

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038279.D
 Acq On : 13 Oct 2023 12:33
 Operator : JC/MD
 Sample : 04699-09 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Quant Time: Oct 14 00:56:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 14 00:55:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	122803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100225	50.741	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.480%	
35) Dibromofluoromethane	5.385	113	74370	47.965	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.940%	
50) Toluene-d8	8.647	98	284118	47.954	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	11.079	95	105107	46.794	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.580%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.172	85	62	0.052	ug/l #	41
3) Chloromethane	1.307	50	131	0.108	ug/l #	43
4) Vinyl Chloride	1.374	62	148	0.110	ug/l #	80
5) Bromomethane	1.611	94	163	0.089	ug/l #	69
6) Chloroethane	1.691	64	988	0.832	ug/l #	43
7) Trichlorofluoromethane	1.886	101	350	0.132	ug/l #	78
8) Diethyl Ether	2.130	74	79	0.080	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.325	101	98	0.085	ug/l #	20
10) Methyl Iodide	2.459	142	70	0.042	ug/l #	72
11) Tert butyl alcohol	2.947	59	173	0.360	ug/l #	78
12) 1,1-Dichloroethene	2.313	96	22	0.020	ug/l #	32
13) Acrolein	2.239	56	61	0.217	ug/l #	20
14) Allyl chloride	2.660	41	184	0.092	ug/l #	57
15) Acrylonitrile	3.075	53	285	0.317	ug/l #	81
16) Acetone	2.386	43	567	0.688	ug/l #	84
17) Carbon Disulfide	2.508	76	649	0.200	ug/l #	76
18) Methyl Acetate	2.709	43	363	0.103	ug/l #	69
19) Methyl tert-butyl Ether	3.111	73	201	0.045	ug/l #	54
20) Methylene Chloride	2.788	84	570	0.368	ug/l #	71
21) trans-1,2-Dichloroethene	3.087	96	106	0.076	ug/l #	52
22) Diisopropyl ether	3.757	45	242	0.057	ug/l #	58
23) Vinyl Acetate	3.739	43	659	0.213	ug/l #	73
24) 1,1-Dichloroethane	3.605	63	84	0.033	ug/l #	83
25) 2-Butanone	4.593	43	404	0.304	ug/l #	51
26) 2,2-Dichloropropane	4.489	77	25	0.013	ug/l #	54
27) cis-1,2-Dichloroethene	4.507	96	90	0.054	ug/l #	1
29) Tetrahydrofuran	5.019	42	113	0.130	ug/l #	48
30) Chloroform	5.099	83	155	0.055	ug/l #	19
31) Cyclohexane	5.458	56	103	0.048	ug/l #	18
32) 1,1,1-Trichloroethane	5.391	97	85	0.036	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	10370	4.850	ug/l #	45
37) Ethyl Acetate	4.721	43	62	0.024	ug/l #	69
38) Carbon Tetrachloride	5.550	117	13036	6.198	ug/l #	16
39) Methylcyclohexane	7.385	83	132	0.053	ug/l #	45
40) Benzene	6.037	78	381	0.064	ug/l #	51
41) Methacrylonitrile	5.032	41	157	0.124	ug/l #	29

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038279.D
 Acq On : 13 Oct 2023 12:33
 Operator : JC/MD
 Sample : 04699-09 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

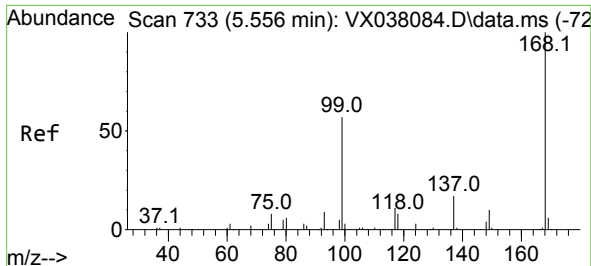
Quant Time: Oct 14 00:56:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 14 00:55:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.098	62	329	0.138	ug/l #	77
43) Isopropyl Acetate	6.361	43	34	0.009	ug/l #	62
44) Trichloroethene	7.141	130	106	0.068	ug/l	1
45) 1,2-Dichloropropane	7.434	63	54	0.035	ug/l #	44
46) Dibromomethane	7.598	93	52	0.043	ug/l #	7
47) Bromodichloromethane	7.818	83	160	0.075	ug/l #	78
48) Methyl methacrylate	7.415	41	20	0.011	ug/l #	16
49) 1,4-Dioxane	7.677	88	20	0.448	ug/l #	12
51) 4-Methyl-2-Pentanone	8.574	43	875	0.335	ug/l	93
52) Toluene	8.726	92	378	0.097	ug/l	97
53) t-1,3-Dichloropropene	8.994	75	136	0.059	ug/l #	43
54) cis-1,3-Dichloropropene	8.372	75	140	0.058	ug/l #	29
55) 1,1,2-Trichloroethane	9.165	97	74	0.044	ug/l #	52
56) Ethyl methacrylate	9.128	69	55	0.022	ug/l #	1
57) 1,3-Dichloropropane	9.317	76	157	0.058	ug/l #	67
58) 2-Chloroethyl Vinyl ether	8.257	63	395	0.315	ug/l #	81
59) 2-Hexanone	9.445	43	617	0.294	ug/l	78
60) Dibromochloromethane	9.519	129	45	0.028	ug/l #	46
61) 1,2-Dibromoethane	9.616	107	108	0.060	ug/l #	71
64) Tetrachloroethene	9.275	164	170	0.123	ug/l #	58
65) Chlorobenzene	10.079	112	488	0.109	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	93	0.061	ug/l #	29
67) Ethyl Benzene	10.201	91	734	0.092	ug/l	91
68) m/p-Xylenes	10.299	106	547	0.177	ug/l	88
69) o-Xylene	10.646	106	228	0.076	ug/l	92
70) Styrene	10.659	104	315	0.064	ug/l #	74
73) Isopropylbenzene	10.969	105	634	0.087	ug/l	98
74) N-amyl acetate	10.848	43	58	0.019	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.213	83	143	0.053	ug/l #	63
76) 1,2,3-Trichloropropane	11.079	75	57239	23.161	ug/l #	38
77) Bromobenzene	11.207	156	154	0.087	ug/l	61
78) n-propylbenzene	11.311	91	805	0.090	ug/l	86
79) 2-Chlorotoluene	11.366	91	463	0.088	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	641	0.102	ug/l	81
81) trans-1,4-Dichloro-2-b...	11.079	75	57239	73.946	ug/l #	5
82) 4-Chlorotoluene	11.463	91	624	0.100	ug/l	94
83) tert-Butylbenzene	11.713	119	567	0.092	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	587	0.094	ug/l	96
85) sec-Butylbenzene	11.896	105	771	0.097	ug/l	84
86) p-Isopropyltoluene	12.012	119	623	0.095	ug/l #	24
87) 1,3-Dichlorobenzene	11.975	146	435	0.122	ug/l	88
88) 1,4-Dichlorobenzene	11.975	146	435	0.119	ug/l	87
89) n-Butylbenzene	12.341	91	646	0.099	ug/l #	91
90) Hexachloroethane	12.536	117	66	0.061	ug/l #	17
91) 1,2-Dichlorobenzene	12.341	146	360	0.105	ug/l #	77
93) 1,2,4-Trichlorobenzene	13.597	180	360	0.156	ug/l	91
94) Hexachlorobutadiene	13.725	225	93	0.100	ug/l #	48
95) Naphthalene	13.780	128	769	0.096	ug/l #	73
96) 1,2,3-Trichlorobenzene	13.963	180	313	0.140	ug/l	73

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

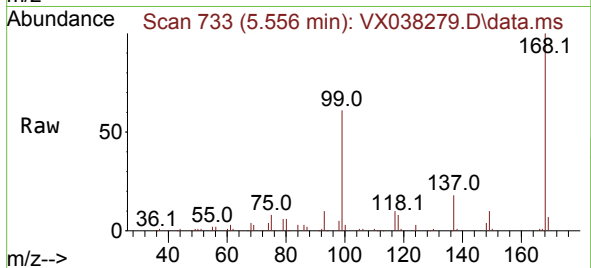
Quant Time: Oct 14 00:56:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 14 00:55:23 2023
Response via : Initial Calibration



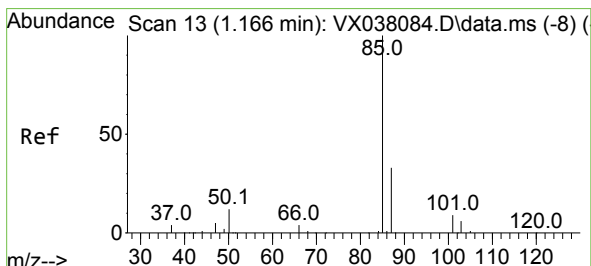
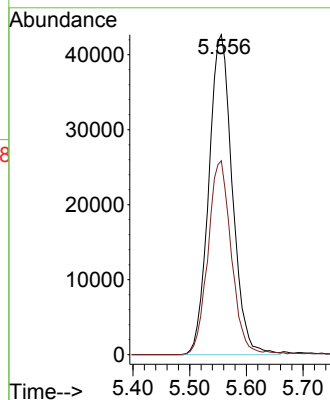
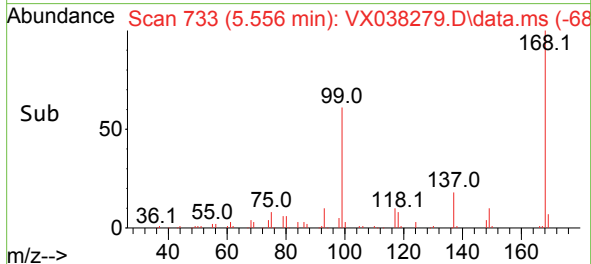


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

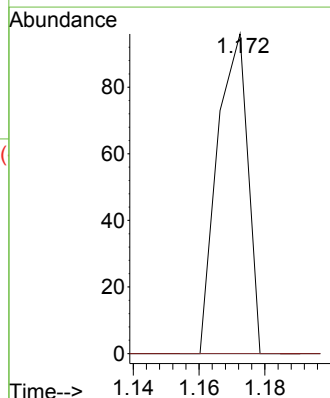
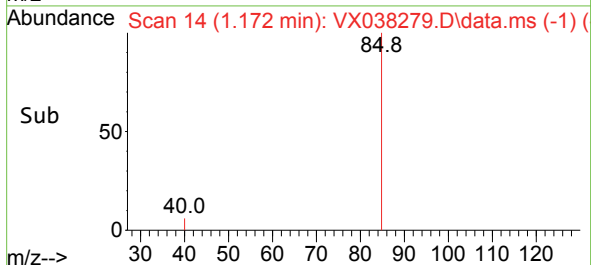
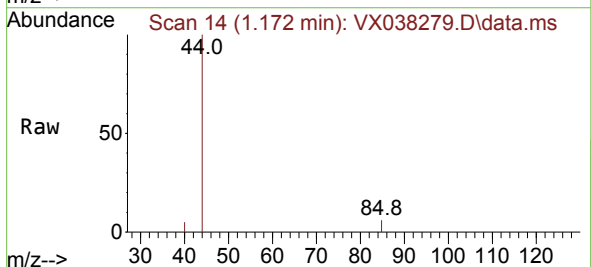


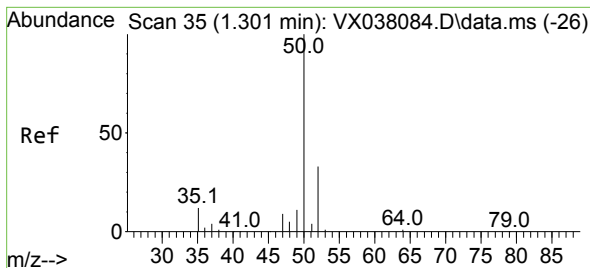
Tgt Ion:168 Resp: 122803
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.052 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 85 Resp: 62
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#





#3

Chloromethane

Concen: 0.108 ug/l

RT: 1.307 min Scan# 3

Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

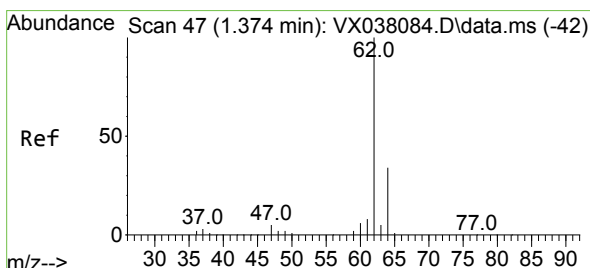
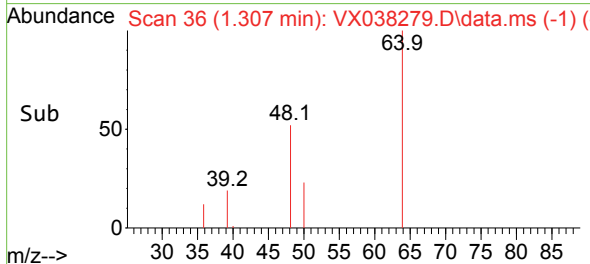
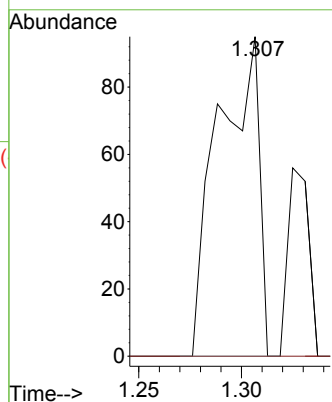
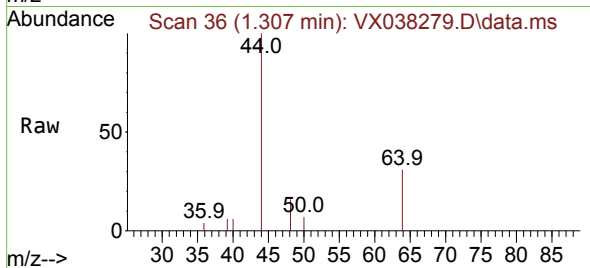
MDL-WATER-03-QT4-2023

Tgt Ion: 50 Resp: 131

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



#4

Vinyl Chloride

Concen: 0.110 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038279.D

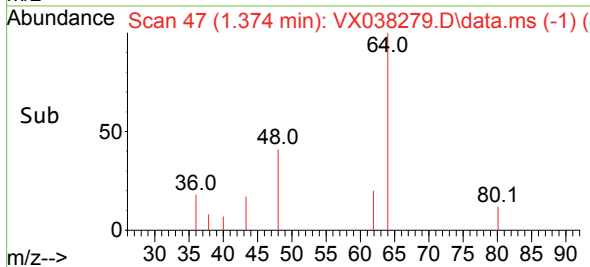
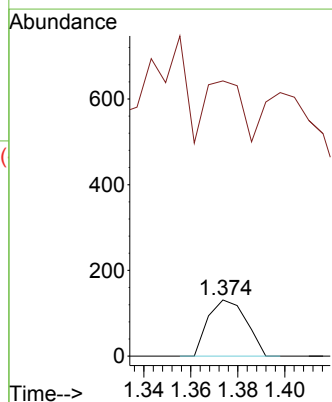
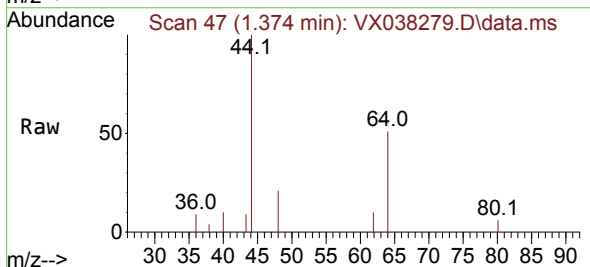
Acq: 13 Oct 2023 12:33

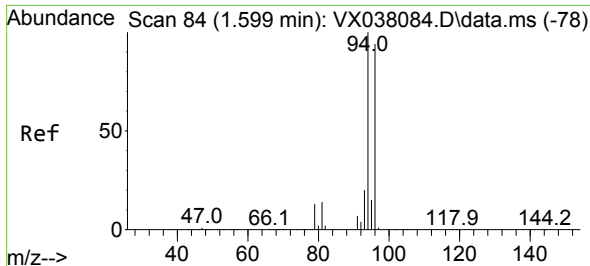
Tgt Ion: 62 Resp: 148

Ion Ratio Lower Upper

62 100

64 20.6 25.4 38.0#

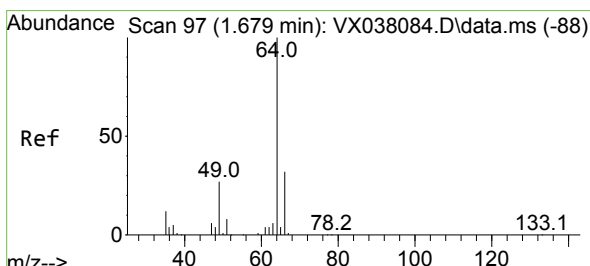
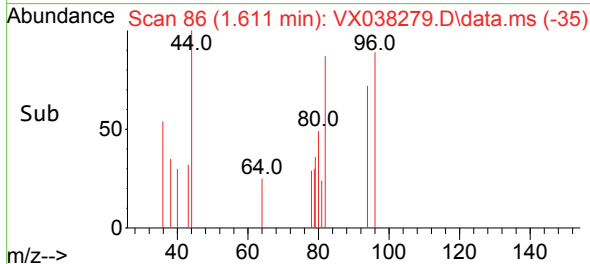
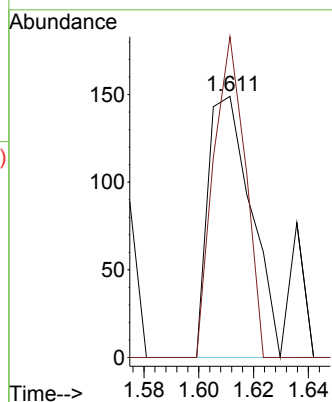
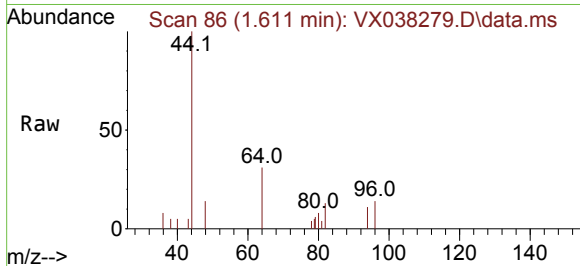




