

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034965.D
 Acq On : 07 Apr 2023 12:25
 Operator : JC/MD
 Sample : 02213-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Quant Time: Apr 07 23:58:20 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	4.897	128	30322	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	188932	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	201805	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	83178	28.550	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.167%
60) 4-Bromofluorobenzene	11.079	95	119374	29.604	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.667%
63) Toluene-d8	8.647	98	205769	30.004	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6317	2.197	ug/l	95
3) Chloromethane	1.294	50	8904	2.388	ug/l	97
4) Vinyl Chloride	1.374	62	8399	2.283	ug/l	98
5) Bromomethane	1.618	94	5429	2.243	ug/l	98
6) Chloroethane	1.691	64	5200	2.172	ug/l	99
7) Trichlorofluoromethane	1.886	101	12614	2.152	ug/l	99
8) Diethyl Ether	2.130	74	4659	2.208	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	7247	2.437	ug/l	94
10) 1,1-Dichloroethene	2.319	96	6700	2.226	ug/l	93
11) Methyl Iodide	2.453	142	5859	1.529	ug/l	96
12) Methyl Acetate	2.703	43	15531	2.330	ug/l	99
13) Acrolein	2.239	56	8371	10.830	ug/l	96
14) Acrylonitrile	3.068	53	20647	11.250	ug/l	98
15) Acetone	2.392	58	6746	13.539	ug/l	100
16) Carbon Disulfide	2.514	76	15034	1.953	ug/l	98
17) Allyl chloride	2.660	41	13231	2.272	ug/l	90
18) Methylene Chloride	2.788	84	8639	2.437	ug/l	92
19) trans-1,2-Dichloroethene	3.093	96	7425	2.254	ug/l	93
20) Diisopropyl ether	3.757	45	26726	2.240	ug/l	88
21) 1,1-Dichloroethane	3.611	63	13923	2.182	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	8408	2.192	ug/l	96
23) tert-Butyl Alcohol	2.989	59	5352	6.481	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	25352	2.267	ug/l	95
25) Chloroform	5.093	83	14709	2.267	ug/l	93
26) Cyclohexane	5.477	56	12689	2.270	ug/l #	57
29) 1,1-Dichloropropene	5.696	75	10868	2.501	ug/l	83
30) 2-Butanone	4.568	43	30679	12.660	ug/l	99
31) 2,2-Dichloropropane	4.477	77	10318	2.341	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	7081	1.389	ug/l #	83
33) Carbon Tetrachloride	5.672	117	9963	2.368	ug/l	96
34) Benzene	6.037	78	30484	2.414	ug/l #	95
35) Methacrylonitrile	4.916	41	3138	1.183	ug/l	93
36) 1,2-Dichloroethane	6.092	62	12698	2.565	ug/l	98
37) Trichloroethene	7.129	130	8359	2.601	ug/l	93
38) Methylcyclohexane	7.385	83	11898	2.506	ug/l	99
39) 1,2-Dichloropropane	7.434	63	7890	2.404	ug/l	98
40) Dibromomethane	7.586	93	5194	2.303	ug/l	97
41) Bromodichloromethane	7.824	83	9302	2.190	ug/l	97
42) Vinyl Acetate	3.721	43	84820	10.729	ug/l	98

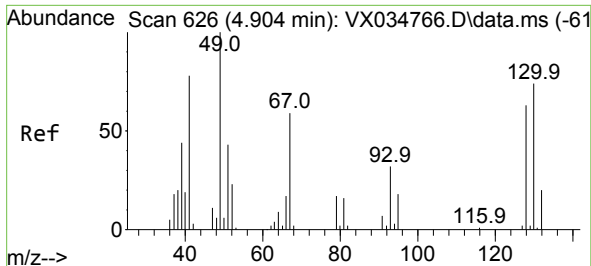
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	12079	2.570	ug/l	99
44) Isopropyl Acetate	6.342	43	18161	2.283	ug/l	94
45) 1,4-Dioxane	7.690	88	1386	17.583	ug/l #	1
46) Methyl methacrylate	7.696	41	8799	2.270	ug/l	94
47) n-amyl Acetate	10.848	43	11467	1.658	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	8074	1.745	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	10012	1.969	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	7950	2.531	ug/l	96
51) Ethyl methacrylate	9.116	69	10542	2.068	ug/l	93
52) 1,3-Dichloropropane	9.311	76	13845	2.495	ug/l	100
53) Dibromochloromethane	9.519	129	6058	1.949	ug/l	99
54) 1,2-Dibromoethane	9.610	107	7590	2.259	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	29282	10.914	ug/l	99
56) Bromoform	10.799	173	3500	1.633	ug/l	92
58) 4-Methyl-2-Pentanone	8.574	43	57236	12.370	ug/l	99
59) 2-Hexanone	9.433	43	41998	12.056	ug/l	95
61) Tetrachloroethene	9.275	164	7633	2.807	ug/l	96
62) Toluene	8.720	91	33048	2.504	ug/l	100
64) Chlorobenzene	10.079	112	20310	2.499	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	5892	2.028	ug/l	93
66) Ethyl Benzene	10.195	91	36073	2.454	ug/l	99
67) m/p-Xylenes	10.299	106	27251	4.873	ug/l	100
68) o-Xylene	10.646	106	13074	2.364	ug/l	97
69) Styrene	10.659	104	19736	2.165	ug/l	96
70) Isopropylbenzene	10.963	105	33257	2.324	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	10971	2.332	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	11460	2.676	ug/l	96
73) Bromobenzene	11.195	156	8432	2.453	ug/l	95
74) n-propylbenzene	11.305	91	37827	2.270	ug/l	98
75) 2-Chlorotoluene	11.366	91	25185	2.425	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	28197	2.340	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	1827	1.389	ug/l #	57
78) 4-Chlorotoluene	11.457	91	28399	2.385	ug/l	98
79) tert-butylbenzene	11.713	119	26537	2.307	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	27398	2.288	ug/l	98
81) sec-Butylbenzene	11.890	105	30856	2.214	ug/l	100
82) p-Isopropyltoluene	12.006	119	24523	2.085	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	14572	2.245	ug/l	92
84) 1,4-Dichlorobenzene	12.043	146	15419	2.365	ug/l	100
85) n-Butylbenzene	12.335	91	20542	2.027	ug/l	98
86) Hexachloroethane	12.536	117	3449	1.791	ug/l	87
87) 1,2-Dichlorobenzene	12.335	146	15112	2.379	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1929	1.876	ug/l	84
89) 1,2,4-Trichlorobenzene	13.585	180	8039	2.110	ug/l	97
90) Hexachlorobutadiene	13.725	225	4119	2.803	ug/l	95
91) Naphthalene	13.774	128	27238	2.023	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	8182	2.148	ug/l	96

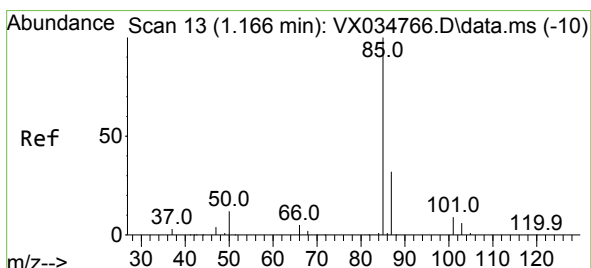
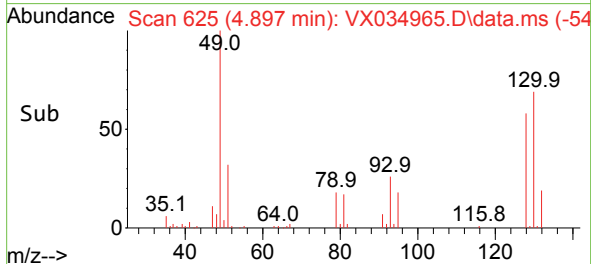
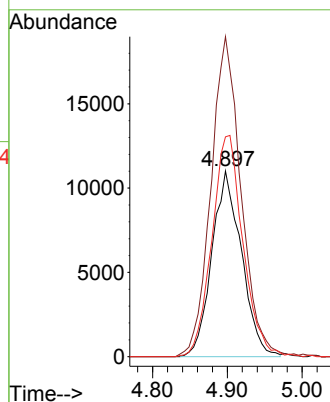
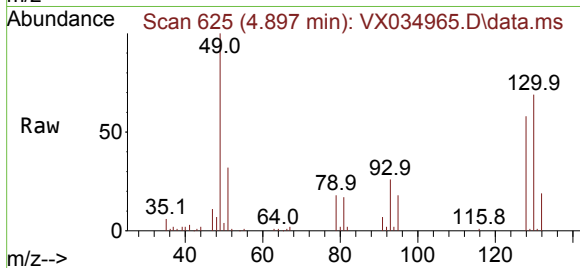
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX034965.D
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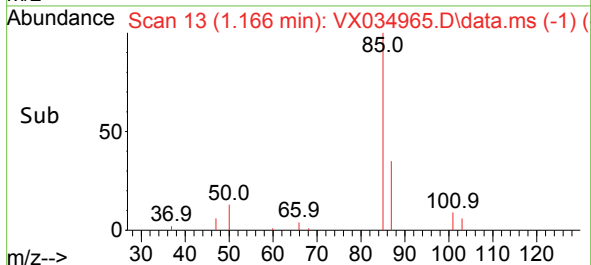
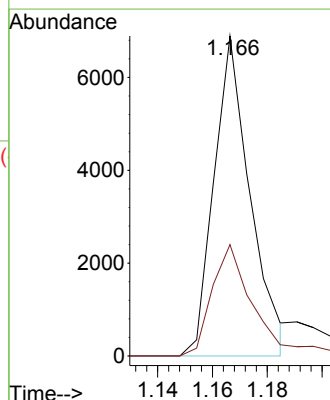
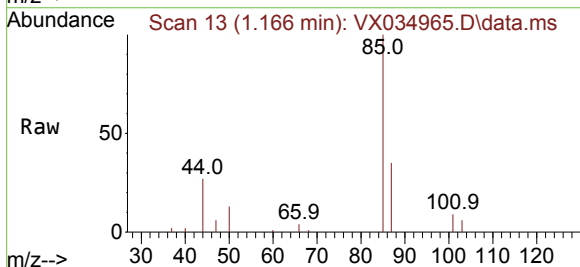
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

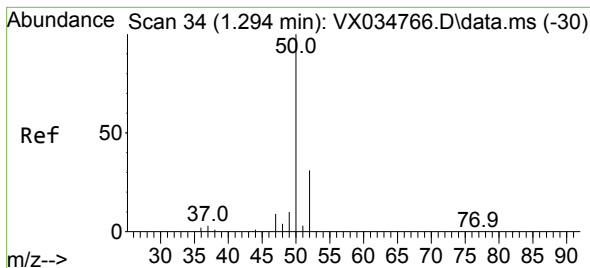
Tgt Ion:128 Resp: 30322
Ion Ratio Lower Upper
128 100
49 175.1 0.0 428.8
130 124.8 0.0 310.8



#2
Dichlorodifluoromethane
Concen: 2.197 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 85 Resp: 6317
Ion Ratio Lower Upper
85 100
87 34.8 16.0 48.0





#3

Chloromethane

Concen: 2.388 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

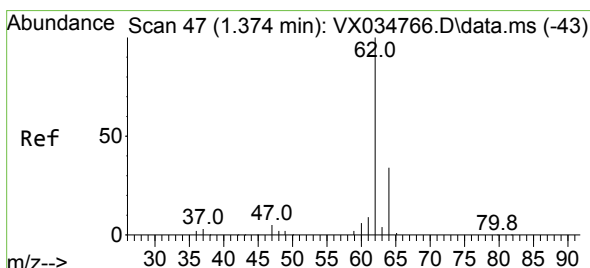
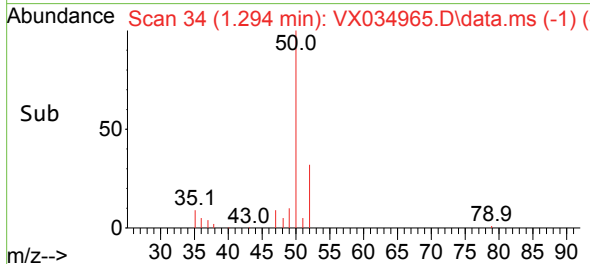
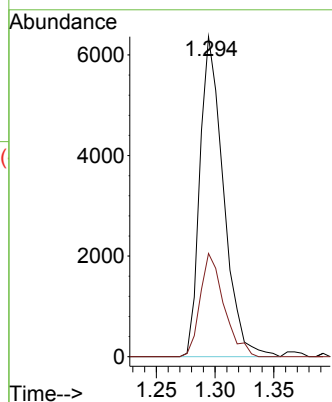
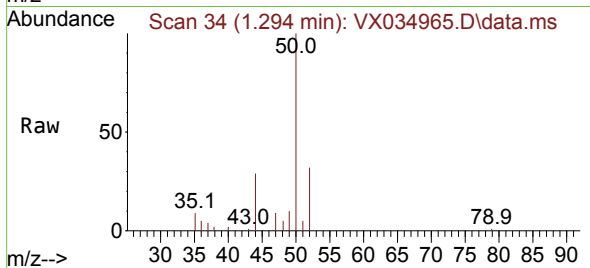
MDL-WATER-03-QT2-2023

Tgt Ion: 50 Resp: 8904

Ion Ratio Lower Upper

50 100

52 32.3 24.6 36.8



#4

Vinyl Chloride

Concen: 2.283 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034965.D

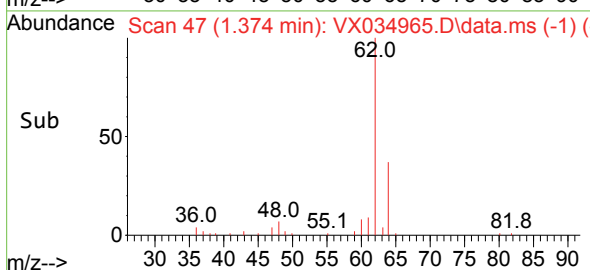
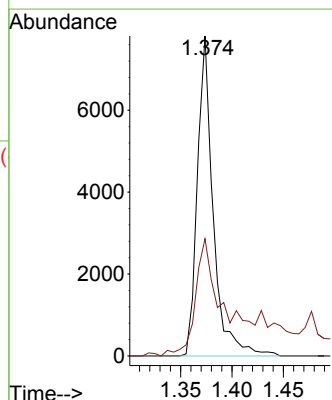
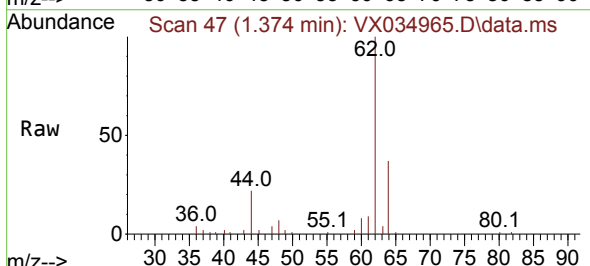
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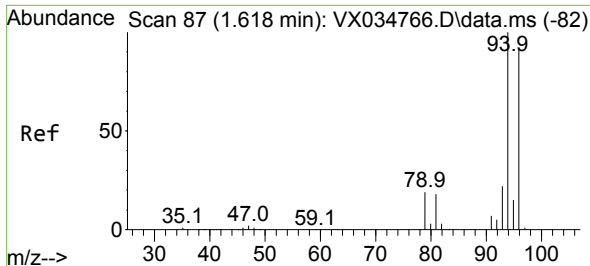
Tgt Ion: 62 Resp: 8399

Ion Ratio Lower Upper

62 100

64 34.6 26.9 40.3

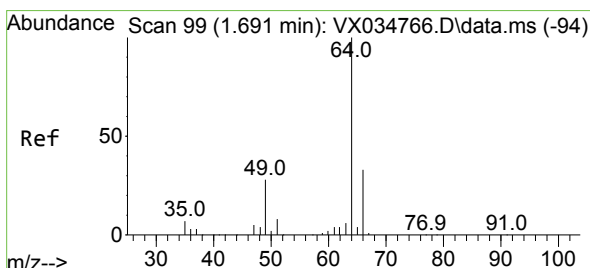
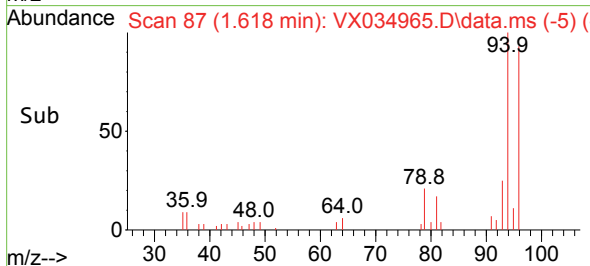
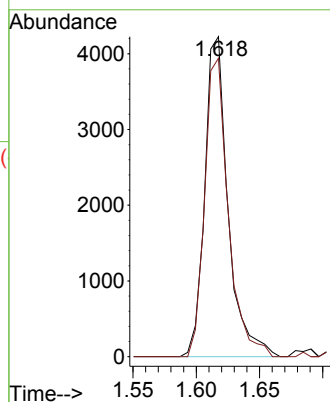
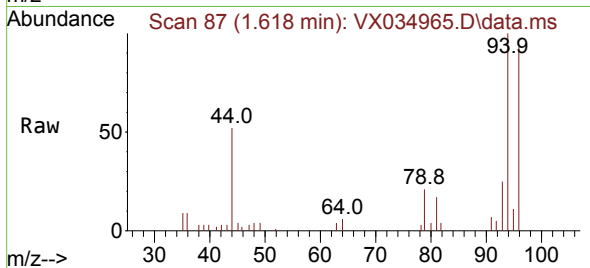




#5
Bromomethane
Concen: 2.243 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

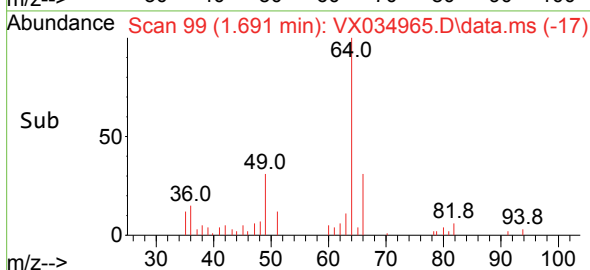
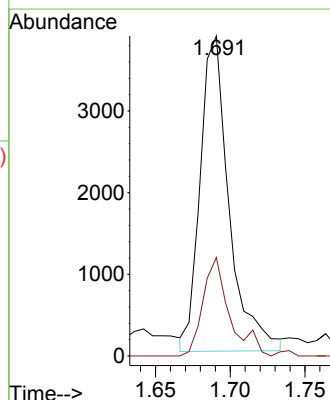
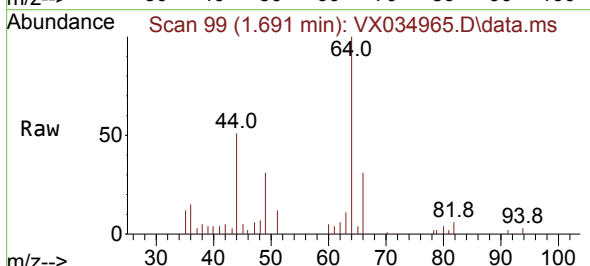
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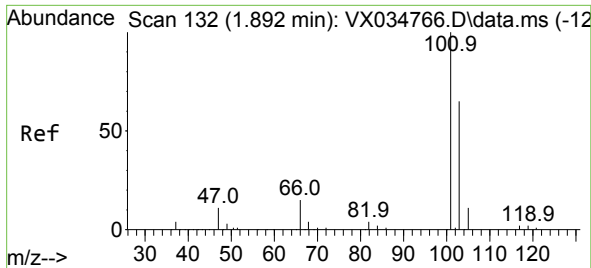
Tgt Ion: 94 Resp: 5429
Ion Ratio Lower Upper
94 100
96 93.2 73.4 110.0



#6
Chloroethane
Concen: 2.172 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 64 Resp: 5200
Ion Ratio Lower Upper
64 100
66 32.5 26.6 40.0

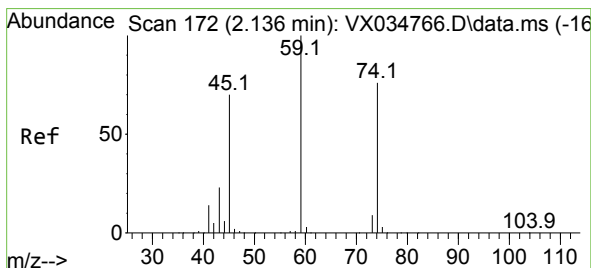
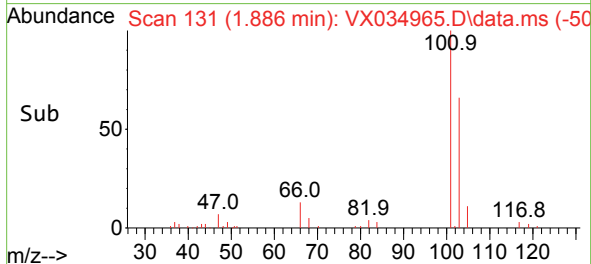
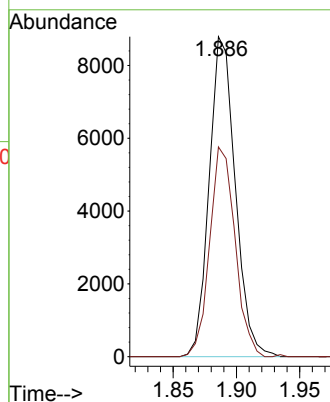
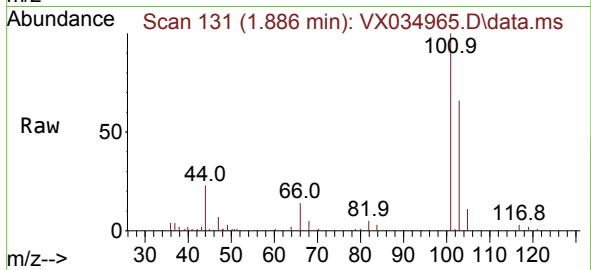




#7
Trichlorofluoromethane
Concen: 2.152 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

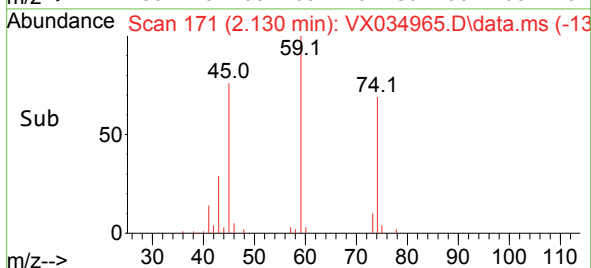
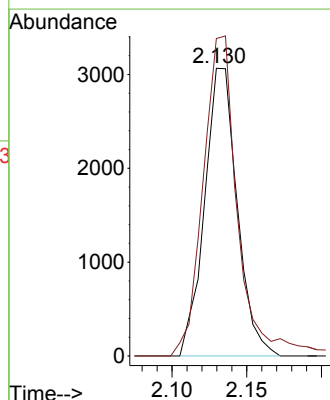
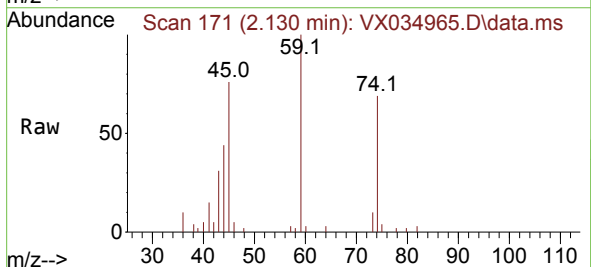
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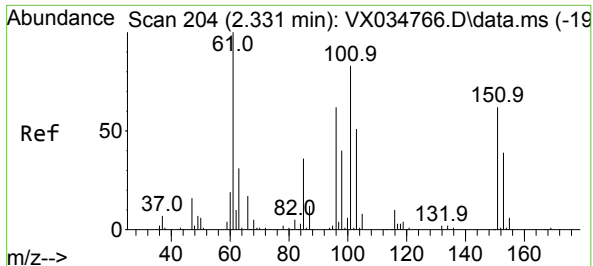
Tgt Ion:101 Resp: 12614
Ion Ratio Lower Upper
101 100
103 65.5 52.1 78.1



#8
Diethyl Ether
Concen: 2.208 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 74 Resp: 4659
Ion Ratio Lower Upper
74 100
45 117.6 20.5 184.5

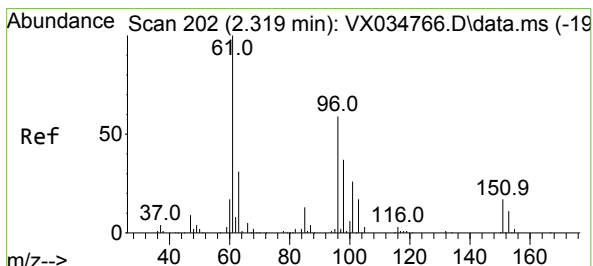
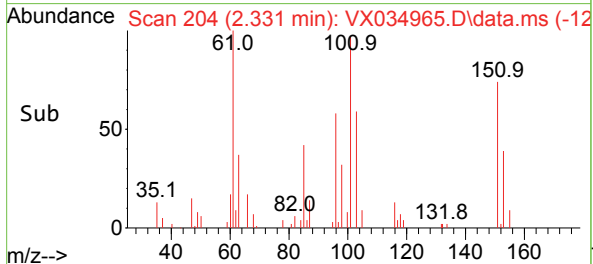
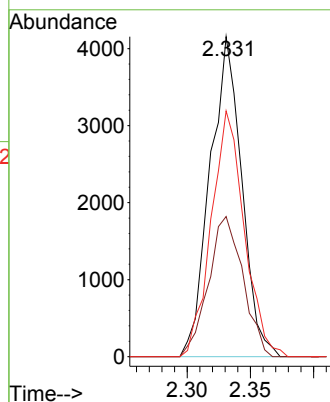
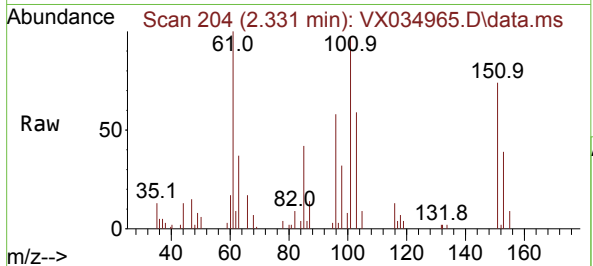




