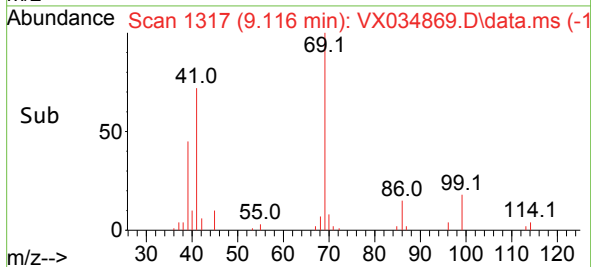
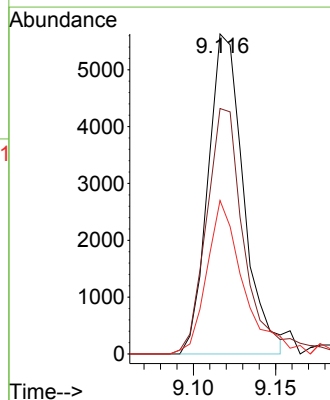
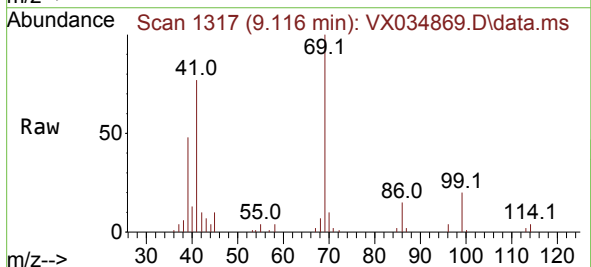
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

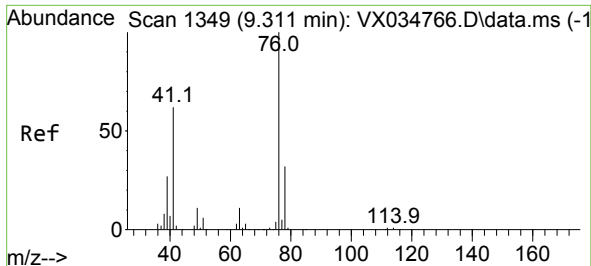
Tgt Ion:	97	Resp:	6462
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.9	103.3
85	54.2	44.0	66.0
99	60.7	49.0	73.4



#51
Ethyl methacrylate
Concen: 1.939 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion:	69	Resp:	8442
Ion	Ratio	Lower	Upper
69	100		
41	75.4	36.2	108.6
39	46.7	21.2	63.6





#52

1,3-Dichloropropane

Concen: 2.594 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

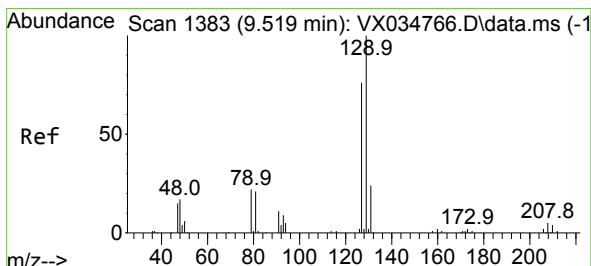
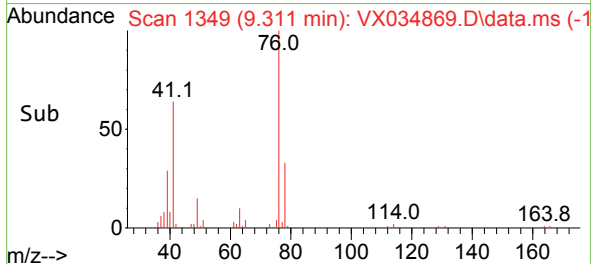
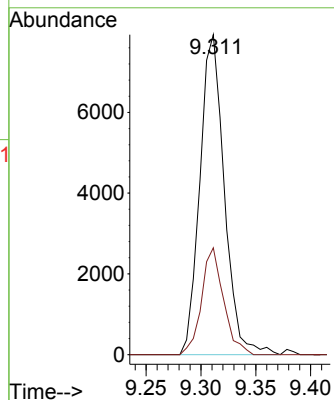
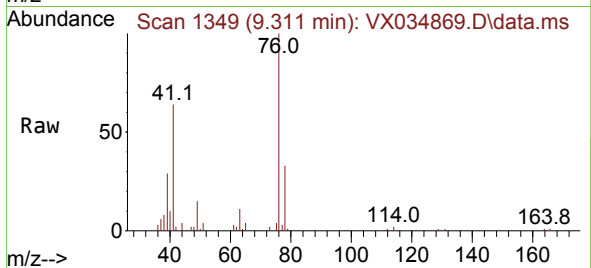
MDL-WATER-03-QT1-2023

Tgt Ion: 76 Resp: 12292

Ion Ratio Lower Upper

76 100

78 30.1 0.0 63.8



#53

Dibromochloromethane

Concen: 1.815 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX034869.D

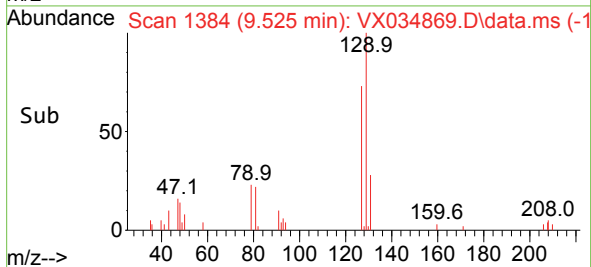
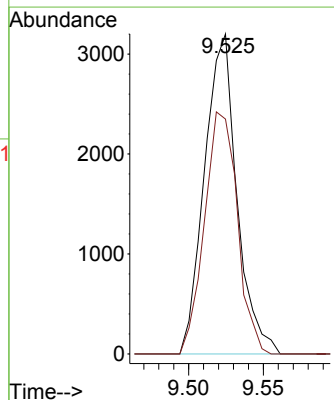
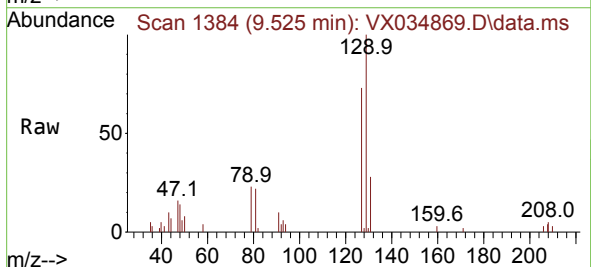
Acq: 31 Mar 2023 11:36

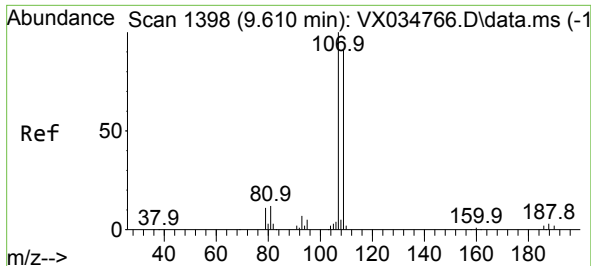
Tgt Ion: 129 Resp: 4817

Ion Ratio Lower Upper

129 100

127 76.9 39.1 117.5

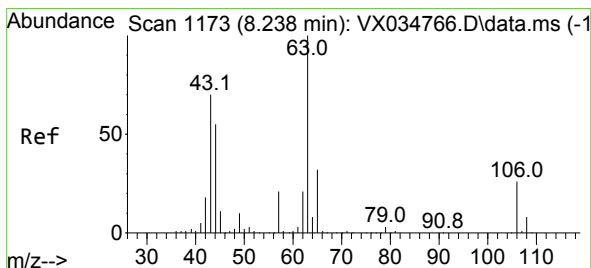
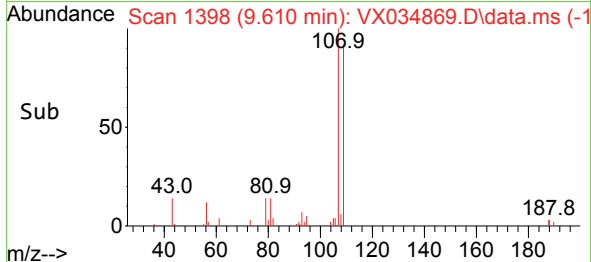
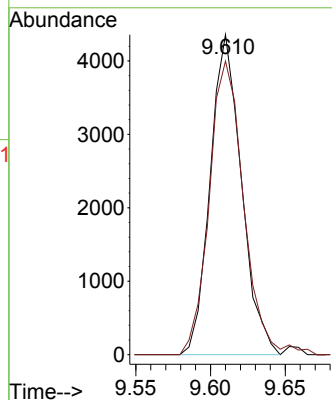
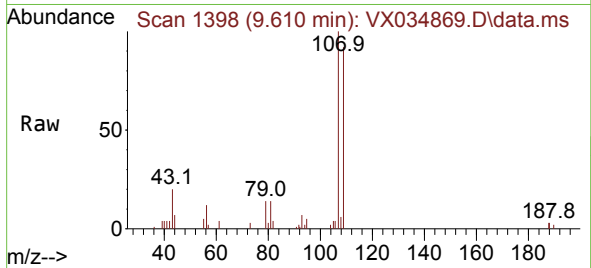




#54
1,2-Dibromoethane
Concen: 2.207 ug/l
RT: 9.610 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

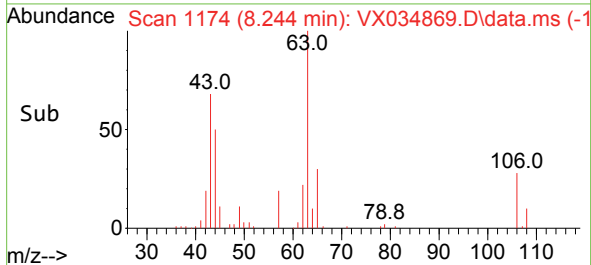
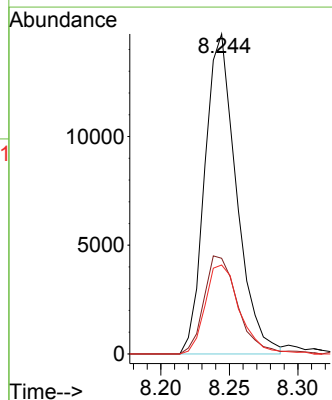
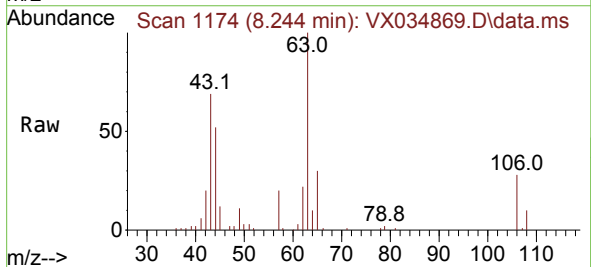
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

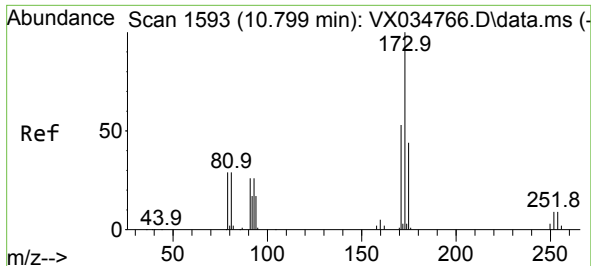
Tgt Ion:107 Resp: 6335
Ion Ratio Lower Upper
107 100
109 99.4 75.4 113.2



#55
2-Chloroethyl vinyl ether
Concen: 10.326 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 63 Resp: 23662
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.2
106 30.4 21.6 32.4