#5
Bromomethane
Concen: 0.089 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

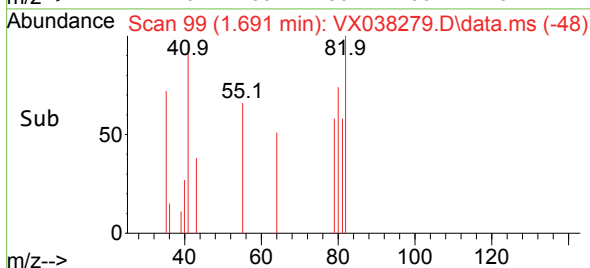
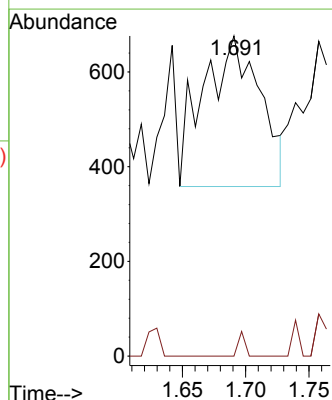
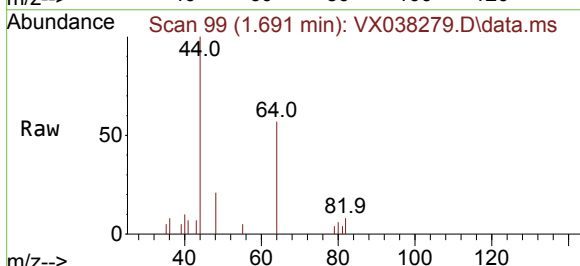
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

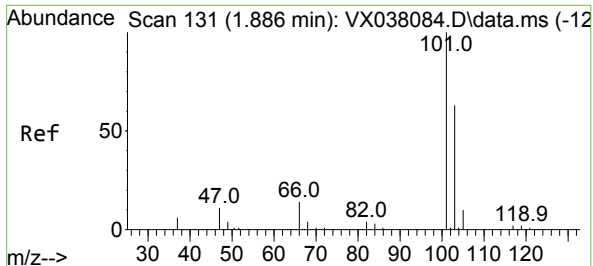
Tgt Ion: 94 Resp: 163
Ion Ratio Lower Upper
94 100
96 122.8 74.6 111.8#



#6
Chloroethane
Concen: 0.832 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 64 Resp: 988
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

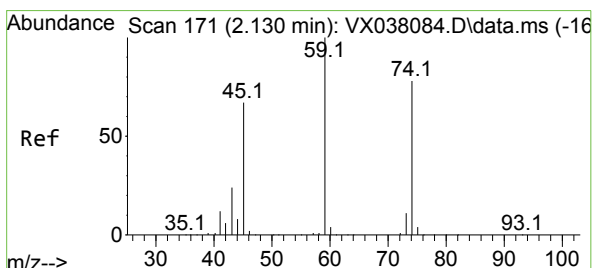
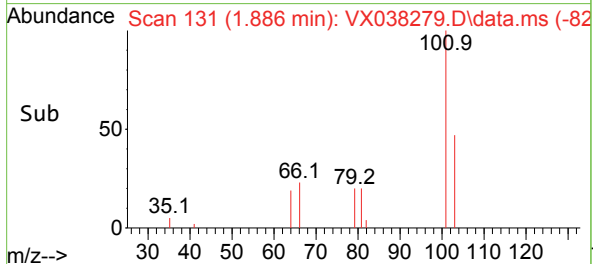
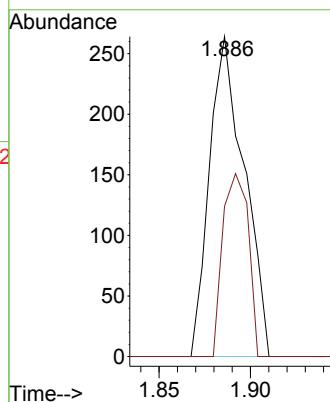
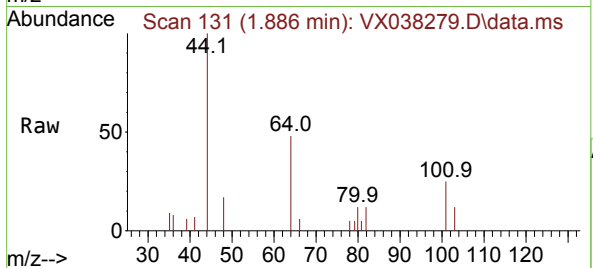




#7
Trichlorofluoromethane
Concen: 0.132 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

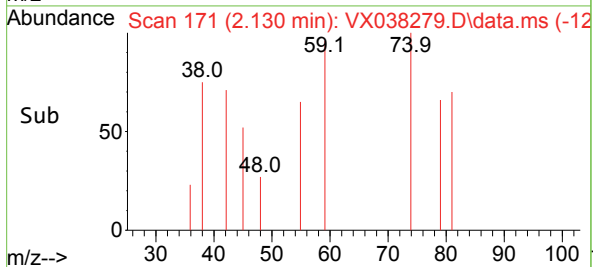
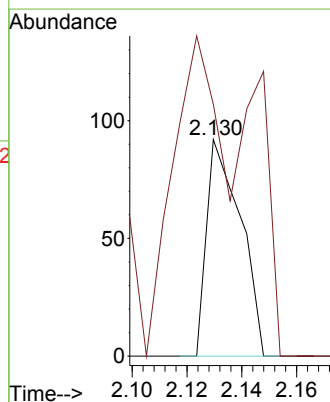
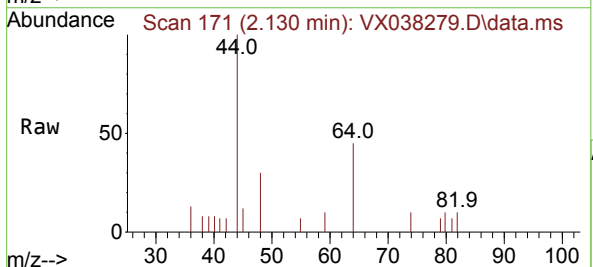
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

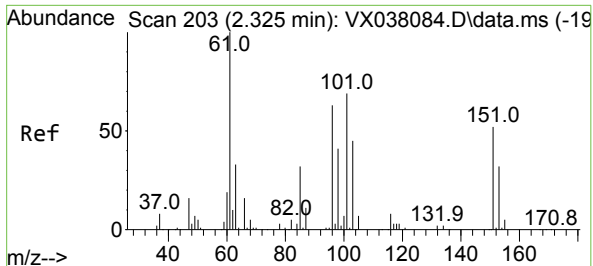
Tgt Ion:101 Resp: 350
Ion Ratio Lower Upper
101 100
103 47.0 51.4 77.2#



#8
Diethyl Ether
Concen: 0.080 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 74 Resp: 79
Ion Ratio Lower Upper
74 100
45 215.2 53.3 159.8#

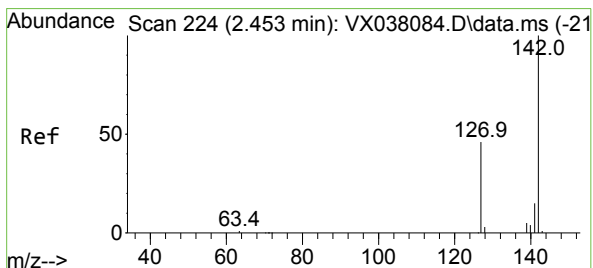
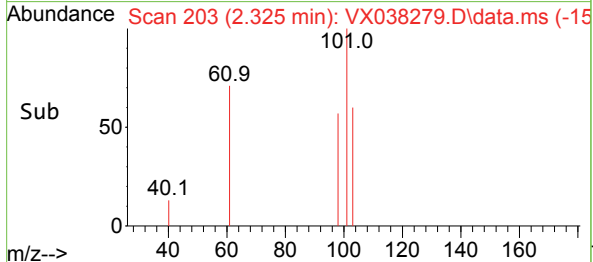
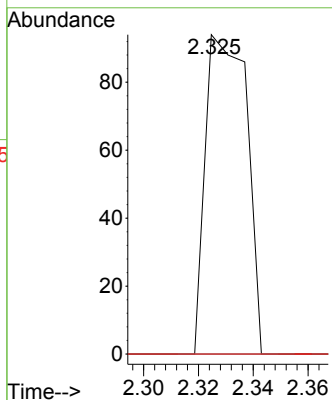
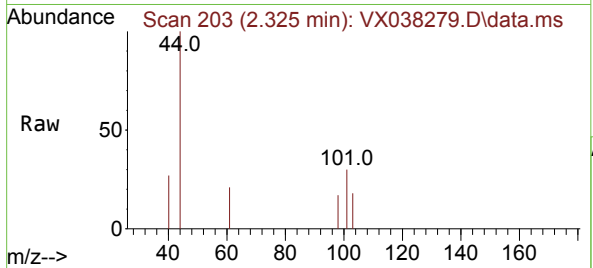




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.085 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

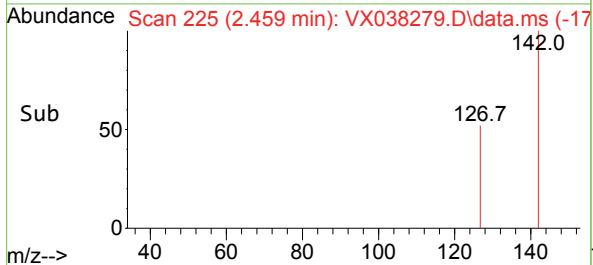
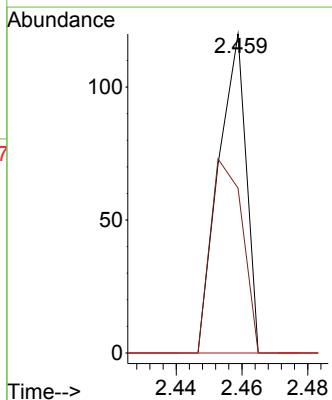
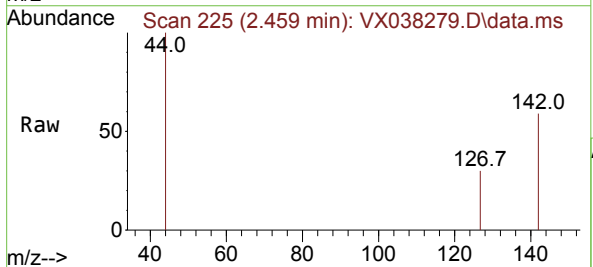
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

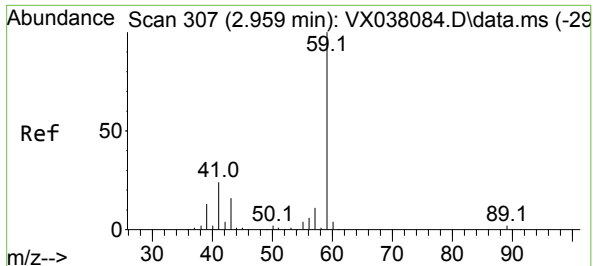
Tgt Ion:101 Resp: 98
Ion Ratio Lower Upper
101 100
85 0.0 37.0 55.6#
151 0.0 58.6 87.8#



#10
Methyl Iodide
Concen: 0.042 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion:142 Resp: 70
Ion Ratio Lower Upper
142 100
127 70.0 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 0.360 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

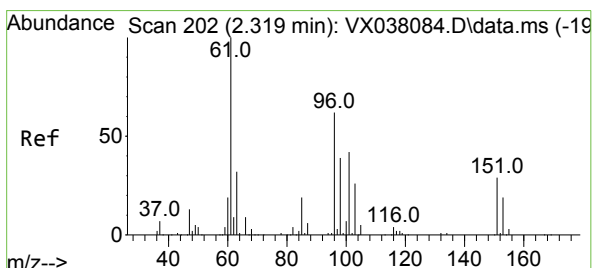
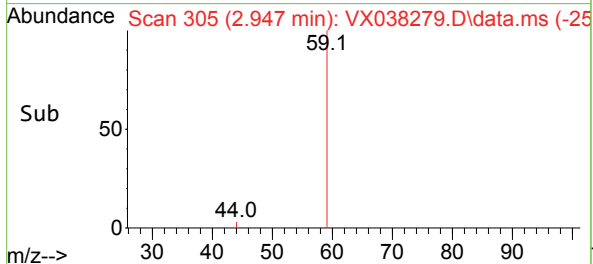
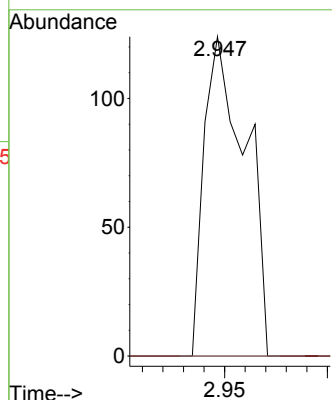
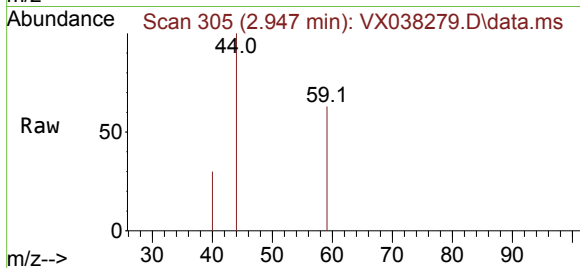
MDL-WATER-03-QT4-2023

Tgt Ion: 59 Resp: 173

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.020 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

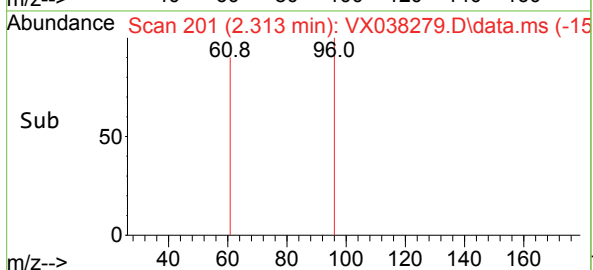
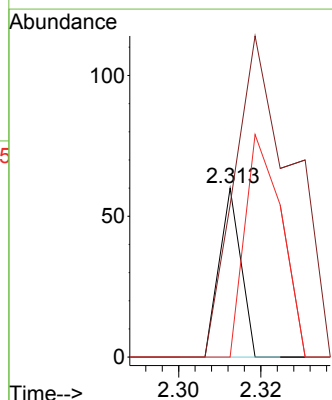
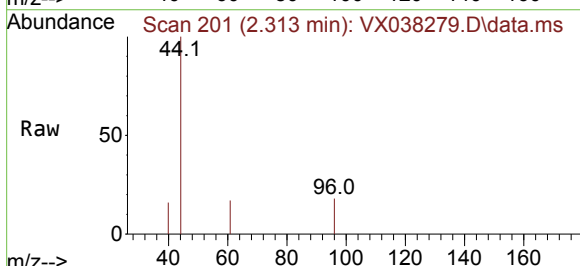
Tgt Ion: 96 Resp: 22

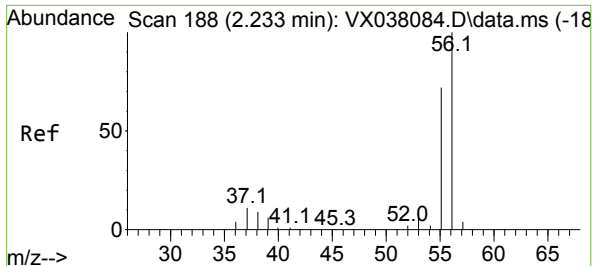
Ion Ratio Lower Upper

96 100

61 90.0 144.6 216.8#

98 0.0 50.4 75.6#





#13

Acrolein

Concen: 0.217 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

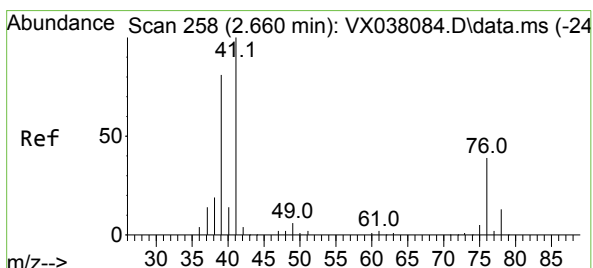
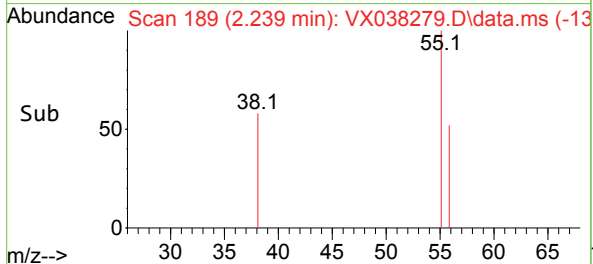
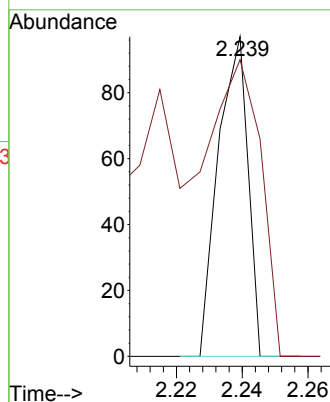
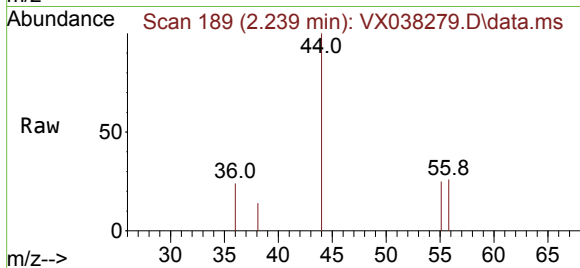
MDL-WATER-03-QT4-2023