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.437 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

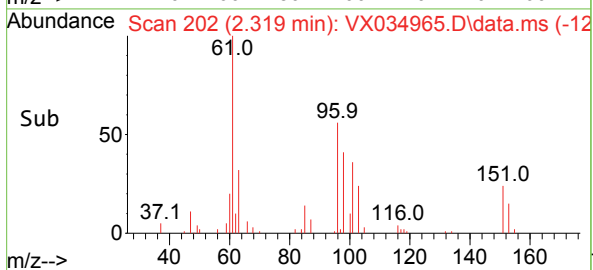
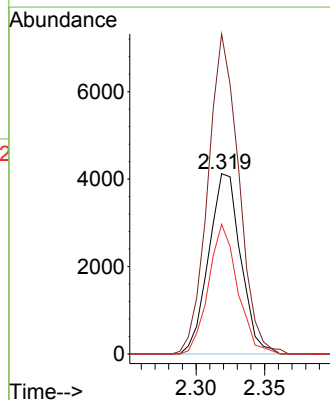
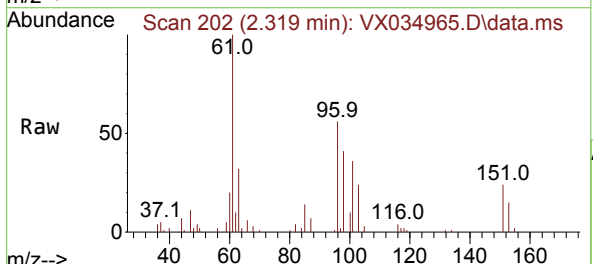
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023

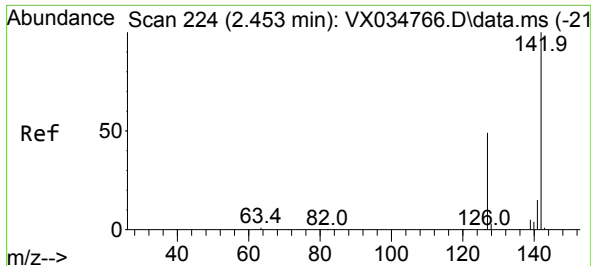
Tgt Ion:101 Resp: 7247
Ion Ratio Lower Upper
101 100
85 47.6 0.0 88.8
151 79.9 0.0 147.6



#10
1,1-Dichloroethene
Concen: 2.226 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

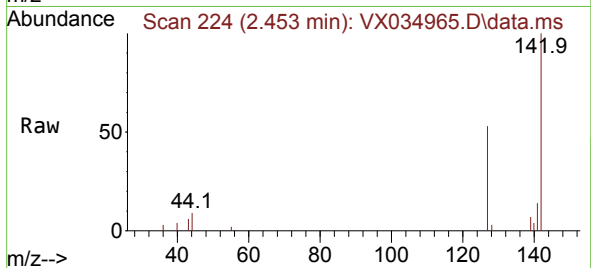
Tgt Ion: 96 Resp: 6700
Ion Ratio Lower Upper
96 100
61 176.1 135.8 203.6
98 71.9 49.8 74.6



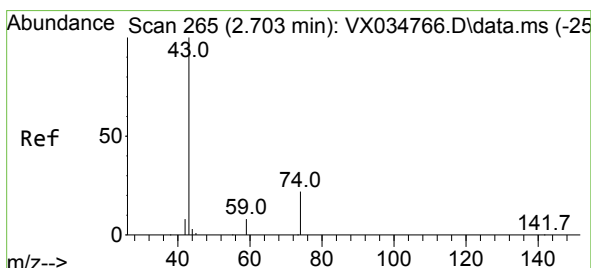
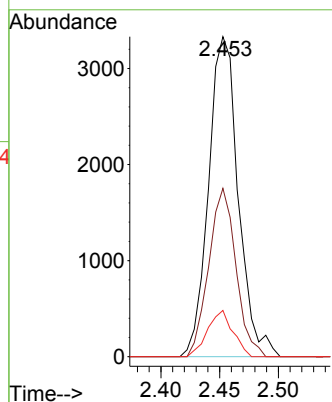
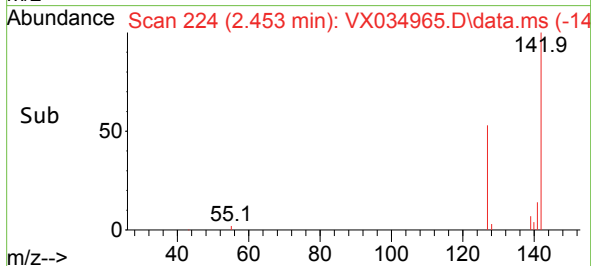


#11
Methyl Iodide
Concen: 1.529 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

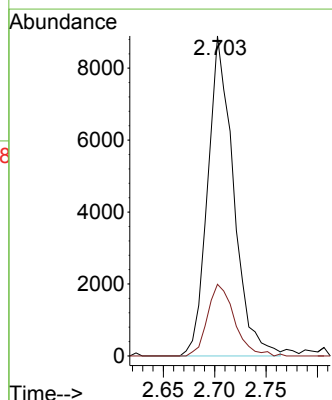
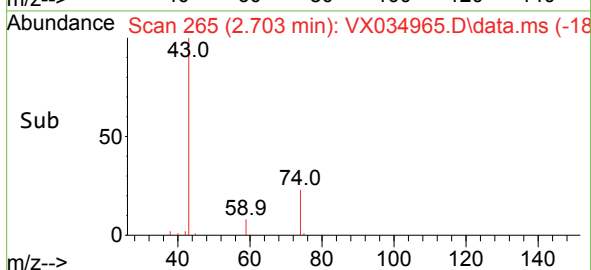
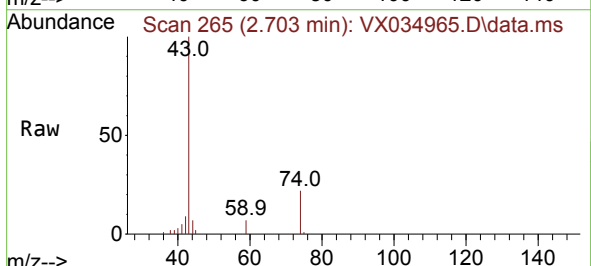


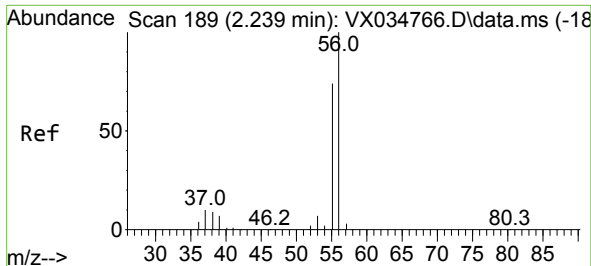
Tgt Ion:142 Resp: 5859
Ion Ratio Lower Upper
142 100
127 52.6 24.5 73.5
141 14.5 7.6 22.8



#12
Methyl Acetate
Concen: 2.330 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 43 Resp: 15531
Ion Ratio Lower Upper
43 100
74 22.2 18.0 27.0





#13

Acrolein

Concen: 10.830 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

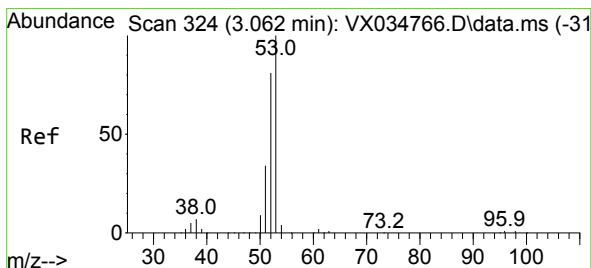
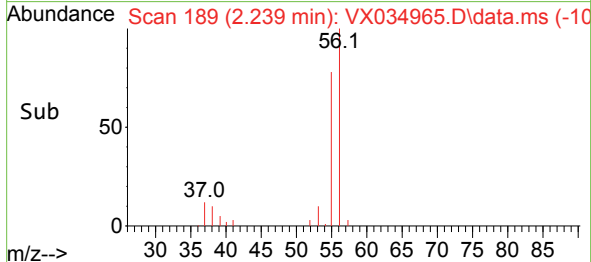
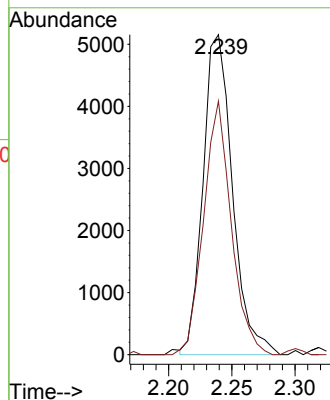
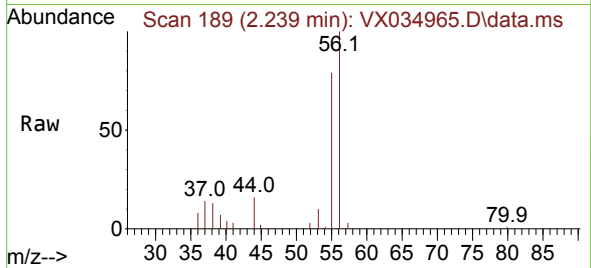
MDL-WATER-03-QT2-2023

Tgt Ion: 56 Resp: 8371

Ion Ratio Lower Upper

56 100

55 74.4 56.6 85.0



#14

Acrylonitrile

Concen: 11.250 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.006 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

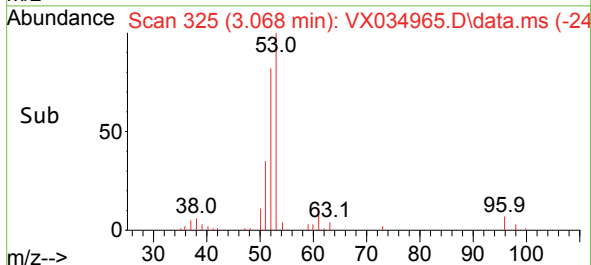
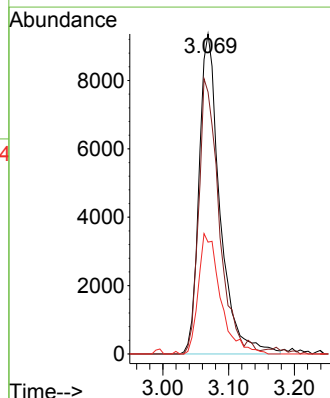
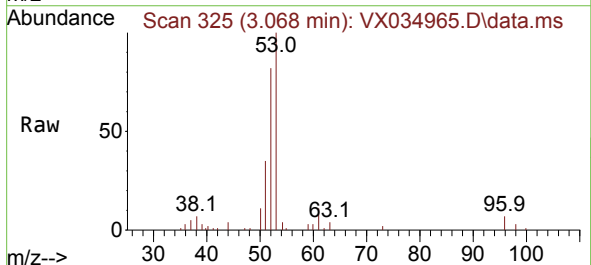
Tgt Ion: 53 Resp: 20647

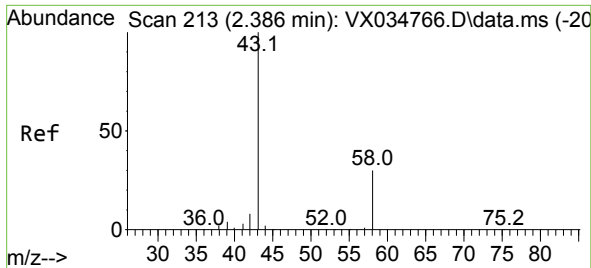
Ion Ratio Lower Upper

53 100

52 82.7 41.3 123.7

51 39.8 17.9 53.7





#15

Acetone

Concen: 13.539 ug/l

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

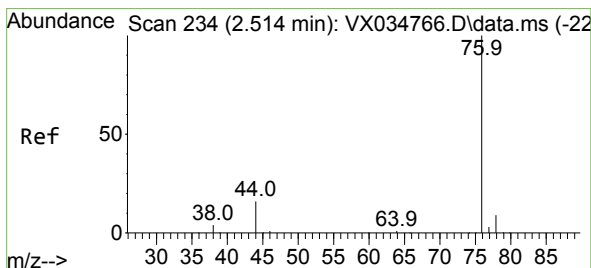
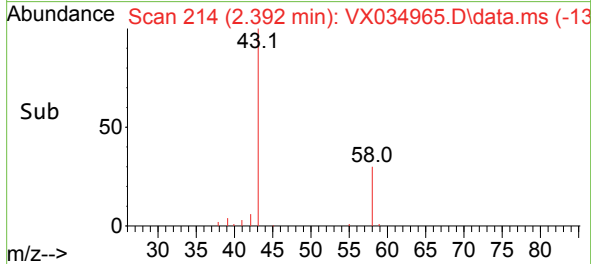
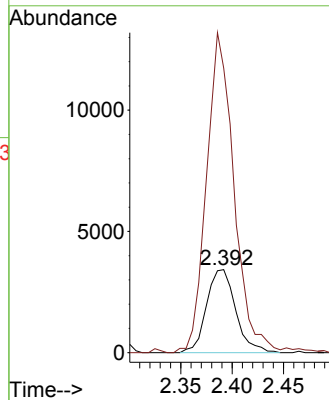
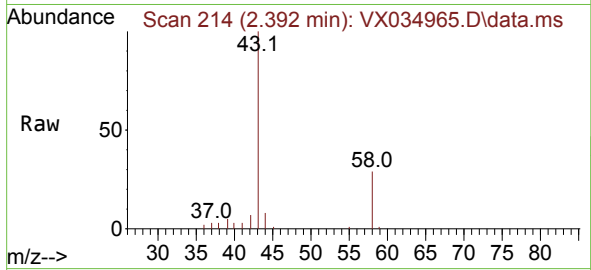
MDL-WATER-03-QT2-2023

Tgt Ion: 58 Resp: 6746

Ion Ratio Lower Upper

58 100

43 339.3 270.8 406.2



#16

Carbon Disulfide

Concen: 1.953 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034965.D

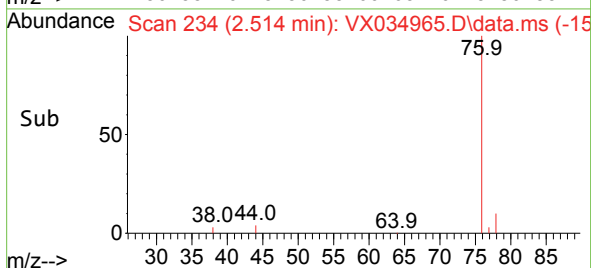
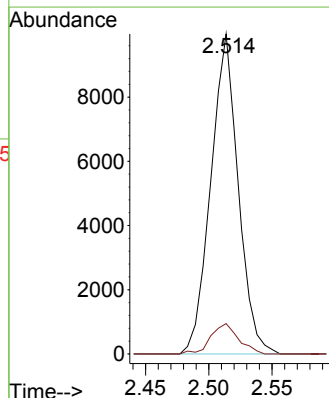
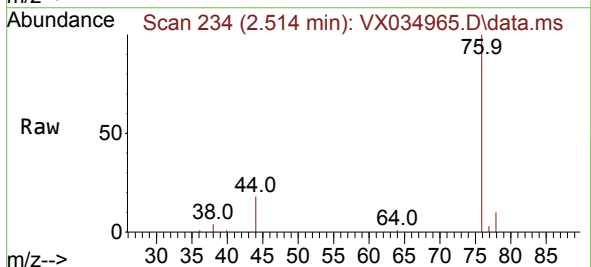
Acq: 07 Apr 2023 12:25

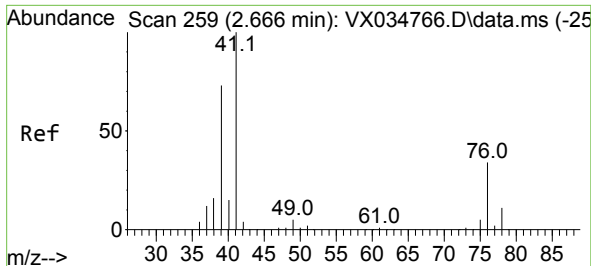
Tgt Ion: 76 Resp: 15034

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6





#17

Allyl chloride

Concen: 2.272 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

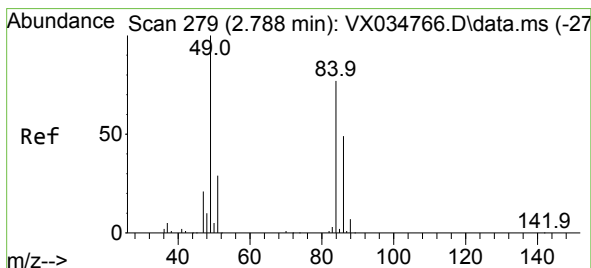
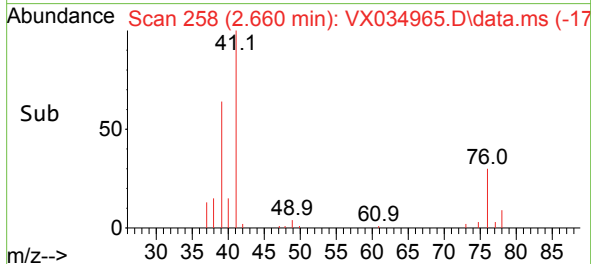
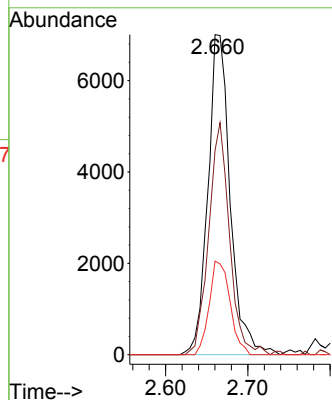
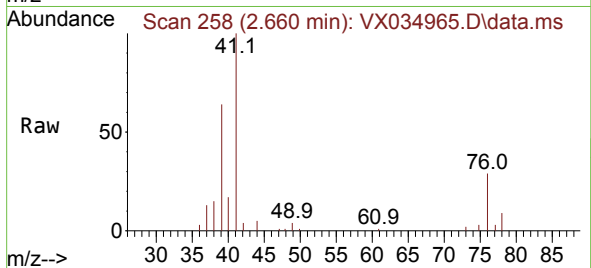
Tgt Ion: 41 Resp: 13231

Ion Ratio Lower Upper

41 100

39 63.9 36.4 109.3

76 29.3 17.0 51.0



#18

Methylene Chloride

Concen: 2.437 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Tgt Ion: 84 Resp: 8639

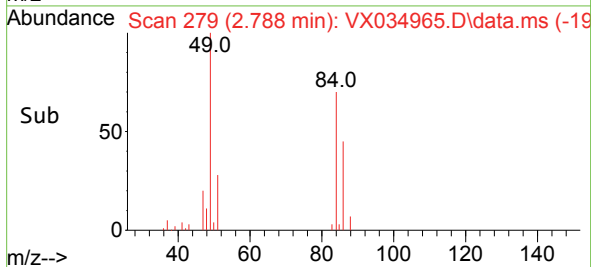
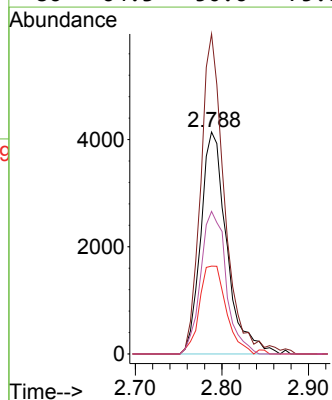
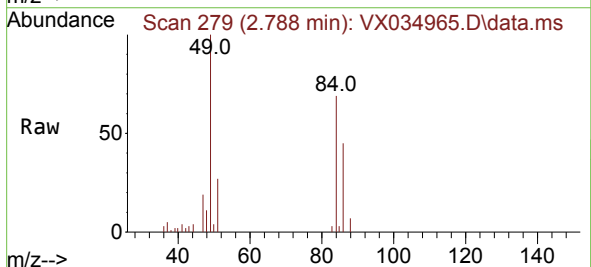
Ion Ratio Lower Upper

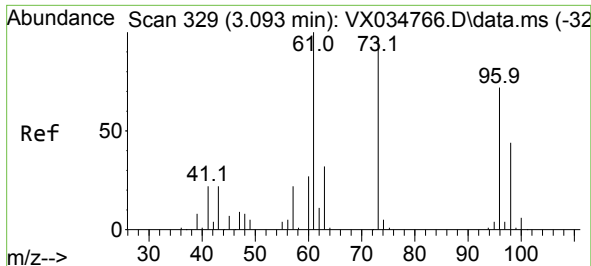
84 100

49 144.2 103.9 155.9

51 39.6 30.6 45.8

86 64.3 50.6 75.8

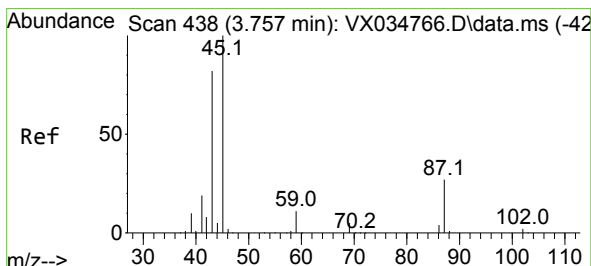
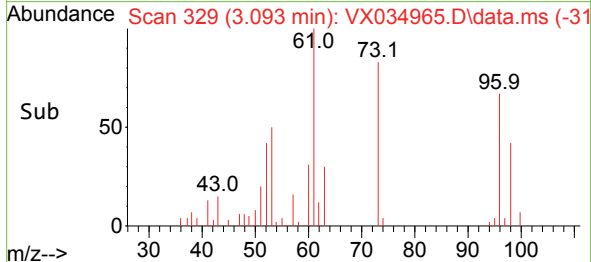
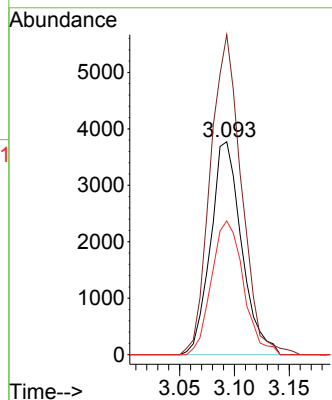
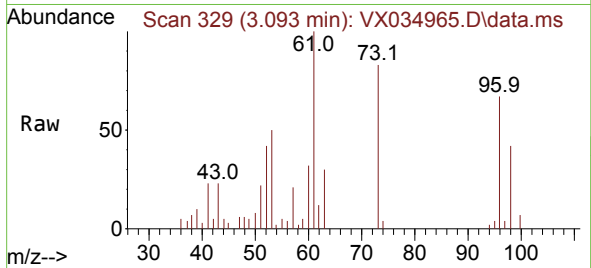




#19
trans-1,2-Dichloroethene
Concen: 2.254 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

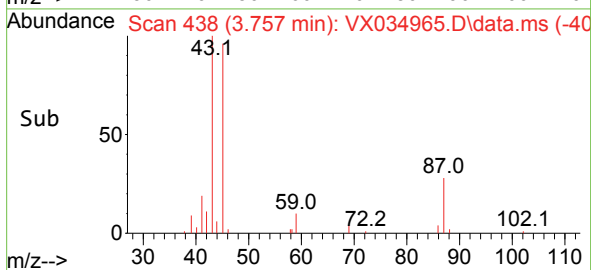
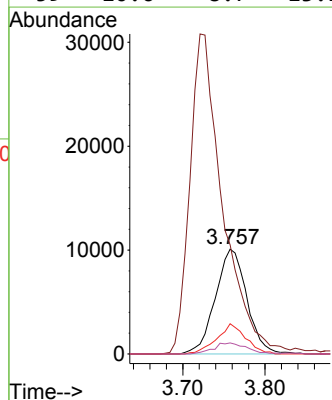
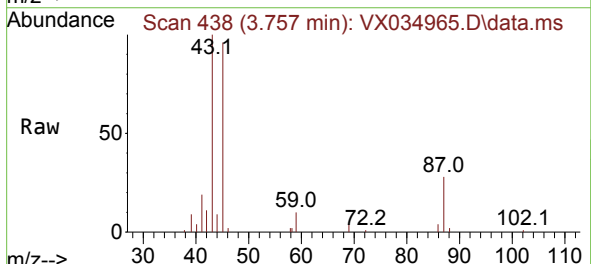
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

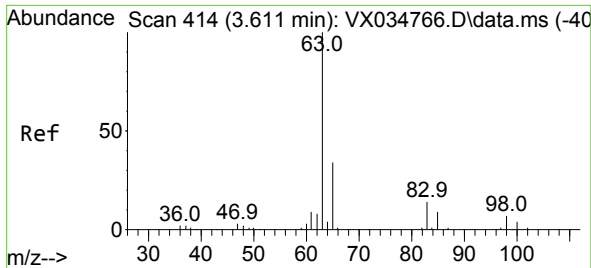
Tgt Ion: 96 Resp: 7425
Ion Ratio Lower Upper
96 100
61 150.2 111.1 166.7
98 62.8 48.6 72.8



#20
Diisopropyl ether
Concen: 2.240 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 45 Resp: 26726
Ion Ratio Lower Upper
45 100
43 96.8 66.0 99.0
87 28.9 21.8 32.6
59 10.6 8.7 13.1

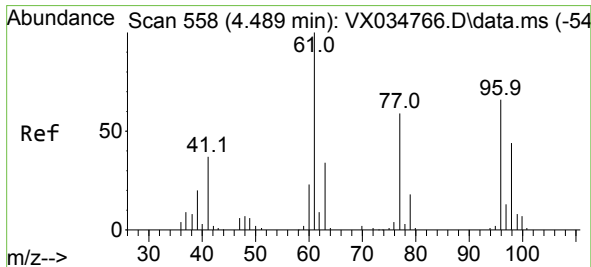
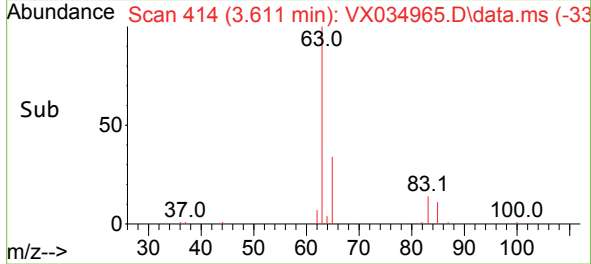
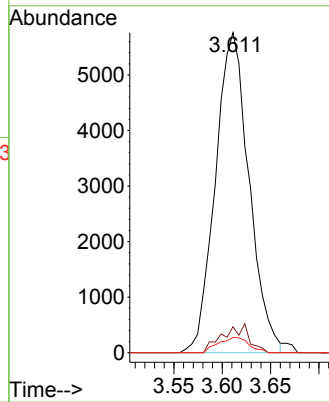
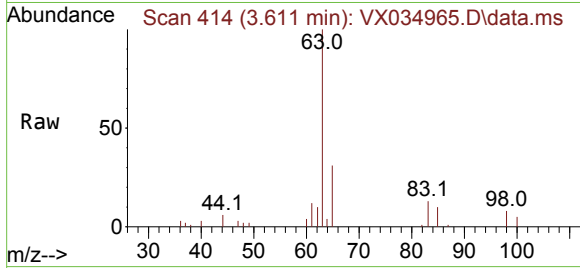