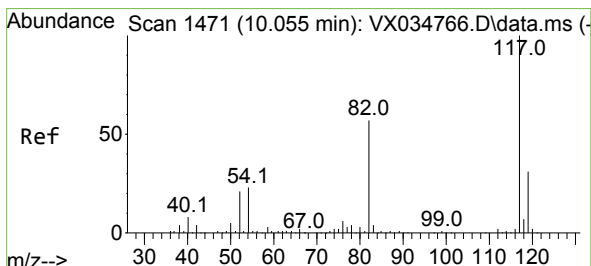
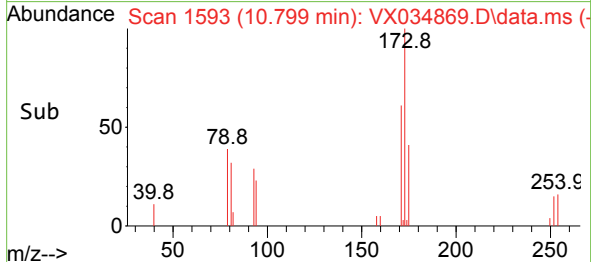
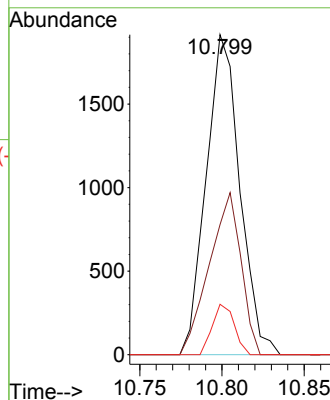
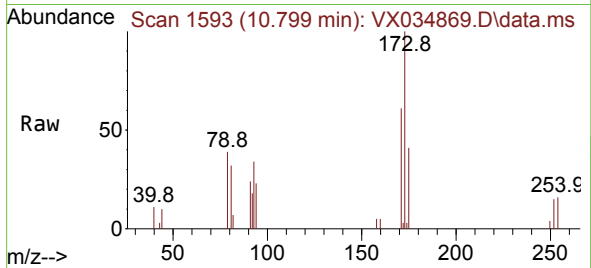




#56
Bromoform
Concen: 1.491 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

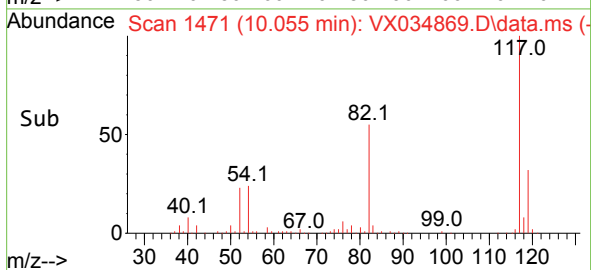
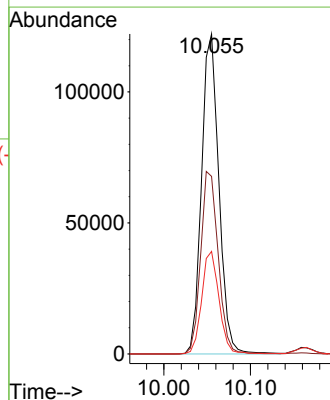
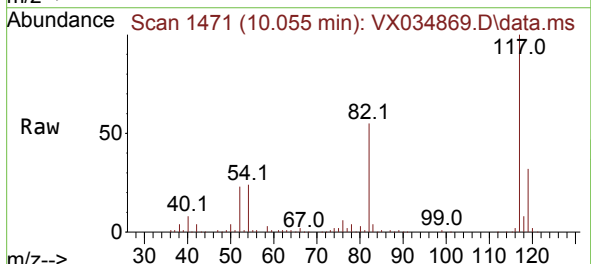
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

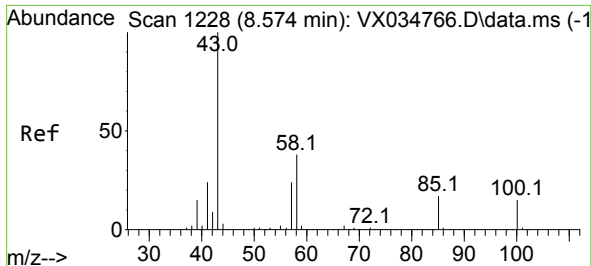
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	37.0	55.4
254	10.3	6.7	10.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.8	68.8
119	32.1	25.4	38.0

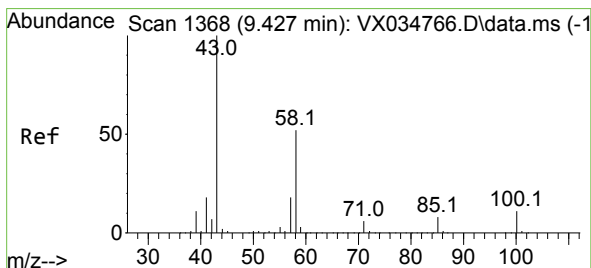
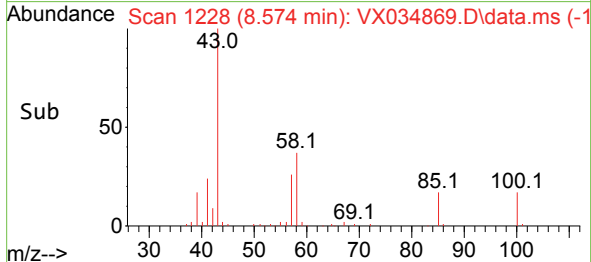
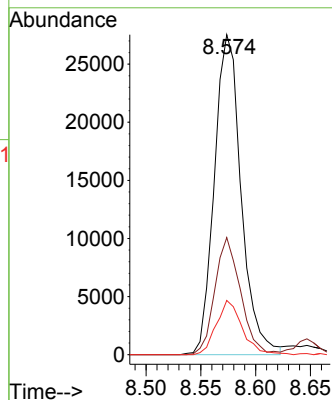
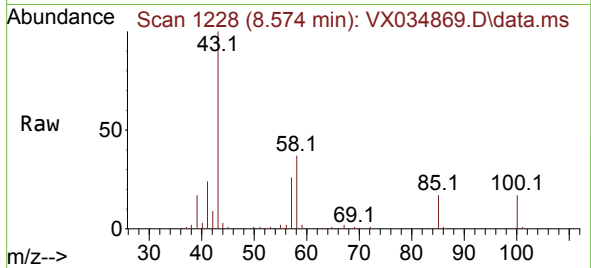




#58
4-Methyl-2-Pentanone
Concen: 12.045 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

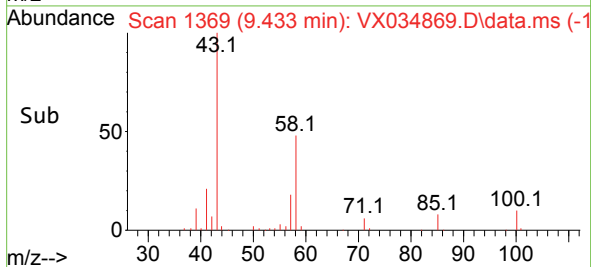
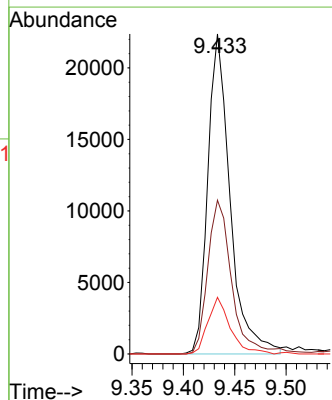
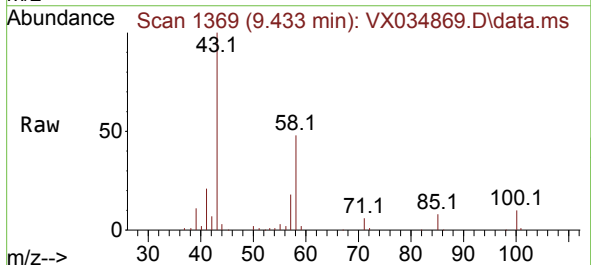
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

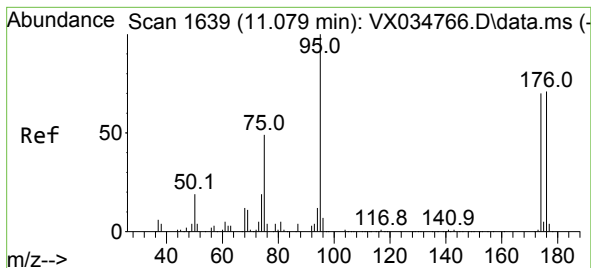
Tgt Ion: 43 Resp: 46869
Ion Ratio Lower Upper
43 100
58 34.8 29.9 44.9
85 16.4 13.2 19.8



#59
2-Hexanone
Concen: 11.540 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 43 Resp: 33809
Ion Ratio Lower Upper
43 100
58 50.7 41.7 62.5
57 17.7 14.7 22.1

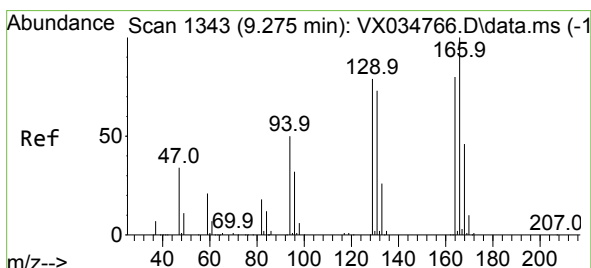
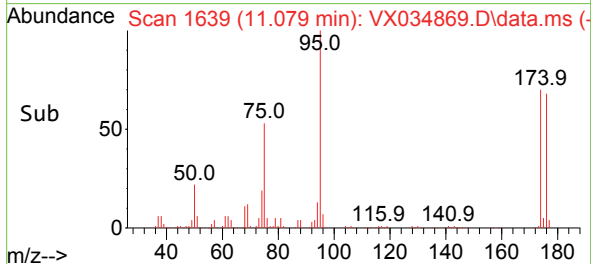
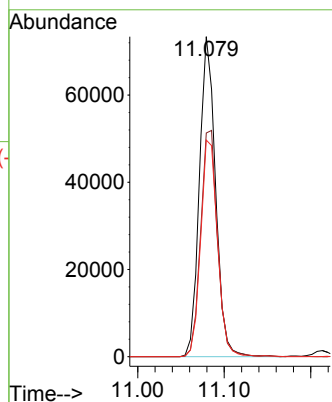
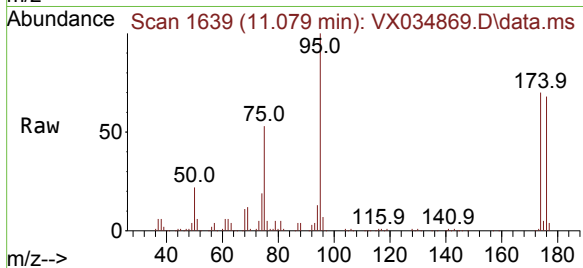




#60
4-Bromofluorobenzene
Concen: 27.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

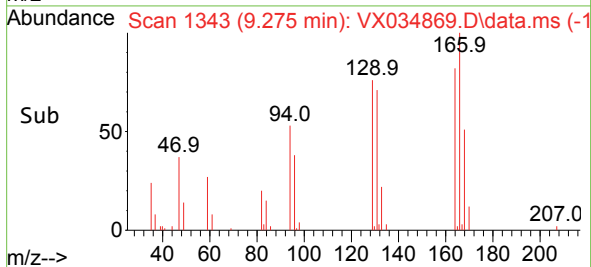
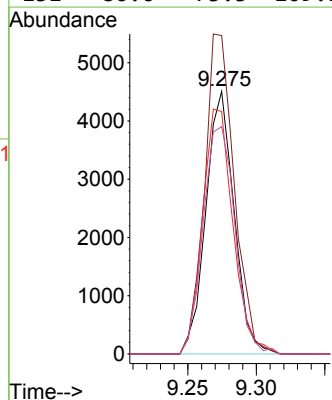
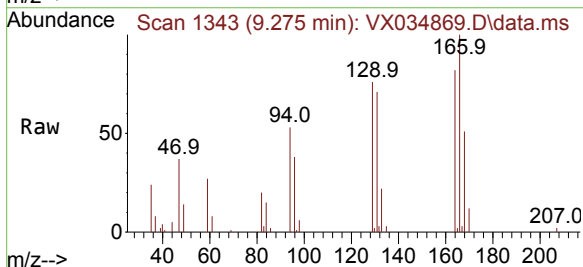
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