Tgt Ion: 56 Resp: 61

Ion Ratio Lower Upper

56 100

55 137.7 57.1 85.7#



#14

Allyl chloride

Concen: 0.092 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

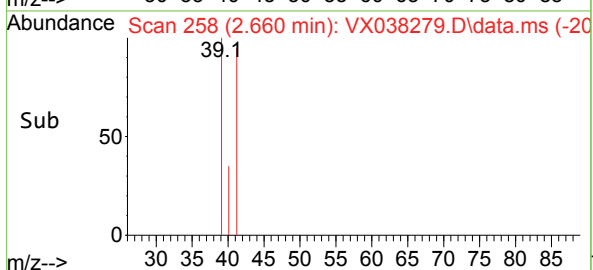
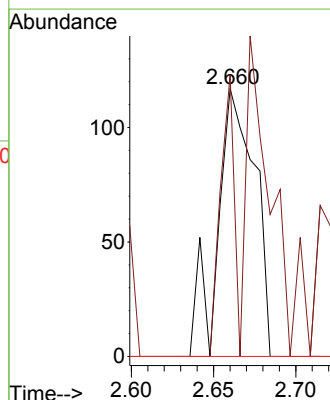
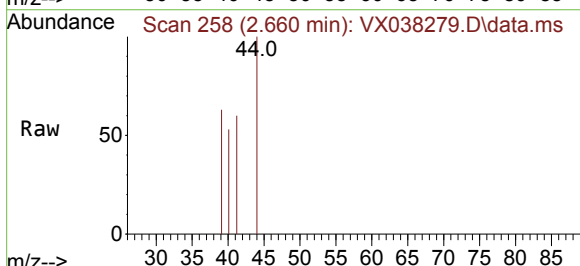
Tgt Ion: 41 Resp: 184

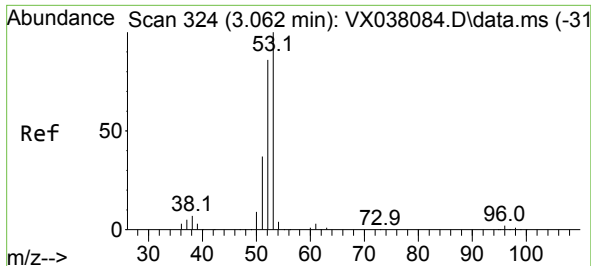
Ion Ratio Lower Upper

41 100

39 38.6 55.8 83.6#

76 0.0 24.3 36.5#

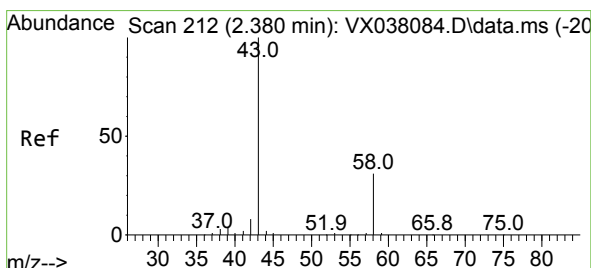
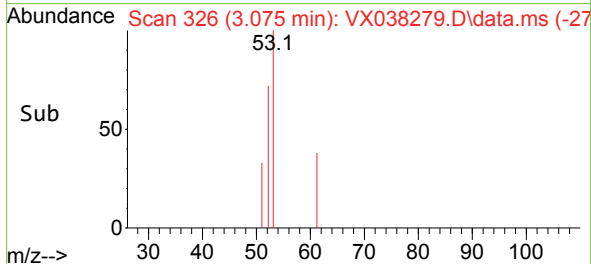
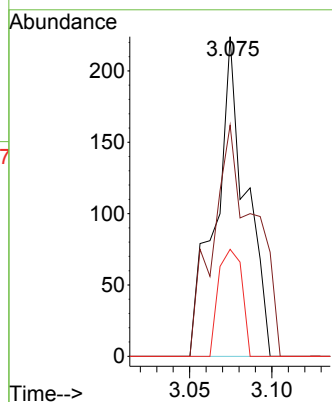
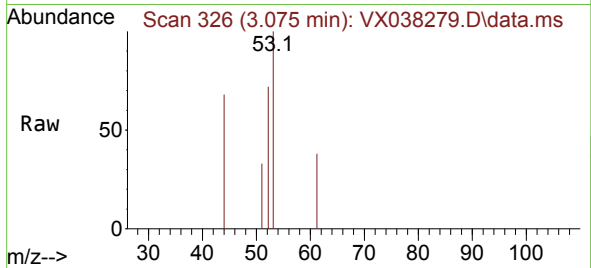




#15
Acrylonitrile
Concen: 0.317 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

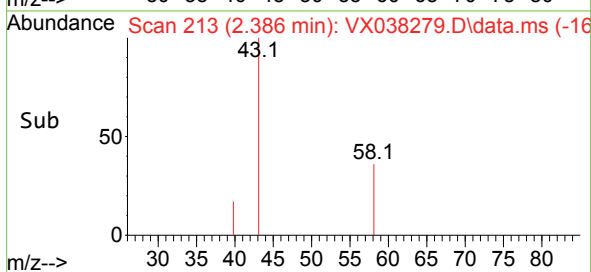
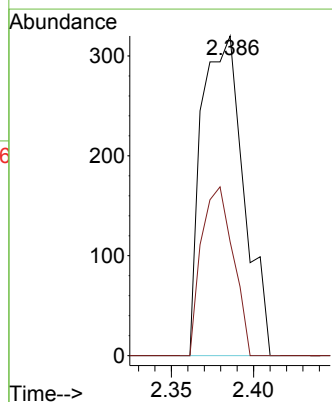
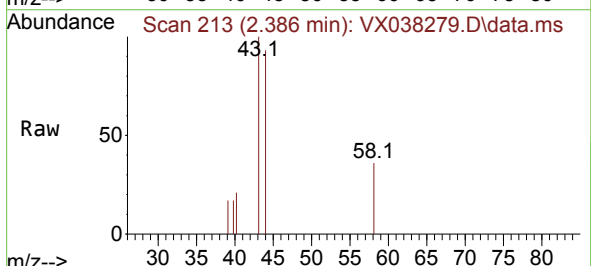
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

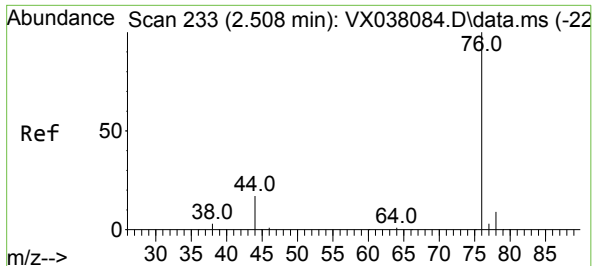
Tgt Ion:	53	Resp:	285
Ion	Ratio	Lower	Upper
53	100		
52	99.6	66.0	99.0#
51	26.3	29.8	44.6#



#16
Acetone
Concen: 0.688 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion:	43	Resp:	567
Ion	Ratio	Lower	Upper
43	100		
58	35.6	21.9	32.9#

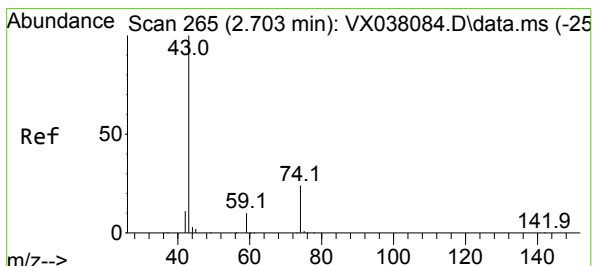
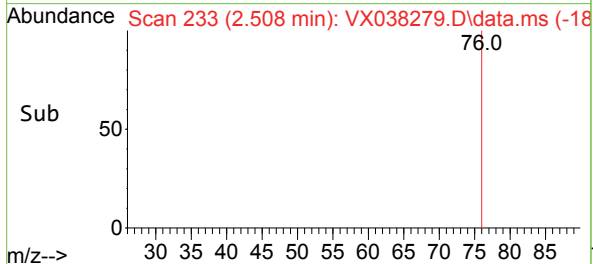
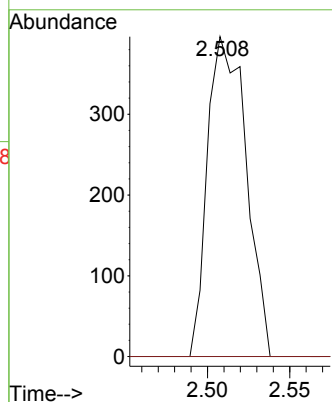
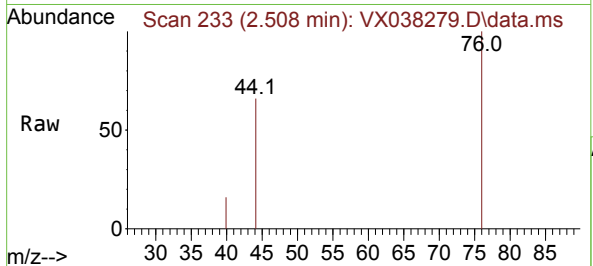




#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

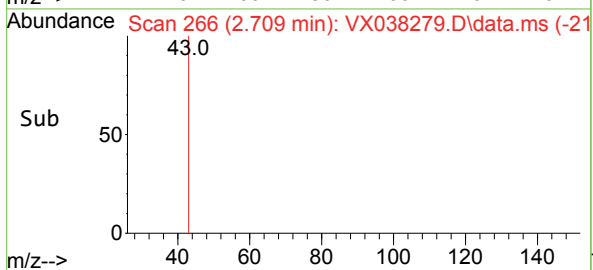
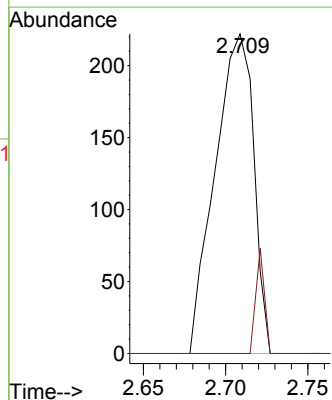
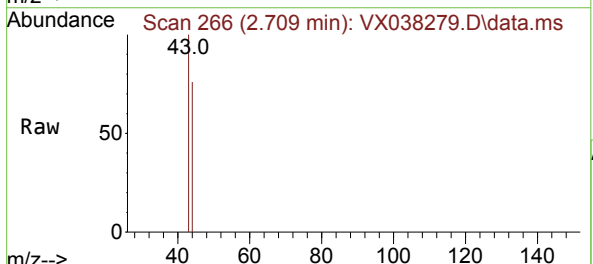
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

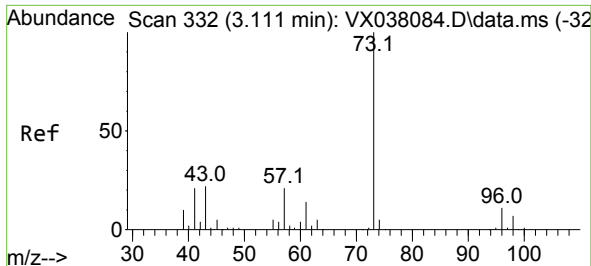
Tgt Ion: 76 Resp: 649
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.103 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 43 Resp: 363
Ion Ratio Lower Upper
43 100
74 7.4 17.8 26.8#

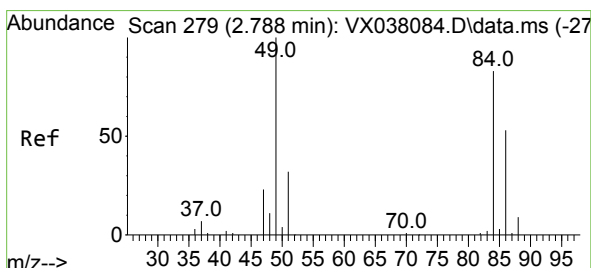
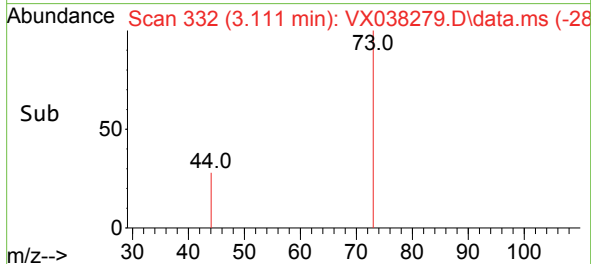
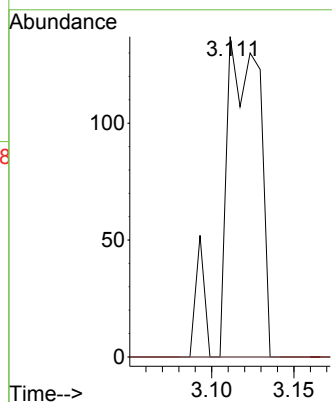
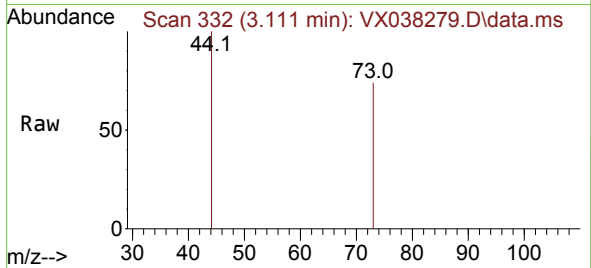




#19
Methyl tert-butyl Ether
Concen: 0.045 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

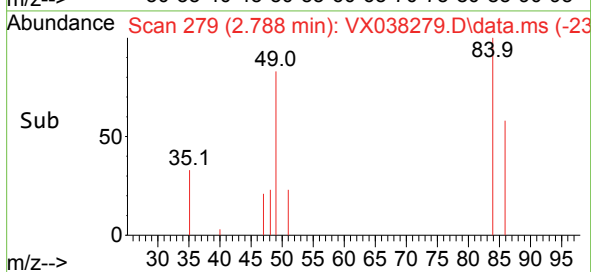
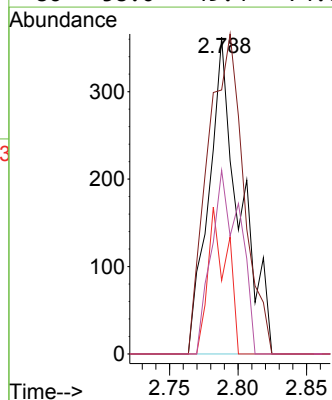
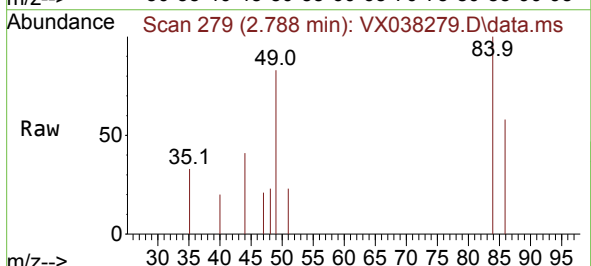
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

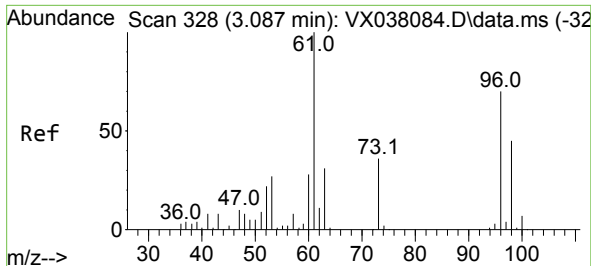
Tgt Ion: 73 Resp: 201
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#



#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 84 Resp: 570
Ion Ratio Lower Upper
84 100
49 83.4 103.6 155.4#
51 23.2 33.8 50.6#
86 58.0 49.4 74.0

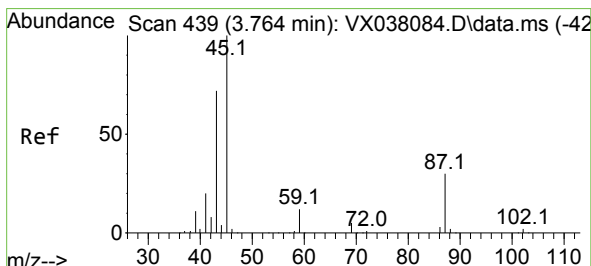
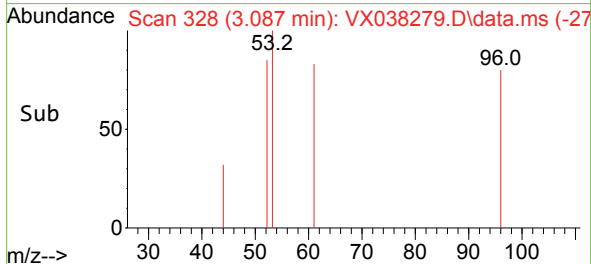
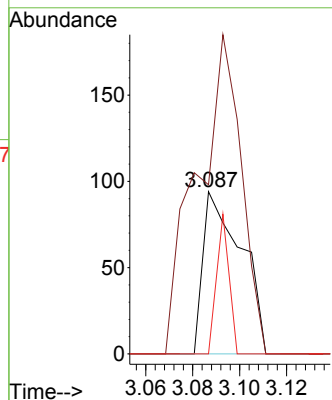
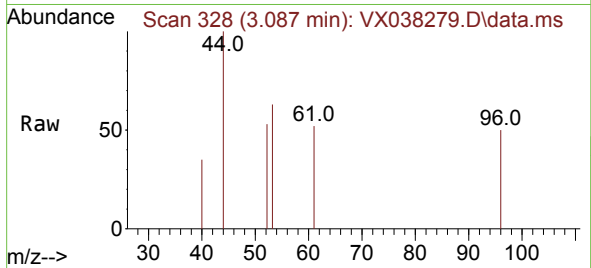




#21
trans-1,2-Dichloroethene
Concen: 0.076 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

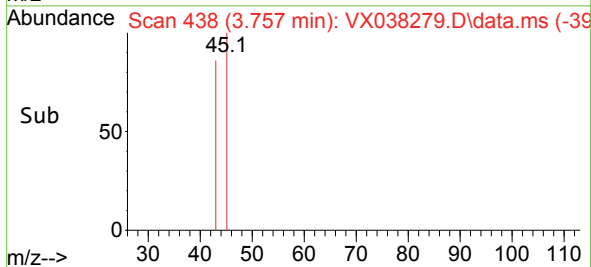
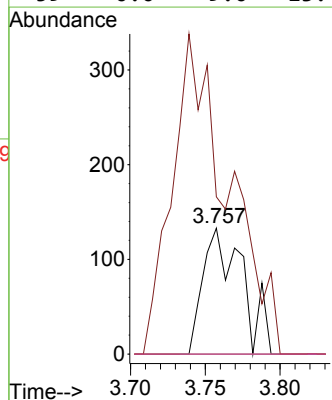
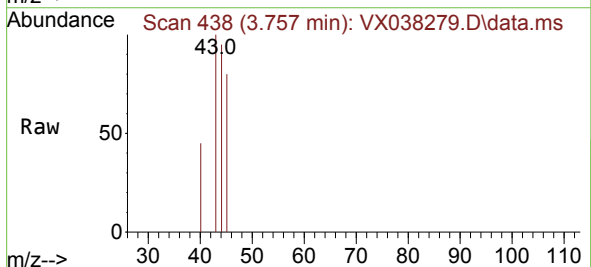
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