#21
1,1-Dichloroethane
Concen: 2.182 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

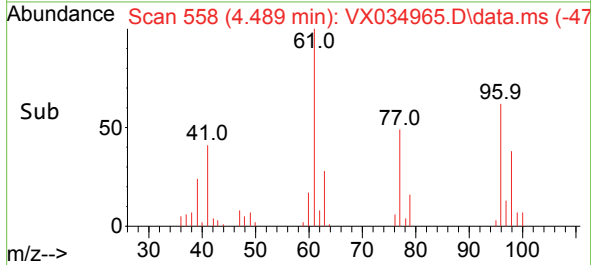
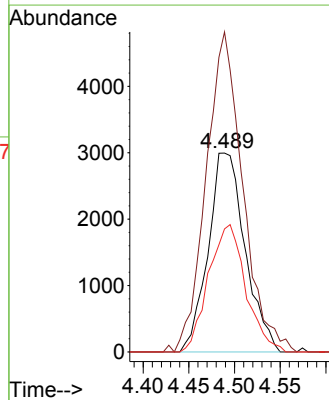
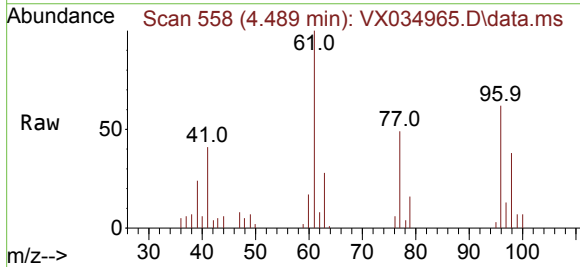
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

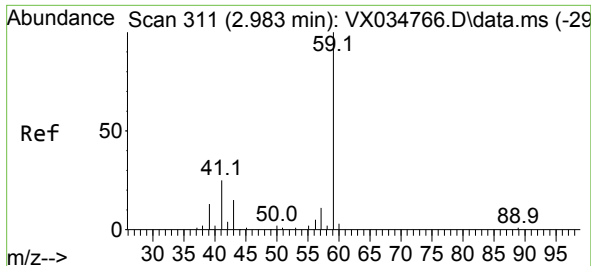
Tgt Ion:	63	Resp:	13923
Ion Ratio	Lower	Upper	
63	100		
98	8.1	3.5	10.6
100	4.8	2.2	6.6



#22
cis-1,2-Dichloroethene
Concen: 2.192 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion:	96	Resp:	8408
Ion Ratio	Lower	Upper	
96	100		
61	159.6	121.7	182.5
98	64.6	52.2	78.2

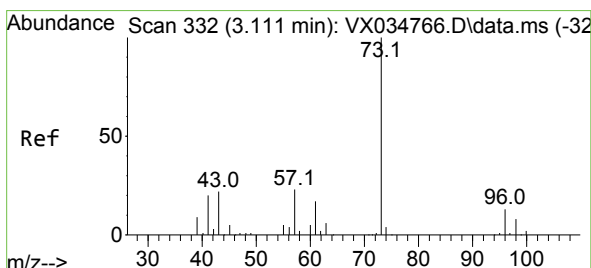
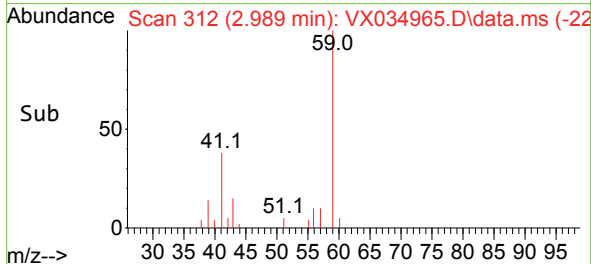
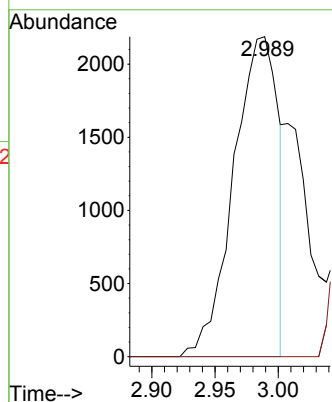
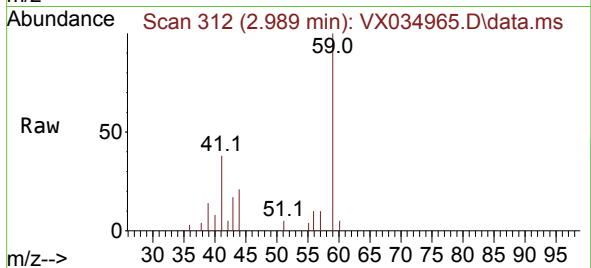




#23
tert-Butyl Alcohol
Concen: 6.481 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

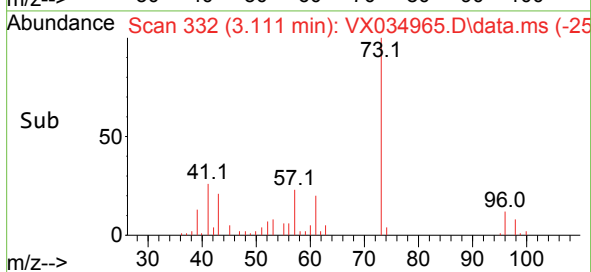
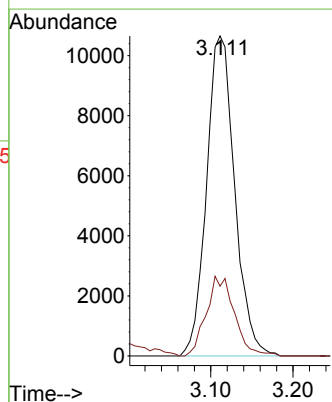
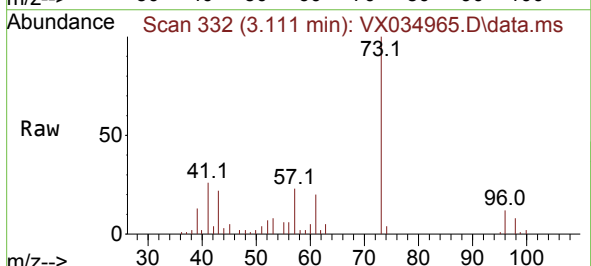
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

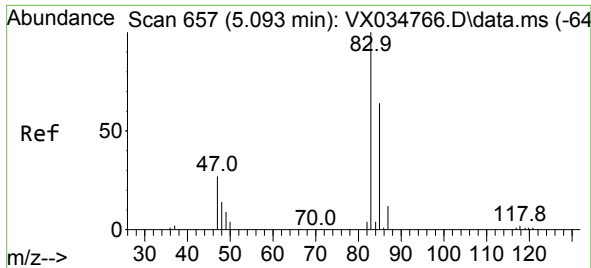
Tgt Ion: 59 Resp: 5352
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 2.267 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 73 Resp: 25352
Ion Ratio Lower Upper
73 100
43 24.9 17.9 26.9

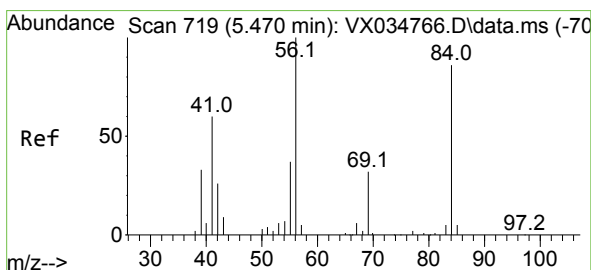
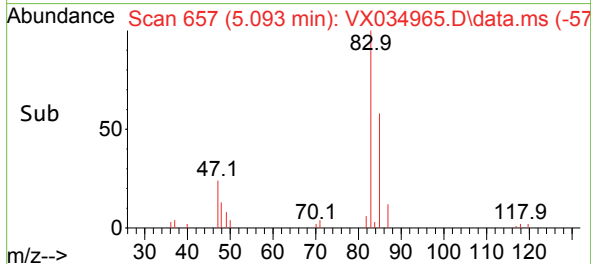
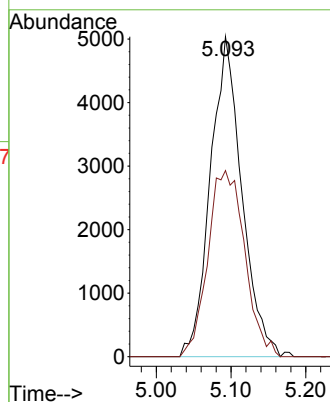
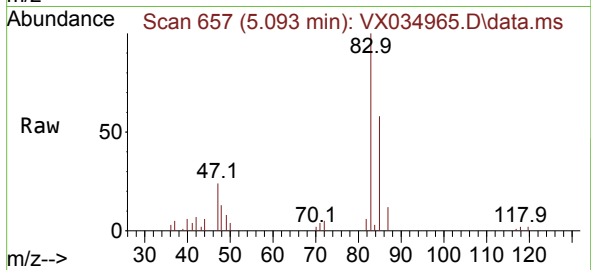




#25
Chloroform
Concen: 2.267 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

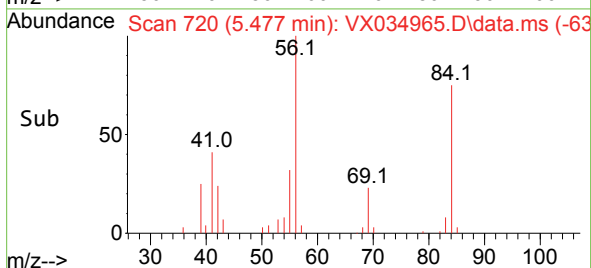
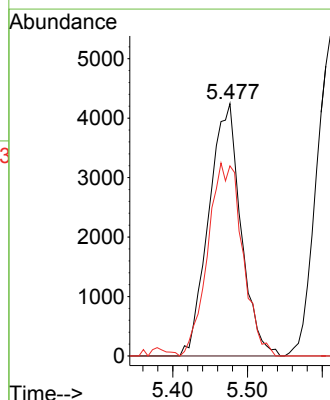
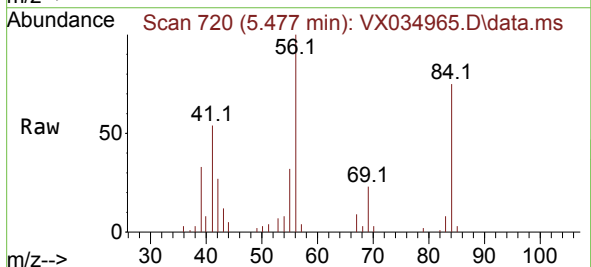
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

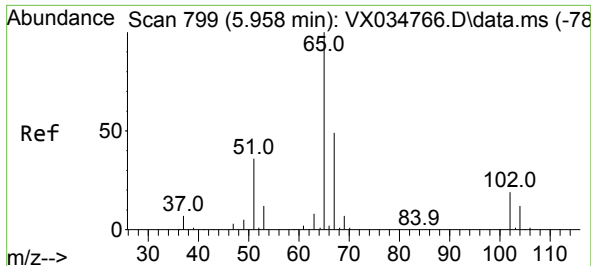
Tgt Ion: 83 Resp: 14709
Ion Ratio Lower Upper
83 100
85 58.2 51.2 76.8



#26
Cyclohexane
Concen: 2.270 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 56 Resp: 12689
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 45.7 67.4 101.2#





#27

1,2-Dichloroethane-d4

Concen: 28.550 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

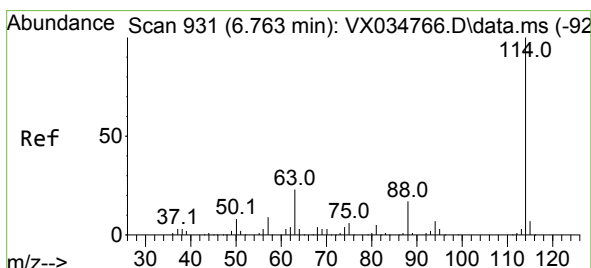
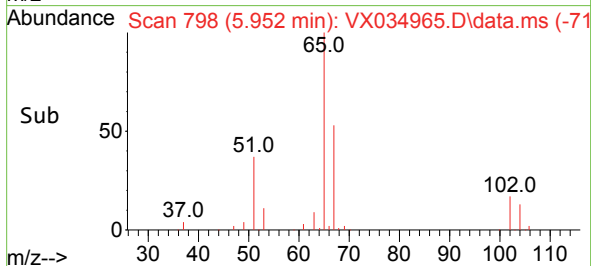
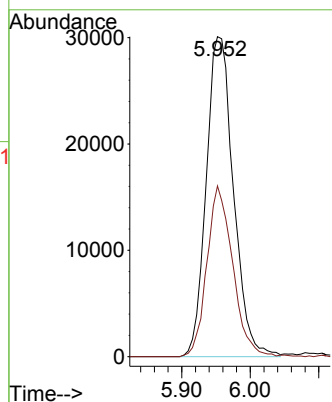
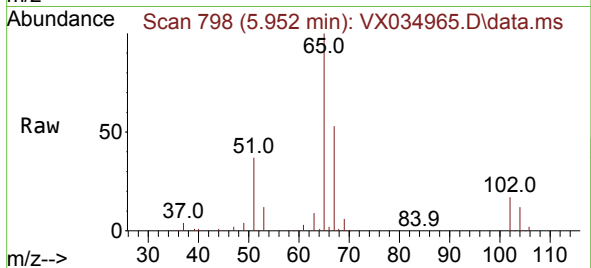
MDL-WATER-03-QT2-2023

Tgt Ion: 65 Resp: 83178

Ion Ratio Lower Upper

65 100

67 50.4 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

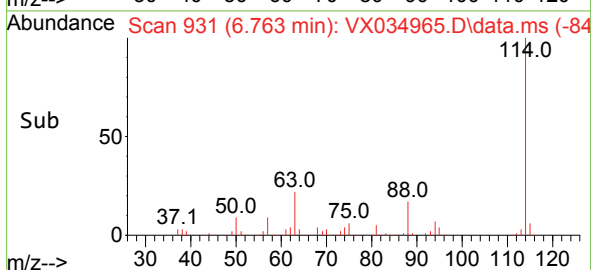
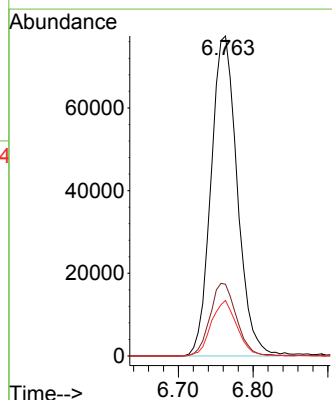
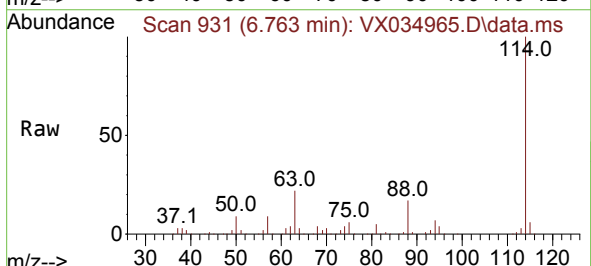
Tgt Ion: 114 Resp: 188932

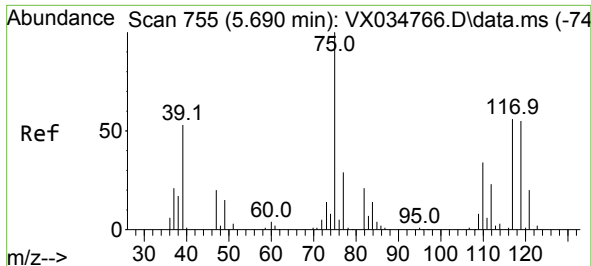
Ion Ratio Lower Upper

114 100

63 22.7 18.0 27.0

88 17.0 13.3 19.9





#29

1,1-Dichloropropene

Concen: 2.501 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

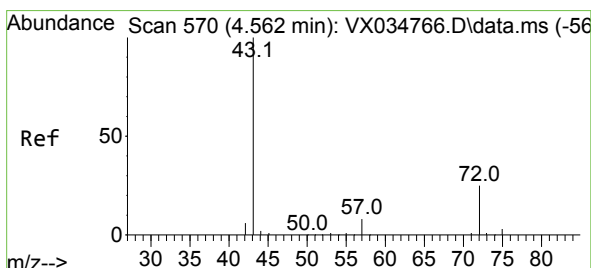
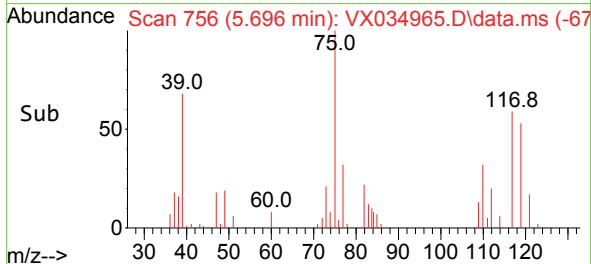
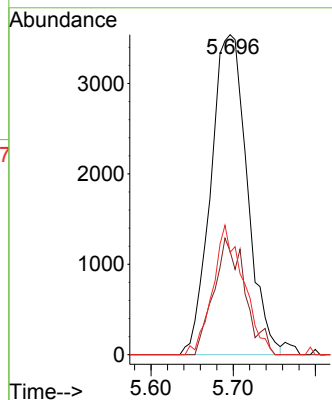
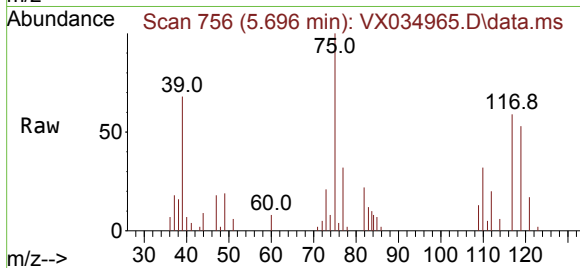
Tgt Ion: 75 Resp: 10868

Ion Ratio Lower Upper

75 100

110 21.0 0.0 71.4

77 34.4 0.0 61.6



#30

2-Butanone

Concen: 12.660 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

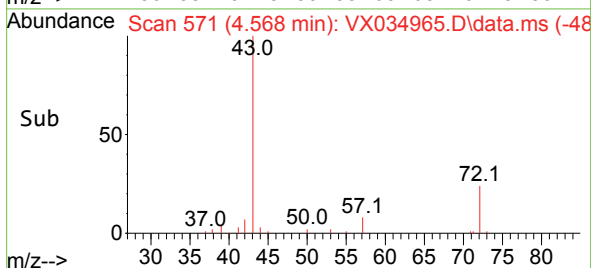
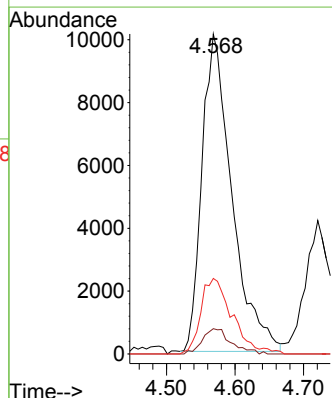
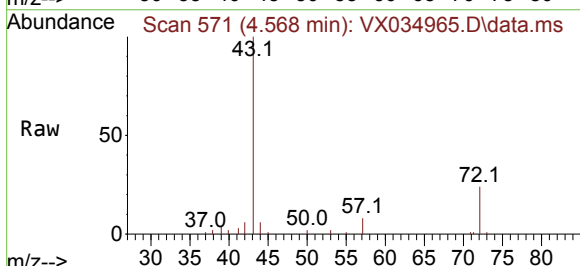
Tgt Ion: 43 Resp: 30679

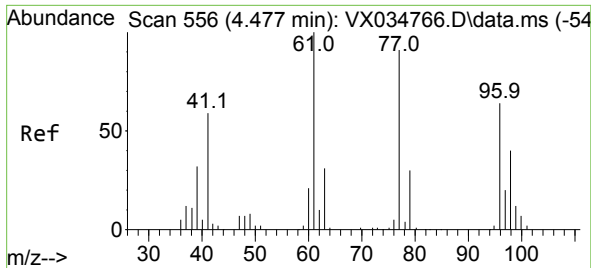
Ion Ratio Lower Upper

43 100

57 7.3 6.3 9.5

72 24.3 19.6 29.4

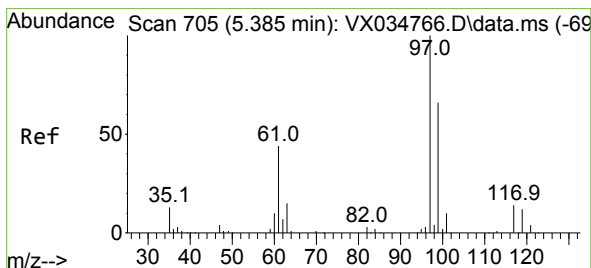
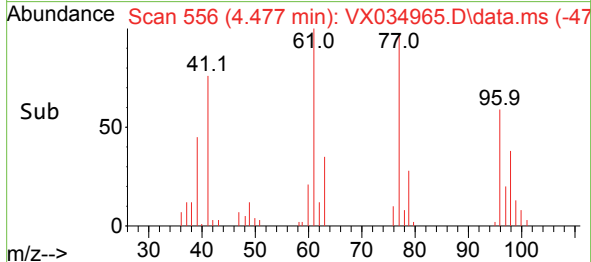
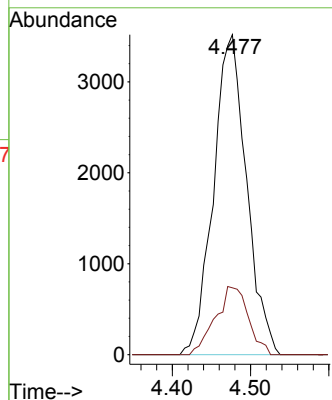
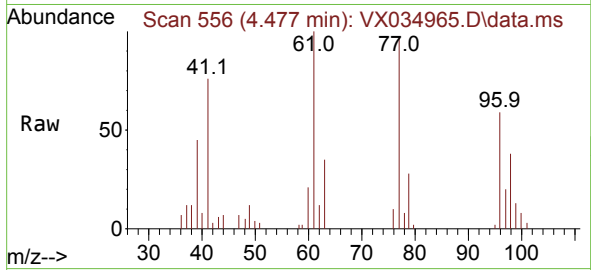




#31
2,2-Dichloropropane
Concen: 2.341 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

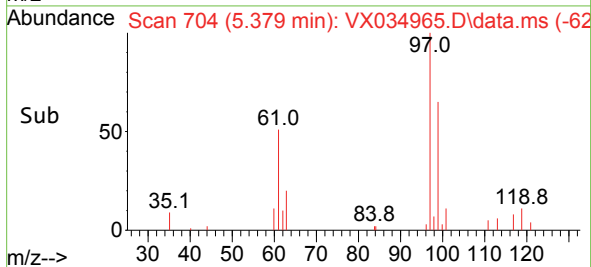
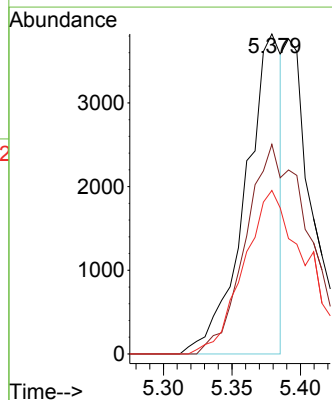
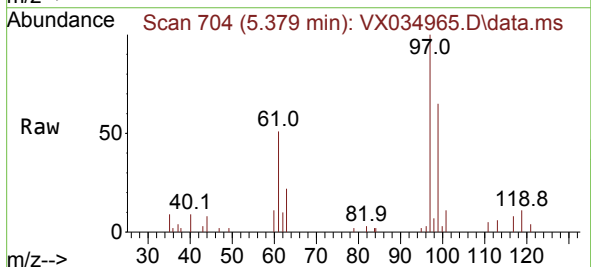
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

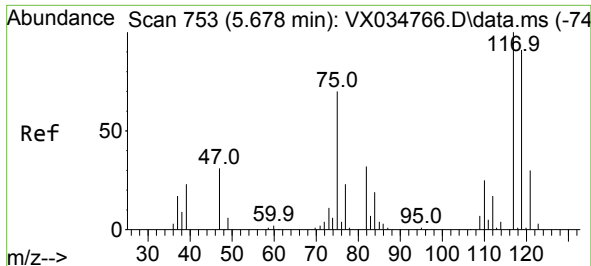
Tgt Ion: 77 Resp: 10318
Ion Ratio Lower Upper
77 100
97 21.1 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 1.389 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 97 Resp: 7081
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 72.1 36.6 55.0#