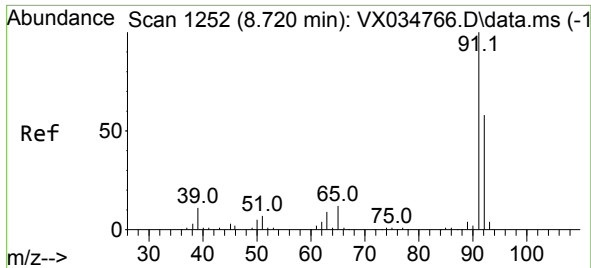
Tgt Ion: 95 Resp: 94936
Ion Ratio Lower Upper
95 100
174 73.7 0.2 0.4#
176 70.9 0.2 0.2#



#61
Tetrachloroethene
Concen: 2.837 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 164 Resp: 6488
Ion Ratio Lower Upper
164 100
166 121.3 100.1 150.1
129 92.3 79.1 118.7
131 86.6 73.3 109.9

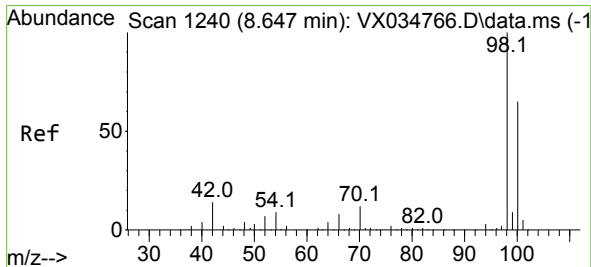
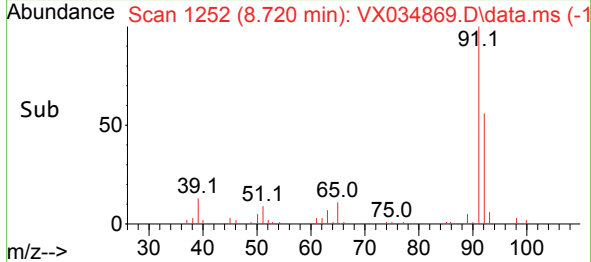
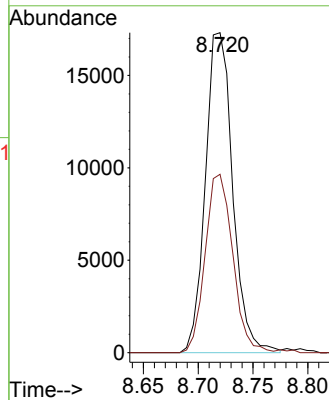
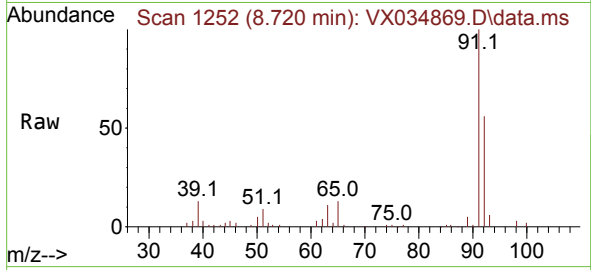




#62
Toluene
Concen: 2.704 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

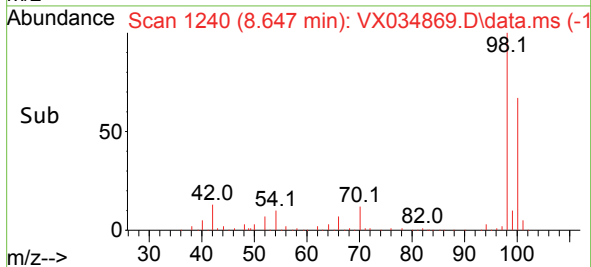
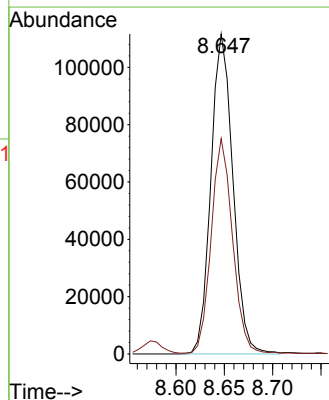
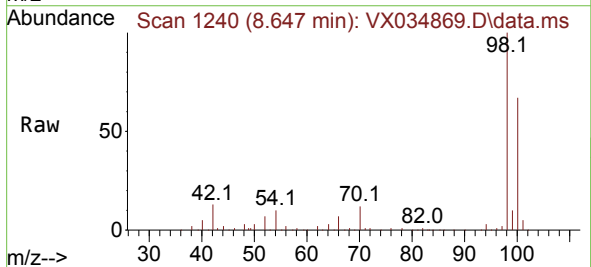
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

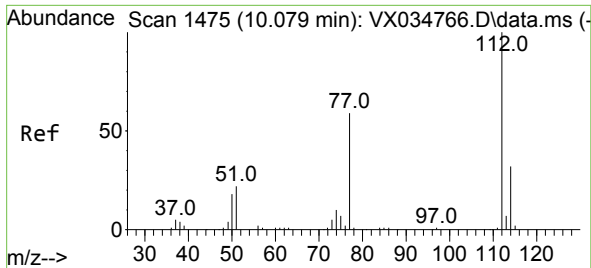
Tgt Ion: 91 Resp: 30003
Ion Ratio Lower Upper
91 100
92 56.4 46.5 69.7



#63
Toluene-d8
Concen: 30.682 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 98 Resp: 176960
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

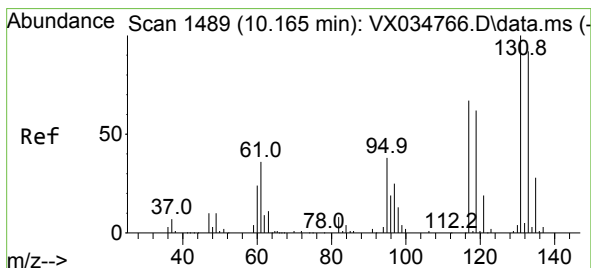
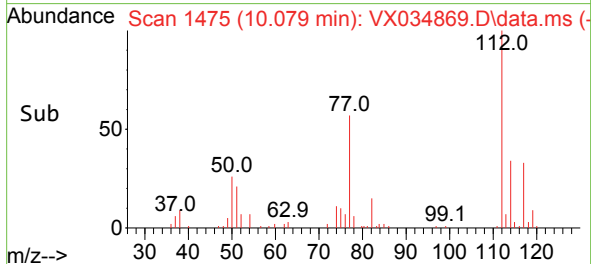
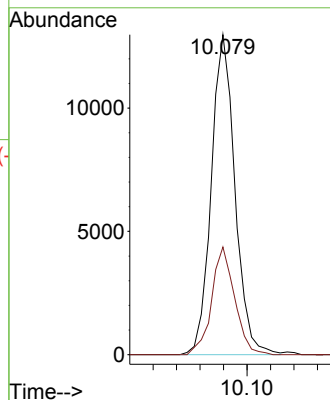
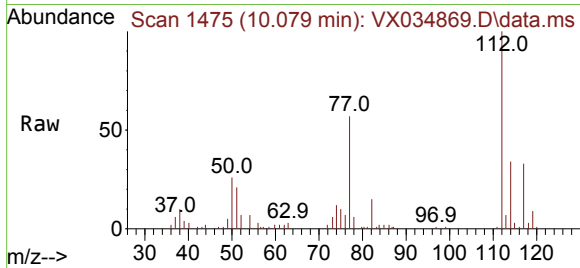




#64
Chlorobenzene
Concen: 2.662 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

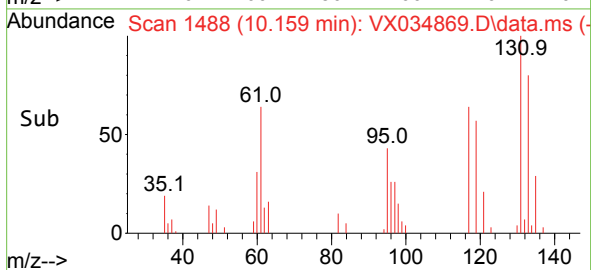
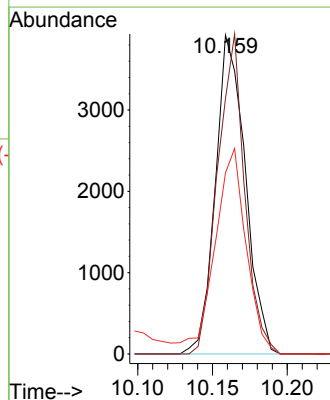
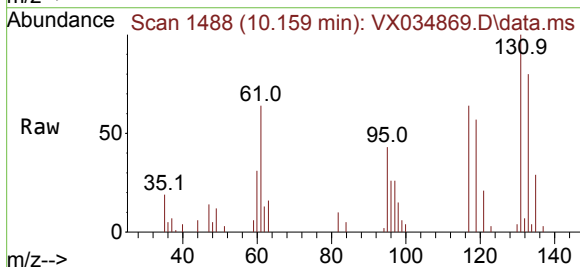
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

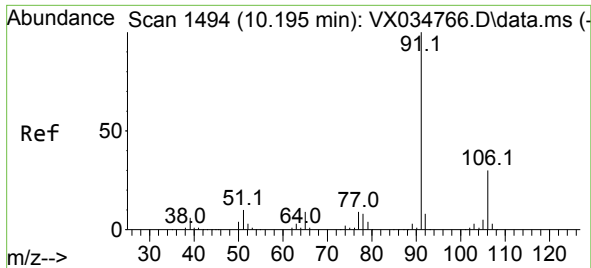
Tgt Ion:112 Resp: 18191
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.8



#65
1,1,1,2-Tetrachloroethane
Concen: 2.235 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion:131 Resp: 5461
Ion Ratio Lower Upper
131 100
133 90.5 0.0 186.6
119 65.5 0.0 128.6

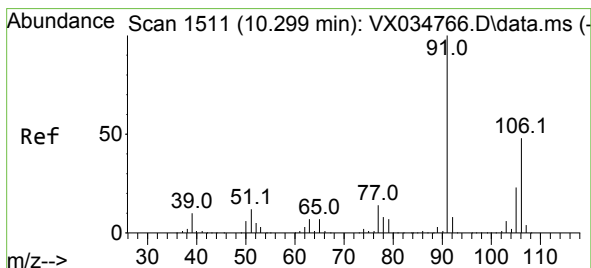
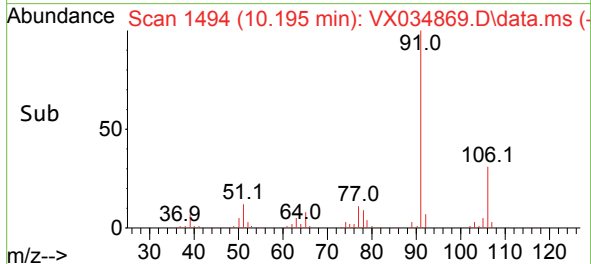
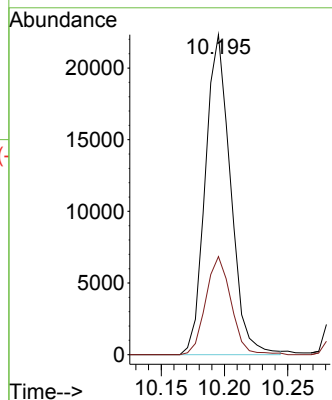
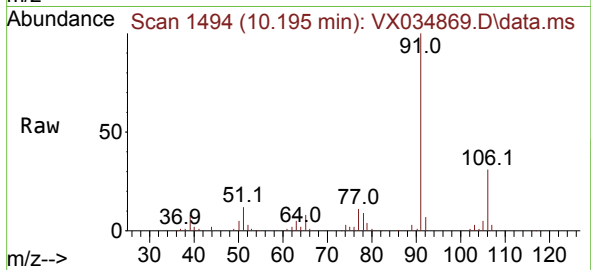