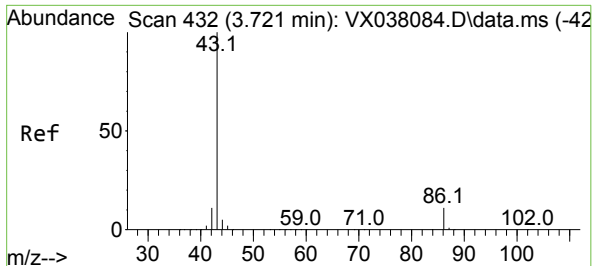
Tgt Ion: 96 Resp: 106
Ion Ratio Lower Upper
96 100
61 104.3 119.2 178.8#
98 0.0 48.7 73.1#



#22
Diisopropyl ether
Concen: 0.057 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 45 Resp: 242
Ion Ratio Lower Upper
45 100
43 124.8 69.7 104.5#
87 0.0 20.8 31.2#
59 0.0 9.0 13.4#

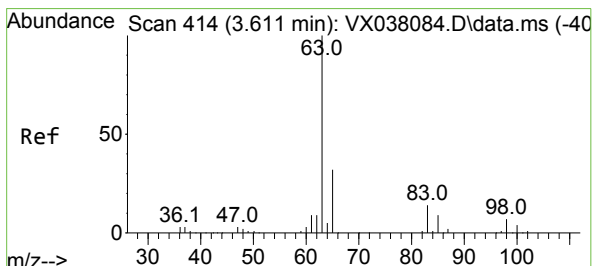
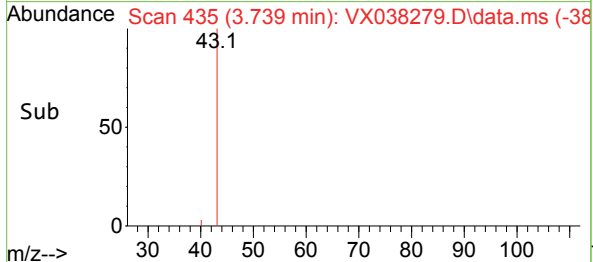
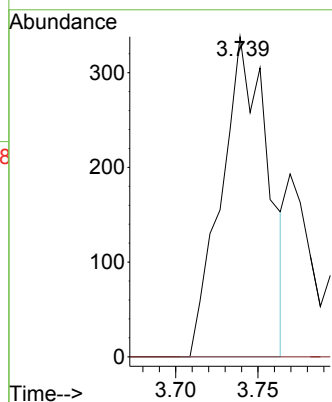
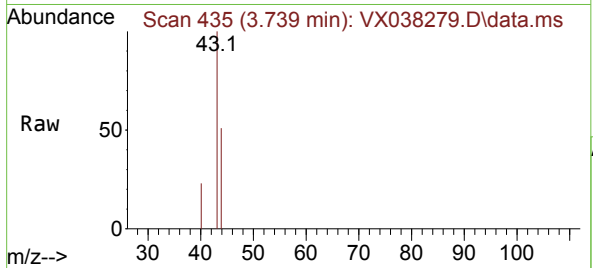




#23
 Vinyl Acetate
 Concen: 0.213 ug/l
 RT: 3.739 min Scan# 413
 Delta R.T. 0.018 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

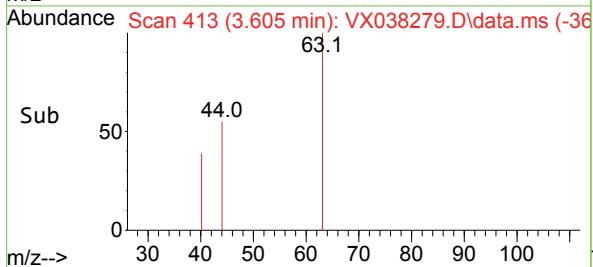
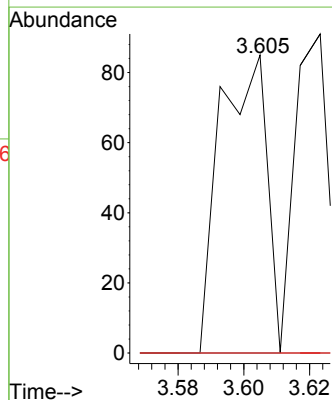
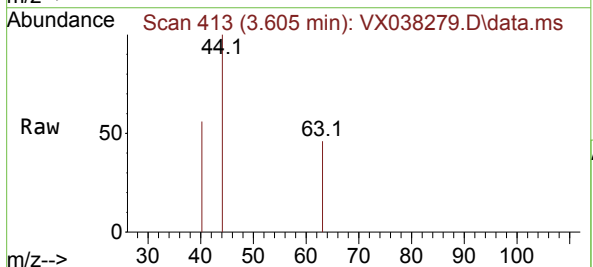
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

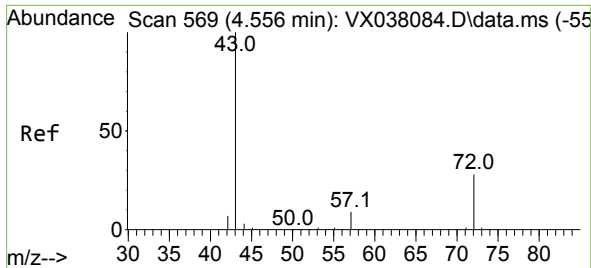
Tgt Ion: 43 Resp: 659
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 0.033 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

Tgt Ion: 63 Resp: 84
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 0.304 ug/l

RT: 4.593 min Scan# 5

Delta R.T. 0.037 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

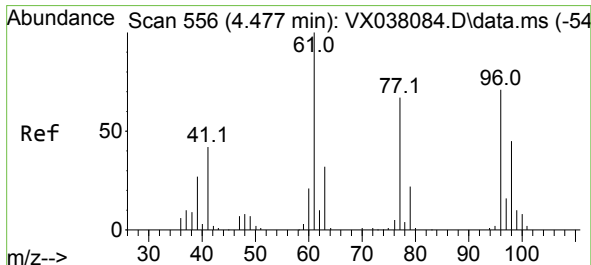
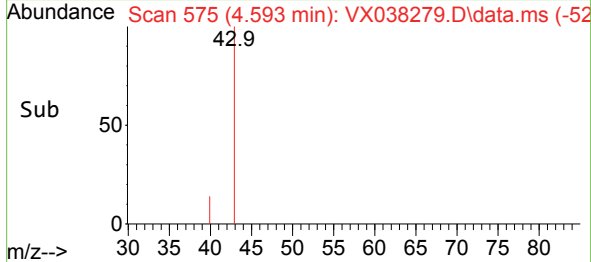
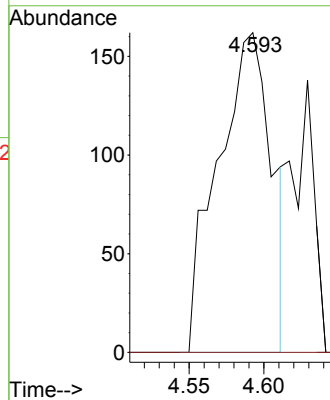
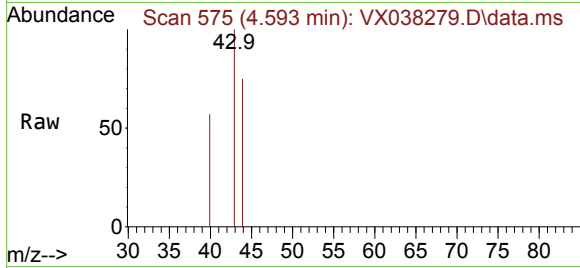
MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 404

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.013 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.012 min

Lab File: VX038279.D

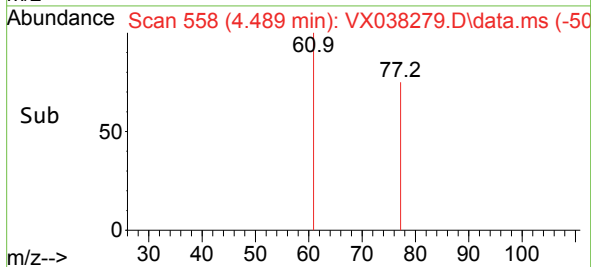
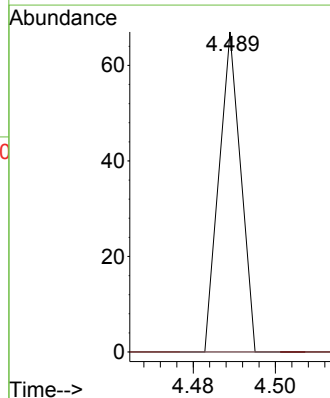
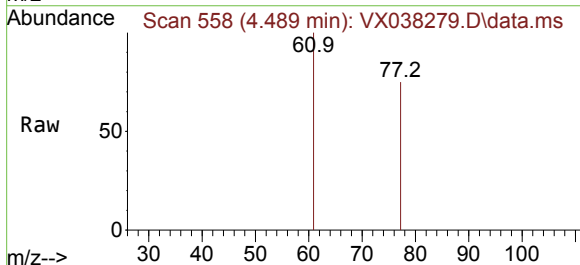
Acq: 13 Oct 2023 12:33

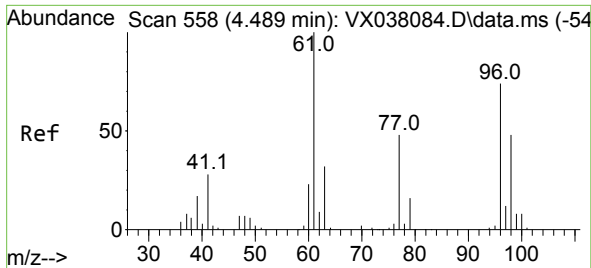
Tgt Ion: 77 Resp: 25

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.054 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

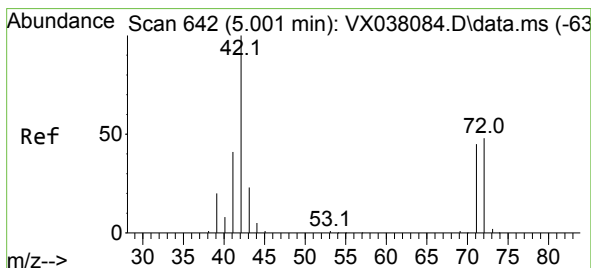
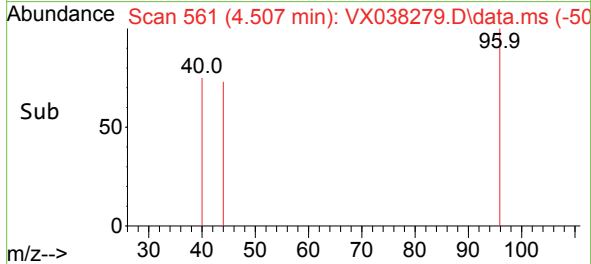
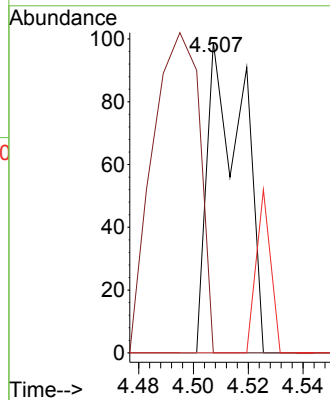
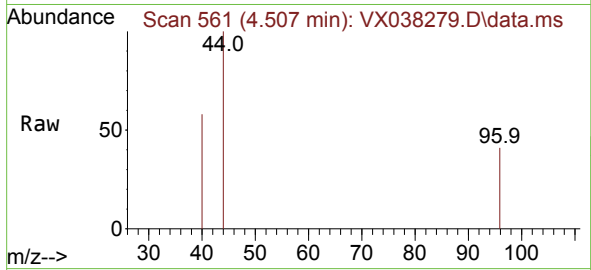
Tgt Ion: 96 Resp: 90

Ion Ratio Lower Upper

96 100

61 0.0 0.0 312.2

98 21.1 0.0 129.0



#29

Tetrahydrofuran

Concen: 0.130 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.018 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

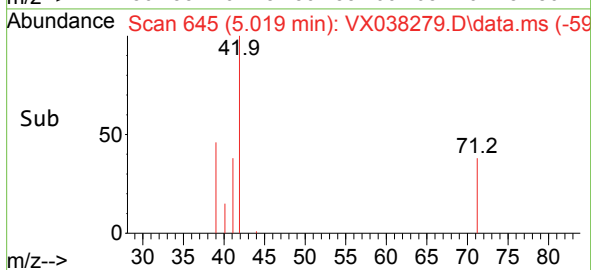
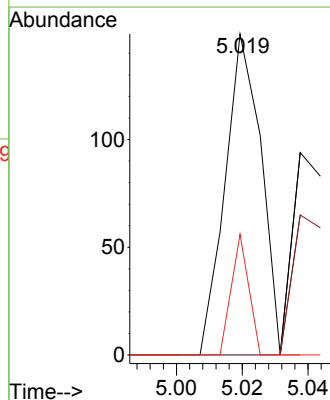
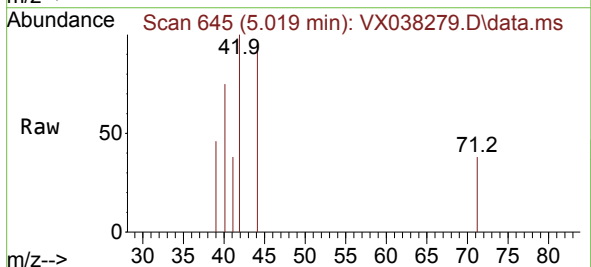
Tgt Ion: 42 Resp: 113

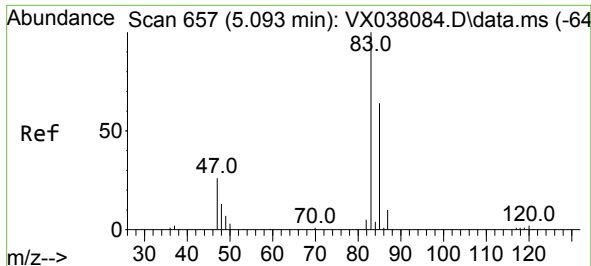
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 17.7 32.2 48.2#

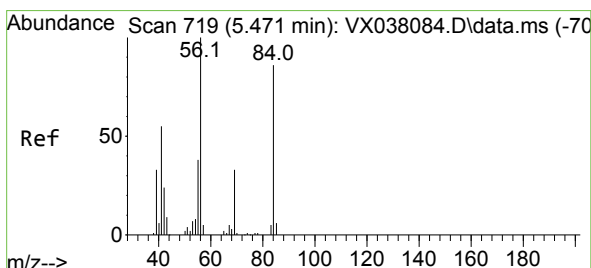
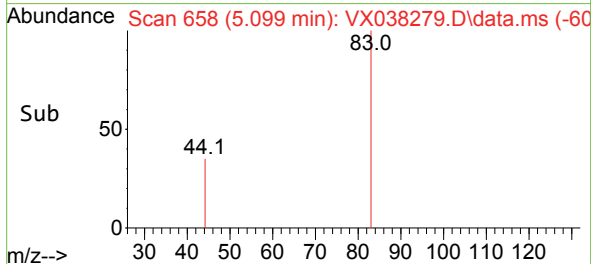
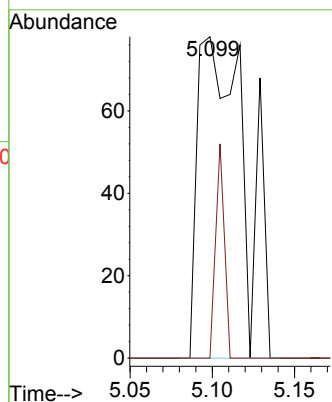
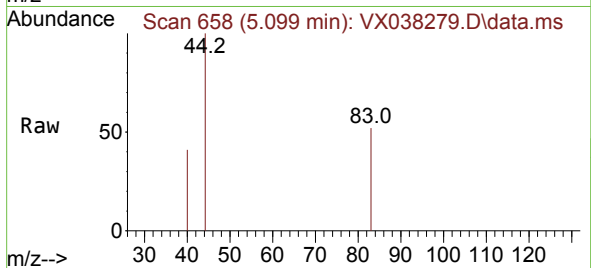




#30
Chloroform
Concen: 0.055 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

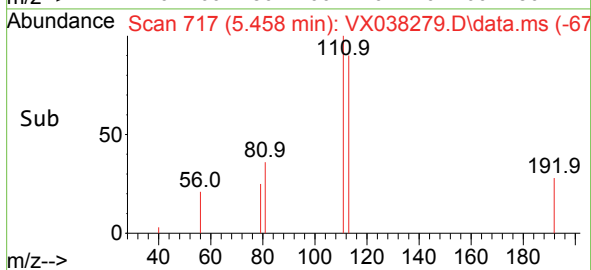
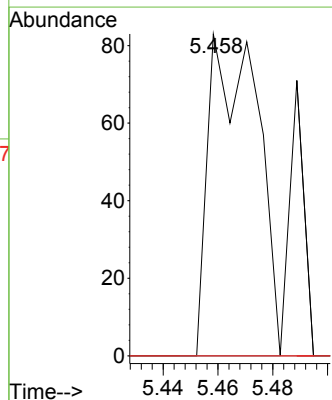
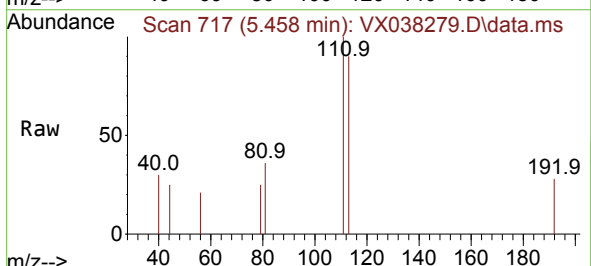
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