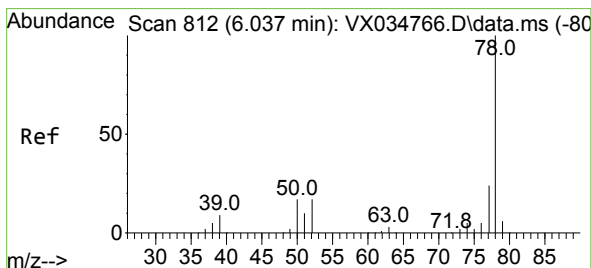
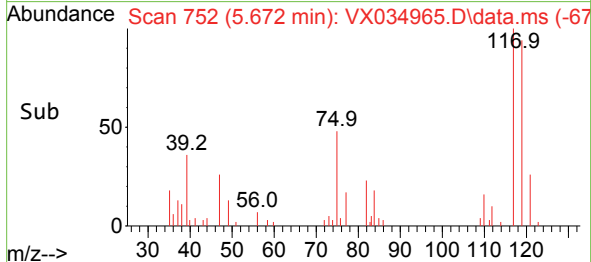
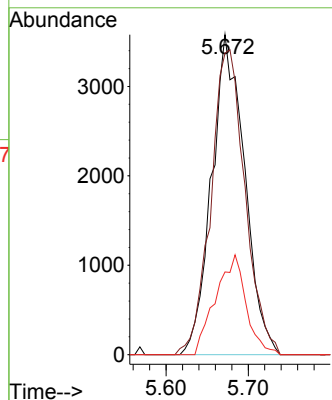
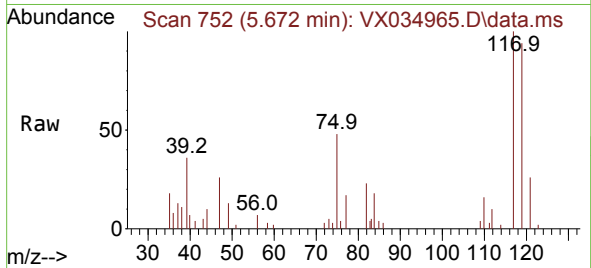




#33
Carbon Tetrachloride
Concen: 2.368 ug/l
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

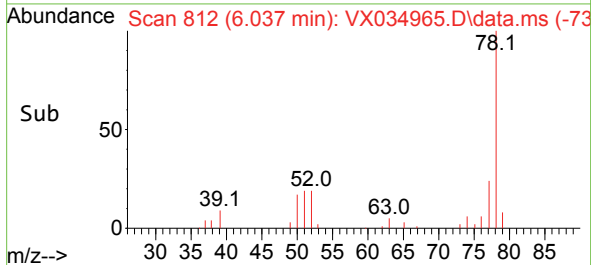
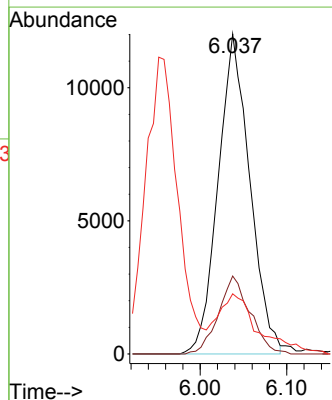
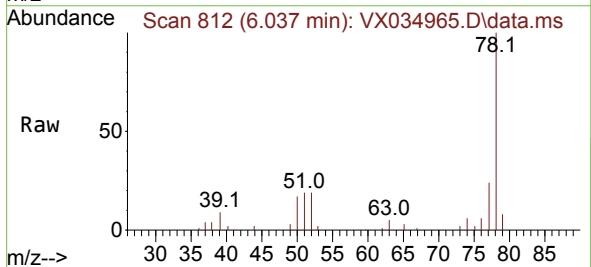
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

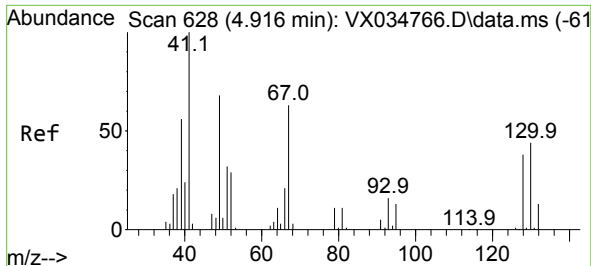
Tgt Ion:117 Resp: 9963
Ion Ratio Lower Upper
117 100
119 94.2 73.3 109.9
121 25.8 24.0 36.0



#34
Benzene
Concen: 2.414 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 78 Resp: 30484
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4
51 14.1 14.6 21.8#

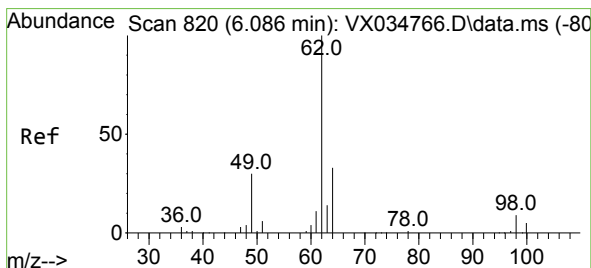
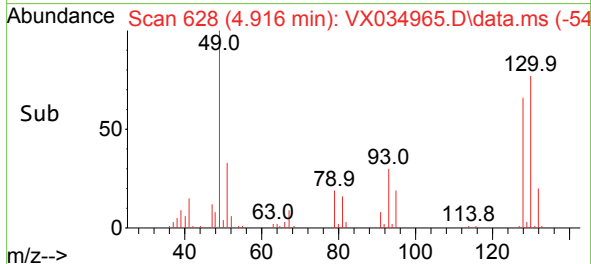
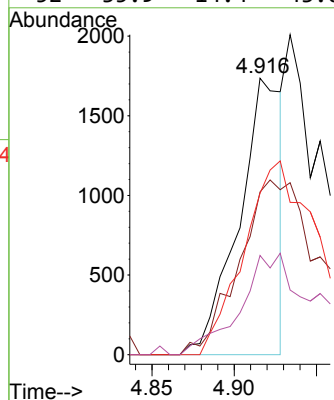
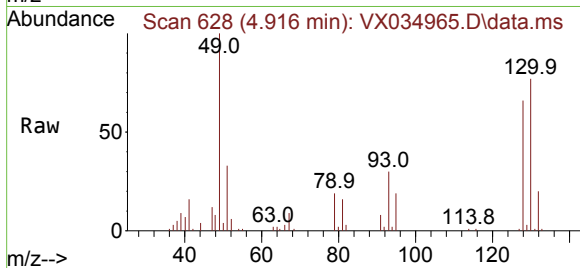




#35
Methacrylonitrile
Concen: 1.183 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

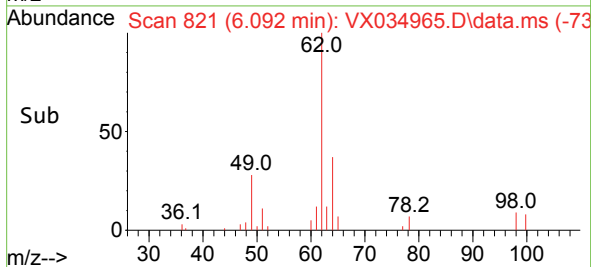
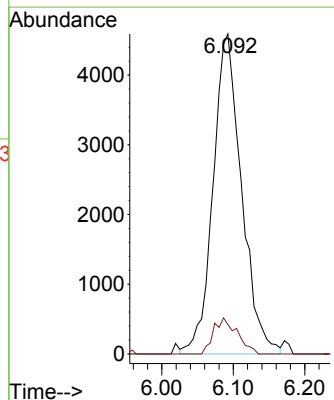
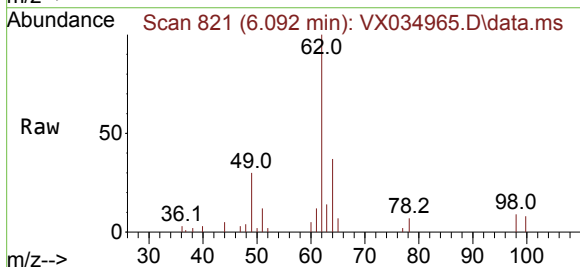
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

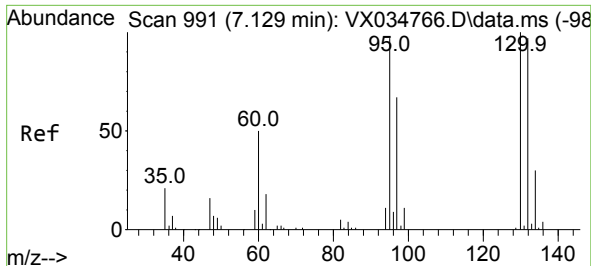
Tgt Ion: 41	Resp: 3138
Ion Ratio	Lower Upper
41 100	
39 58.9	28.0 84.0
67 58.4	31.6 94.7
52 35.9	14.4 43.0



#36
1,2-Dichloroethane
Concen: 2.565 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 62	Resp: 12698
Ion Ratio	Lower Upper
62 100	
98 9.4	7.0 10.6

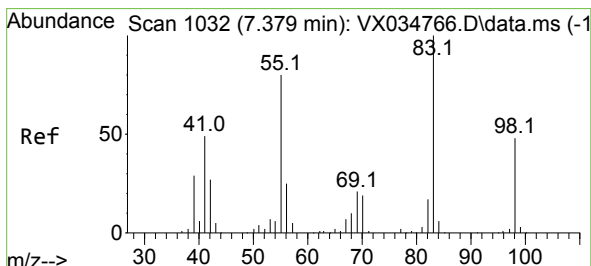
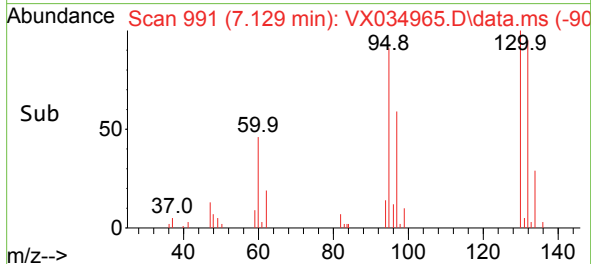
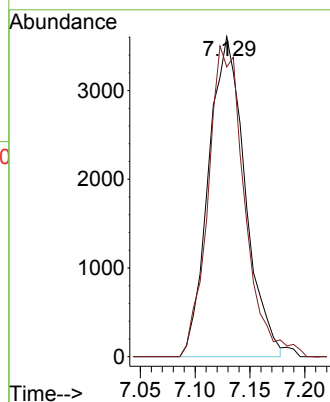
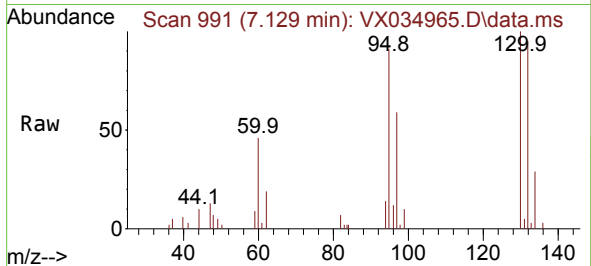




#37
Trichloroethene
Concen: 2.601 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

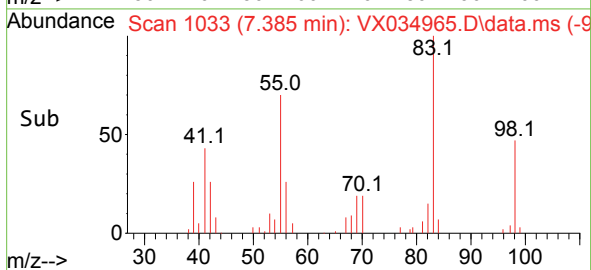
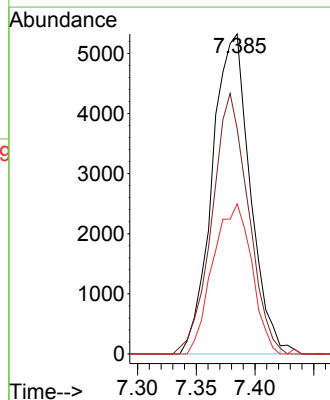
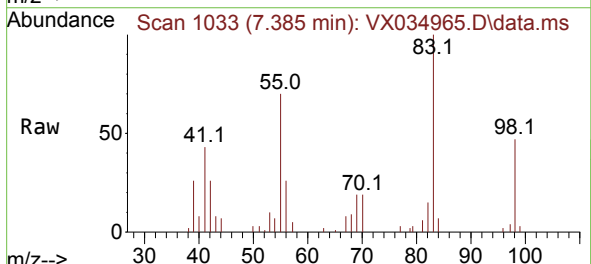
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

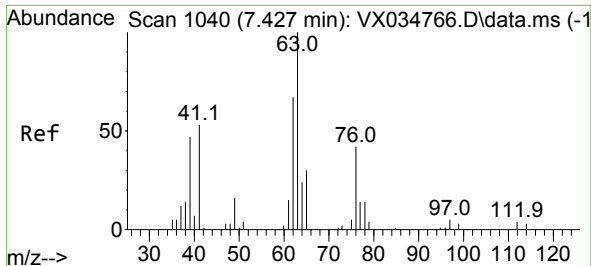
Tgt Ion:130 Resp: 8359
Ion Ratio Lower Upper
130 100
95 90.6 77.8 116.6



#38
Methylcyclohexane
Concen: 2.506 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 83 Resp: 11898
Ion Ratio Lower Upper
83 100
55 78.5 38.8 116.4
98 48.0 23.8 71.2





#39

1,2-Dichloropropane

Concen: 2.404 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

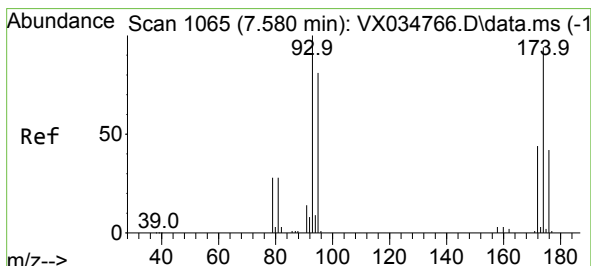
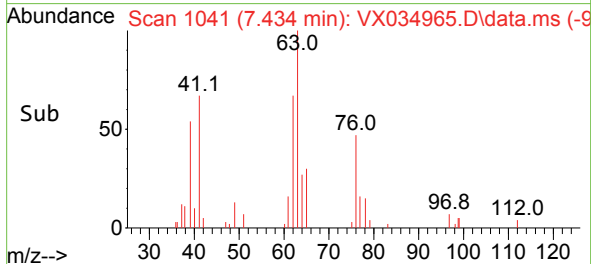
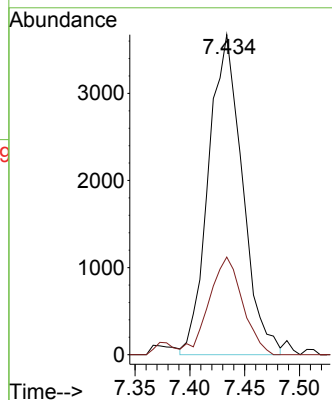
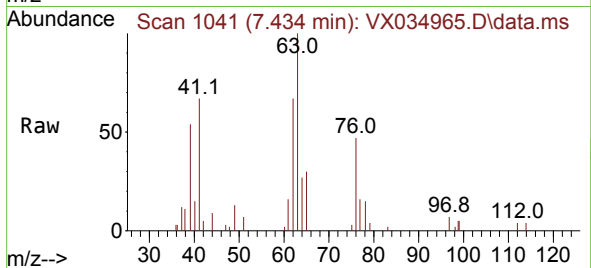
MDL-WATER-03-QT2-2023

Tgt Ion: 63 Resp: 7890

Ion Ratio Lower Upper

63 100

65 31.0 24.0 36.0



#40

Dibromomethane

Concen: 2.303 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

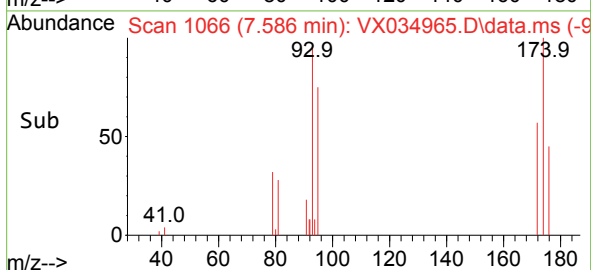
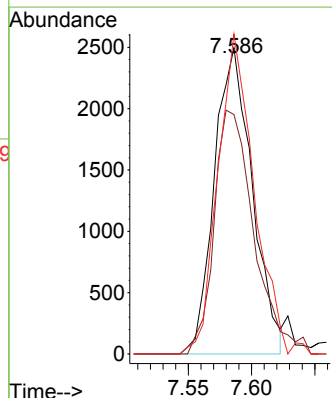
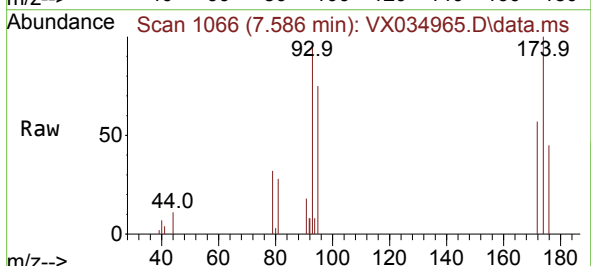
Tgt Ion: 93 Resp: 5194

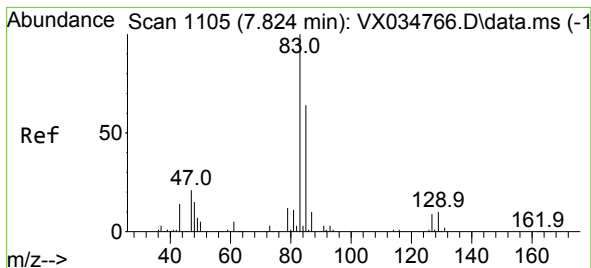
Ion Ratio Lower Upper

93 100

95 82.8 0.0 165.8

174 99.1 0.0 188.8





#41

Bromodichloromethane

Concen: 2.190 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

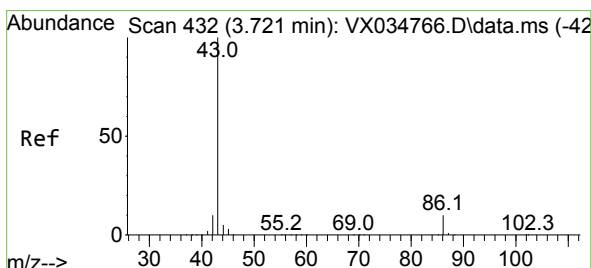
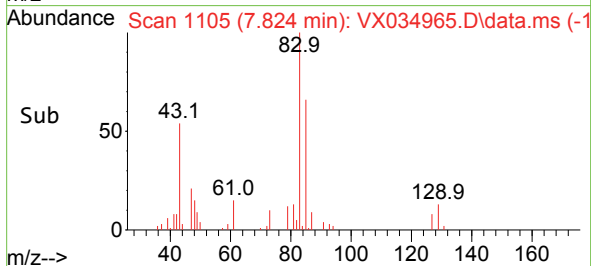
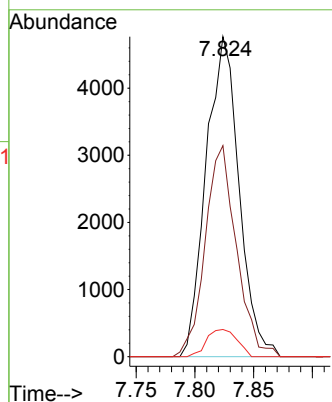
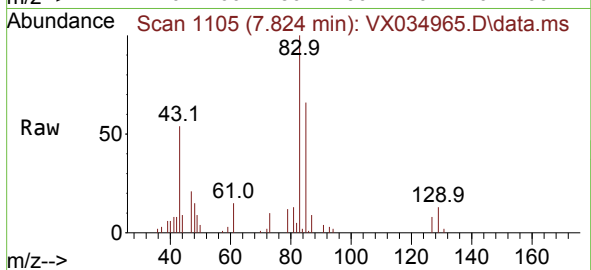
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 83	Resp: 9302		
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.1	76.7
127	8.5	8.2	12.4



#42

Vinyl Acetate

Concen: 10.729 ug/l

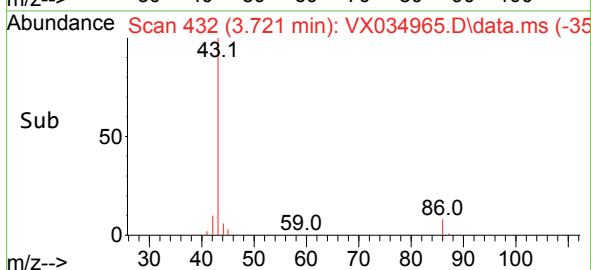
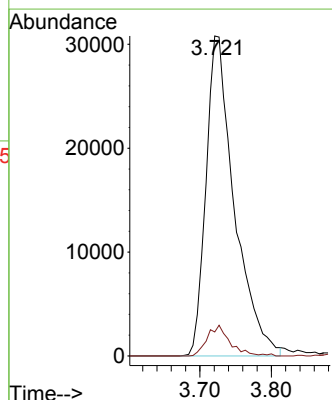
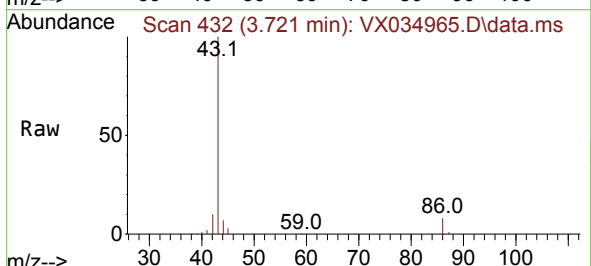
RT: 3.721 min Scan# 432

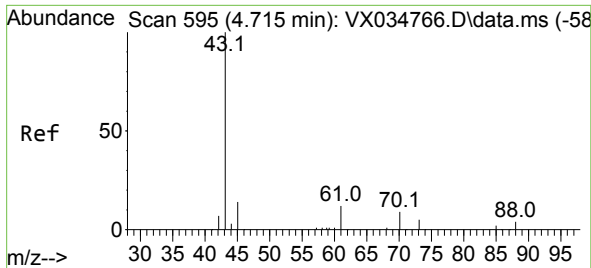
Delta R.T. -0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Tgt Ion: 43	Resp: 84820
Ion Ratio	Lower Upper
43 100	
86 7.7	6.9 10.3

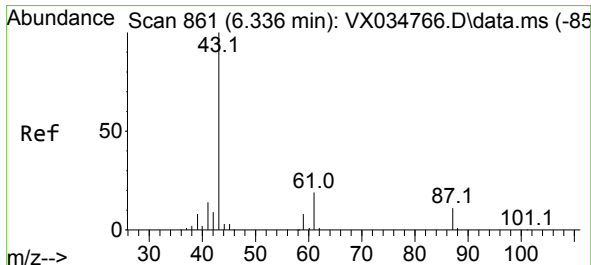
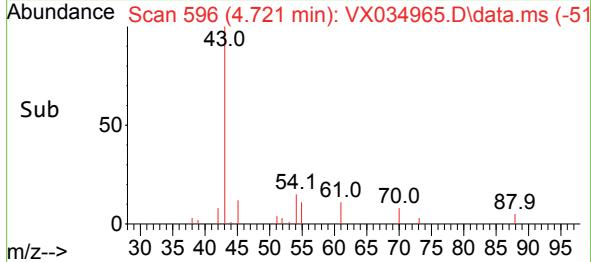
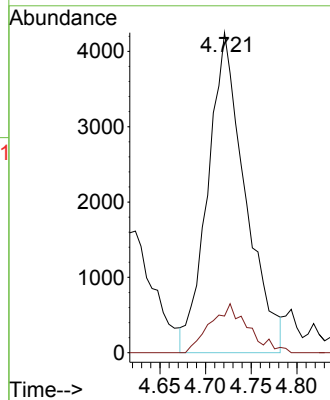
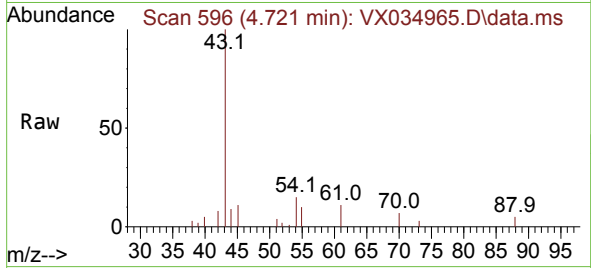




#43
Ethyl Acetate
Concen: 2.570 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

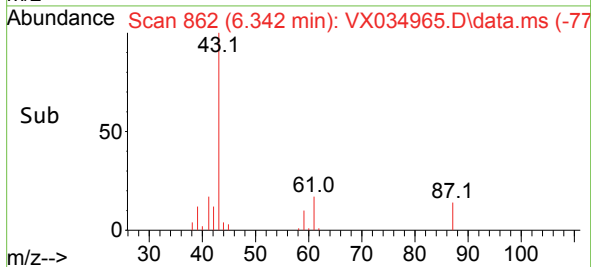
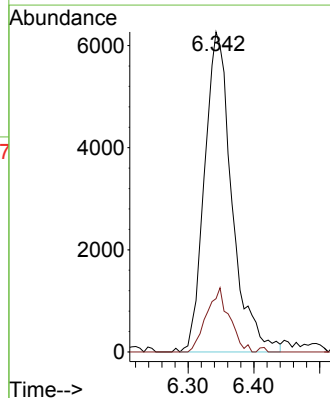
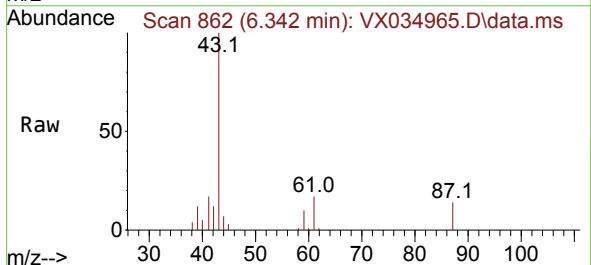
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

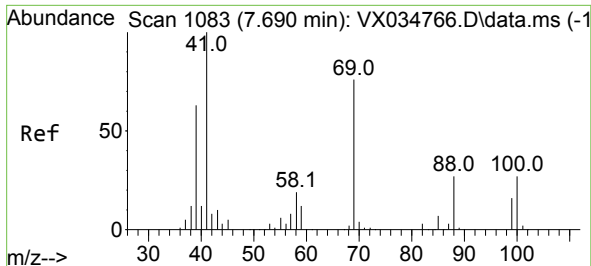
Tgt Ion: 43 Resp: 12079
Ion Ratio Lower Upper
43 100
45 14.5 12.0 18.0



#44
Isopropyl Acetate
Concen: 2.283 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 43 Resp: 18161
Ion Ratio Lower Upper
43 100
61 16.4 15.4 23.0