#66
Ethyl Benzene
Concen: 2.505 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

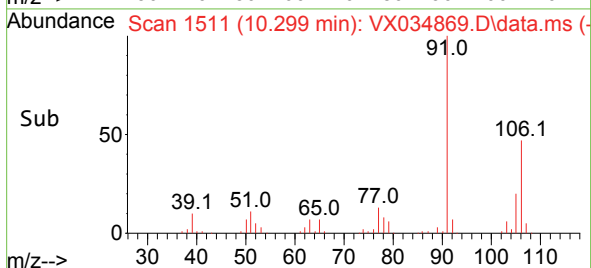
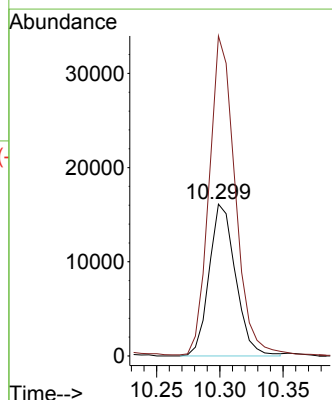
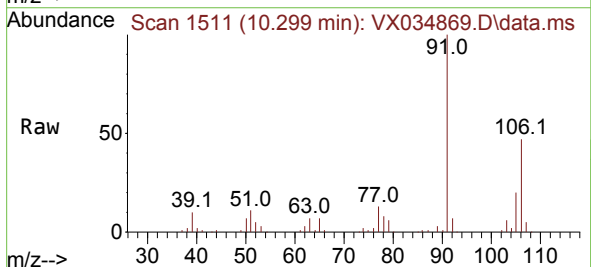
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

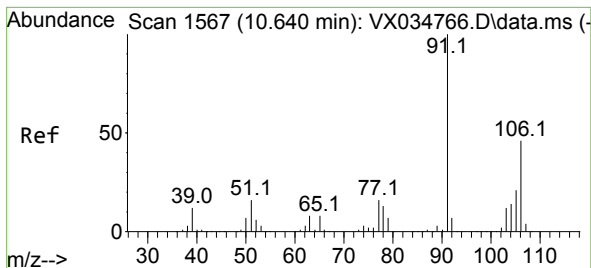
Tgt Ion: 91 Resp: 30965
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6



#67
m/p-Xylenes
Concen: 4.984 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 106 Resp: 23439
Ion Ratio Lower Upper
106 100
91 209.5 167.4 251.2





#68

o-Xylene

Concen: 2.400 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

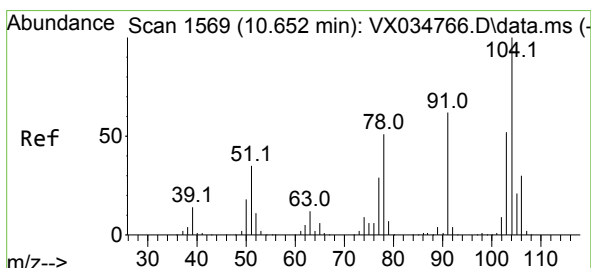
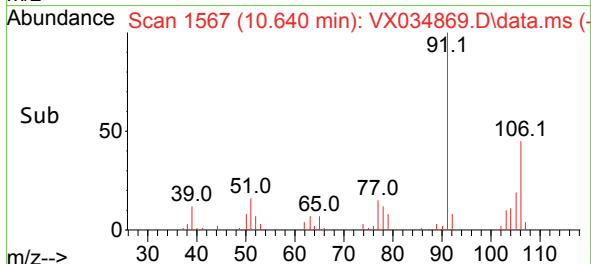
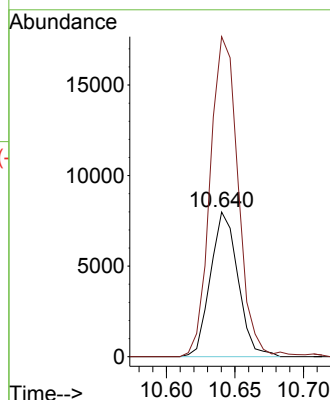
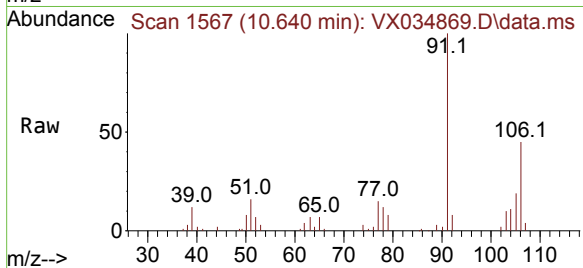
MDL-WATER-03-QT1-2023

Tgt Ion:106 Resp: 11162

Ion Ratio Lower Upper

106 100

91 223.3 108.9 326.8



#69

Styrene

Concen: 2.233 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.007 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

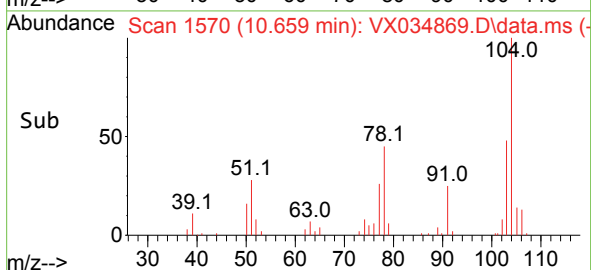
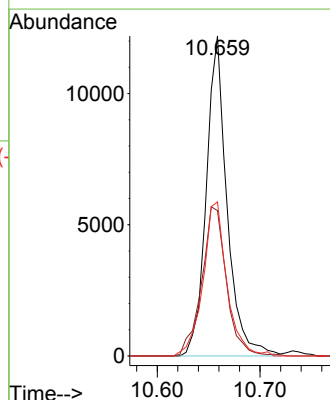
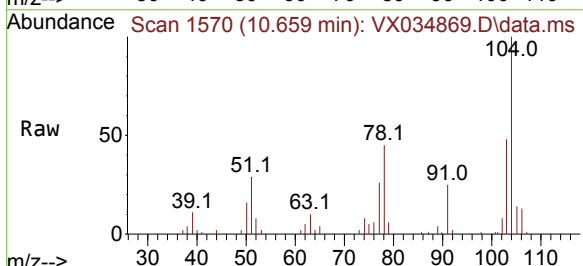
Tgt Ion:104 Resp: 17123

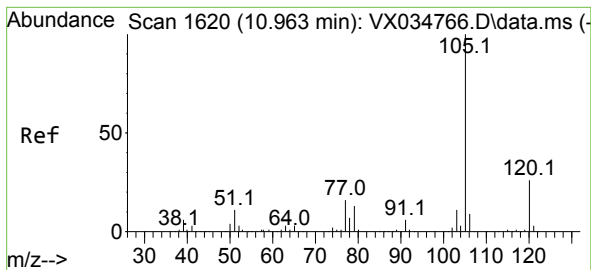
Ion Ratio Lower Upper

104 100

78 55.2 42.8 64.2

103 54.9 43.8 65.8





#70

Isopropylbenzene

Concen: 2.418 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

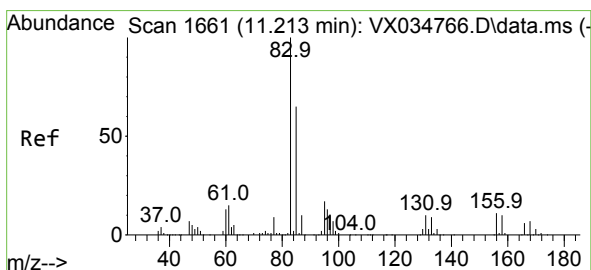
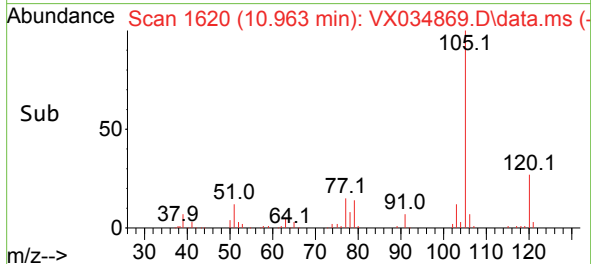
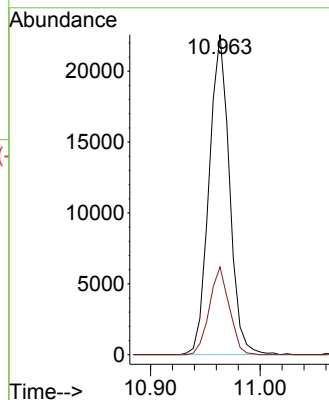
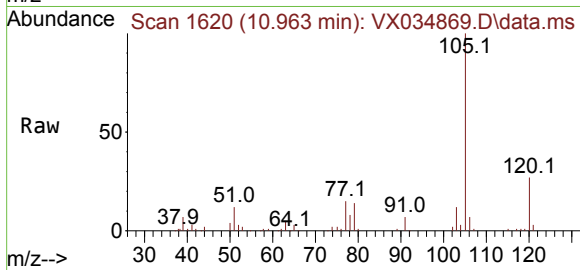
MDL-WATER-03-QT1-2023

Tgt Ion:105 Resp: 29109

Ion Ratio Lower Upper

105 100

120 26.7 18.5 34.3



#71

1,1,2,2-Tetrachloroethane

Concen: 2.430 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

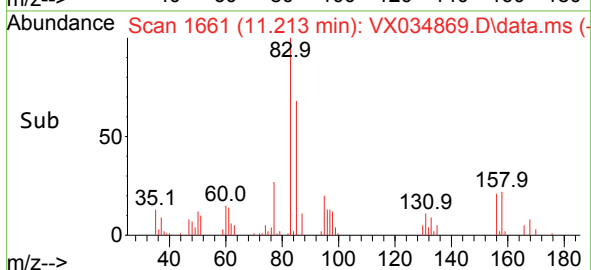
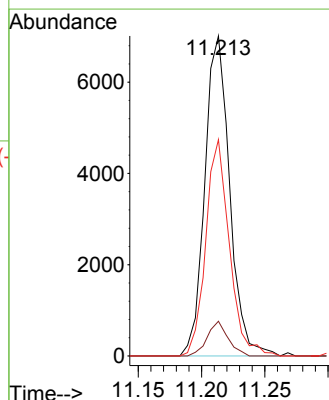
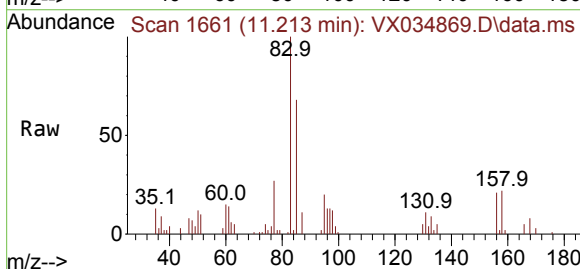
Tgt Ion: 83 Resp: 9614