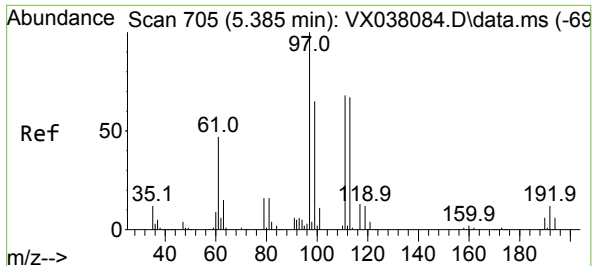
Tgt Ion: 83 Resp: 155
Ion Ratio Lower Upper
83 100
85 0.0 50.3 75.5#



#31
Cyclohexane
Concen: 0.048 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.013 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 56 Resp: 103
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2#
84 0.0 65.9 98.9#





#32

1,1,1-Trichloroethane

Concen: 0.036 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

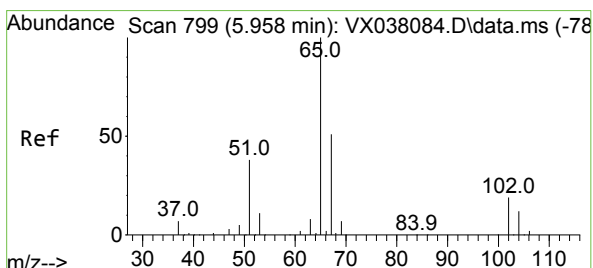
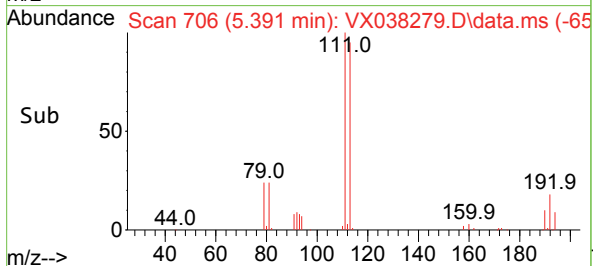
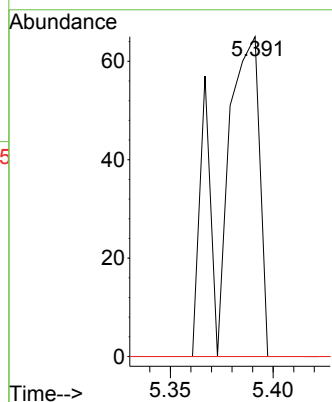
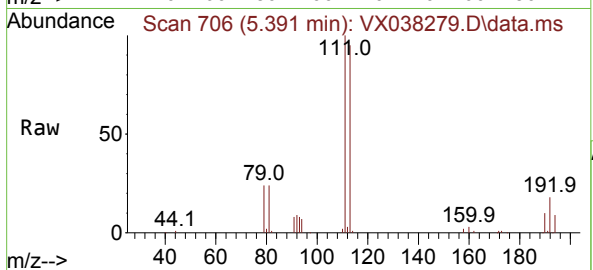
Tgt Ion: 97 Resp: 85

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 0.0 36.4 54.6#



#33

1,2-Dichloroethane-d4

Concen: 50.741 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038279.D

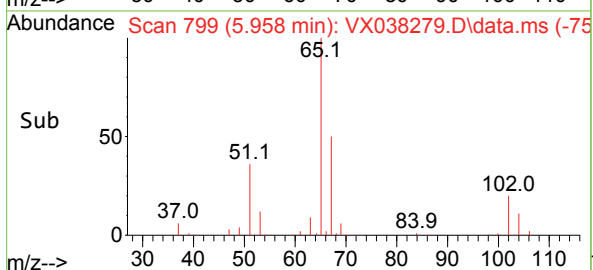
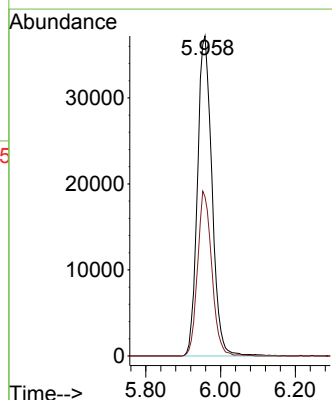
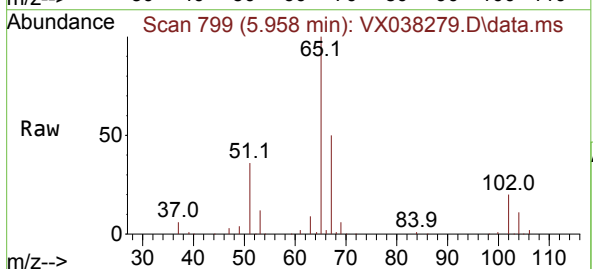
Acq: 13 Oct 2023 12:33

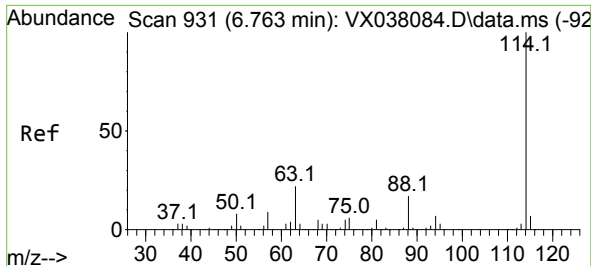
Tgt Ion: 65 Resp: 100225

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.2

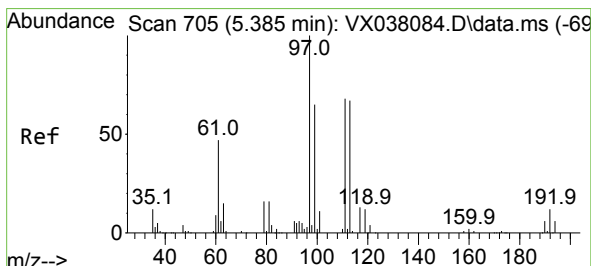
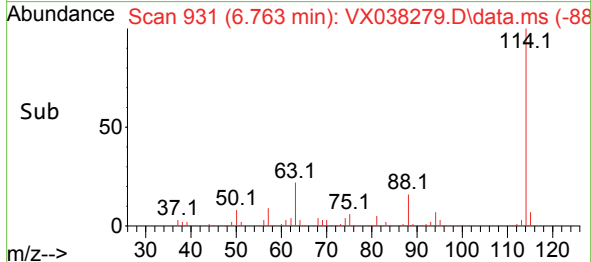
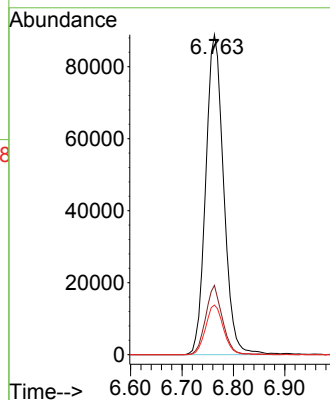
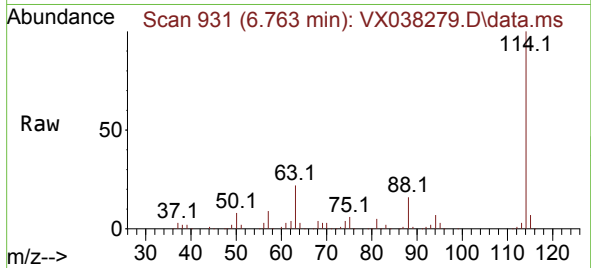




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

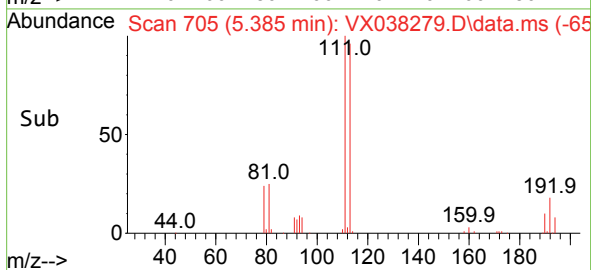
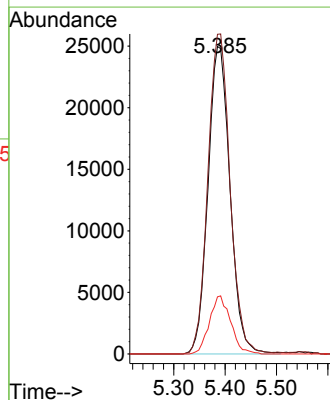
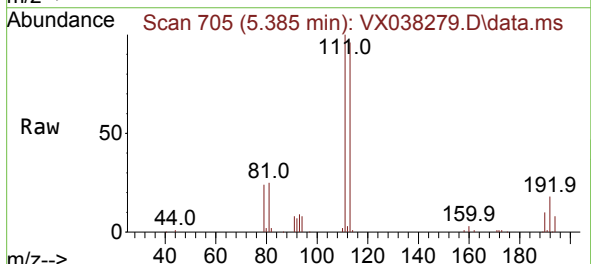
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

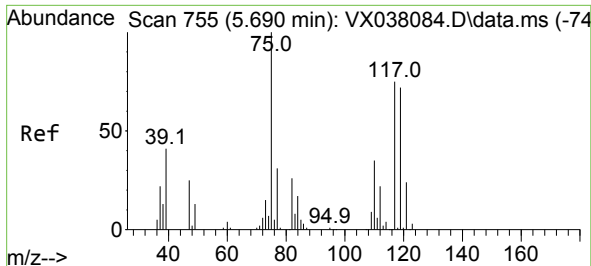
Tgt Ion:114 Resp: 215179
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.965 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion:113 Resp: 74370
Ion Ratio Lower Upper
113 100
111 104.8 82.9 124.3
192 18.2 13.3 19.9

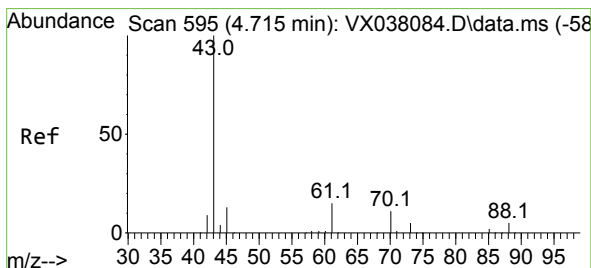
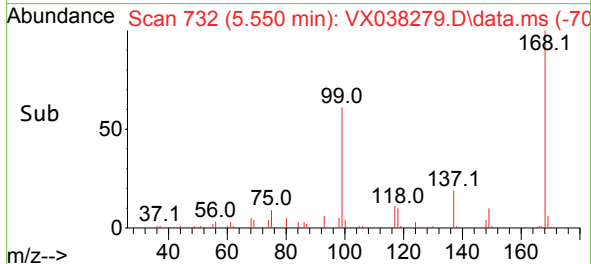
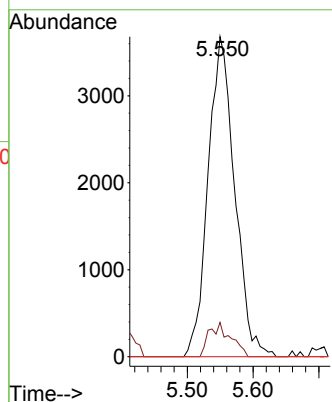
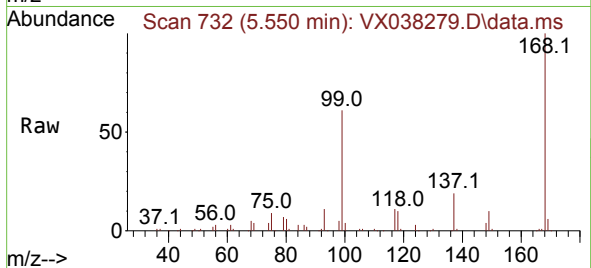




#36
1,1-Dichloropropene
Concen: 4.850 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

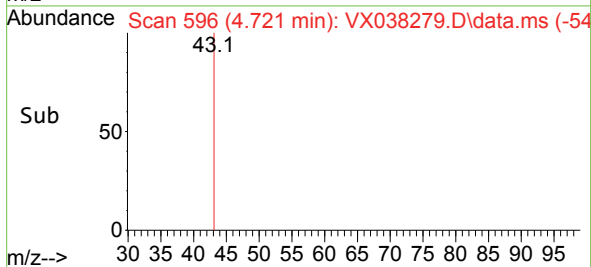
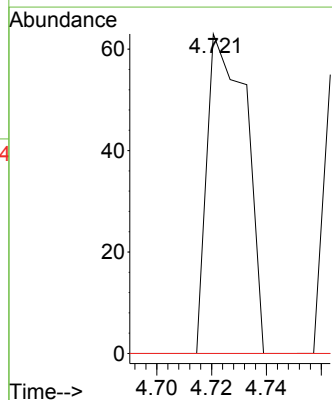
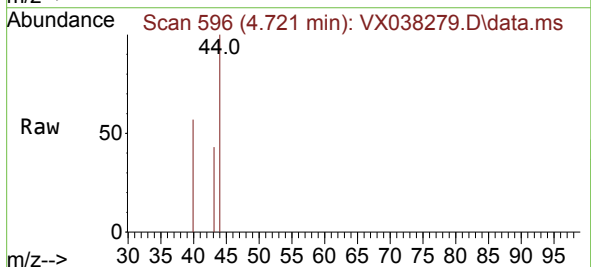
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

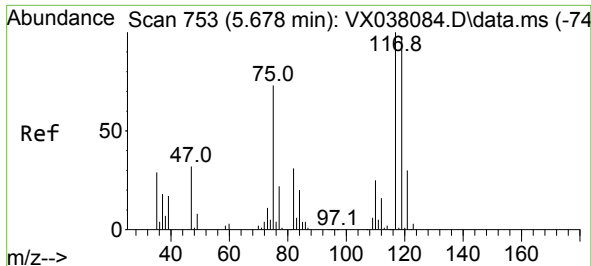
Tgt Ion: 75 Resp: 10370
Ion Ratio Lower Upper
75 100
110 3.5 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.024 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#

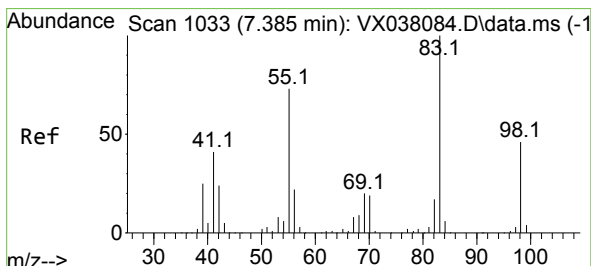
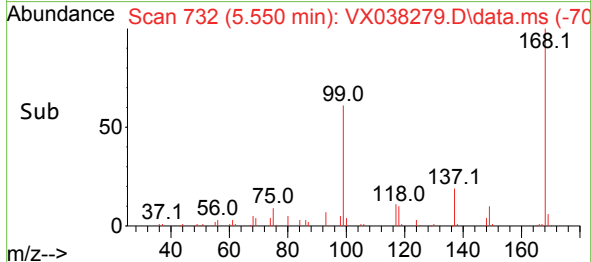
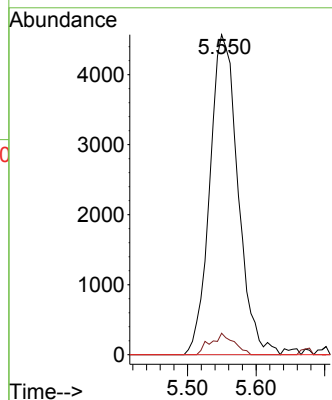
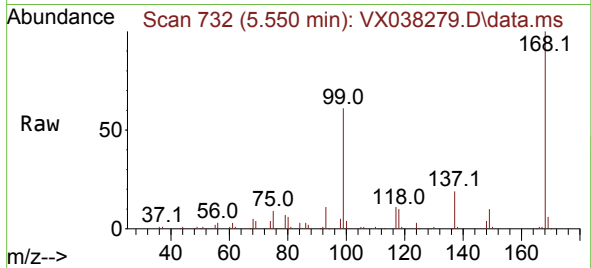




#38
Carbon Tetrachloride
Concen: 6.198 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

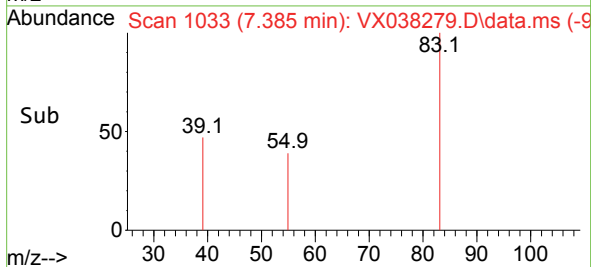
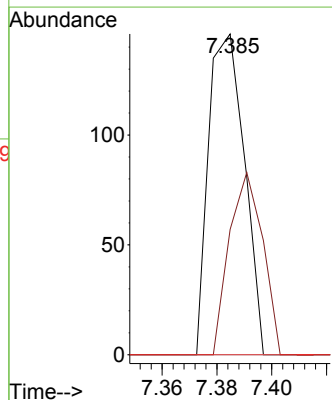
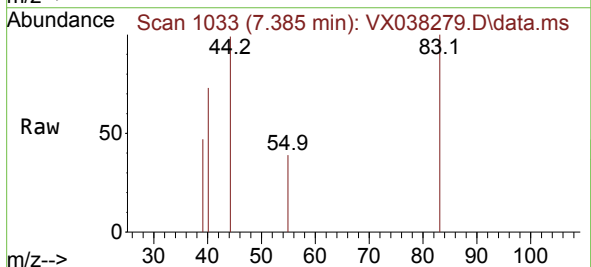
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

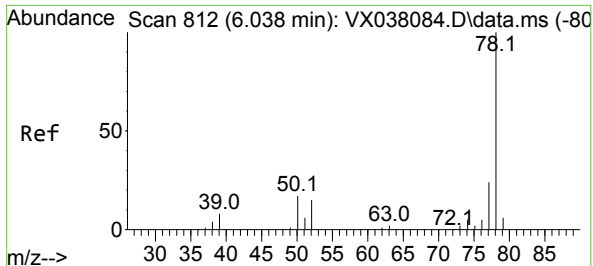
Tgt Ion:117 Resp: 13036
Ion Ratio Lower Upper
117 100
119 6.7 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.053 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 83 Resp: 132
Ion Ratio Lower Upper
83 100
55 39.0 64.6 97.0#
98 0.0 36.7 55.1#





#40

Benzene

Concen: 0.064 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.001 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