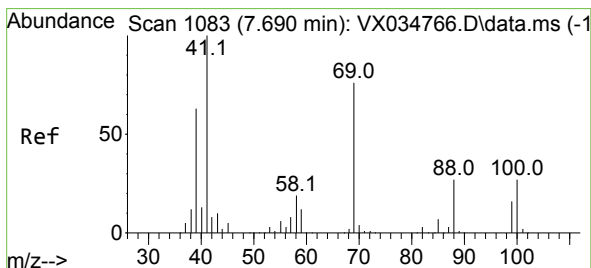
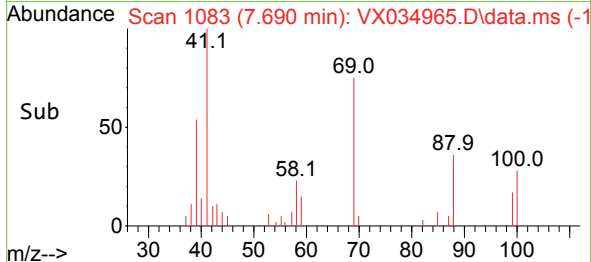
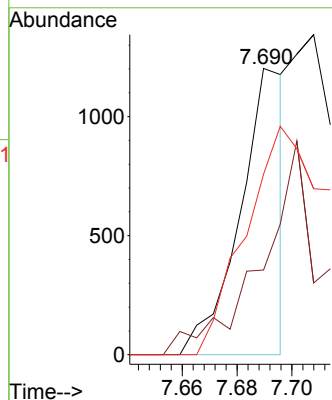
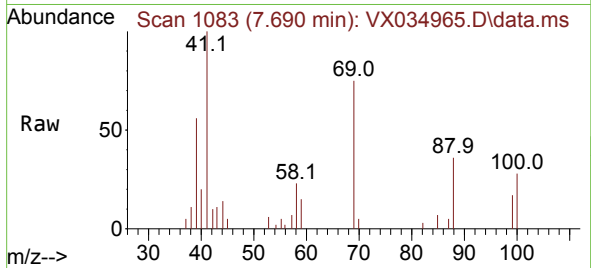




#45
1,4-Dioxane
Concen: 17.583 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

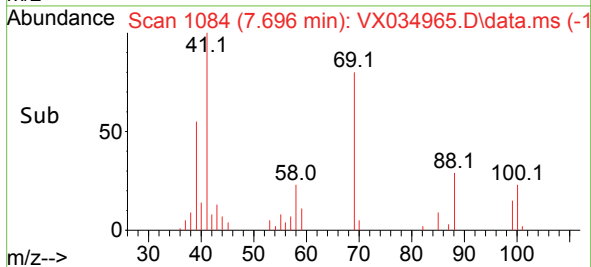
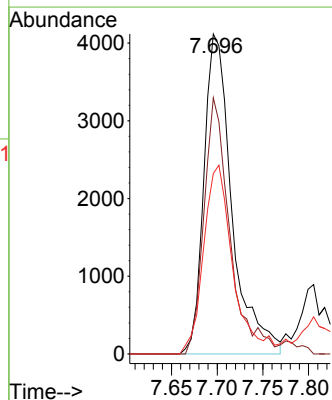
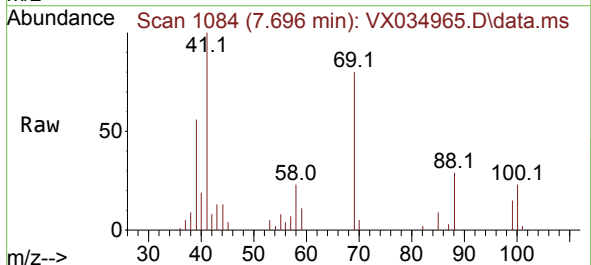
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

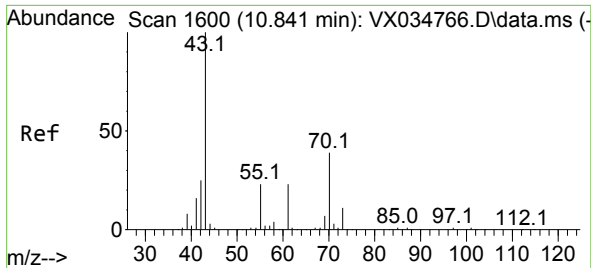
Tgt Ion: 88 Resp: 1386
Ion Ratio Lower Upper
88 100
43 0.0 26.5 39.7#
58 182.5 55.6 83.4#



#46
Methyl methacrylate
Concen: 2.270 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 41 Resp: 8799
Ion Ratio Lower Upper
41 100
69 80.1 38.1 114.5
39 56.4 31.4 94.3

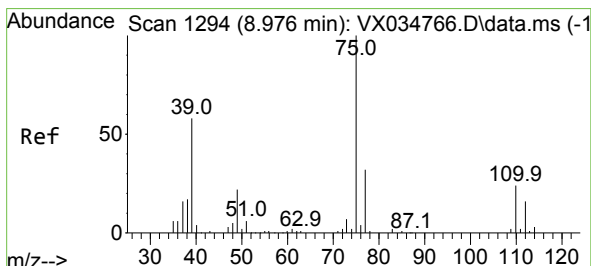
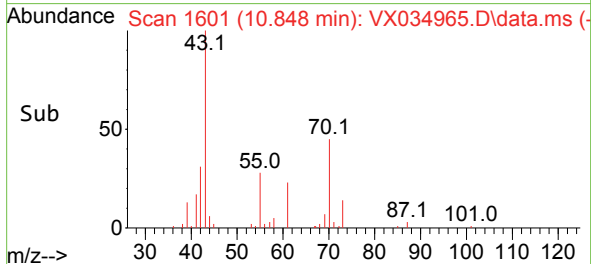
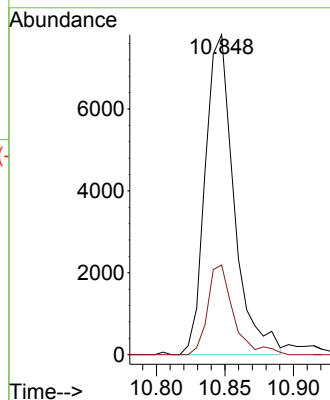
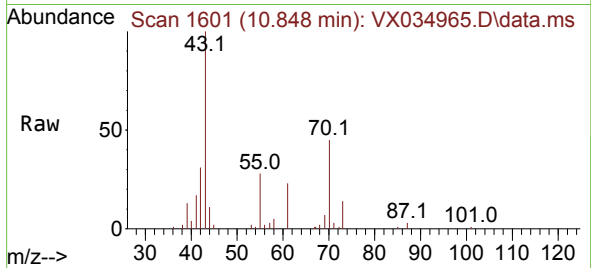




#47
n-amyl acetate
Concen: 1.658 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.007 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

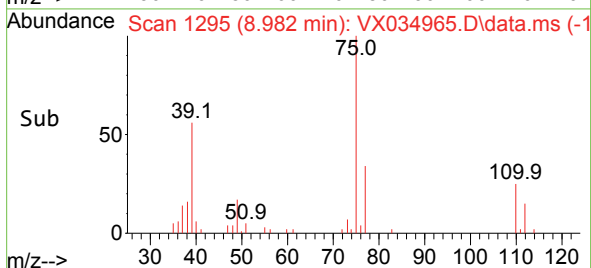
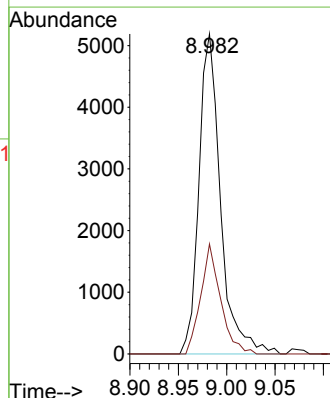
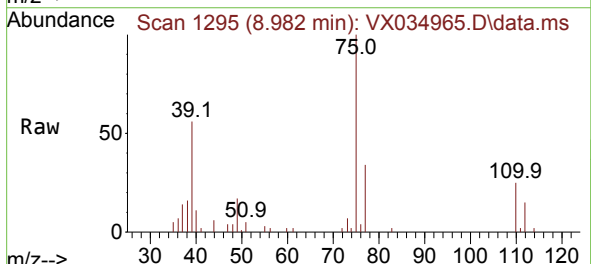
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023

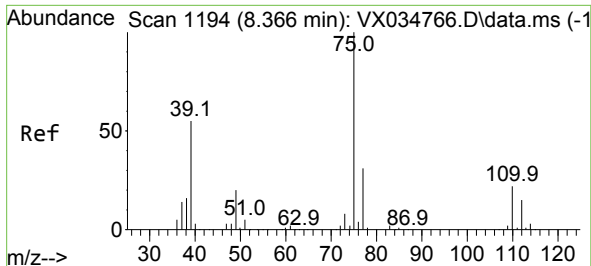
Tgt Ion: 43 Resp: 11467
Ion Ratio Lower Upper
43 100
55 23.9 18.6 28.0



#48
t-1,3-Dichloropropene
Concen: 1.745 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 75 Resp: 8074
Ion Ratio Lower Upper
75 100
77 34.3 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 1.969 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

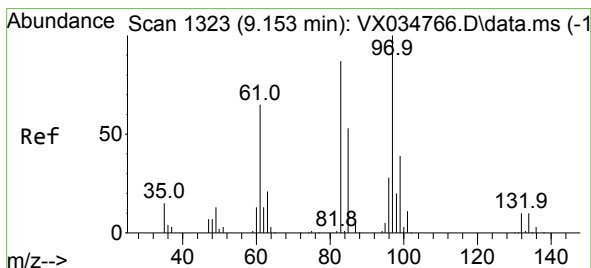
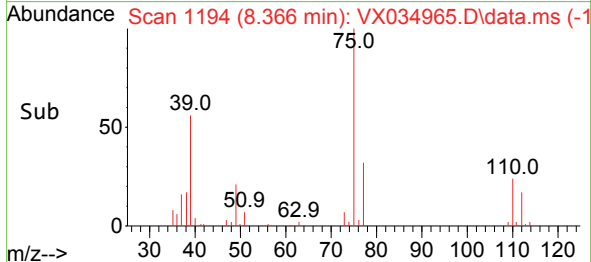
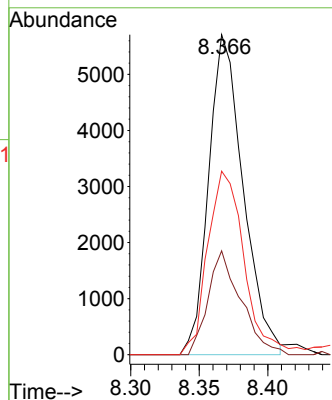
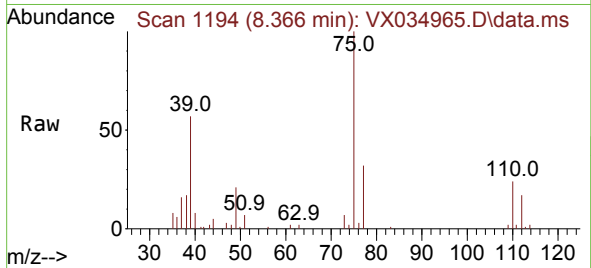
Tgt Ion: 75 Resp: 10012

Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0

39 57.4 44.2 66.2



#50

1,1,2-Trichloroethane

Concen: 2.531 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Tgt Ion: 97 Resp: 7950

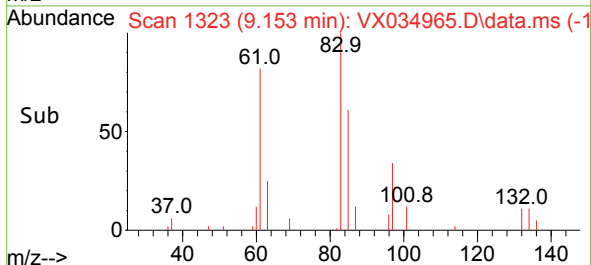
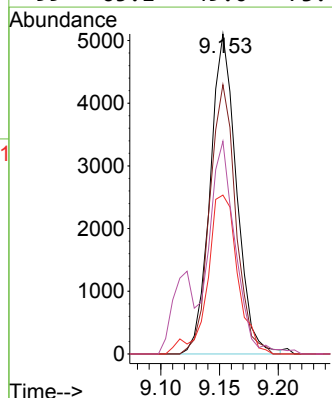
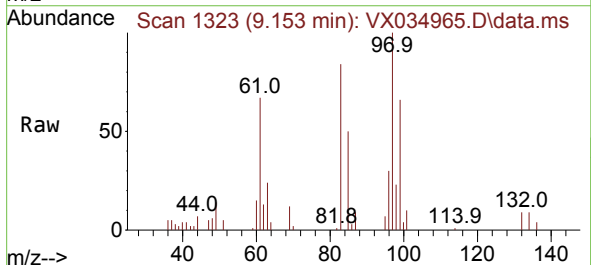
Ion Ratio Lower Upper

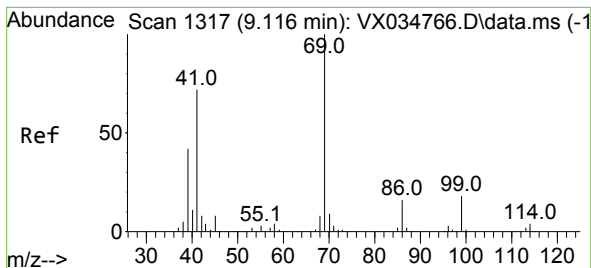
97 100

83 84.1 68.9 103.3

85 49.6 44.0 66.0

99 65.1 49.0 73.4





#51

Ethyl methacrylate

Concen: 2.068 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

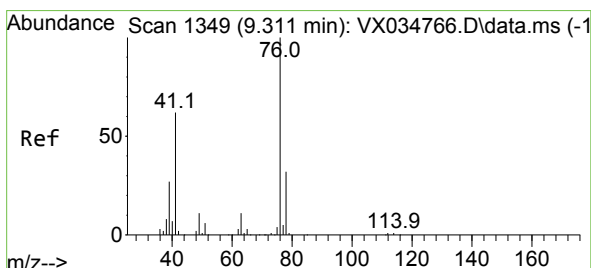
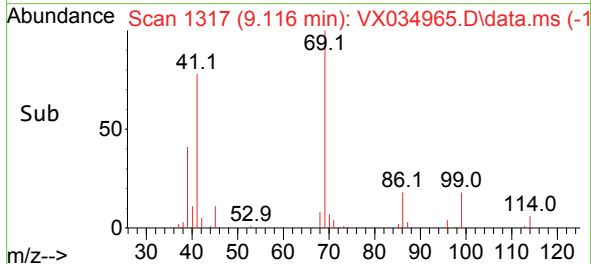
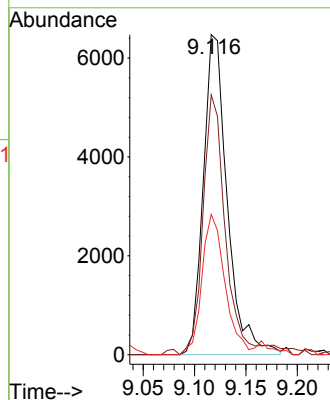
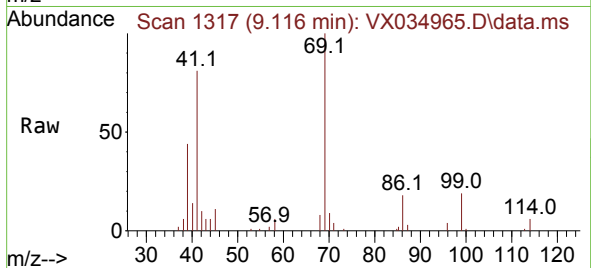
Tgt Ion: 69 Resp: 10542

Ion Ratio Lower Upper

69 100

41 81.2 36.2 108.6

39 43.8 21.2 63.6



#52

1,3-Dichloropropane

Concen: 2.495 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX034965.D

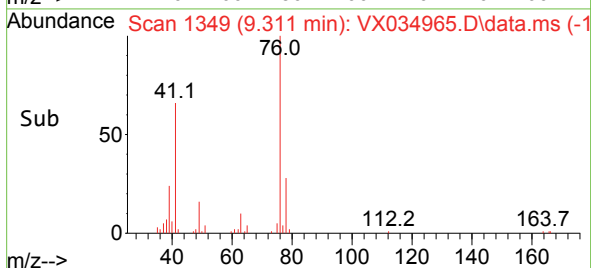
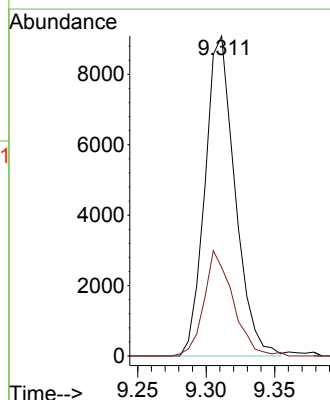
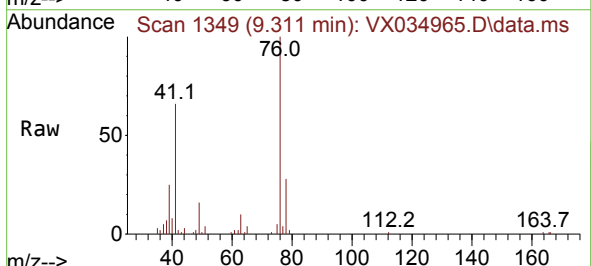
Acq: 07 Apr 2023 12:25

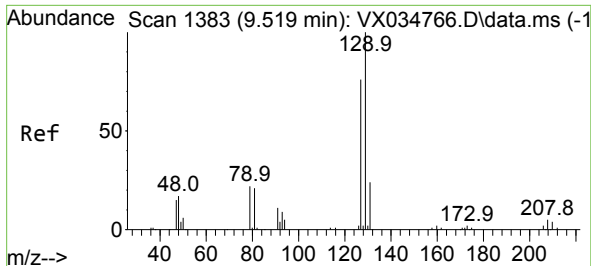
Tgt Ion: 76 Resp: 13845

Ion Ratio Lower Upper

76 100

78 31.6 0.0 63.8

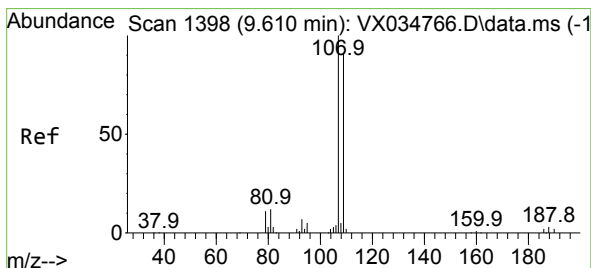
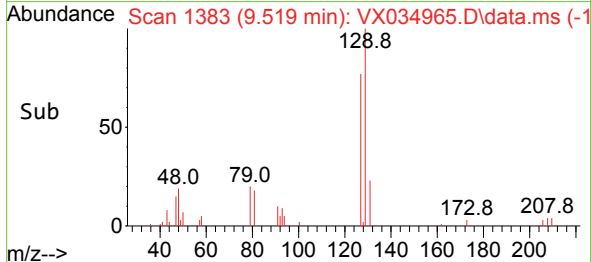
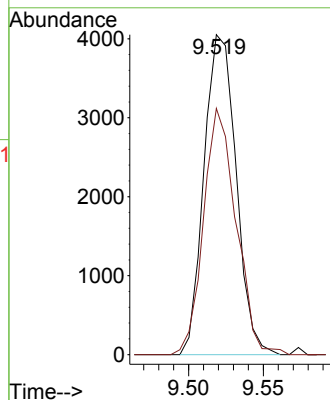
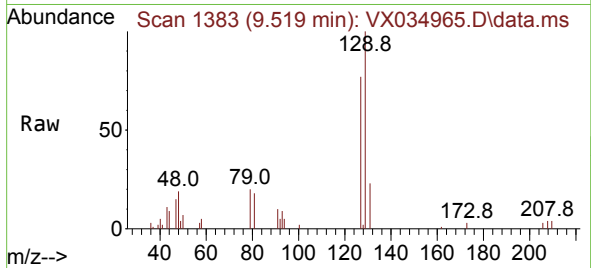




#53
Dibromochloromethane
Concen: 1.949 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

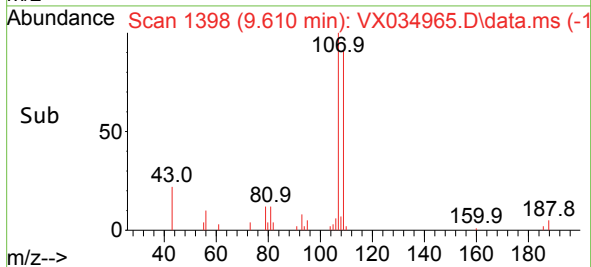
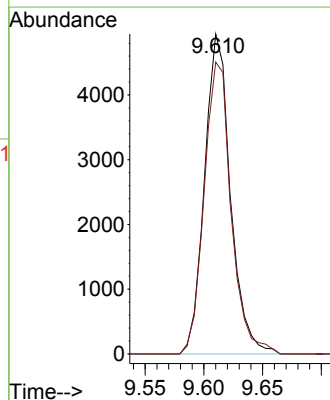
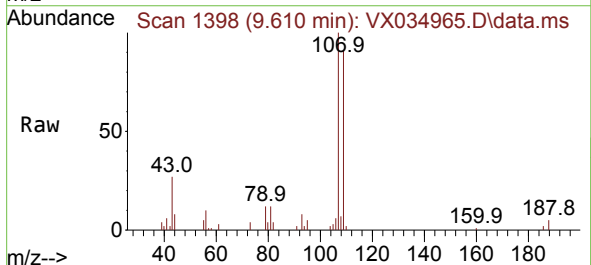
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023

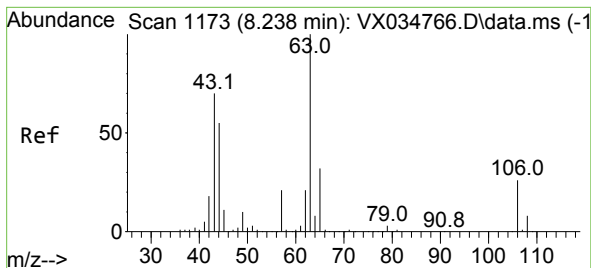
Tgt Ion:129 Resp: 6058
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.5



#54
1,2-Dibromoethane
Concen: 2.259 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion:107 Resp: 7590
Ion Ratio Lower Upper
107 100
109 94.8 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 10.914 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

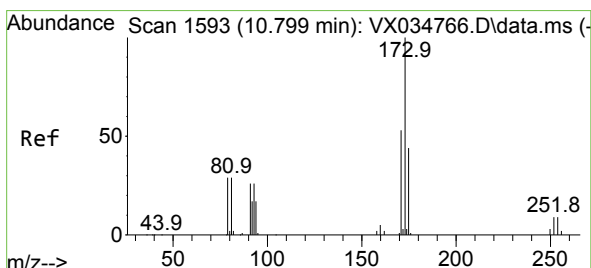
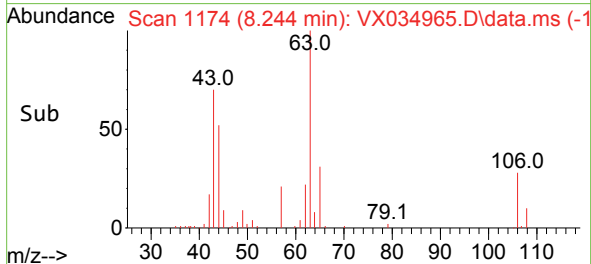
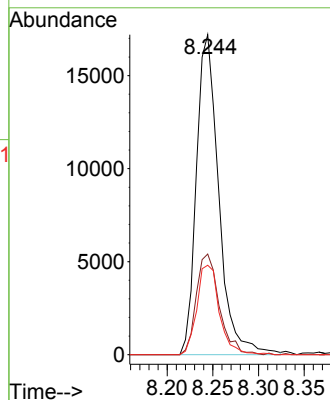
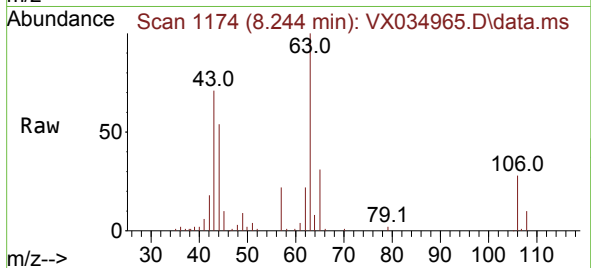
Tgt Ion: 63 Resp: 29282

Ion Ratio Lower Upper

63 100

65 32.0 25.4 38.2

106 28.1 21.6 32.4



#56

Bromoform

Concen: 1.633 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

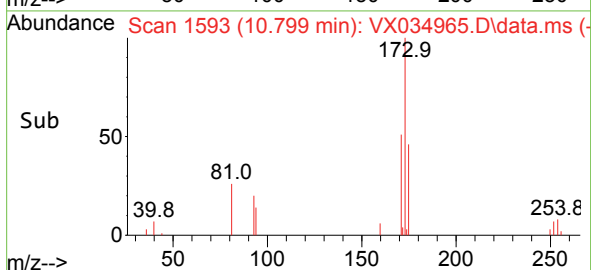
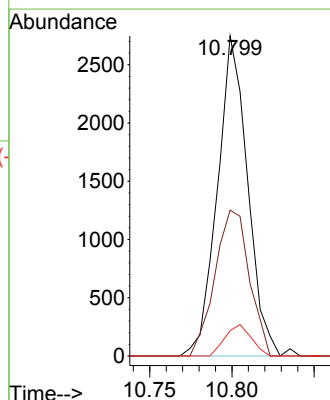
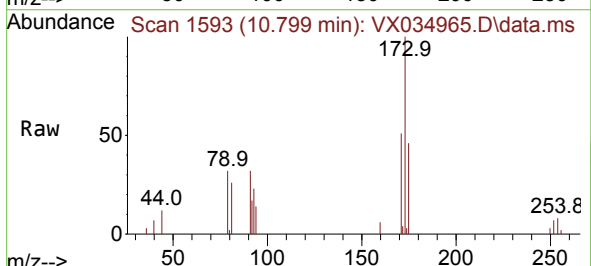
Tgt Ion: 173 Resp: 3500