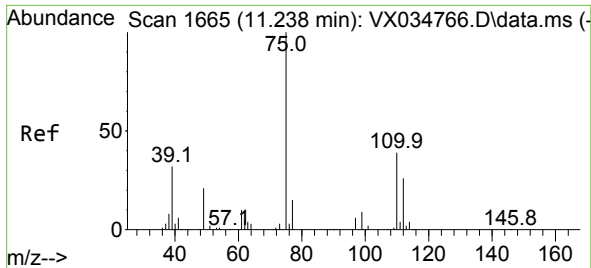
Ion Ratio Lower Upper

83 100

131 9.1 5.1 15.2

85 64.2 31.9 95.5

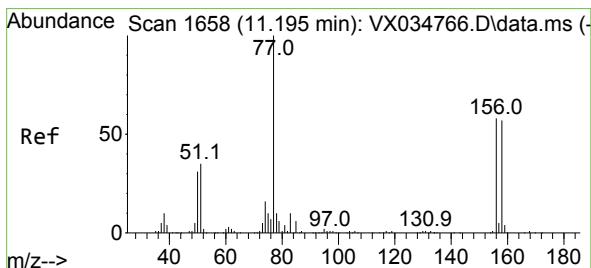
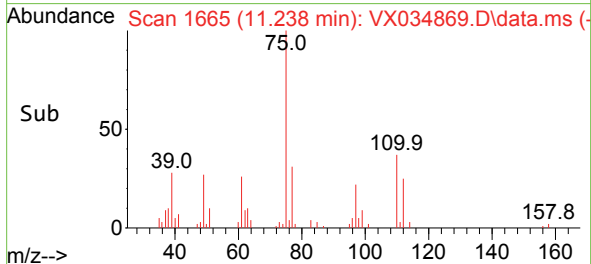
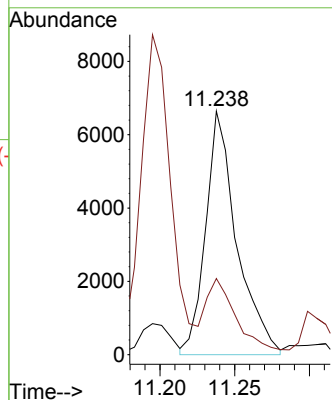
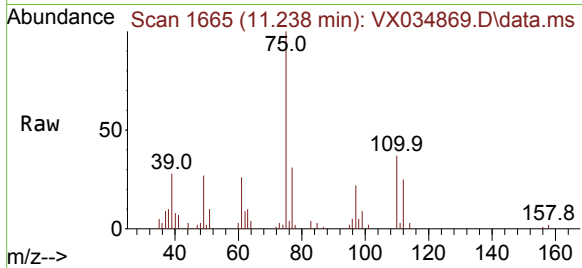




#72
1,2,3-Trichloropropane
Concen: 2.668 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

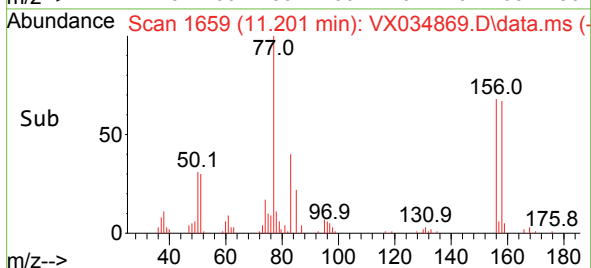
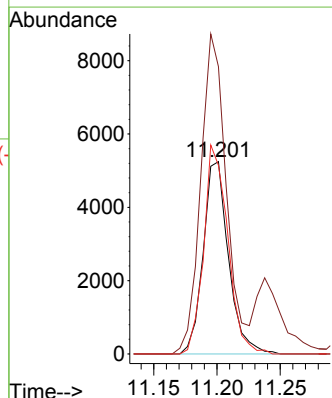
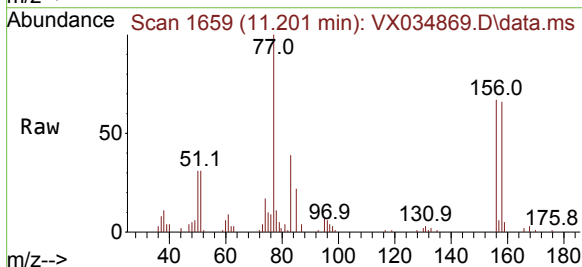
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

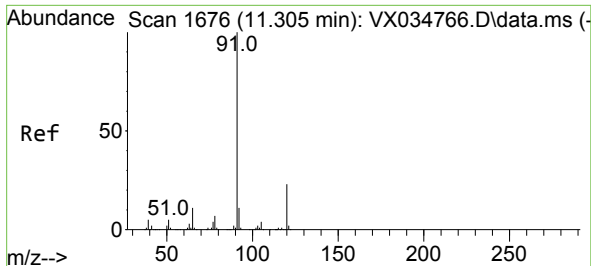
Tgt Ion: 75 Resp: 9610
Ion Ratio Lower Upper
75 100
77 31.4 0.0 73.8



#73
Bromobenzene
Concen: 2.531 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion:156 Resp: 7316
Ion Ratio Lower Upper
156 100
77 168.8 0.0 330.8
158 103.6 0.0 193.4

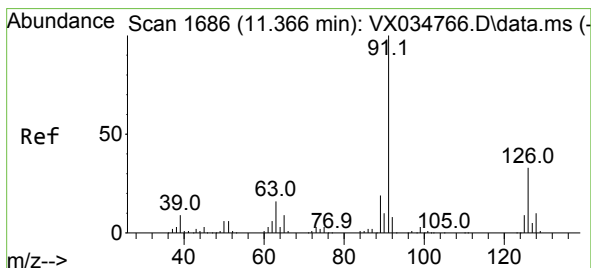
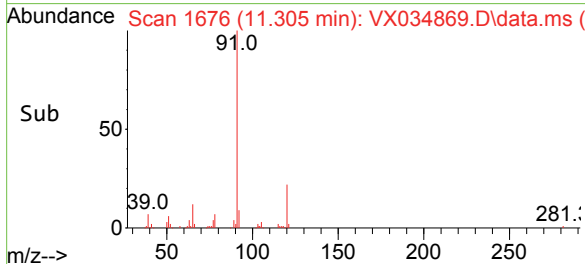
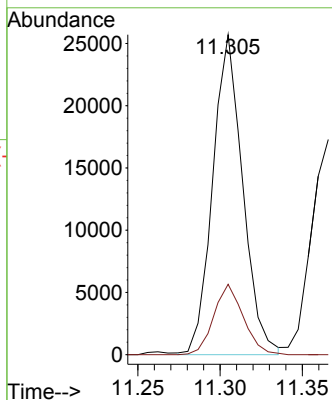
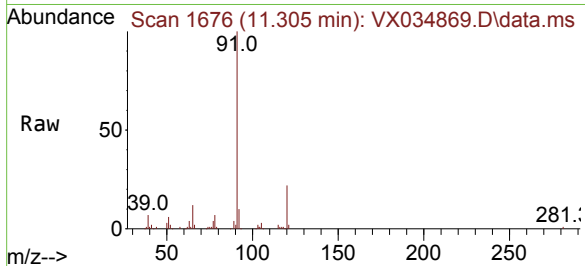




#74
n-propylbenzene
Concen: 2.326 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

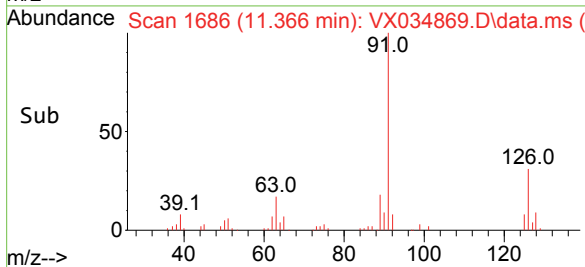
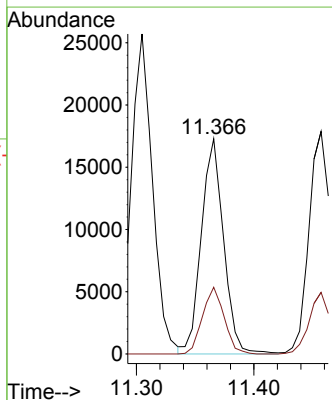
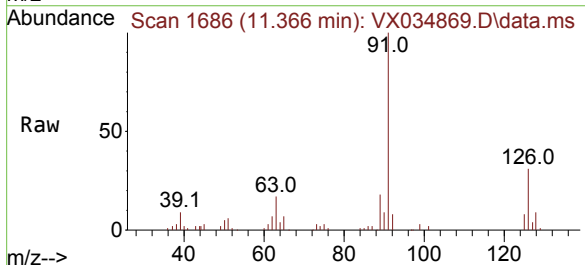
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

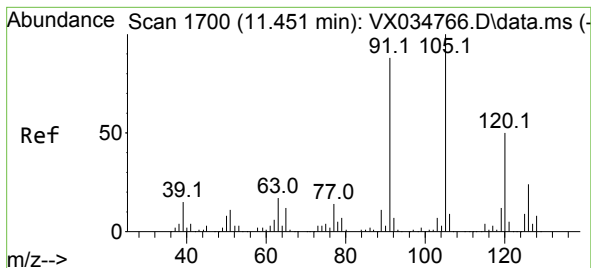
Tgt Ion: 91 Resp: 32594
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.8



#75
2-Chlorotoluene
Concen: 2.611 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 91 Resp: 22811
Ion Ratio Lower Upper
91 100
126 30.1 0.0 66.4





#76

1,3,5-Trimethylbenzene

Concen: 2.359 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

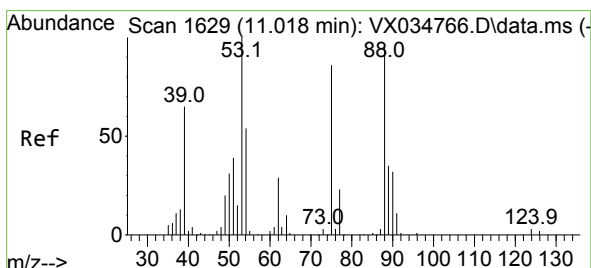
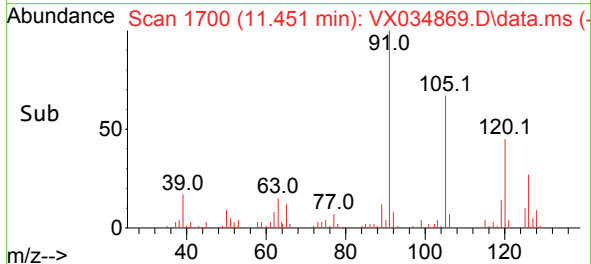
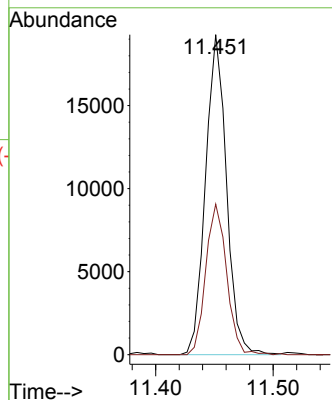
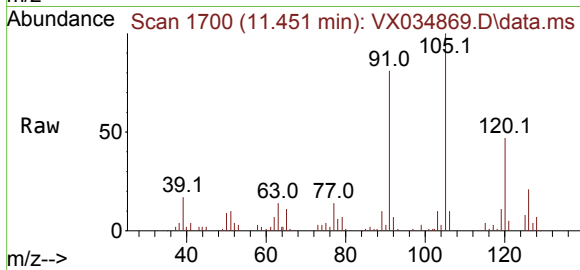
MDL-WATER-03-QT1-2023