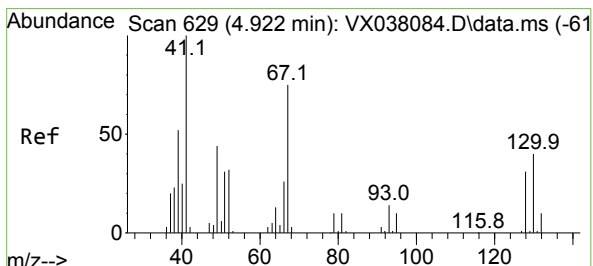
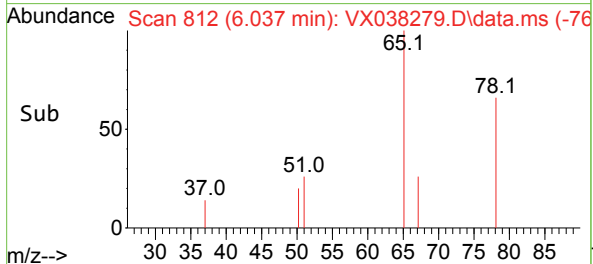
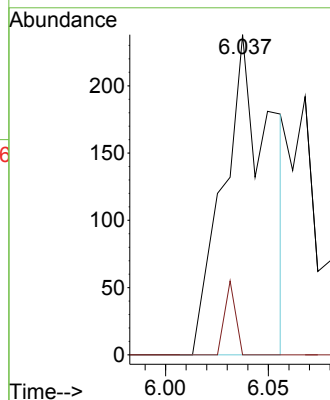
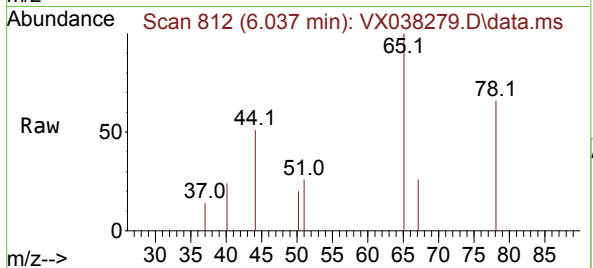
MDL-WATER-03-QT4-2023

Tgt Ion: 78 Resp: 381

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#



#41

Methacrylonitrile

Concen: 0.124 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.110 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Tgt Ion: 41 Resp: 157

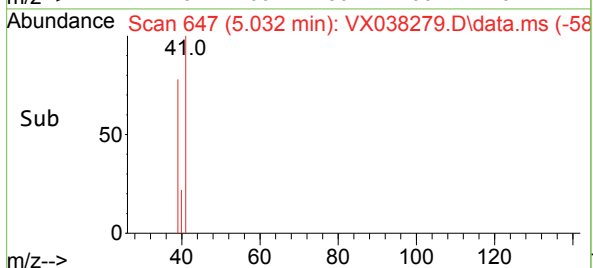
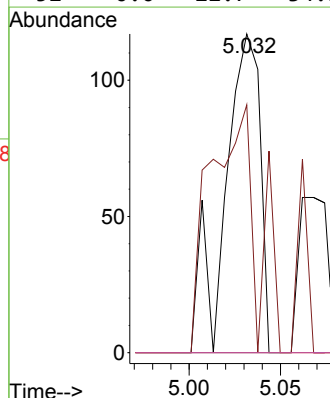
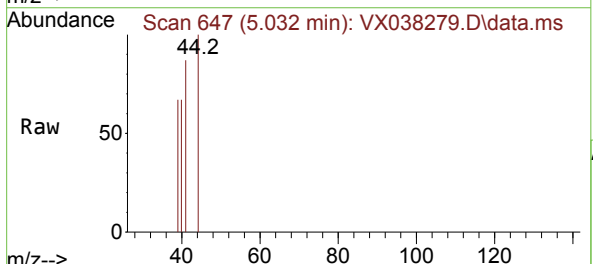
Ion Ratio Lower Upper

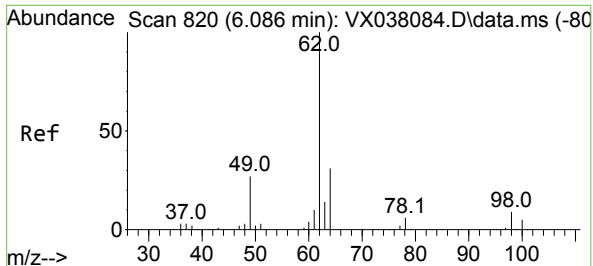
41 100

39 104.5 45.2 67.8#

67 0.0 52.6 78.8#

52 0.0 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.138 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

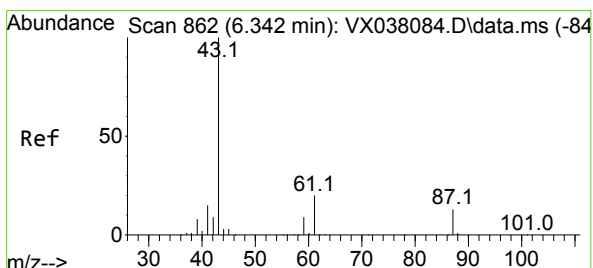
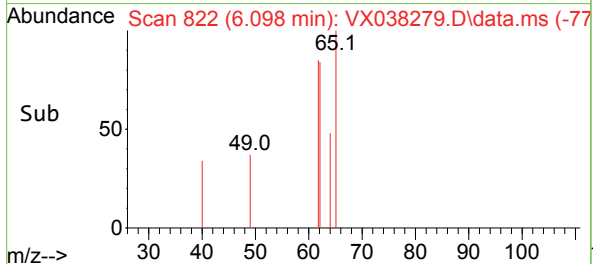
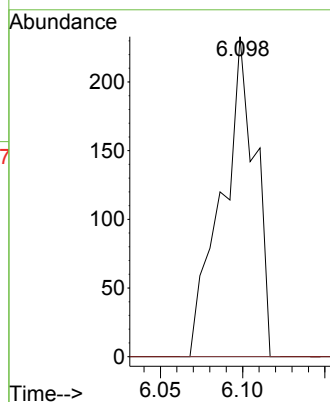
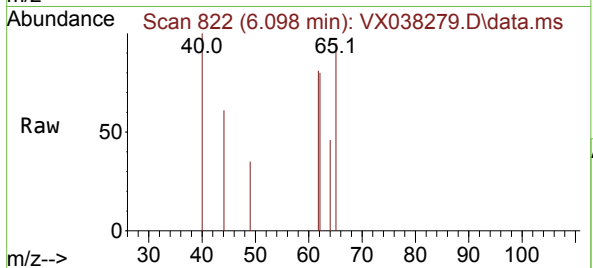
MDL-WATER-03-QT4-2023

Tgt Ion: 62 Resp: 329

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#43

Isopropyl Acetate

Concen: 0.009 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.019 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

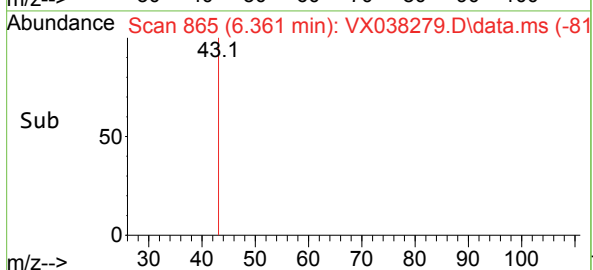
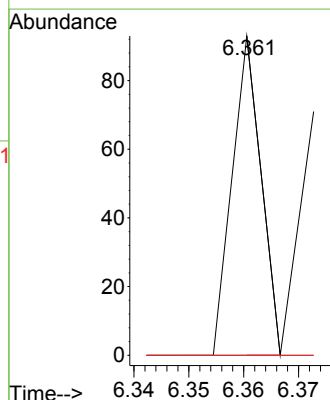
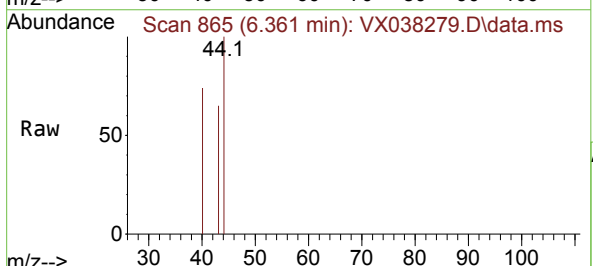
Tgt Ion: 43 Resp: 34

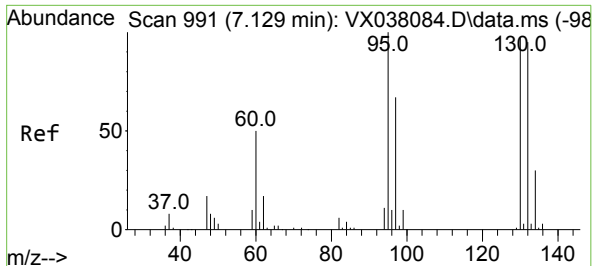
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#

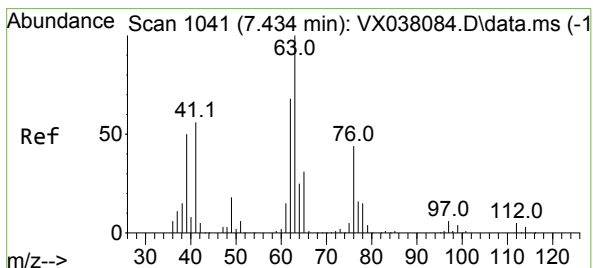
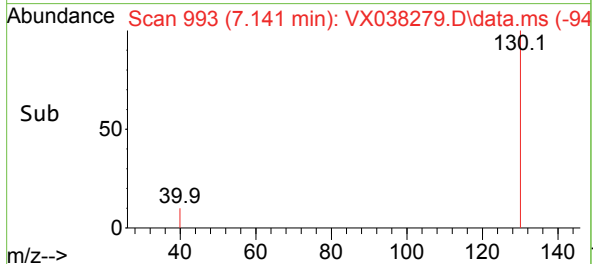
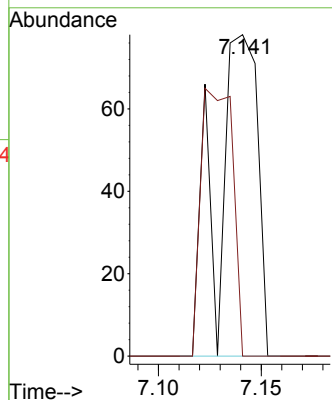
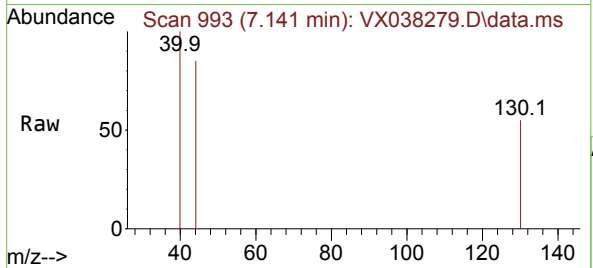




#44
Trichloroethene
Concen: 0.068 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

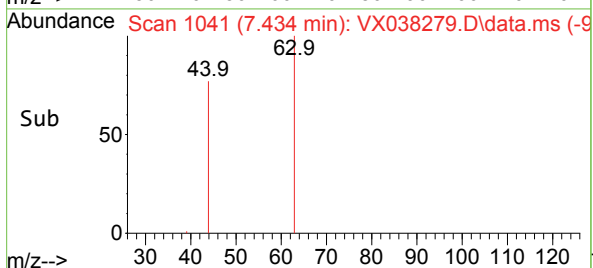
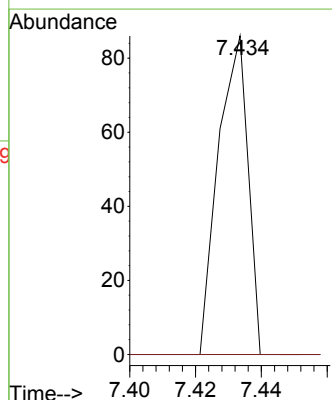
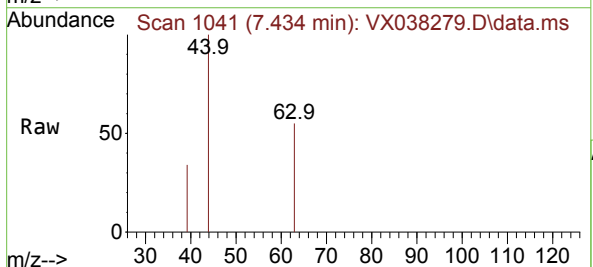
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

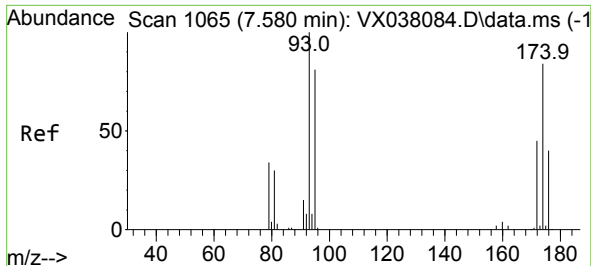
Tgt Ion:130 Resp: 106
Ion Ratio Lower Upper
130 100
95 0.0 0.0 204.4



#45
1,2-Dichloropropane
Concen: 0.035 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#





#46

Dibromomethane

Concen: 0.043 ug/l

RT: 7.598 min Scan# 1104

Delta R.T. 0.018 min

Lab File: VX038279.D

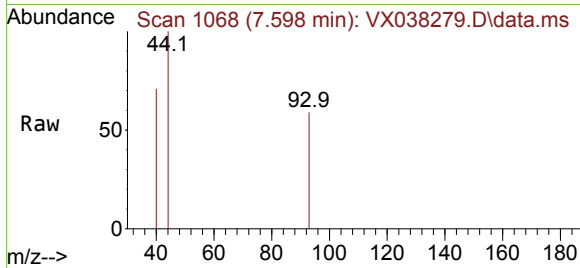
Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



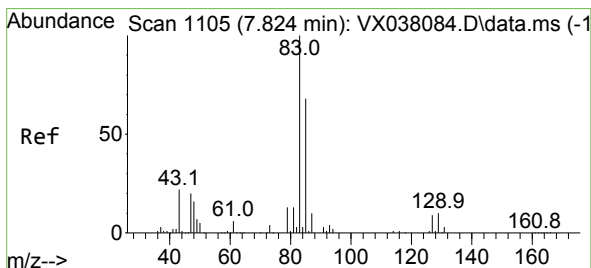
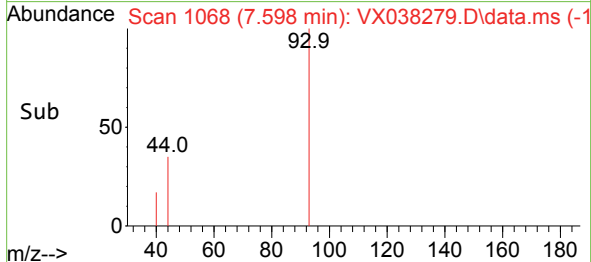
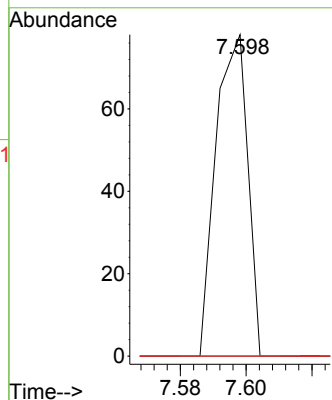
Tgt Ion: 93 Resp: 52

Ion Ratio Lower Upper

93 100

95 0.0 66.6 100.0#

174 0.0 69.4 104.0#



#47

Bromodichloromethane

Concen: 0.075 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

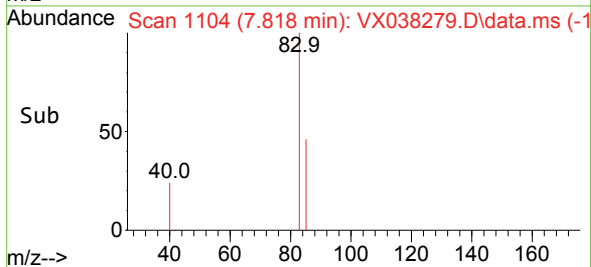
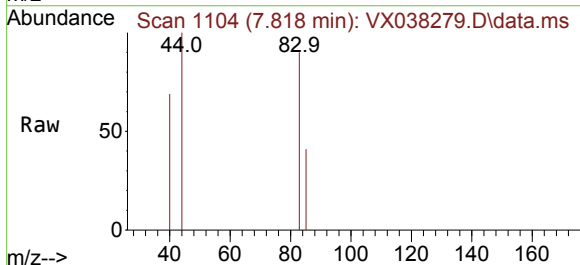
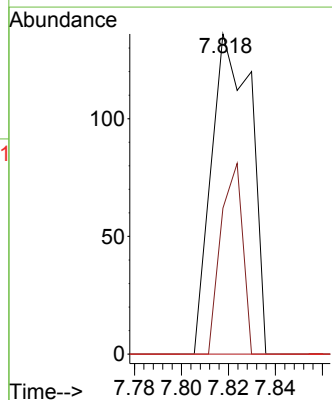
Tgt Ion: 83 Resp: 160