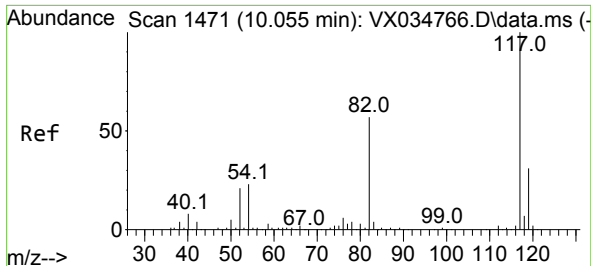
Ion Ratio Lower Upper

173 100

175 52.1 37.0 55.4

254 8.5 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: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

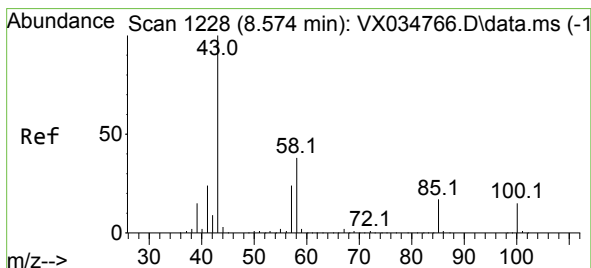
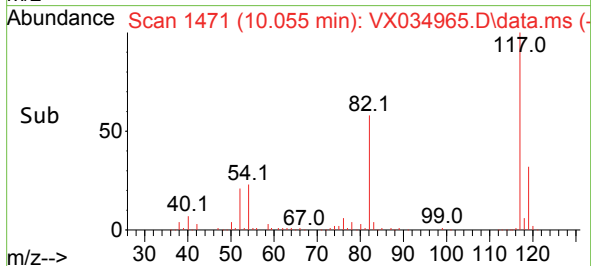
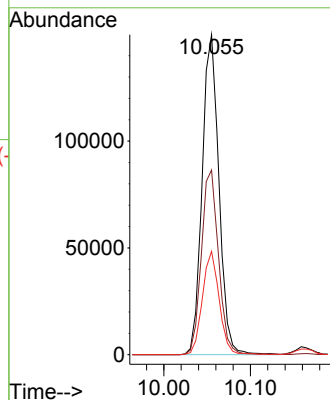
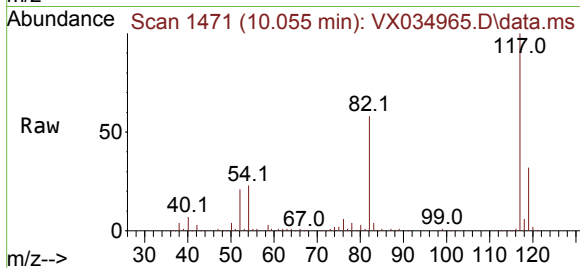
Tgt Ion:117 Resp: 201805

Ion Ratio Lower Upper

117 100

82 59.0 45.8 68.8

119 32.2 25.4 38.0



#58

4-Methyl-2-Pentanone

Concen: 12.370 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

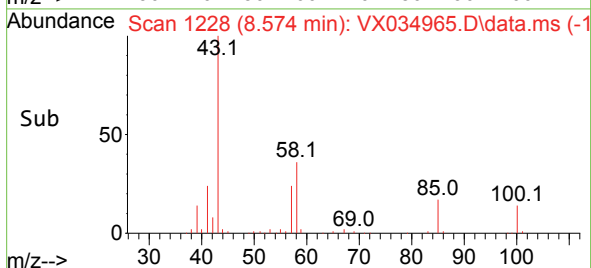
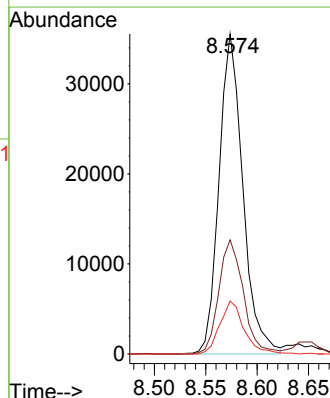
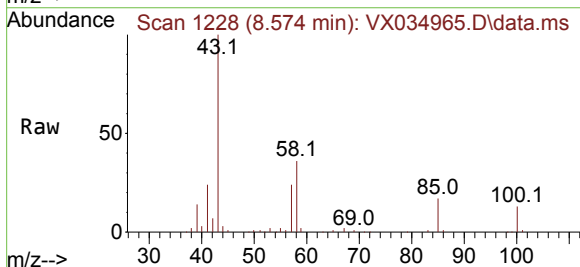
Tgt Ion: 43 Resp: 57236

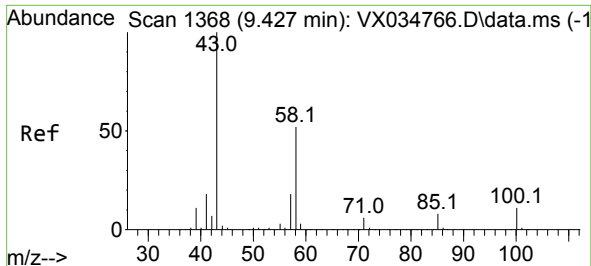
Ion Ratio Lower Upper

43 100

58 36.7 29.9 44.9

85 16.8 13.2 19.8

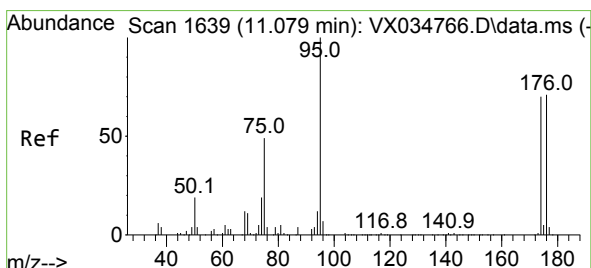
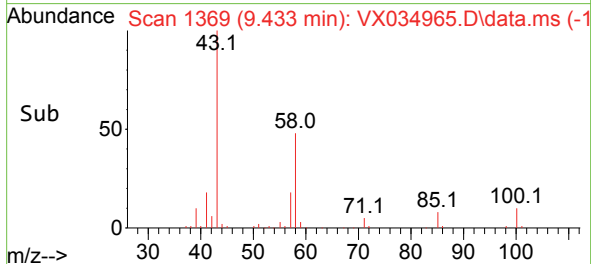
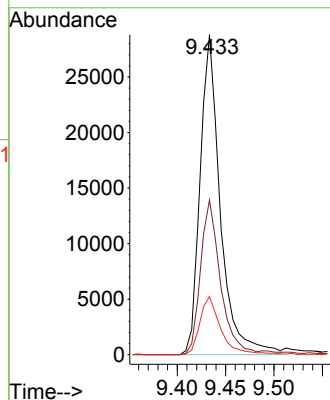
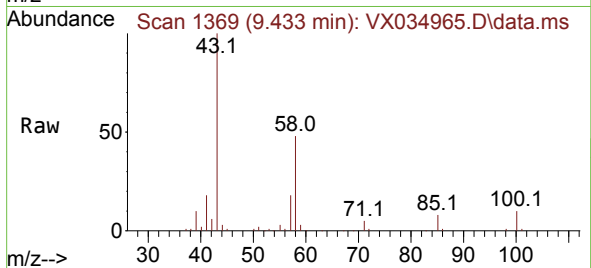




#59
2-Hexanone
Concen: 12.056 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

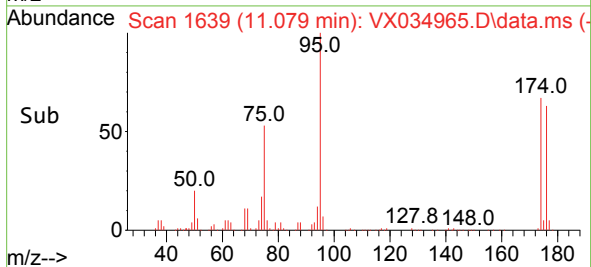
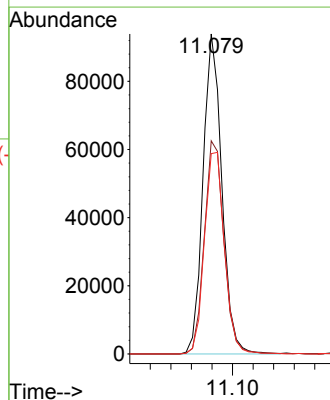
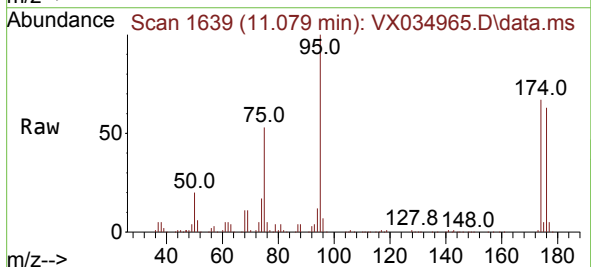
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

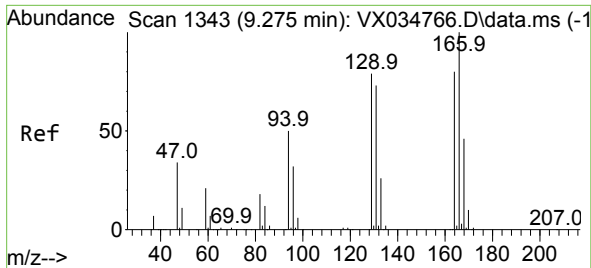
Tgt Ion: 43	Resp: 41998
Ion Ratio	Lower Upper
43 100	
58 47.5	41.7 62.5
57 18.8	14.7 22.1



#60
4-Bromofluorobenzene
Concen: 29.604 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 95	Resp: 119374
Ion Ratio	Lower Upper
95 100	
174 69.5	0.2 0.4#
176 67.4	0.2 0.2#

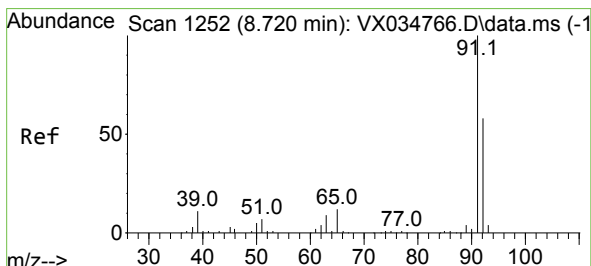
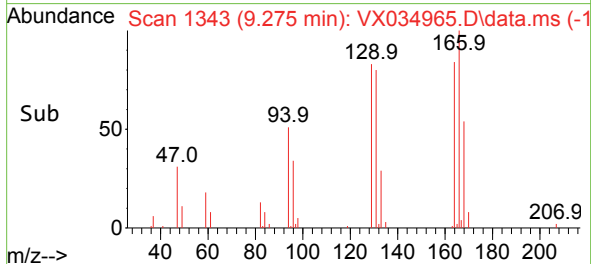
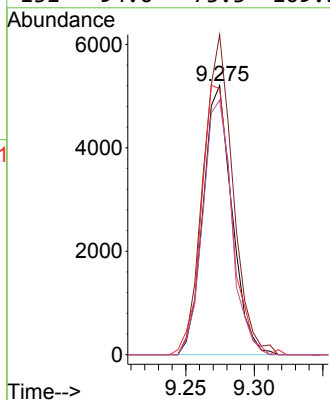
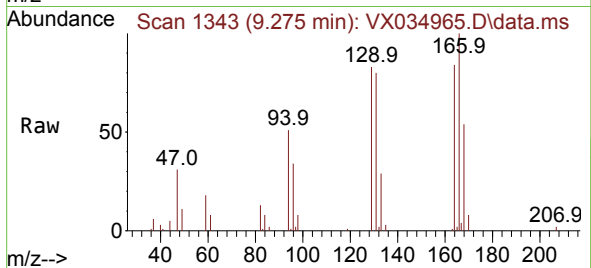




#61
Tetrachloroethene
Concen: 2.807 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

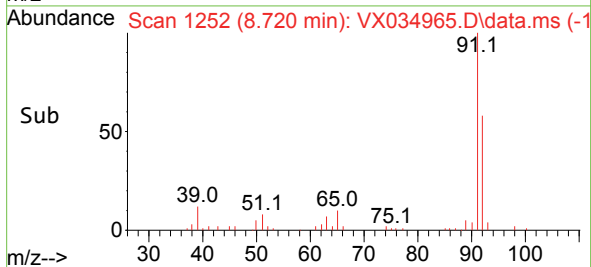
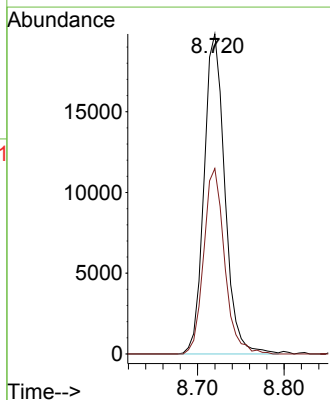
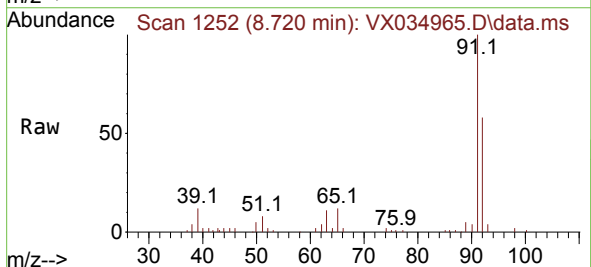
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

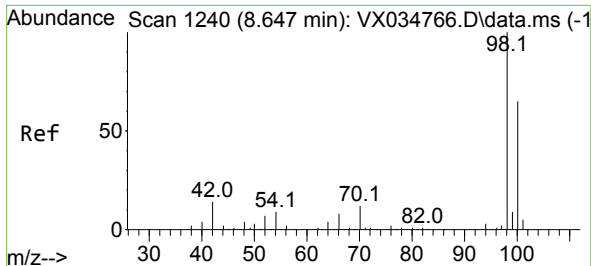
Tgt	Ion:164	Resp:	7633
Ion	Ratio	Lower	Upper
164	100		
166	118.9	100.1	150.1
129	97.0	79.1	118.7
131	94.6	73.3	109.9



#62
Toluene
Concen: 2.504 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 91	Resp:	33048	
Ion	Ratio	Lower	Upper
91	100		
92	58.2	46.5	69.7

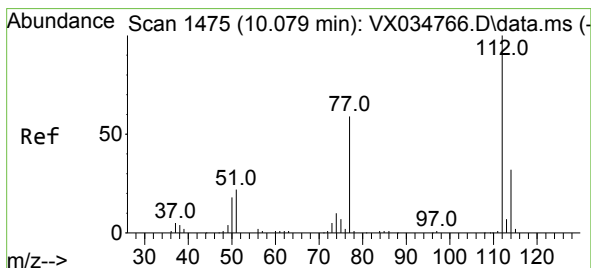
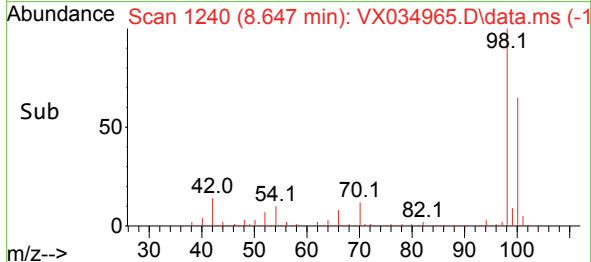
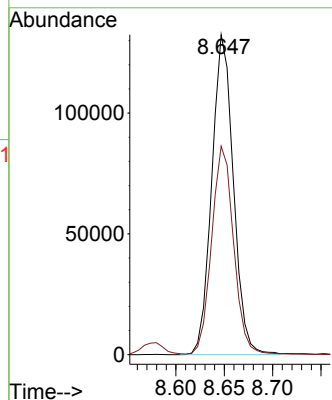
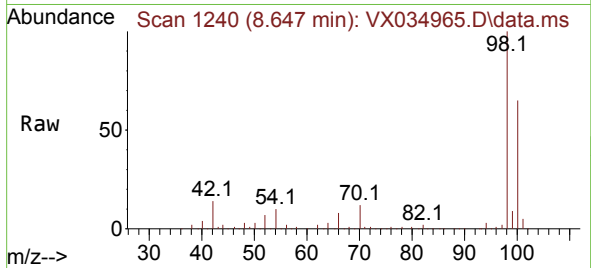




#63
Toluene-d8
Concen: 30.004 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

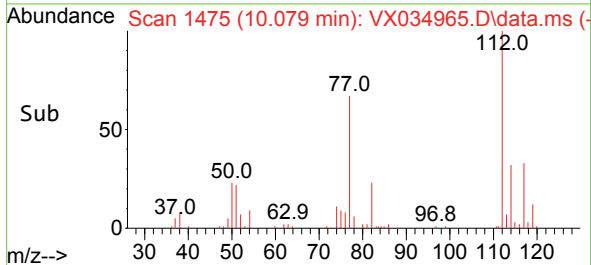
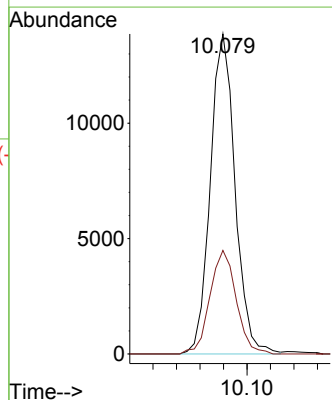
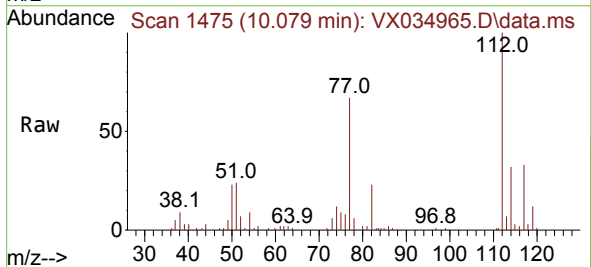
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

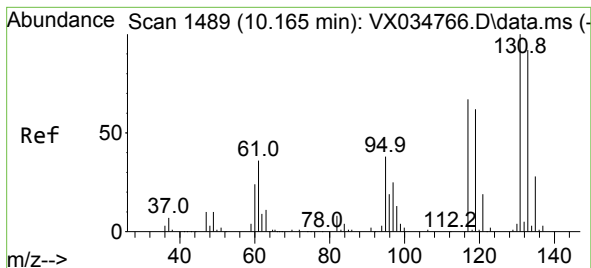
Tgt Ion: 98 Resp: 205769
Ion Ratio Lower Upper
98 100
100 66.6 52.1 78.1



#64
Chlorobenzene
Concen: 2.499 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 112 Resp: 20310
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 2.028 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

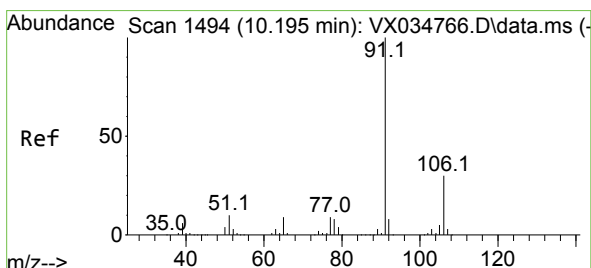
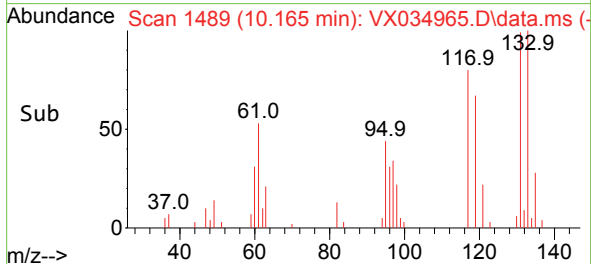
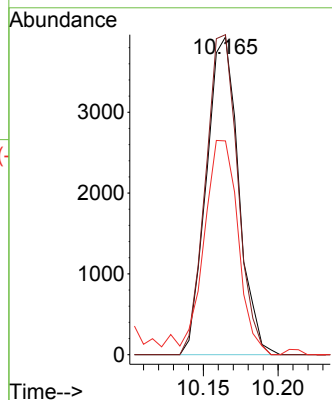
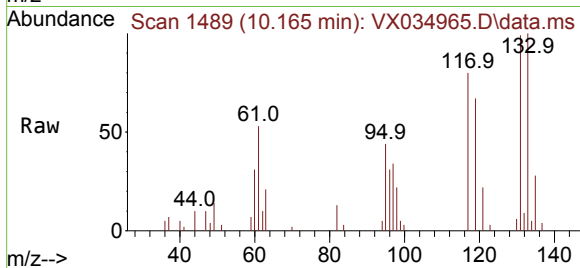
Tgt Ion:131 Resp: 5892

Ion Ratio Lower Upper

131 100

133 100.0 0.0 186.6

119 70.3 0.0 128.6



#66

Ethyl Benzene

Concen: 2.454 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034965.D

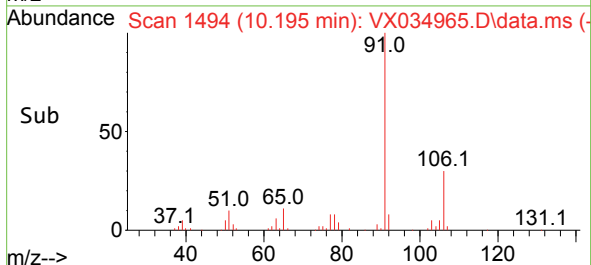
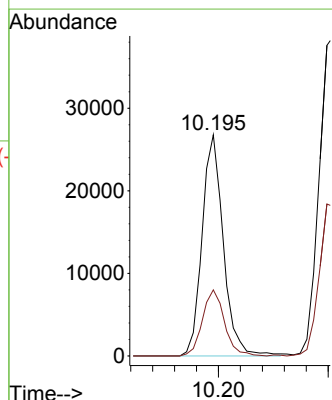
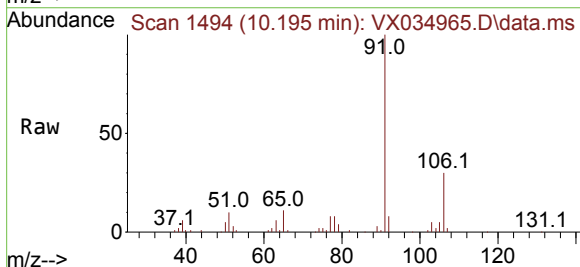
Acq: 07 Apr 2023 12:25

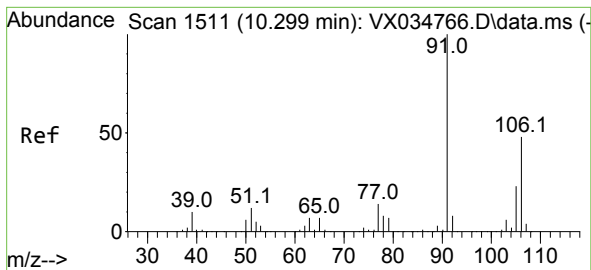
Tgt Ion: 91 Resp: 36073

Ion Ratio Lower Upper

91 100

106 29.9 24.4 36.6





#67

m/p-Xylenes

Concen: 4.873 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

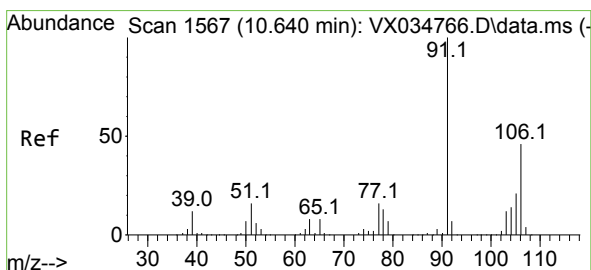
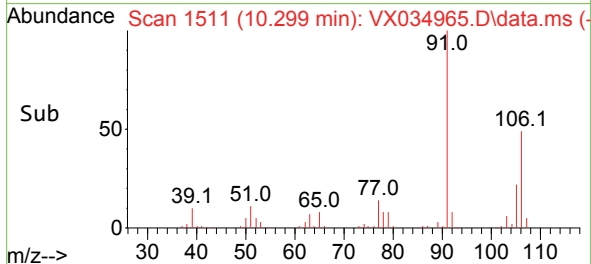
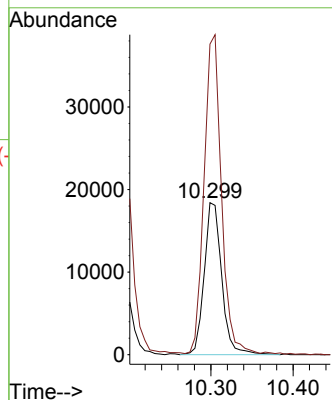
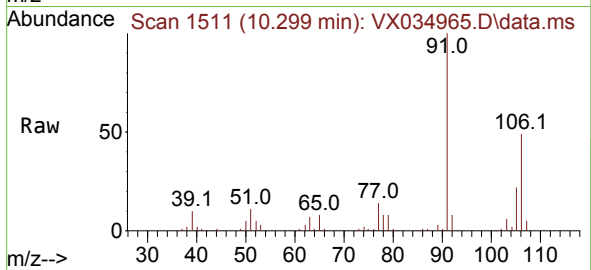
MDL-WATER-03-QT2-2023

Tgt Ion:106 Resp: 27251

Ion Ratio Lower Upper

106 100

91 208.7 167.4 251.2



#68

o-Xylene

Concen: 2.364 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX034965.D

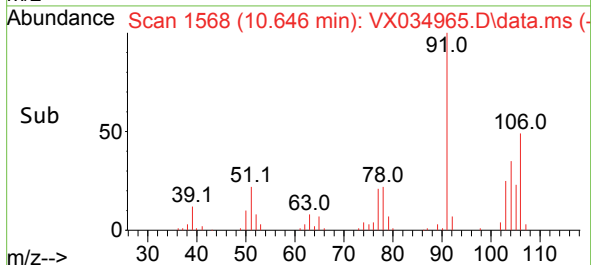
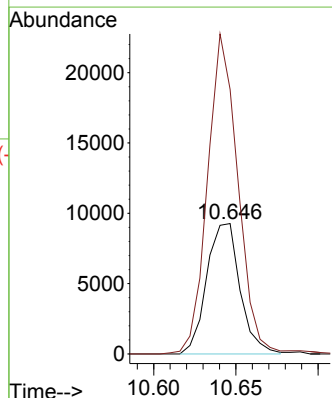
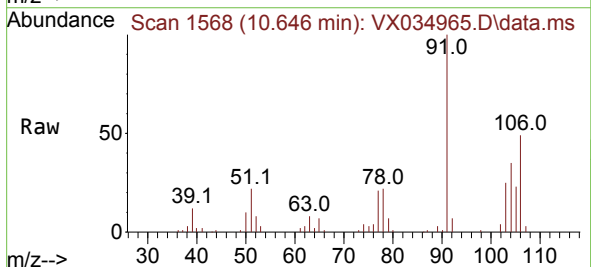
Acq: 07 Apr 2023 12:25