Tgt Ion:105 Resp: 23899

Ion Ratio Lower Upper

105 100

120 46.2 0.0 96.4



#77

t-1,4-Dichloro-2-butene

Concen: 1.298 ug/l

RT: 11.024 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

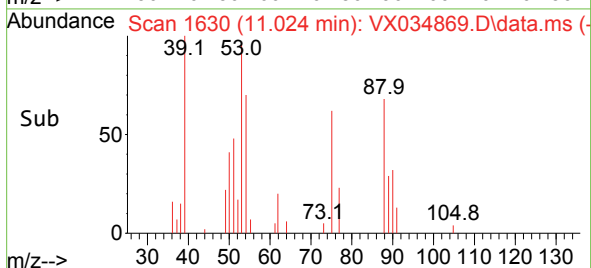
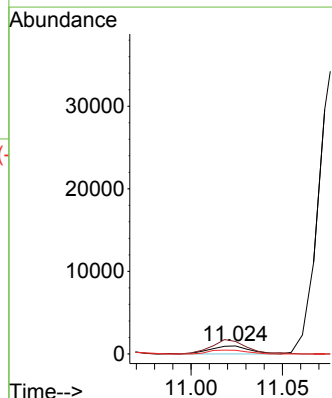
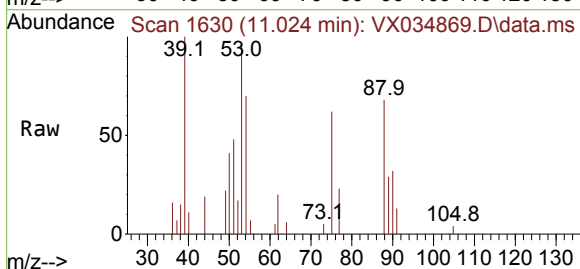
Tgt Ion: 75 Resp: 1436

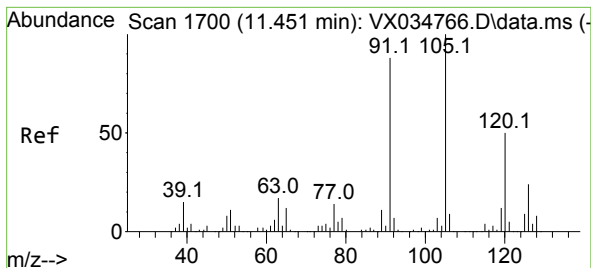
Ion Ratio Lower Upper

75 100

53 154.8 58.2 174.6

89 46.1 20.6 61.8





#78

4-Chlorotoluene

Concen: 2.419 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

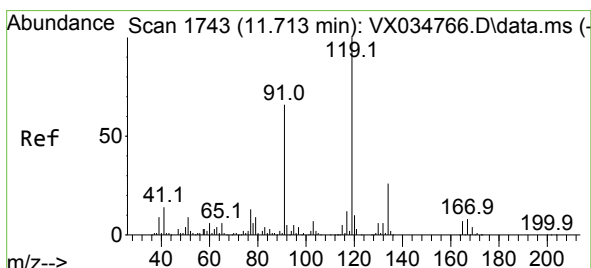
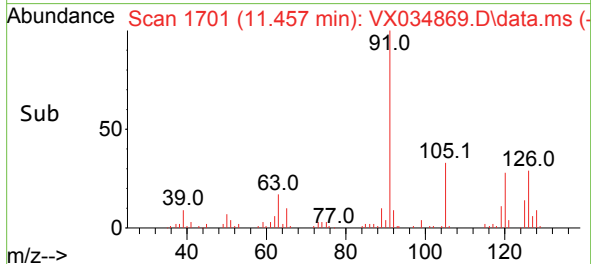
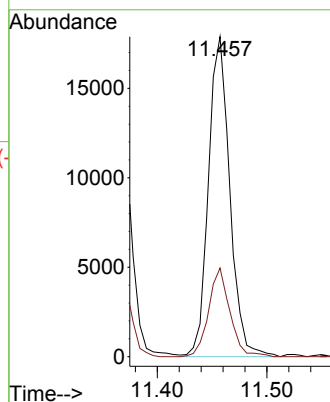
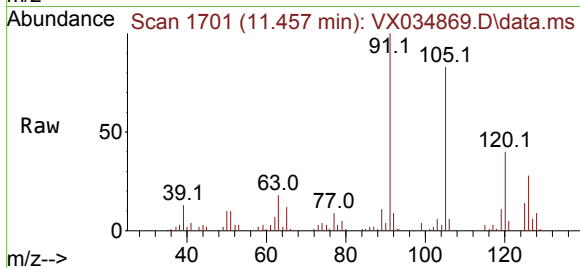
MDL-WATER-03-QT1-2023

Tgt Ion: 91 Resp: 24227

Ion Ratio Lower Upper

91 100

126 26.9 0.0 56.8



#79

tert-butylbenzene

Concen: 2.311 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

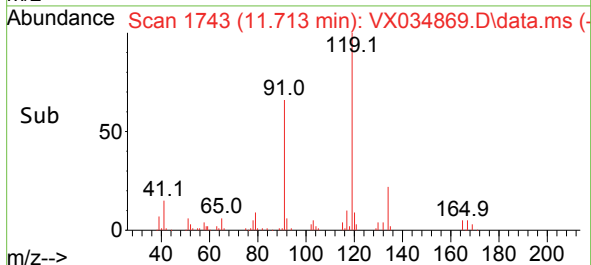
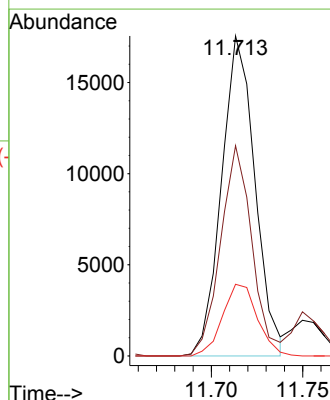
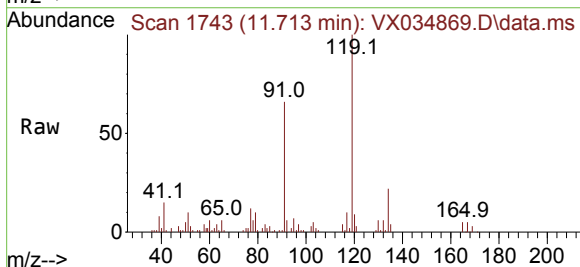
Tgt Ion: 119 Resp: 22355

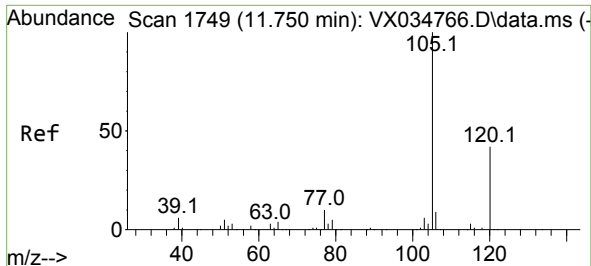
Ion Ratio Lower Upper

119 100

91 61.9 0.0 122.4

134 23.5 0.0 49.2

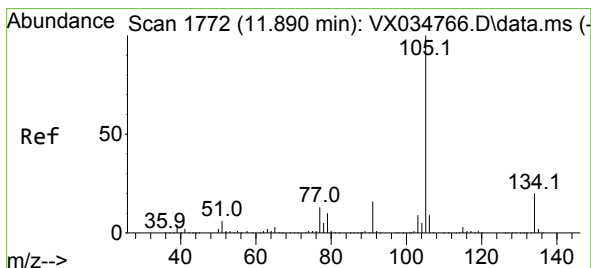
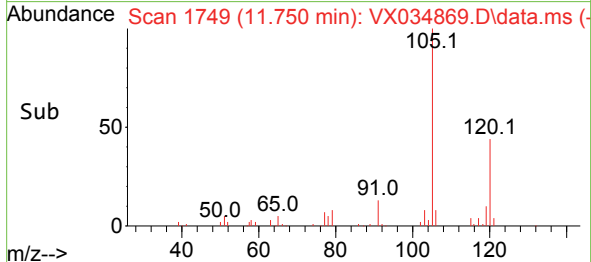
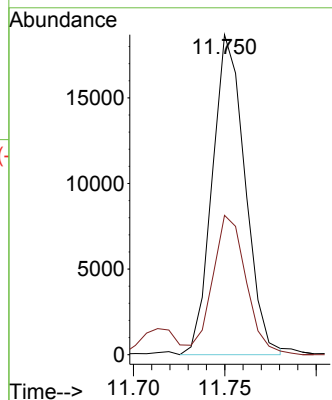
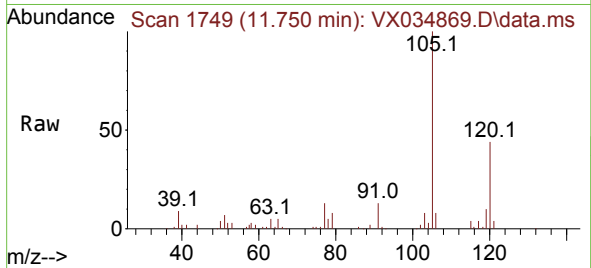




#80
1,2,4-Trimethylbenzene
Concen: 2.309 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

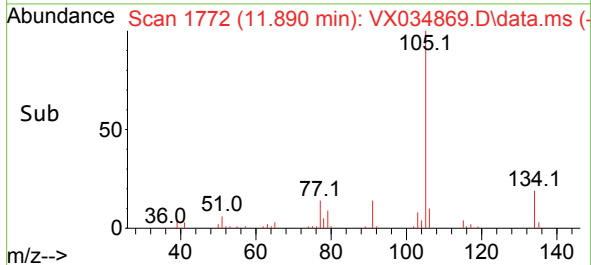
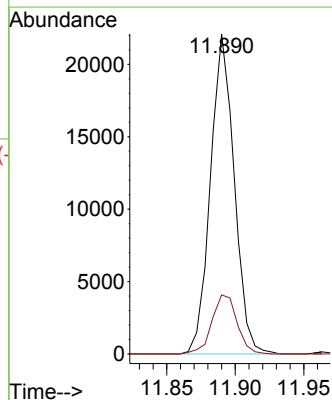
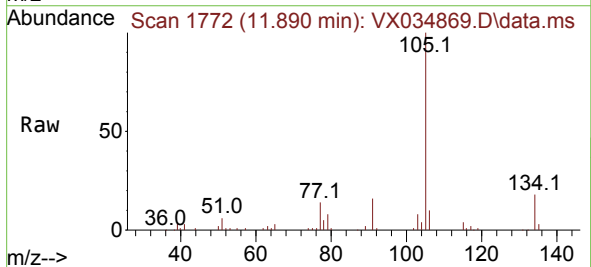
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

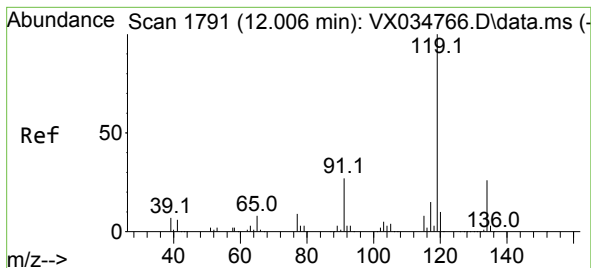
Tgt Ion:105 Resp: 23250
Ion Ratio Lower Upper
105 100
120 44.3 0.0 90.4



#81
sec-Butylbenzene
Concen: 2.278 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion:105 Resp: 26694
Ion Ratio Lower Upper
105 100
134 19.5 0.0 40.2