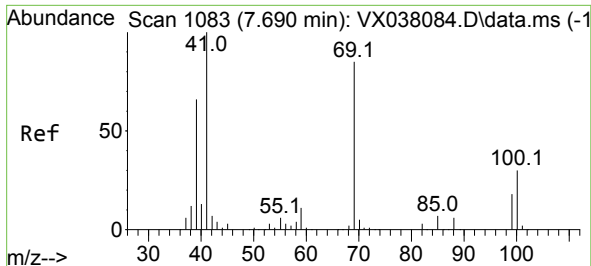
Ion Ratio Lower Upper

83 100

85 45.6 49.8 74.6#

127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 0.011 ug/l

RT: 7.415 min Scan# 1083

Delta R.T. -0.275 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

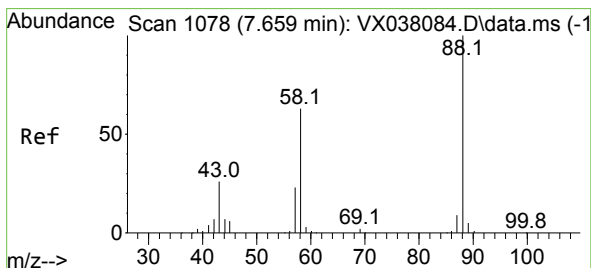
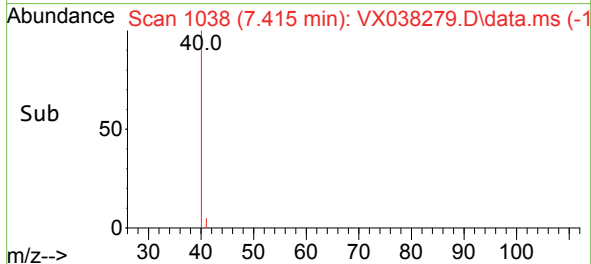
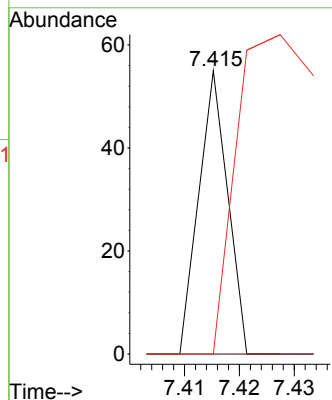
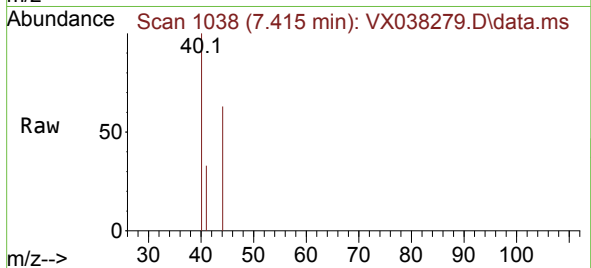
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 41	Resp:	20
Ion	Ratio	Lower Upper
41	100	
69	0.0	59.2 88.8#
39	0.0	47.7 71.5#



#49

1,4-Dioxane

Concen: 0.448 ug/l

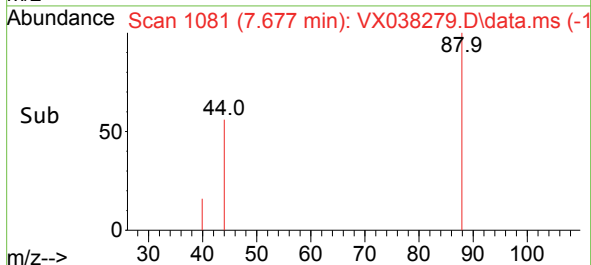
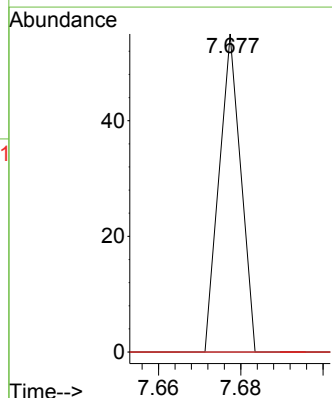
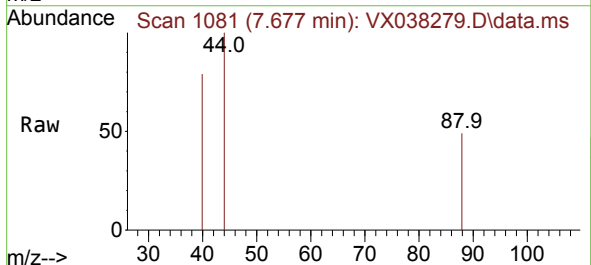
RT: 7.677 min Scan# 1081

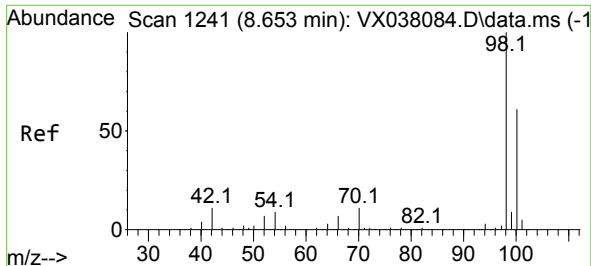
Delta R.T. 0.018 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Tgt Ion: 88	Resp:	20
Ion	Ratio	Lower Upper
88	100	
43	0.0	0.0 0.0
58	0.0	60.1 90.1#

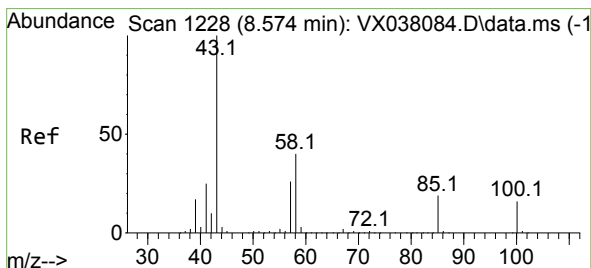
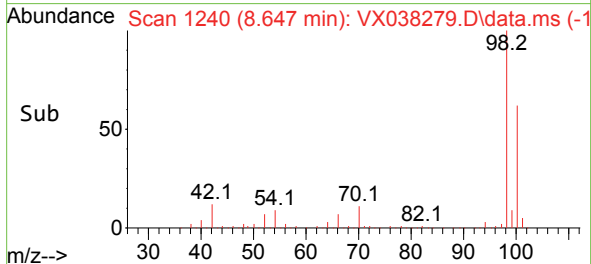
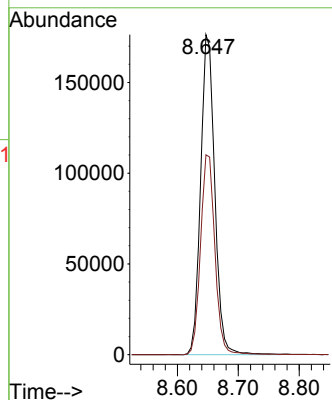
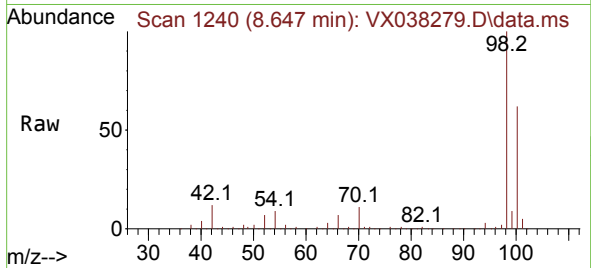




#50
Toluene-d8
Concen: 47.954 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

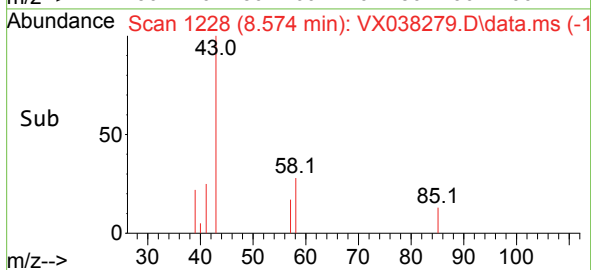
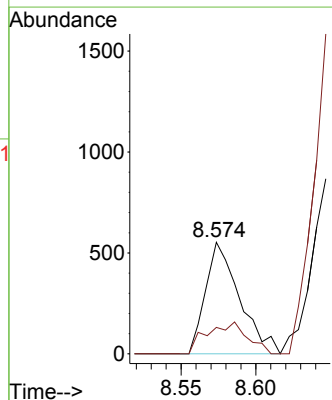
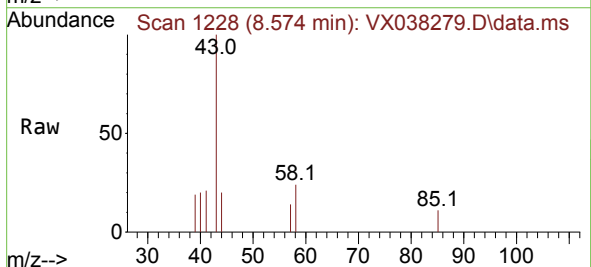
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

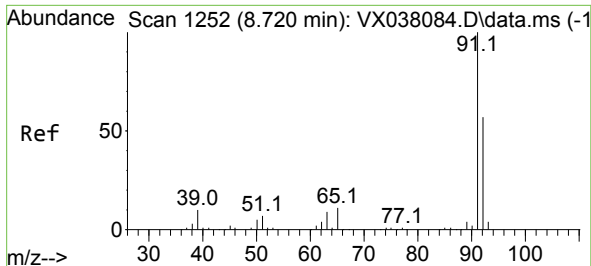
Tgt Ion: 98 Resp: 284118
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.335 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 33.7 30.4 45.6





#52

Toluene

Concen: 0.097 ug/l

RT: 8.726 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

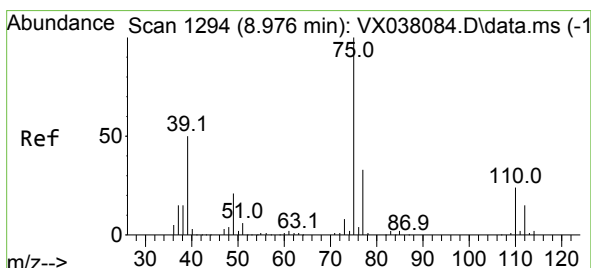
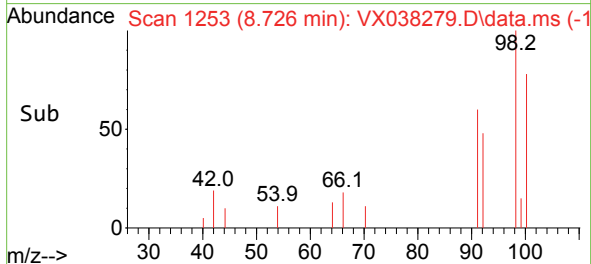
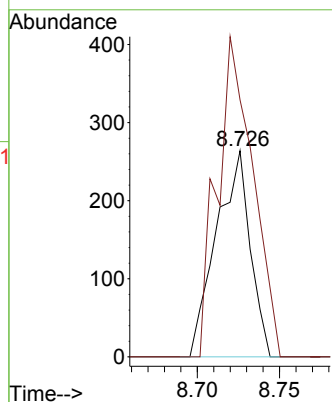
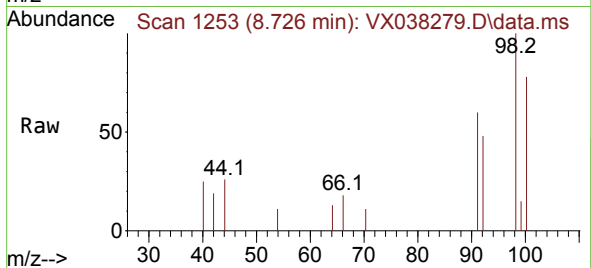
MDL-WATER-03-QT4-2023

Tgt Ion: 92 Resp: 378

Ion Ratio Lower Upper

92 100

91 164.0 134.2 201.2



#53

t-1,3-Dichloropropene

Concen: 0.059 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.018 min

Lab File: VX038279.D

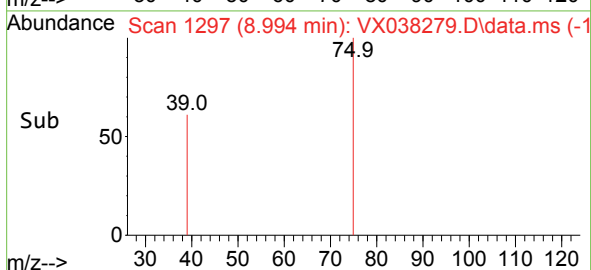
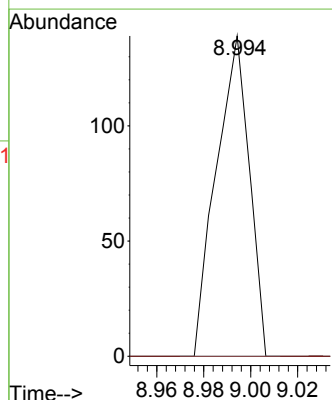
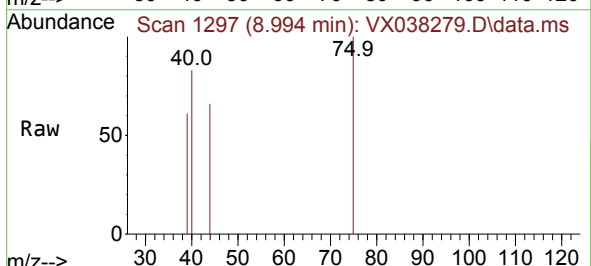
Acq: 13 Oct 2023 12:33

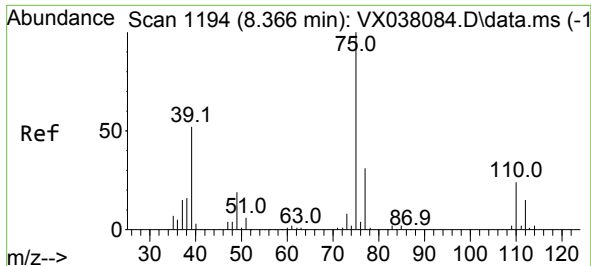
Tgt Ion: 75 Resp: 136

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

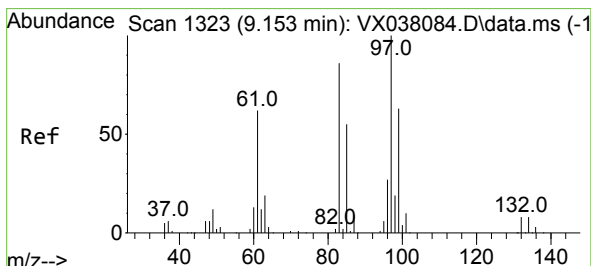
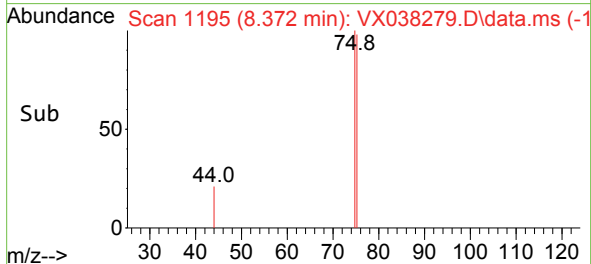
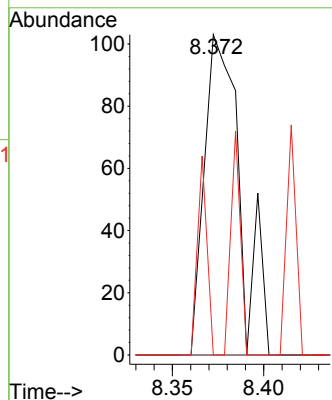
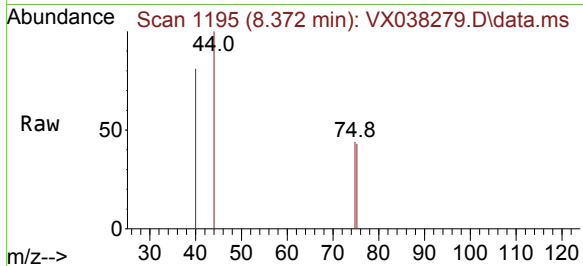




#54
 cis-1,3-Dichloropropene
 Concen: 0.058 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

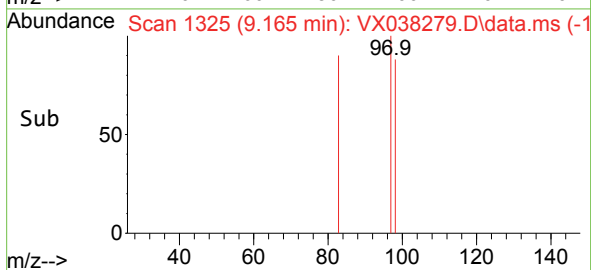
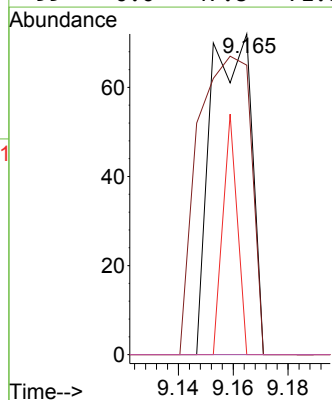
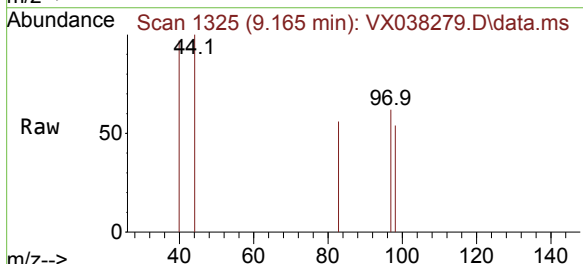
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

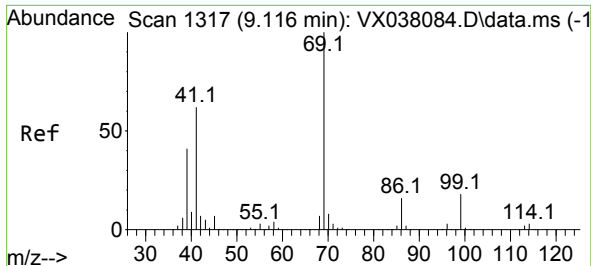
Tgt Ion: 75 Resp: 140
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 0.0 46.7 70.1#



#55
 1,1,2-Trichloroethane
 Concen: 0.044 ug/l
 RT: 9.165 min Scan# 1325
 Delta R.T. 0.012 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

Tgt Ion: 97 Resp: 74
 Ion Ratio Lower Upper
 97 100
 83 90.3 65.8 98.8
 85 0.0 41.6 62.4#
 99 0.0 47.8 71.8#