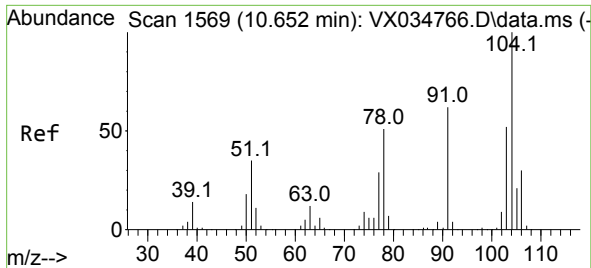
Tgt Ion:106 Resp: 13074

Ion Ratio Lower Upper

106 100

91 222.4 108.9 326.8

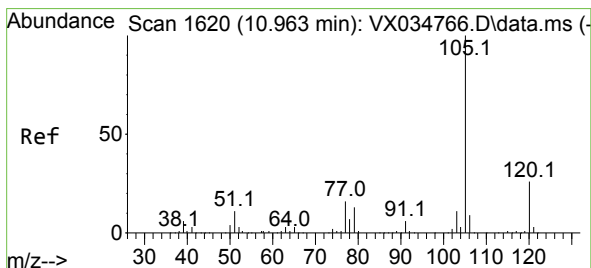
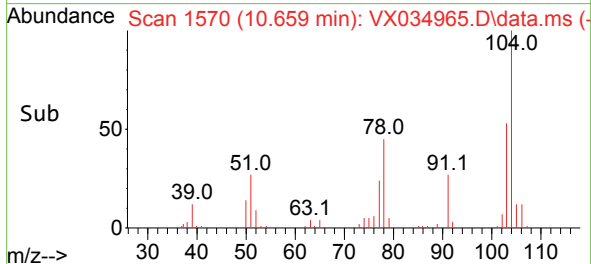
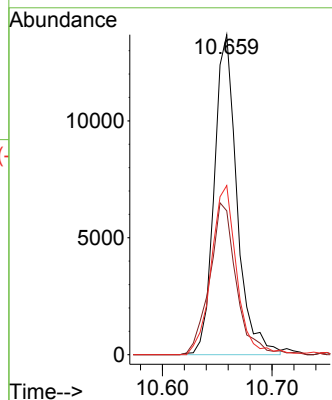
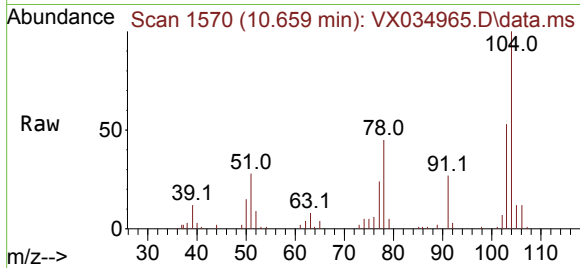




#69
Styrene
Concen: 2.165 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.007 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

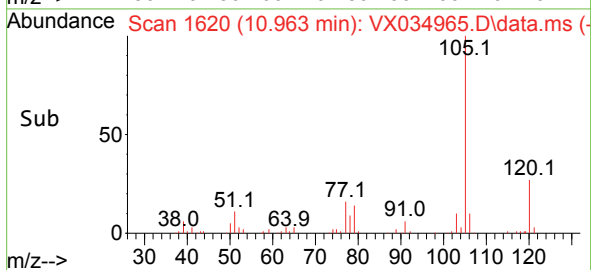
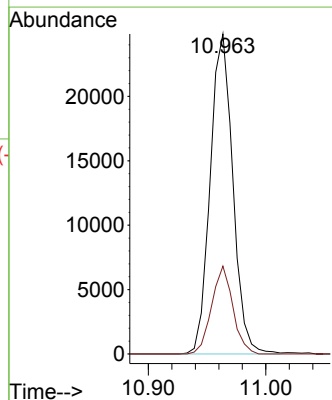
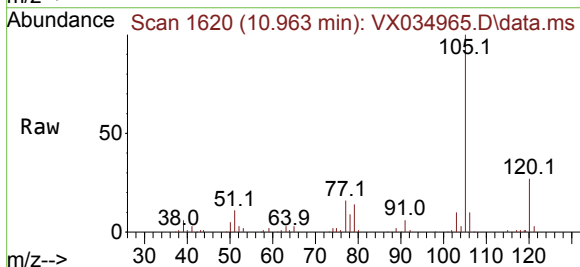
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

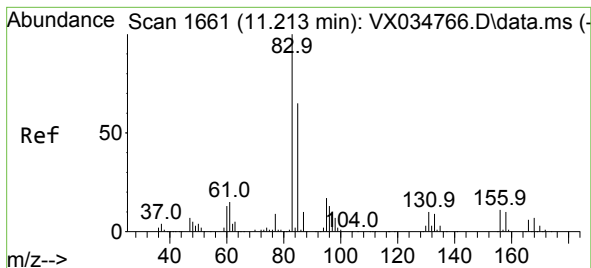
Tgt Ion:104 Resp: 19736
Ion Ratio Lower Upper
104 100
78 54.9 42.8 64.2
103 59.2 43.8 65.8



#70
Isopropylbenzene
Concen: 2.324 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion:105 Resp: 33257
Ion Ratio Lower Upper
105 100
120 25.8 18.5 34.3

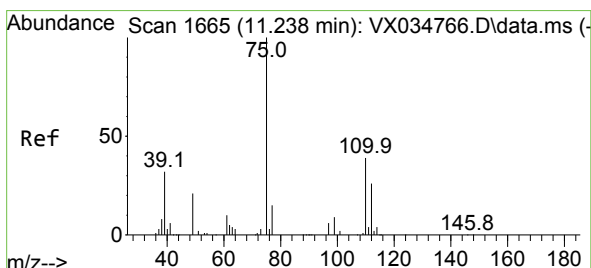
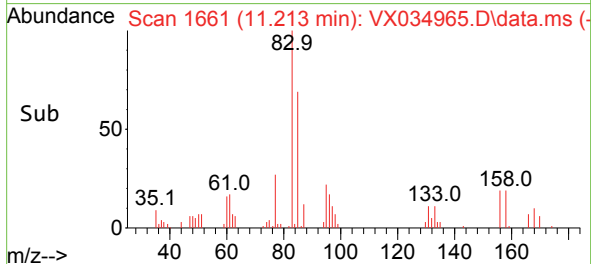
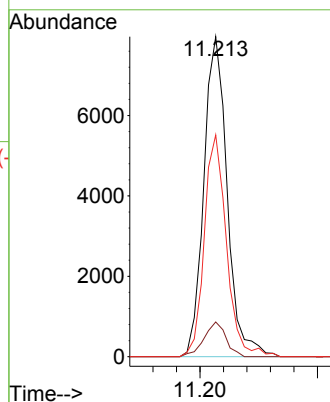
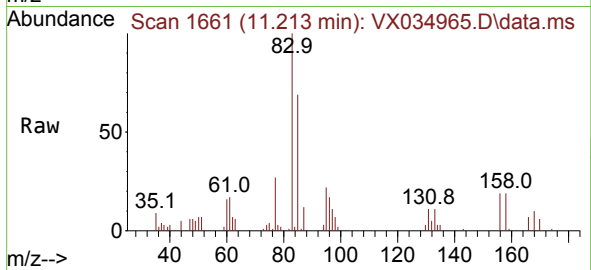




#71
1,1,2,2-Tetrachloroethane
Concen: 2.332 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

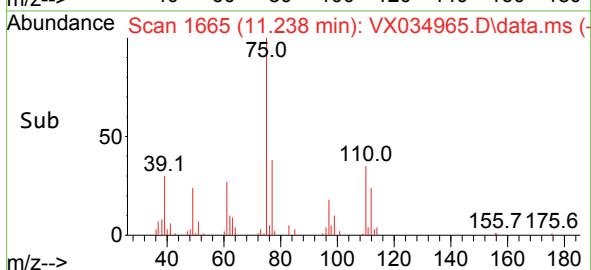
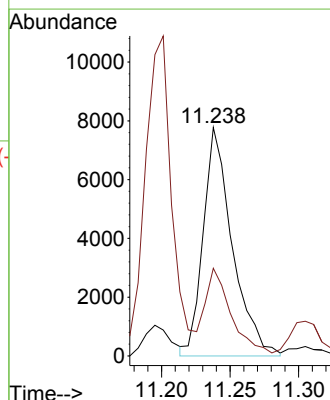
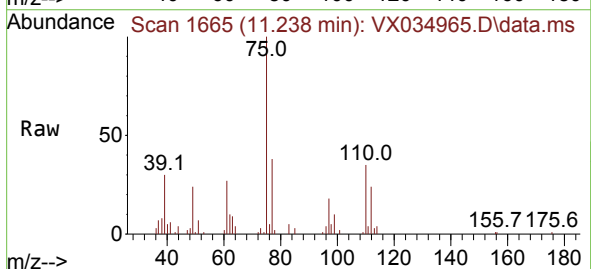
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023

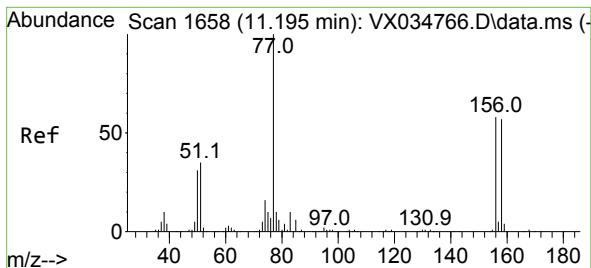
Tgt Ion: 83 Resp: 10971
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.2
85 64.5 31.9 95.5



#72
1,2,3-Trichloropropane
Concen: 2.676 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 75 Resp: 11460
Ion Ratio Lower Upper
75 100
77 34.5 0.0 73.8





#73

Bromobenzene

Concen: 2.453 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

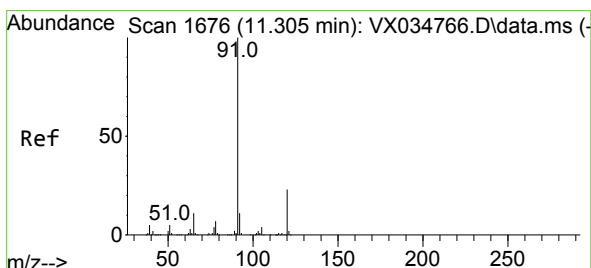
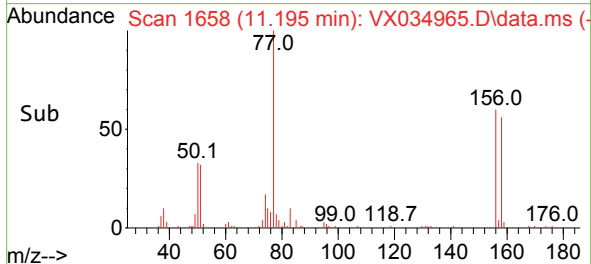
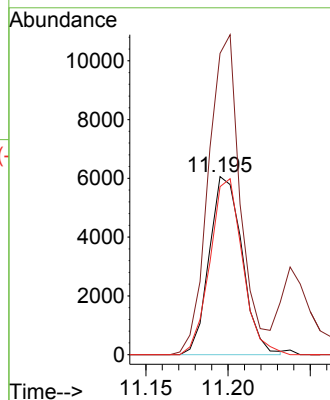
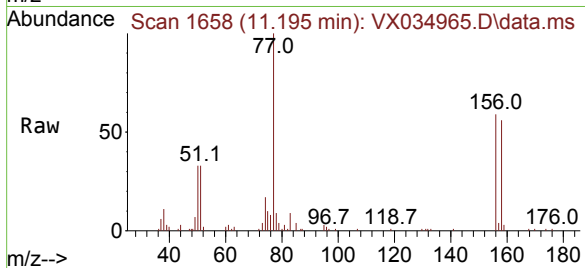
Tgt Ion:156 Resp: 8432

Ion Ratio Lower Upper

156 100

77 175.5 0.0 330.8

158 97.9 0.0 193.4



#74

n-propylbenzene

Concen: 2.270 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX034965.D

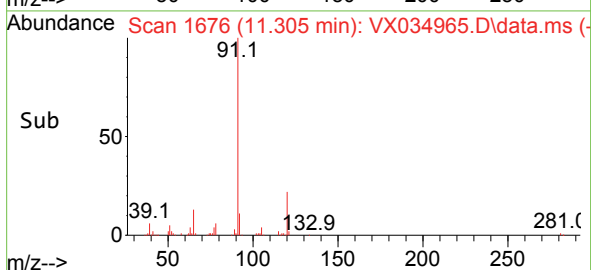
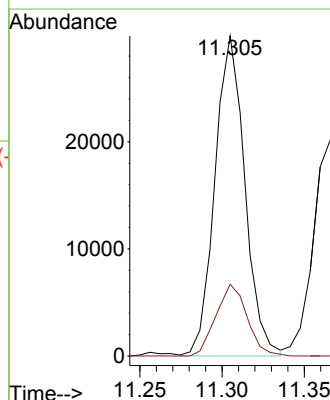
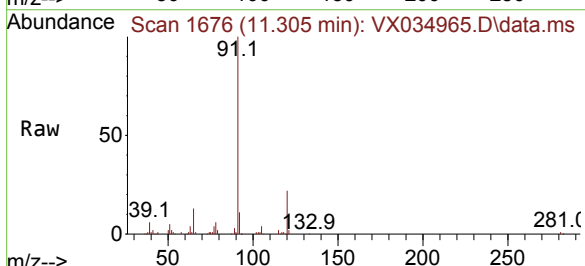
Acq: 07 Apr 2023 12:25

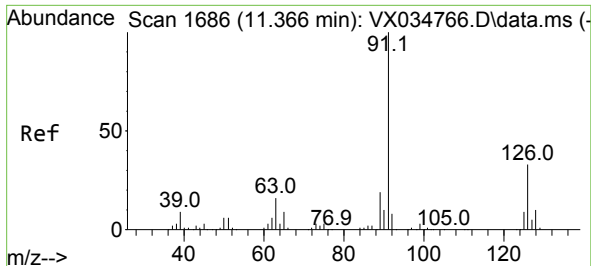
Tgt Ion: 91 Resp: 37827

Ion Ratio Lower Upper

91 100

120 23.3 0.0 44.8

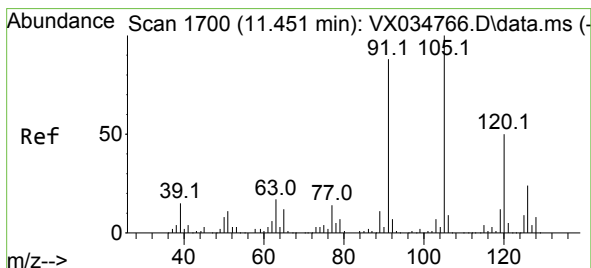
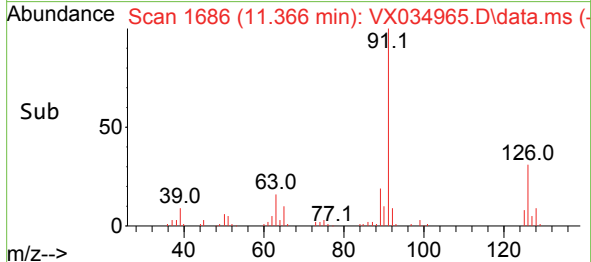
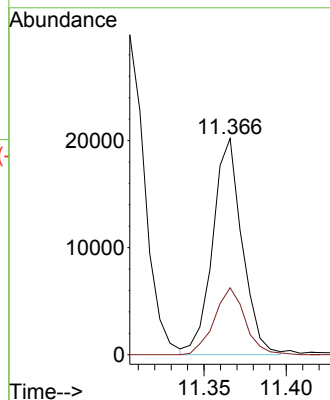
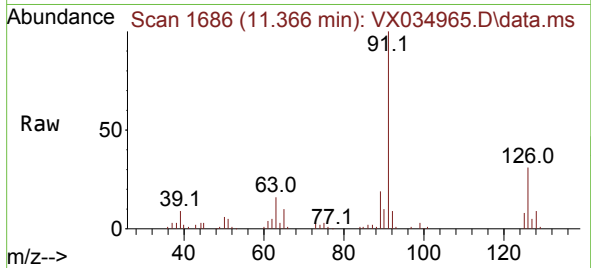




#75
2-Chlorotoluene
Concen: 2.425 ug/l
RT: 11.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

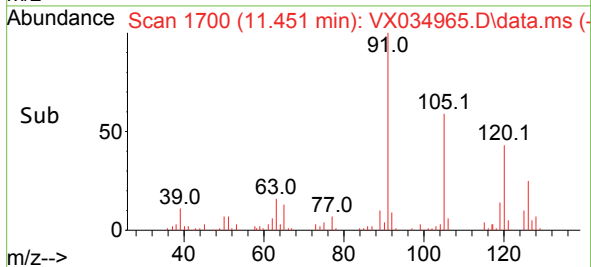
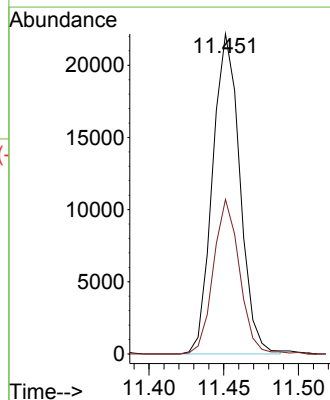
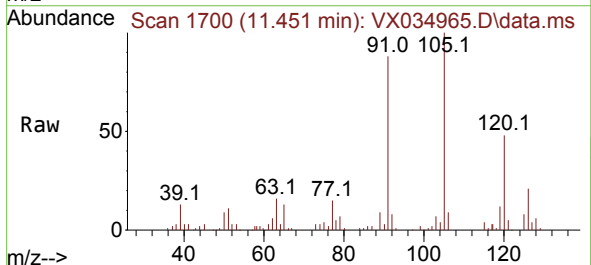
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

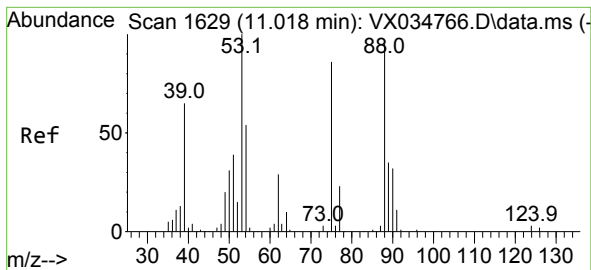
Tgt Ion: 91 Resp: 25185
Ion Ratio Lower Upper
91 100
126 32.3 0.0 66.4



#76
1,3,5-Trimethylbenzene
Concen: 2.340 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 105 Resp: 28197
Ion Ratio Lower Upper
105 100
120 46.3 0.0 96.4

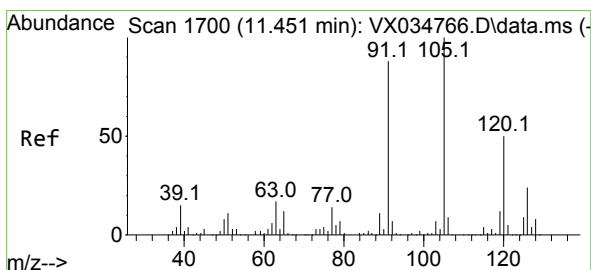
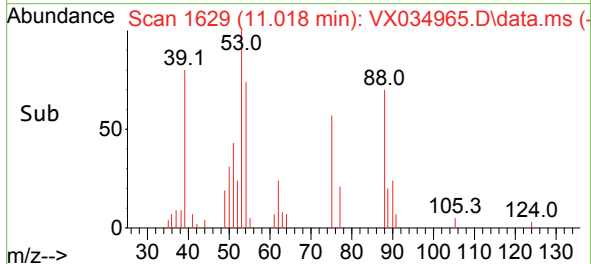
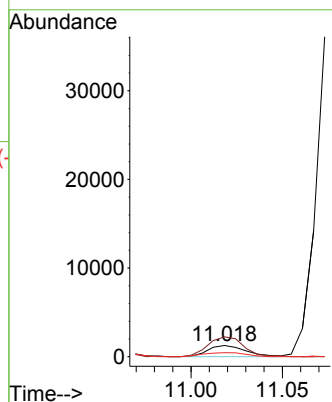
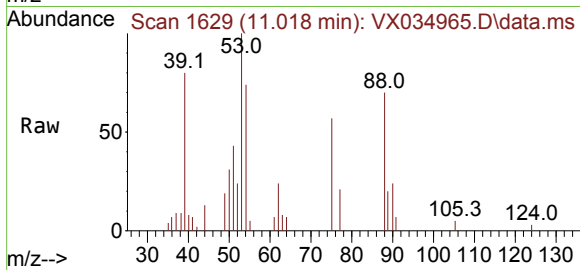




#77
t-1,4-Dichloro-2-butene
Concen: 1.389 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

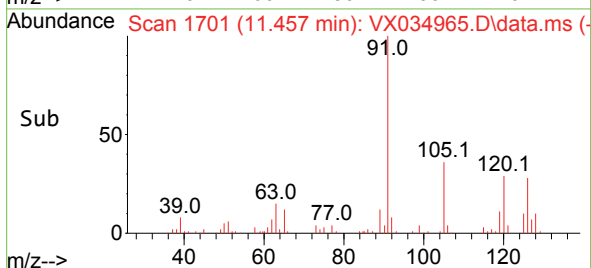
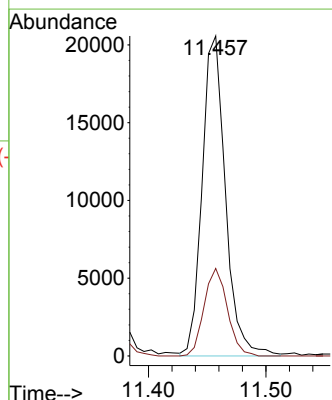
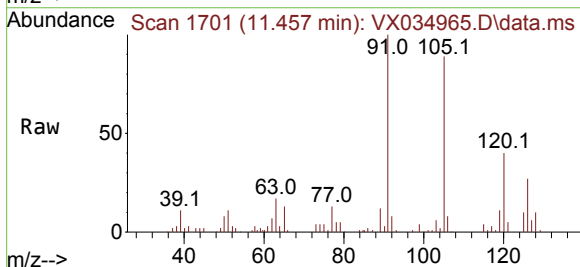
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023

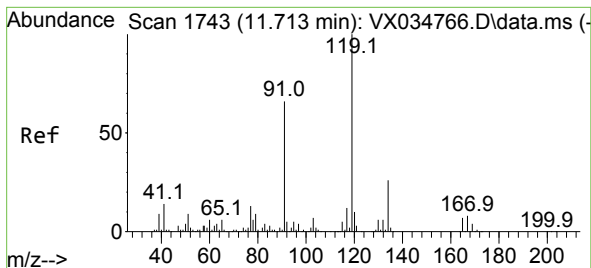
Tgt Ion: 75 Resp: 1827
Ion Ratio Lower Upper
75 100
53 176.8 58.2 174.6#
89 35.3 20.6 61.8



#78
4-Chlorotoluene
Concen: 2.385 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 91 Resp: 28399
Ion Ratio Lower Upper
91 100
126 27.2 0.0 56.8





#79

tert-butylbenzene

Concen: 2.307 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

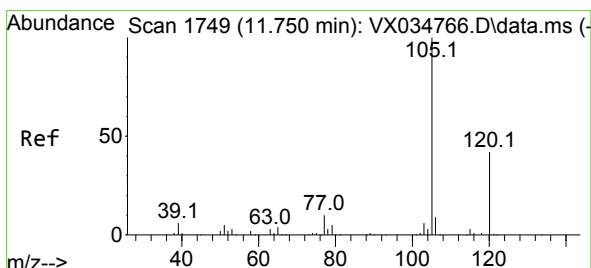
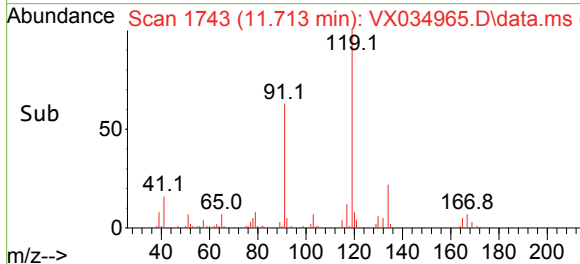
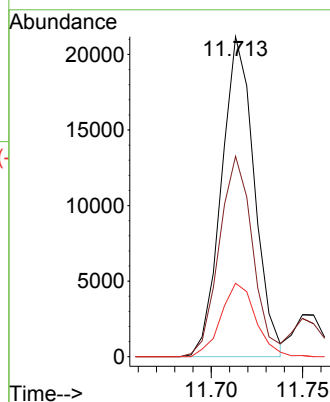
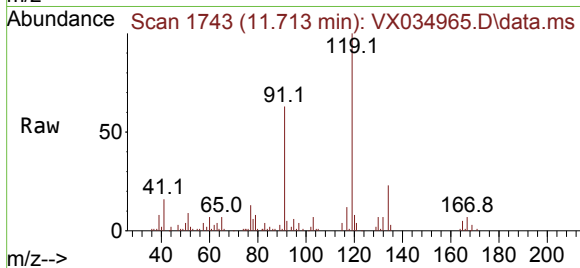
Tgt Ion:119 Resp: 26537

Ion Ratio Lower Upper

119 100

91 64.0 0.0 122.4

134 24.3 0.0 49.2



#80

1,2,4-Trimethylbenzene

Concen: 2.288 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034965.D

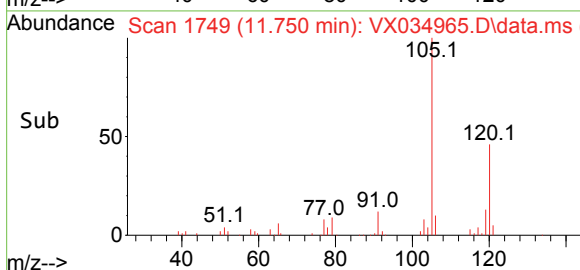
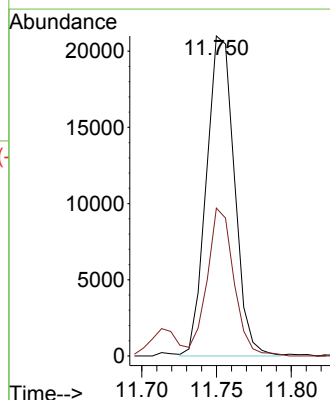
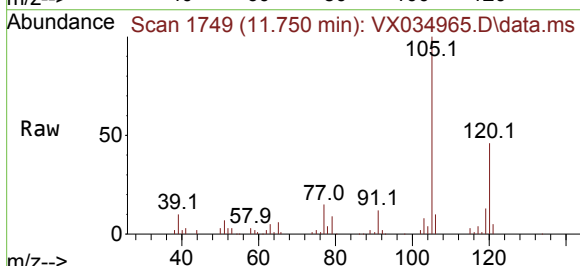
Acq: 07 Apr 2023 12:25