#82

p-Isopropyltoluene

Concen: 2.164 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

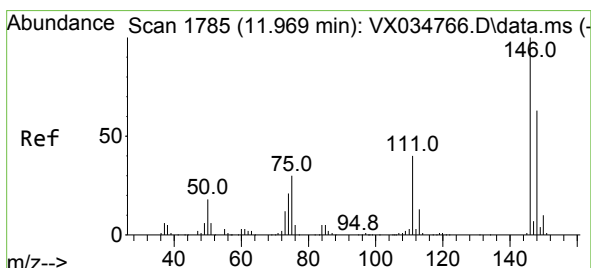
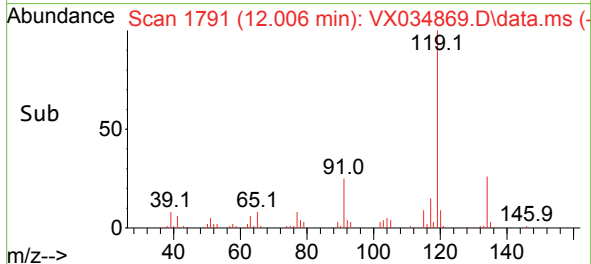
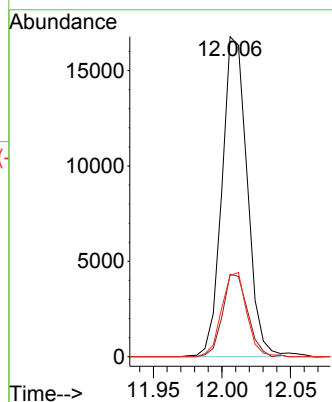
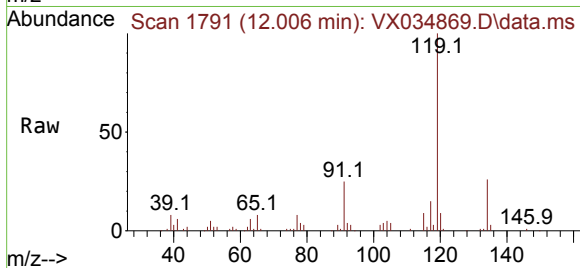
Tgt Ion:119 Resp: 21407

Ion Ratio Lower Upper

119 100

134 25.4 0.0 52.2

91 26.1 0.0 51.0



#83

1,3-Dichlorobenzene

Concen: 2.435 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

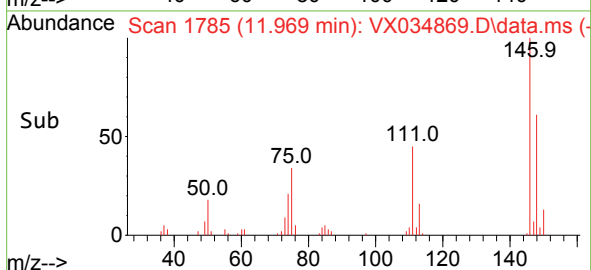
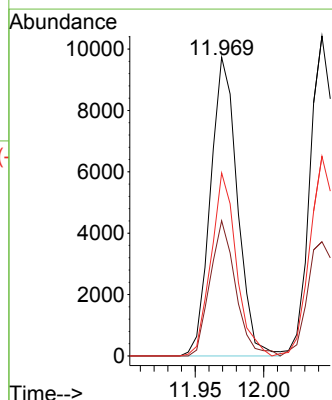
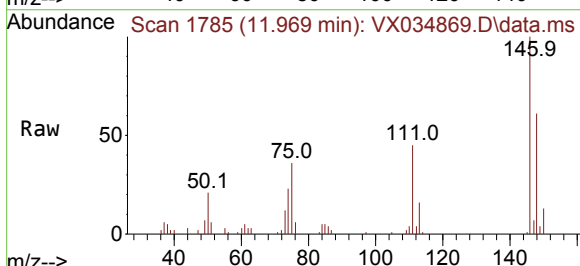
Tgt Ion:146 Resp: 13292

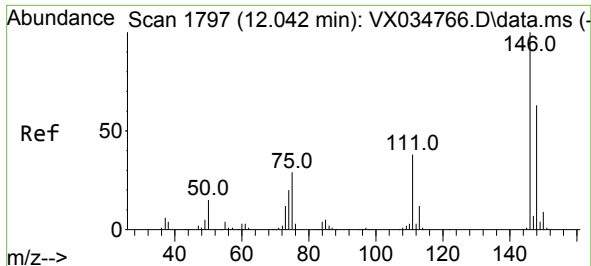
Ion Ratio Lower Upper

146 100

111 42.4 20.6 61.9

148 57.5 31.6 94.7

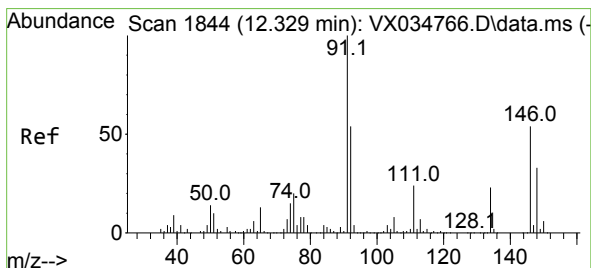
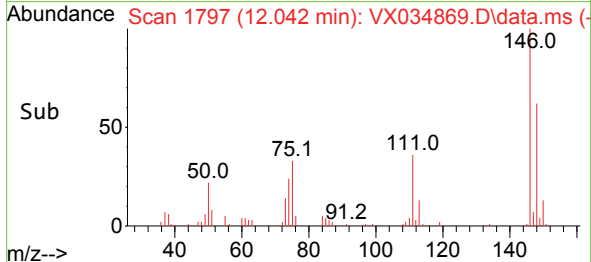
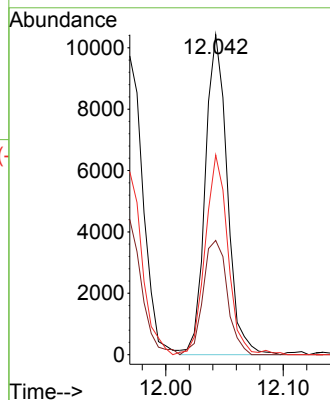
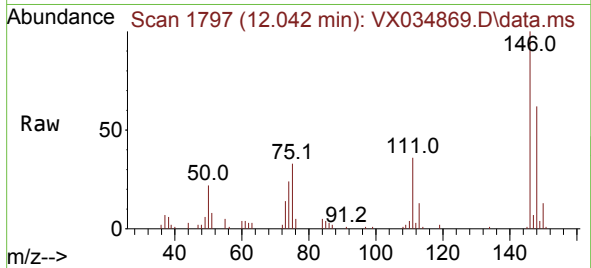




#84
1,4-Dichlorobenzene
Concen: 2.471 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

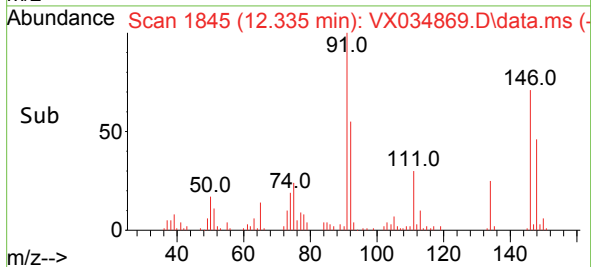
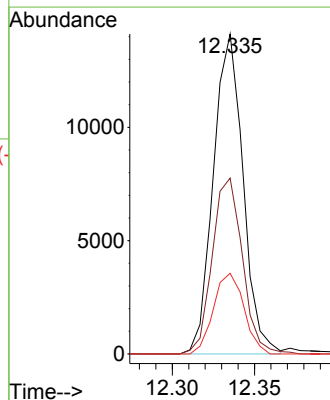
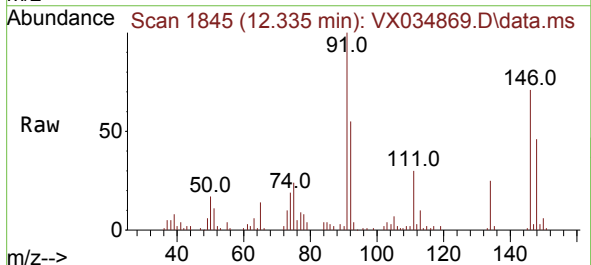
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

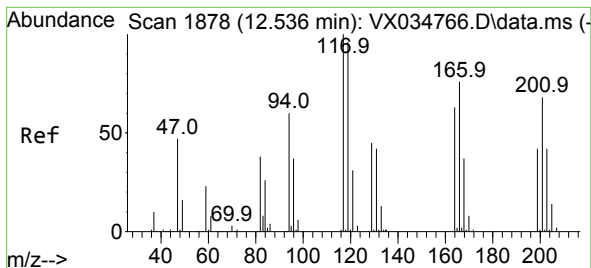
Tgt Ion:146	Resp:	13544
Ion	Ratio	Lower Upper
146	100	
111	39.3	20.3 60.9
148	63.8	31.8 95.3



#85
n-Butylbenzene
Concen: 2.079 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

Tgt Ion: 91	Resp:	17722
Ion	Ratio	Lower Upper
91	100	
92	55.9	0.0 107.6
134	25.9	0.0 49.8





#86

Hexachloroethane

Concen: 1.647 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

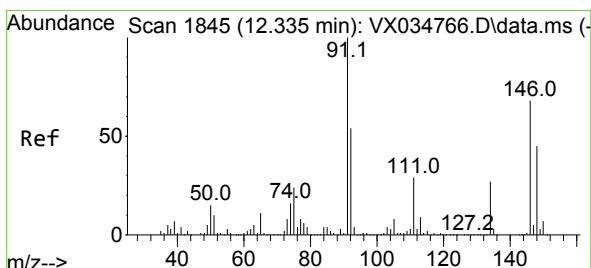
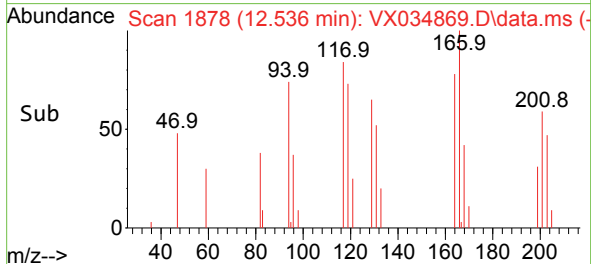
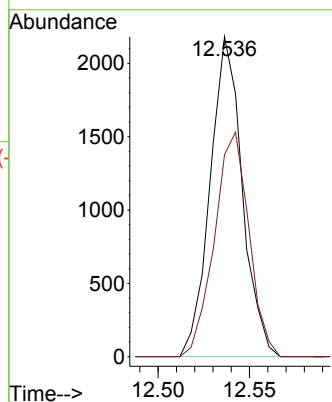
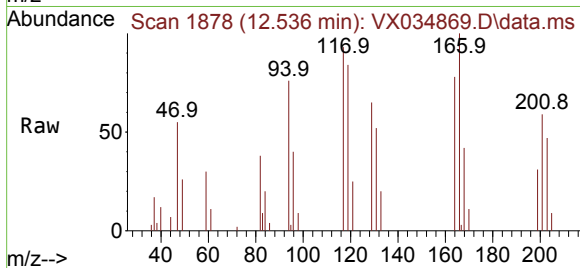
MDL-WATER-03-QT1-2023

Tgt Ion:117 Resp: 2668

Ion Ratio Lower Upper

117 100

201 75.4 35.4 106.2



#87

1,2-Dichlorobenzene

Concen: 2.424 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

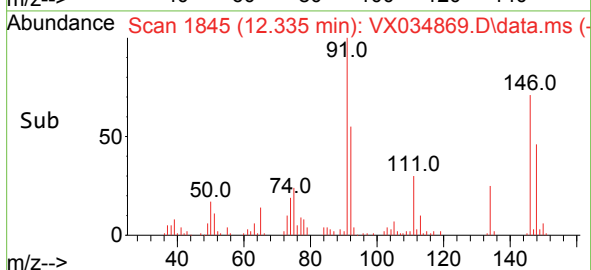
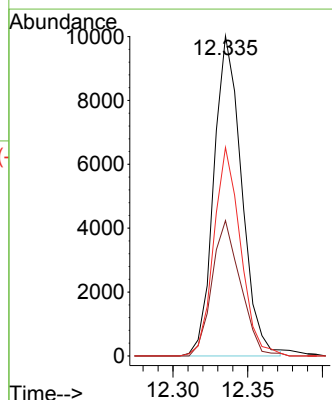
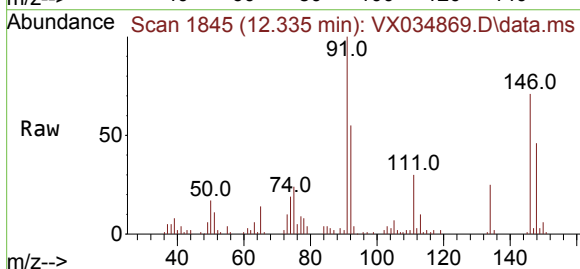
Tgt Ion:146 Resp: 12949

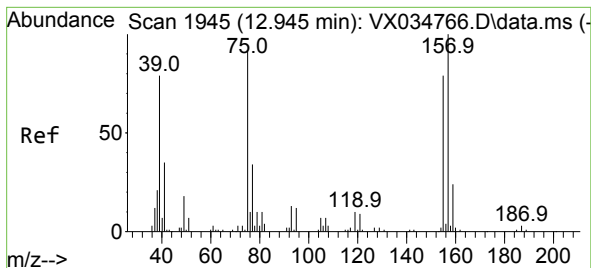
Ion Ratio Lower Upper

146 100

111 43.0 21.3 64.0

148 62.7 31.7 95.1





#88

1,2-Dibromo-3-Chloropropane

Concen: 1.610 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

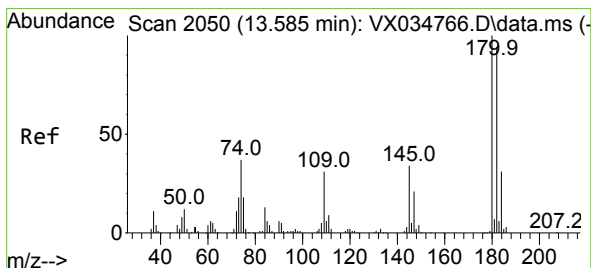
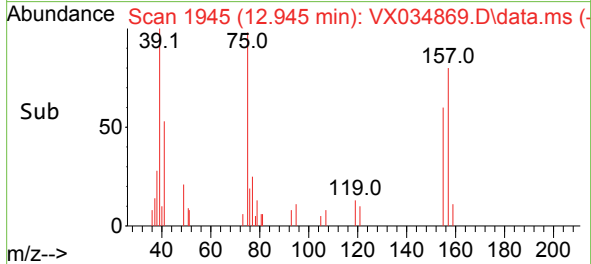
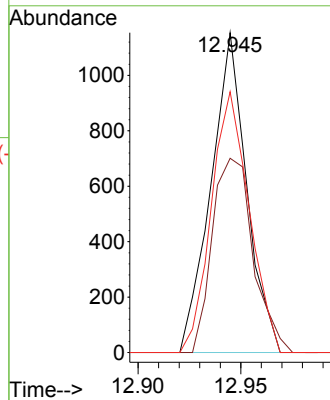
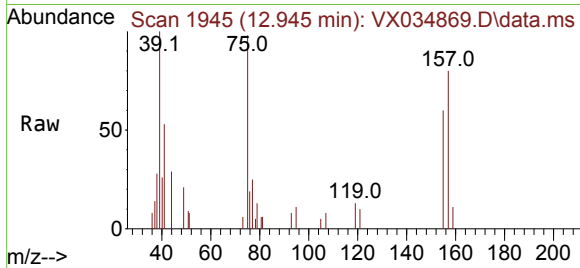
Tgt Ion: 75 Resp: 1392

Ion Ratio Lower Upper

75 100

155 69.6 63.7 95.5

157 86.6 83.7 125.5



#89

1,2,4-Trichlorobenzene

Concen: 2.177 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034869.D

Acq: 31 Mar 2023 11:36

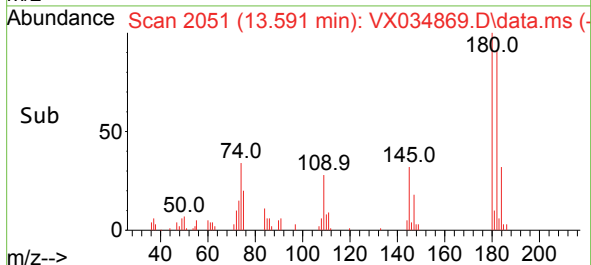
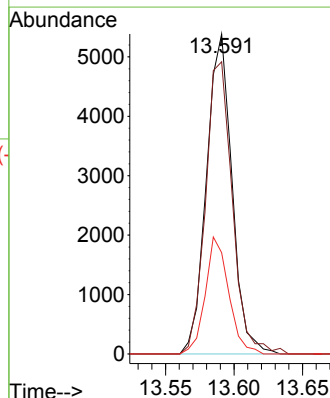
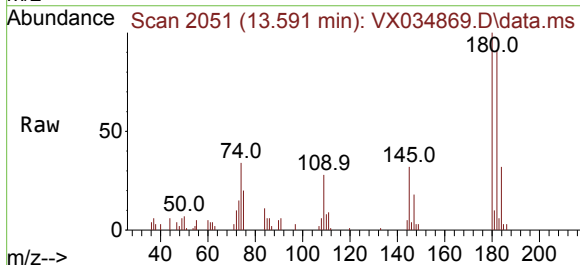
Tgt Ion: 180 Resp: 6976

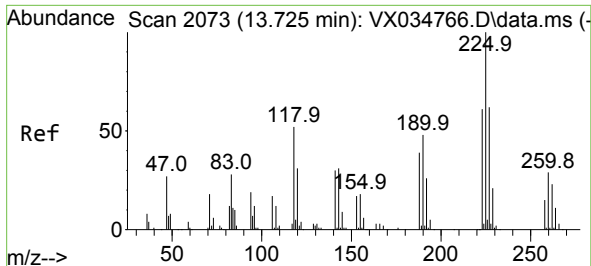
Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.8

145 33.5 25.8 38.6

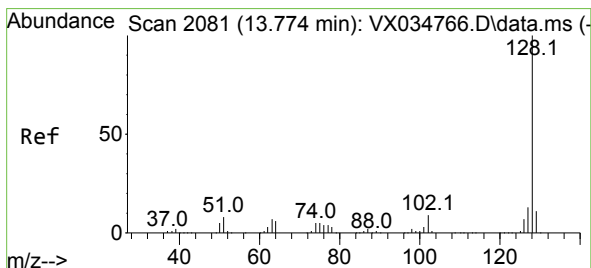
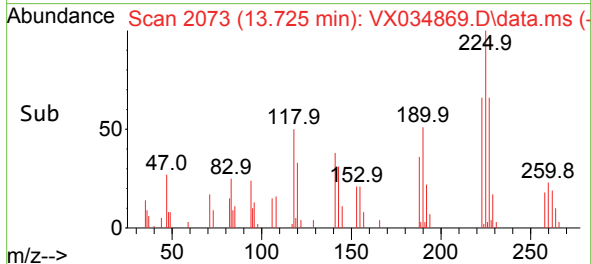
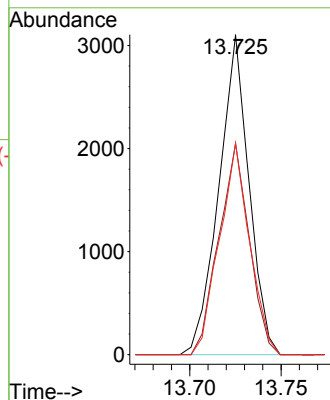
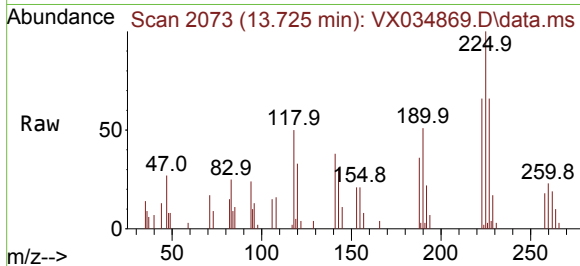




#90
Hexachlorobutadiene
Concen: 2.886 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

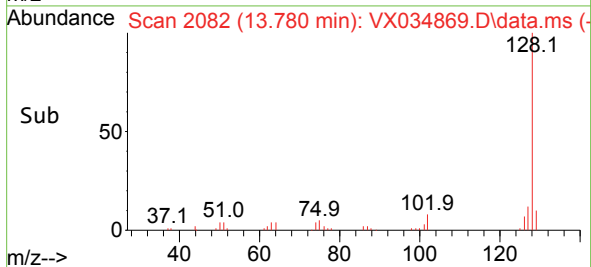
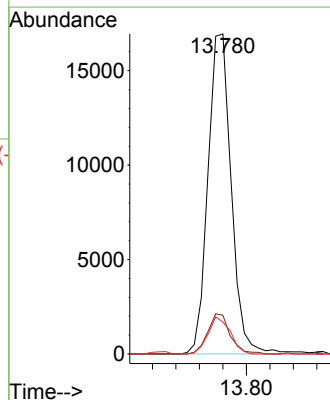
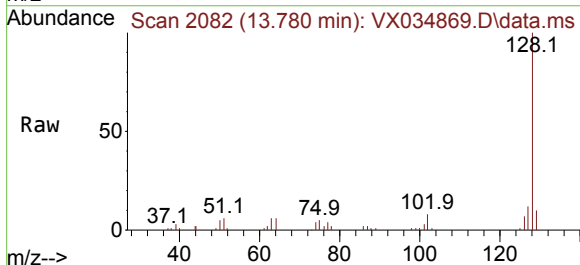
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

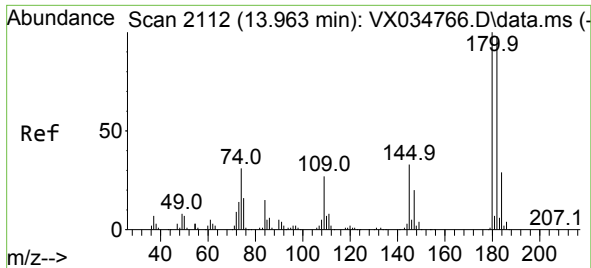
Tgt Ion:225 Resp: 3567
Ion Ratio Lower Upper
225 100
223 66.8 0.0 124.2
227 66.1 0.0 122.8



#91
Naphthalene
Concen: 2.054 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034869.D
Acq: 31 Mar 2023 11:36

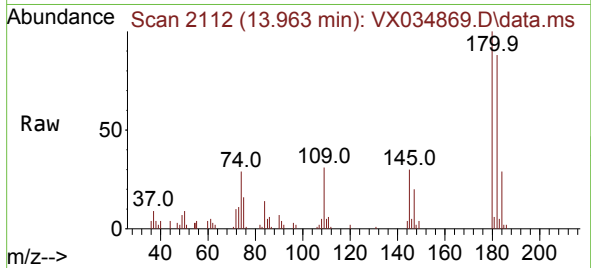
Tgt Ion:128 Resp: 23258
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 11.0 8.8 13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 2.276 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX034869.D
 Acq: 31 Mar 2023 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023



Tgt Ion:	180	Resp:	7291
Ion	Ratio	Lower	Upper
180	100		
182	91.8	0.0	191.0
145	33.8	0.0	66.8