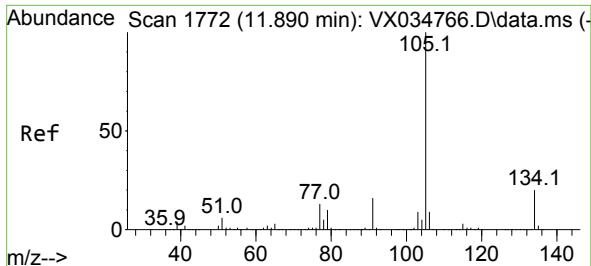
Tgt Ion:105 Resp: 27398

Ion Ratio Lower Upper

105 100

120 43.9 0.0 90.4

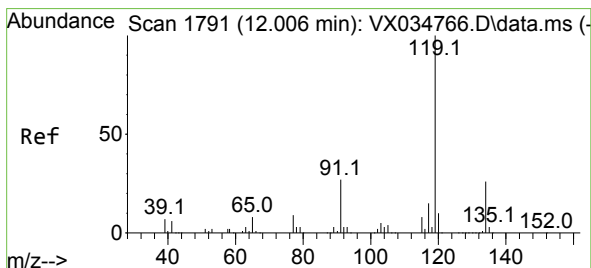
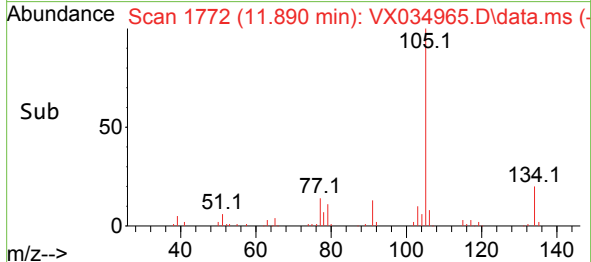
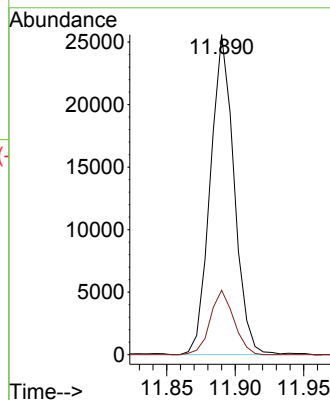
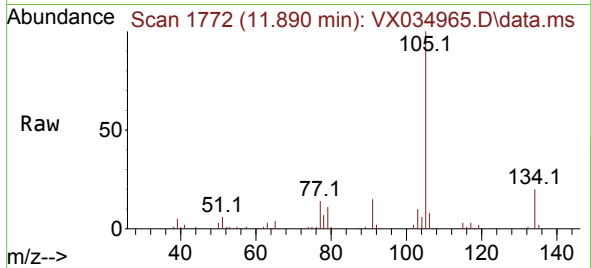




#81
 sec-Butylbenzene
 Concen: 2.214 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034965.D
 Acq: 07 Apr 2023 12:25

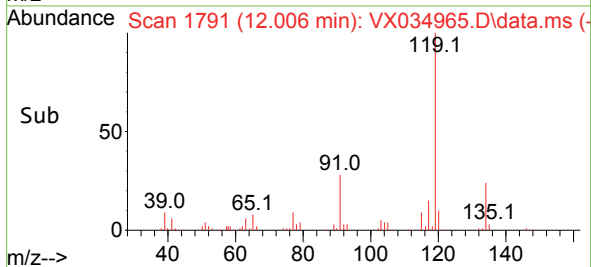
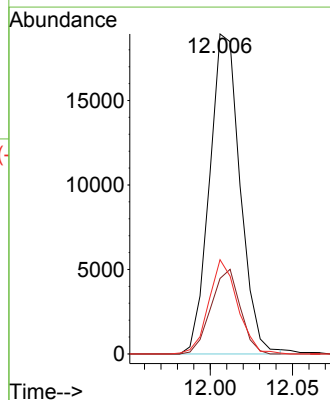
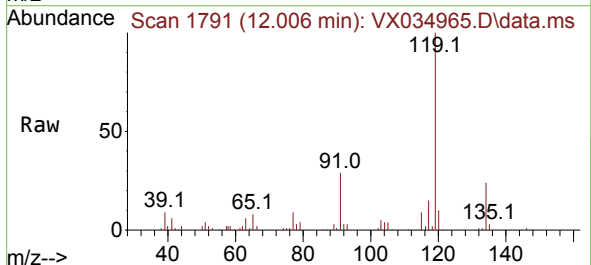
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2023

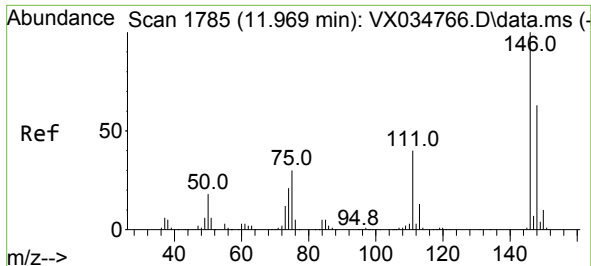
Tgt Ion:105 Resp: 30856
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 2.085 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034965.D
 Acq: 07 Apr 2023 12:25

Tgt Ion:119 Resp: 24523
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.2
 91 27.7 0.0 51.0

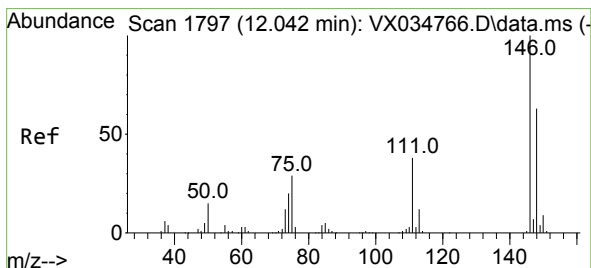
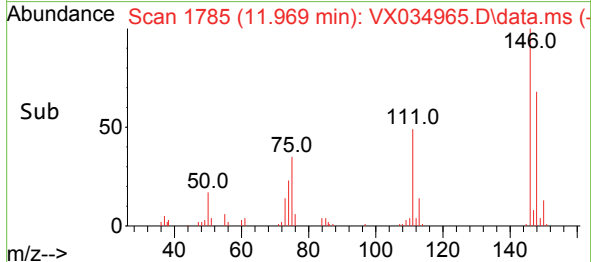
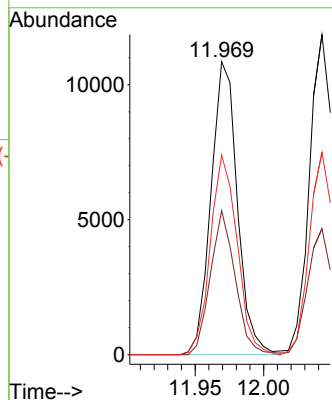
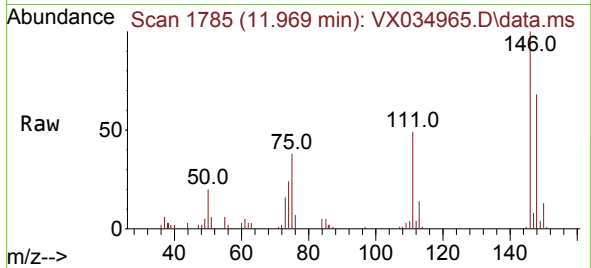




#83
1,3-Dichlorobenzene
Concen: 2.245 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

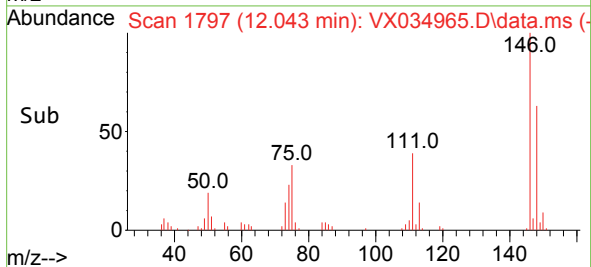
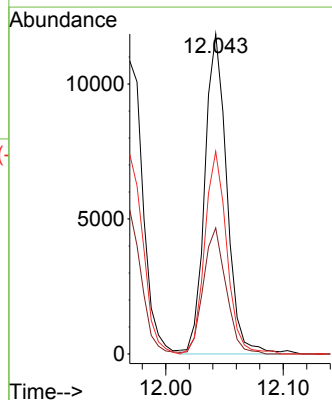
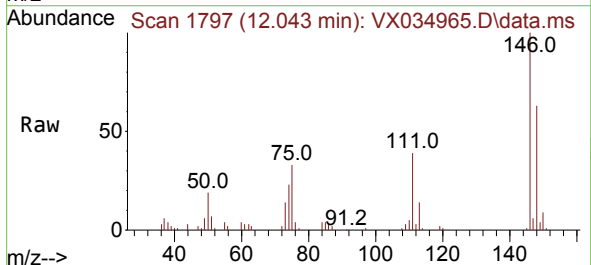
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

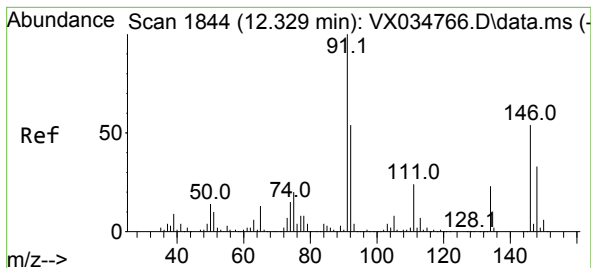
Tgt Ion:146 Resp: 14572
Ion Ratio Lower Upper
146 100
111 46.3 20.6 61.9
148 69.2 31.6 94.7



#84
1,4-Dichlorobenzene
Concen: 2.365 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion:146 Resp: 15419
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 63.3 31.8 95.3





#85

n-Butylbenzene

Concen: 2.027 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

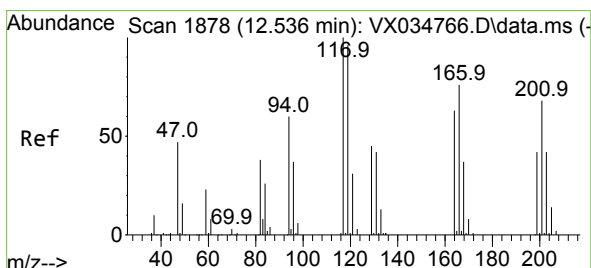
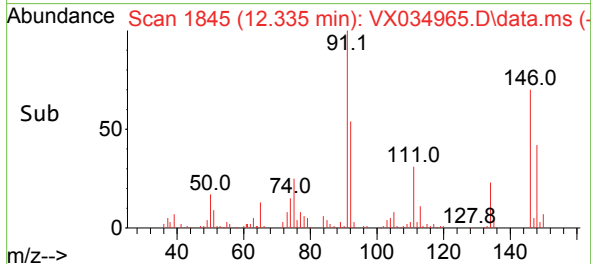
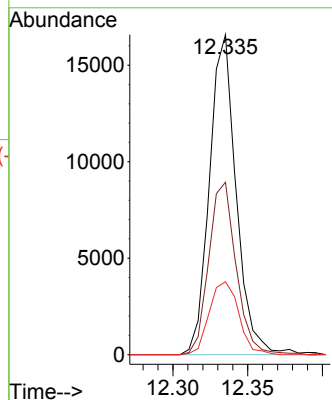
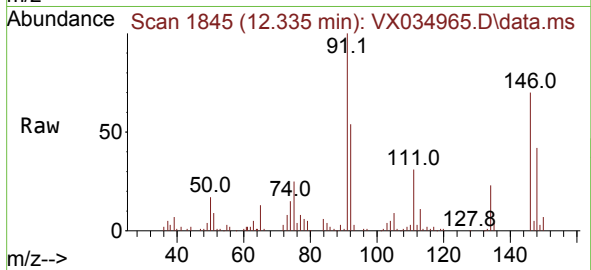
Tgt Ion: 91 Resp: 20542

Ion Ratio Lower Upper

91 100

92 55.5 0.0 107.6

134 25.2 0.0 49.8



#86

Hexachloroethane

Concen: 1.791 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034965.D

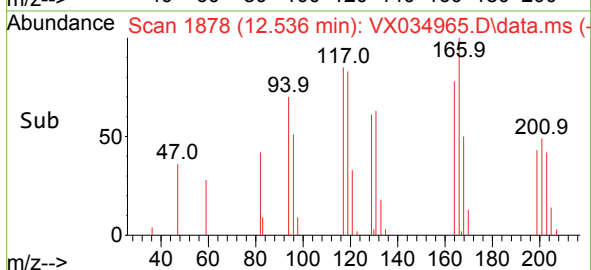
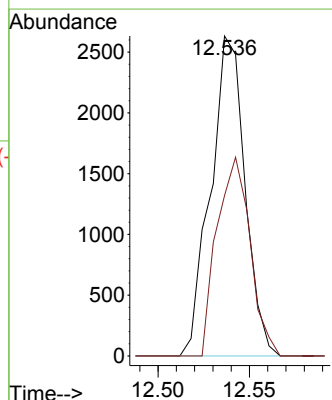
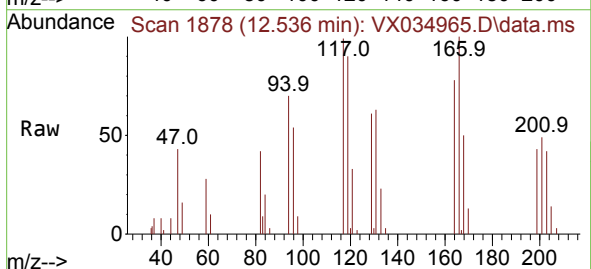
Acq: 07 Apr 2023 12:25

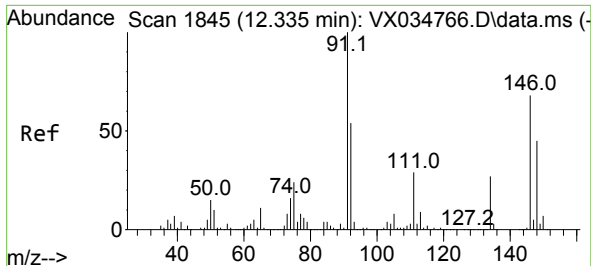
Tgt Ion: 117 Resp: 3449

Ion Ratio Lower Upper

117 100

201 59.8 35.4 106.2

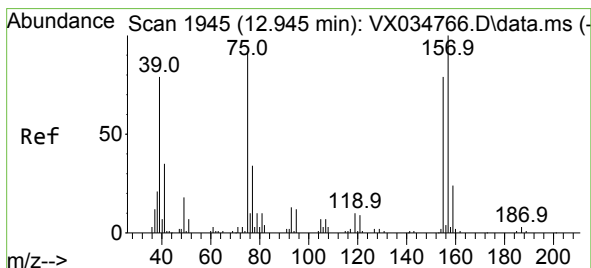
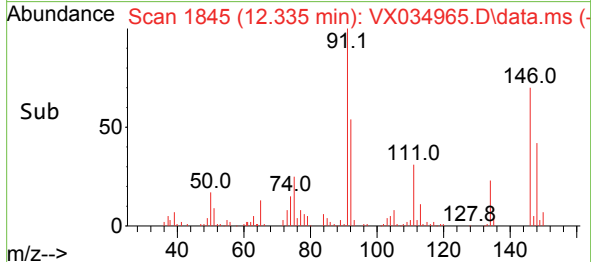
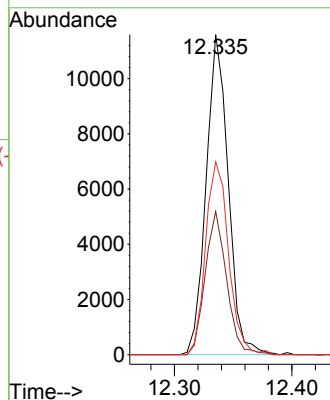
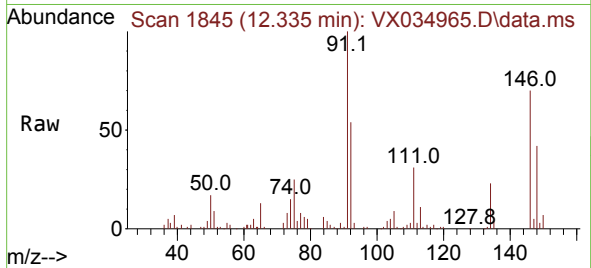




#87
1,2-Dichlorobenzene
Concen: 2.379 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

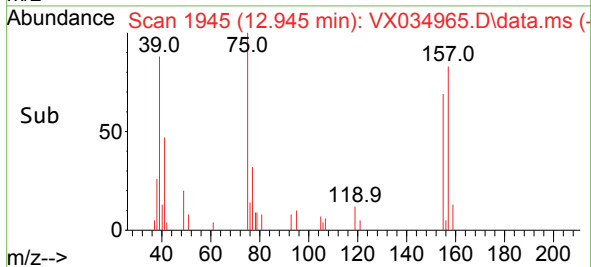
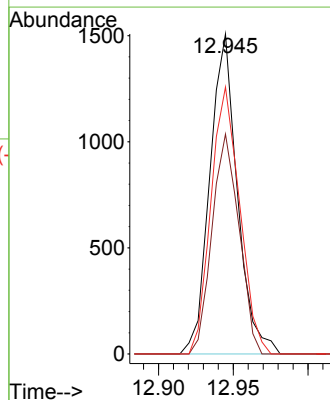
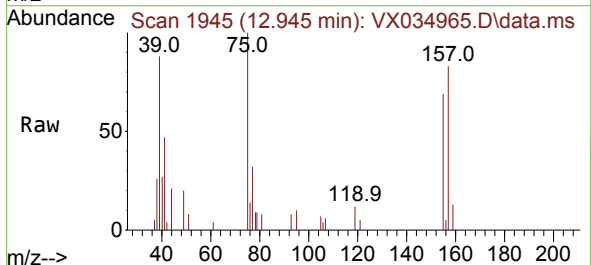
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

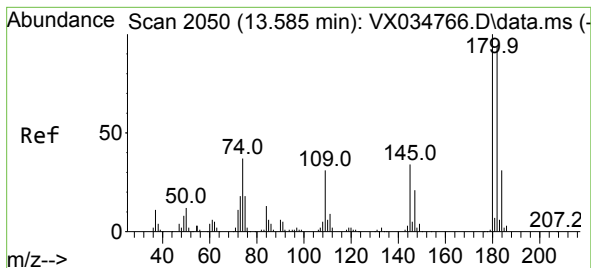
Tgt Ion:146 Resp: 15112
Ion Ratio Lower Upper
146 100
111 43.4 21.3 64.0
148 62.5 31.7 95.1



#88
1,2-Dibromo-3-Chloropropane
Concen: 1.876 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion: 75 Resp: 1929
Ion Ratio Lower Upper
75 100
155 67.4 63.7 95.5
157 87.2 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 2.110 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

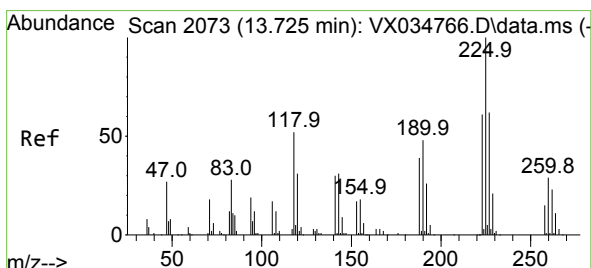
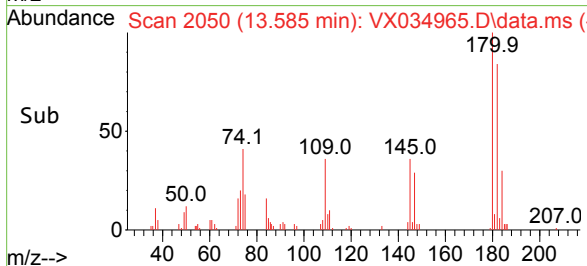
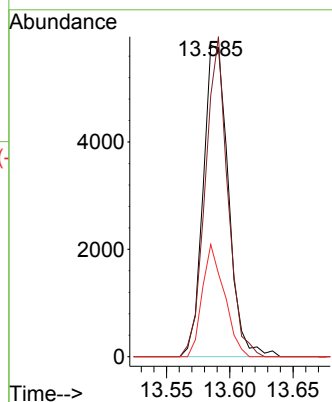
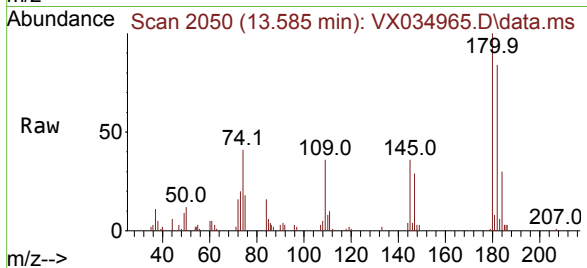
Tgt Ion:180 Resp: 8039

Ion Ratio Lower Upper

180 100

182 91.4 75.8 113.8

145 31.4 25.8 38.6



#90

Hexachlorobutadiene

Concen: 2.803 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034965.D

Acq: 07 Apr 2023 12:25

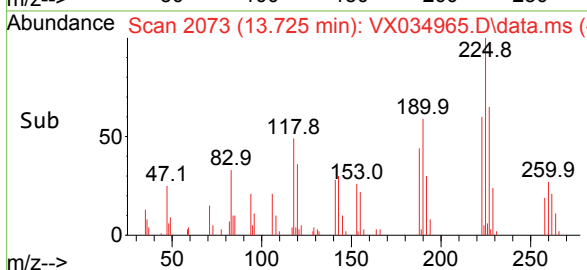
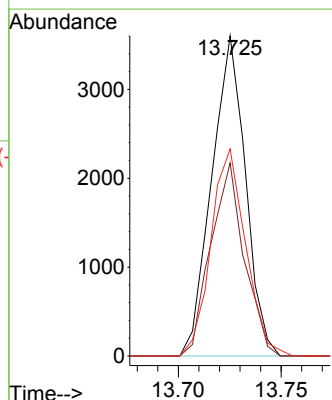
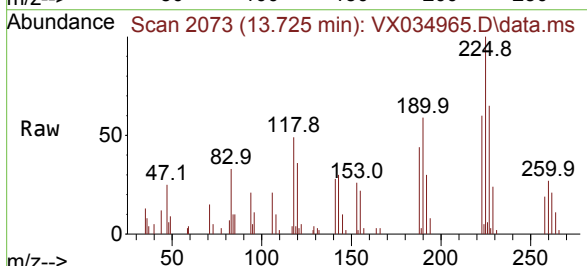
Tgt Ion:225 Resp: 4119

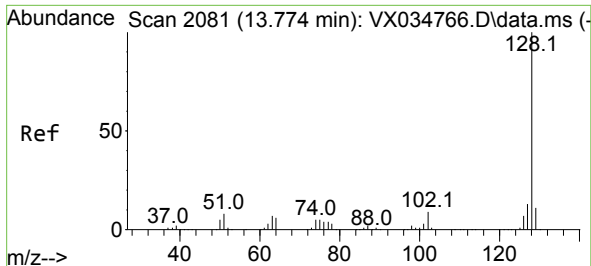
Ion Ratio Lower Upper

225 100

223 60.0 0.0 124.2

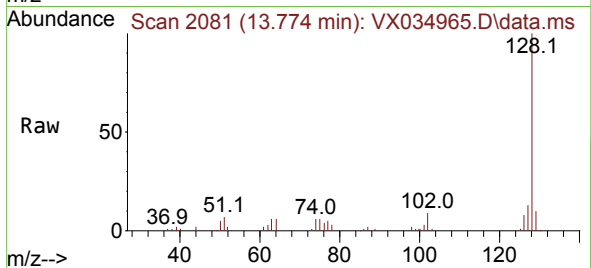
227 66.6 0.0 122.8



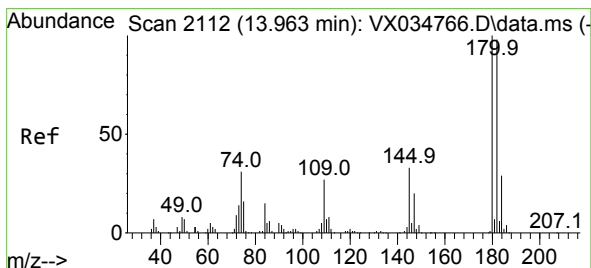
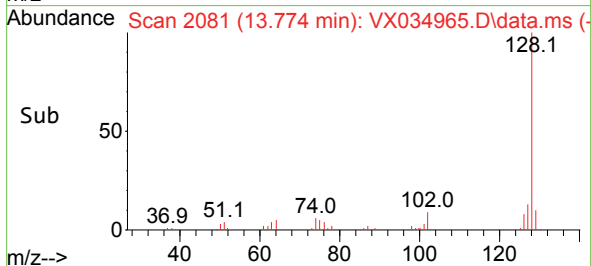
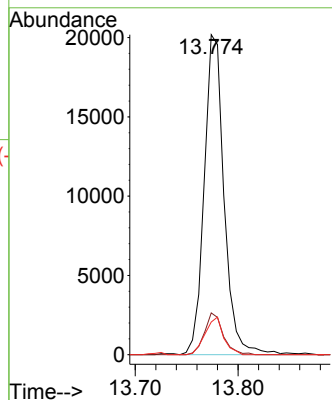


#91
Naphthalene
Concen: 2.023 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion:128	Resp:	27238	
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	10.9	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 2.148 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034965.D
Acq: 07 Apr 2023 12:25

Tgt Ion:180	Resp:	8182	
Ion	Ratio	Lower	Upper
180	100		
182	99.1	0.0	191.0
145	36.0	0.0	66.8