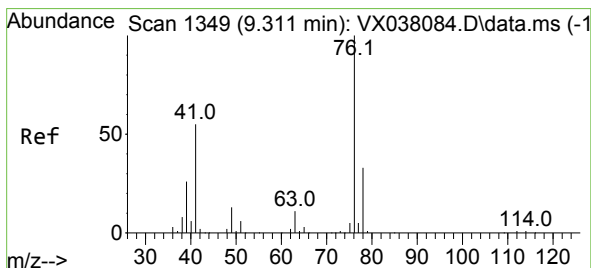
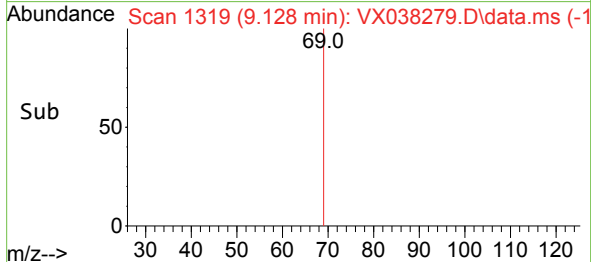
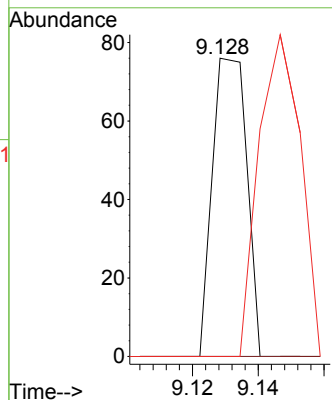
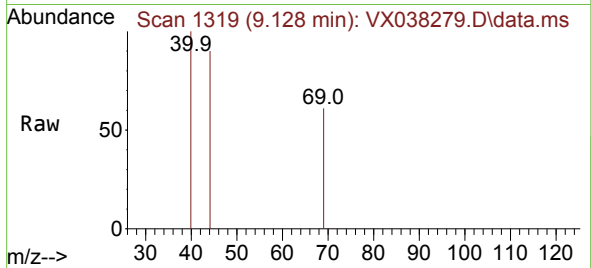




#56
Ethyl methacrylate
Concen: 0.022 ug/l
RT: 9.128 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

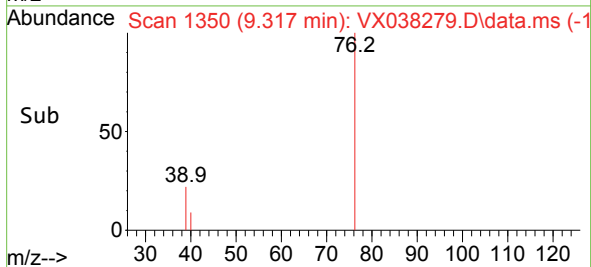
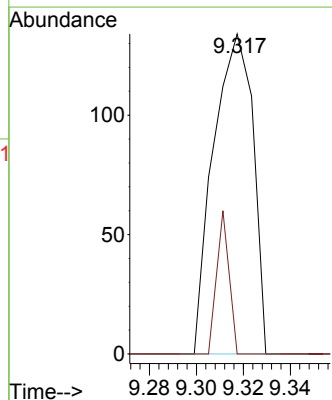
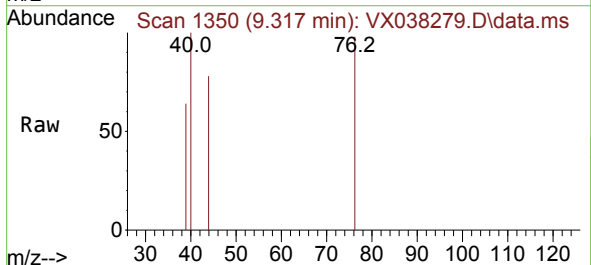
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

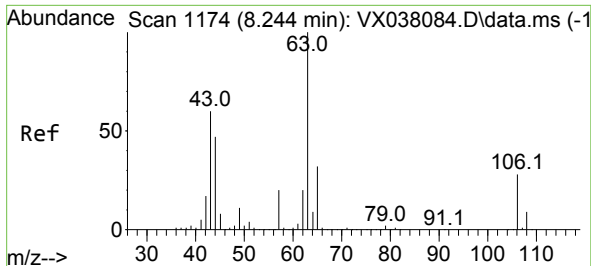
Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 0.0 56.8 85.2#
39 130.9 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 0.058 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 76 Resp: 157
Ion Ratio Lower Upper
76 100
78 14.0 26.1 39.1#





#58

2-Chloroethyl Vinyl ether

Concen: 0.315 ug/l

RT: 8.257 min Scan# 1176

Delta R.T. 0.013 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

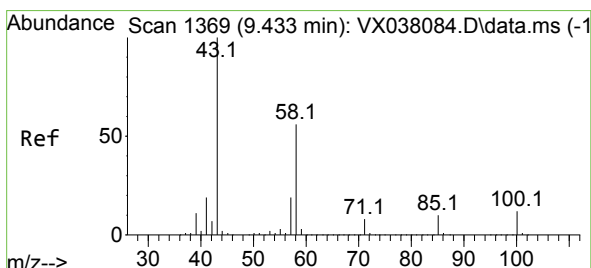
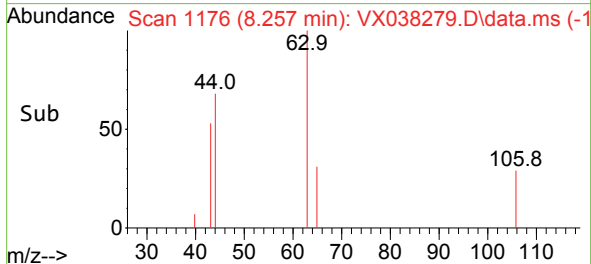
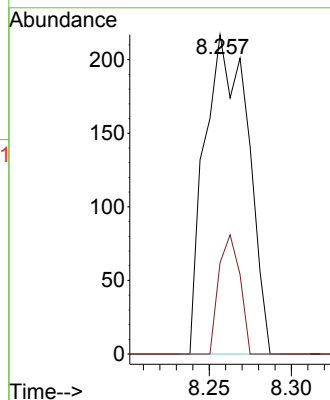
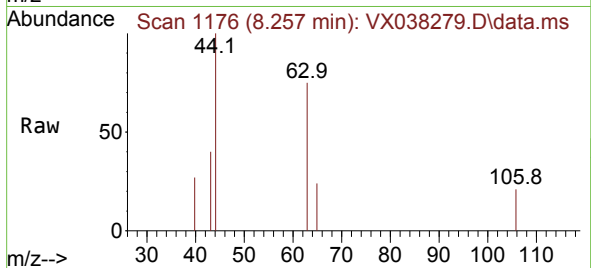
MDL-WATER-03-QT4-2023

Tgt Ion: 63 Resp: 395

Ion Ratio Lower Upper

63 100

106 18.2 22.5 33.7#



#59

2-Hexanone

Concen: 0.294 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.012 min

Lab File: VX038279.D

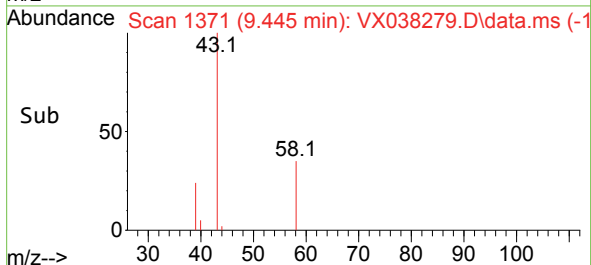
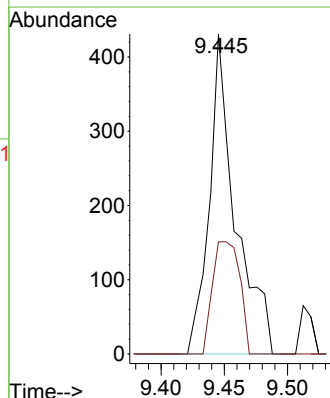
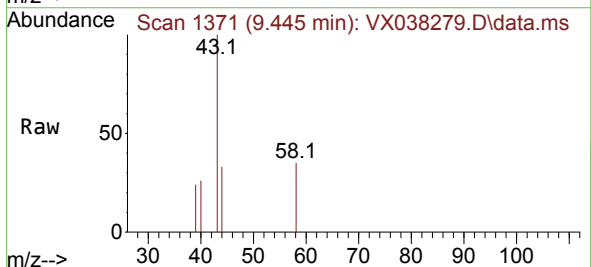
Acq: 13 Oct 2023 12:33

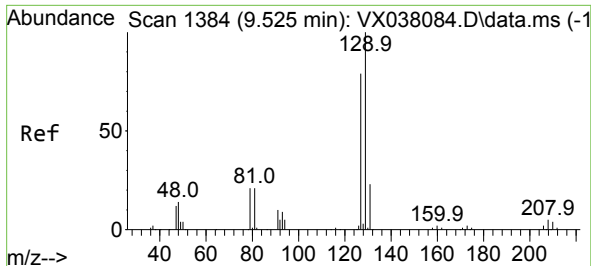
Tgt Ion: 43 Resp: 617

Ion Ratio Lower Upper

43 100

58 36.5 26.2 78.5

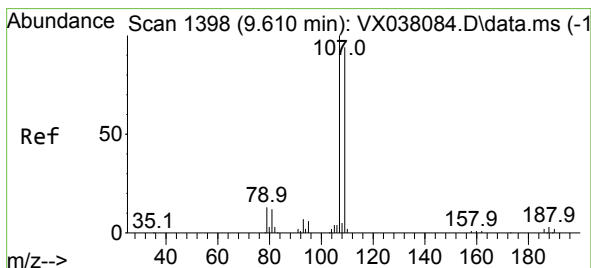
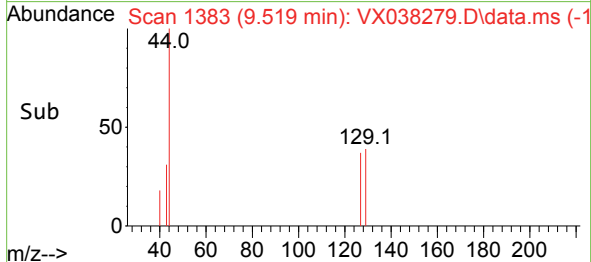
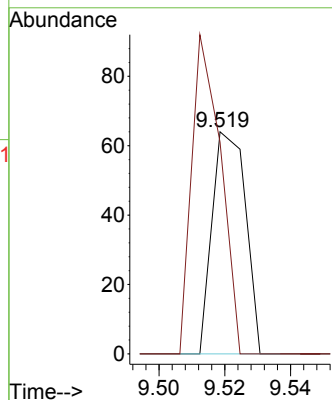
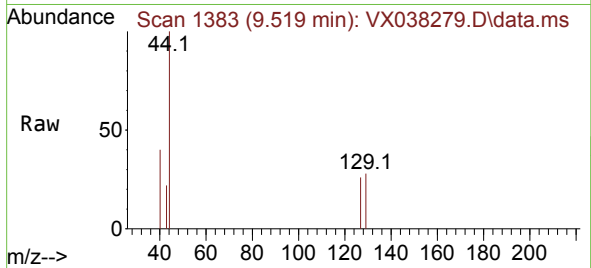




#60
Dibromochloromethane
Concen: 0.028 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

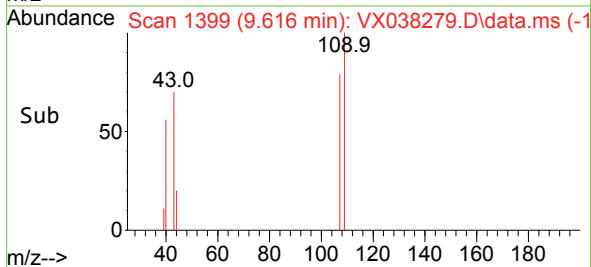
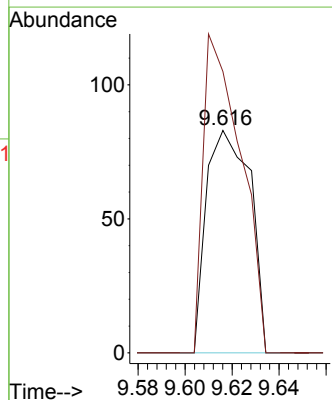
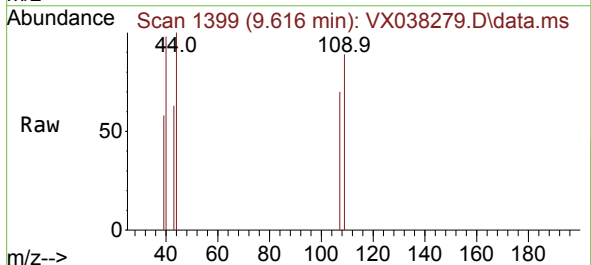
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

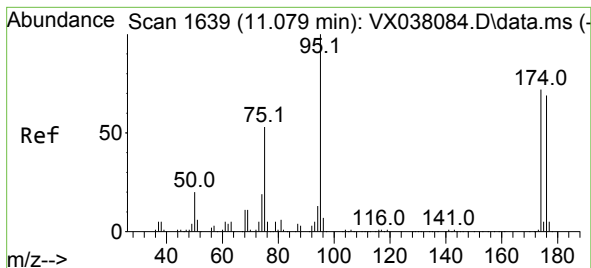
Tgt Ion:129 Resp: 45
Ion Ratio Lower Upper
129 100
127 124.4 38.8 116.4#



#61
1,2-Dibromoethane
Concen: 0.060 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion:107 Resp: 108
Ion Ratio Lower Upper
107 100
109 122.2 75.2 112.8#

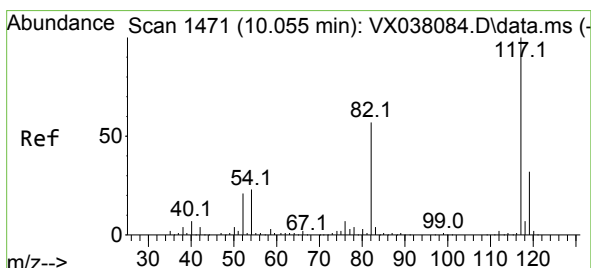
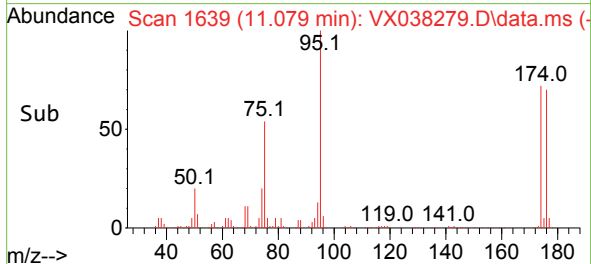
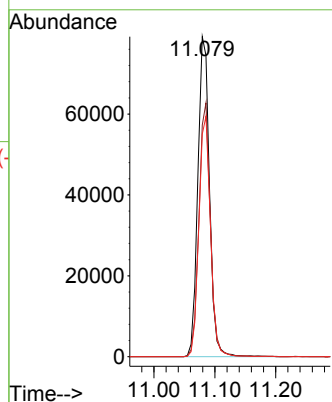
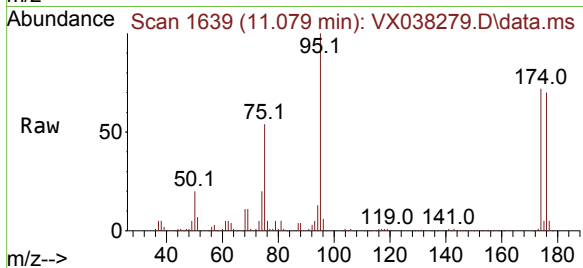




#62
4-Bromofluorobenzene
Concen: 46.794 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

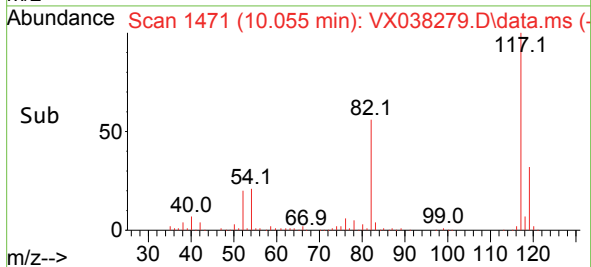
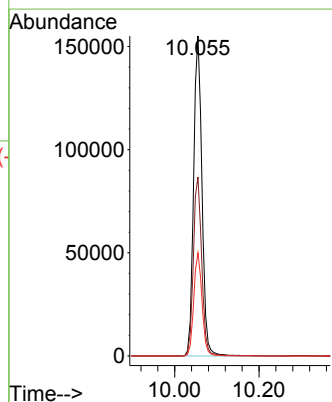
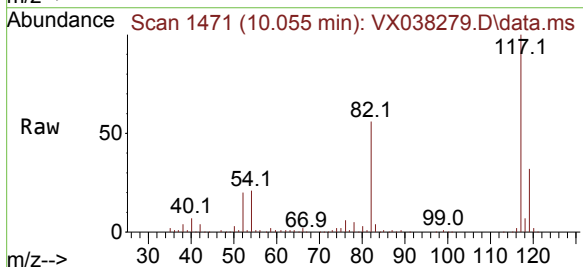
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

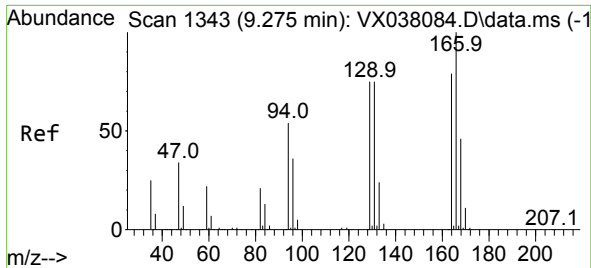
Tgt Ion: 95 Resp: 105107
Ion Ratio Lower Upper
95 100
174 77.5 0.0 135.6
176 74.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 117 Resp: 213813
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.2 25.5 38.3

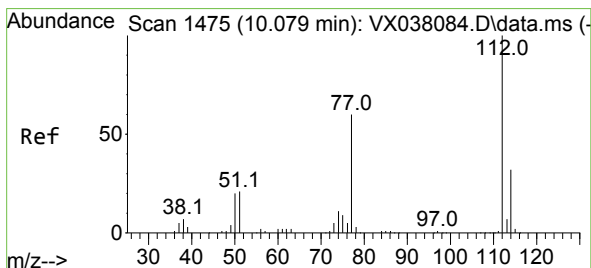
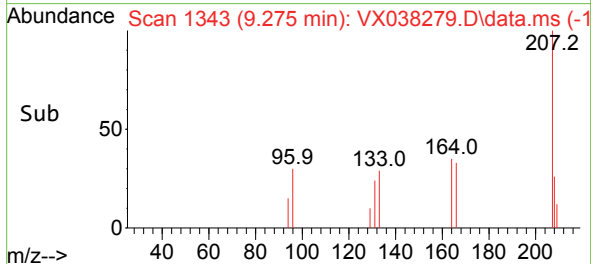
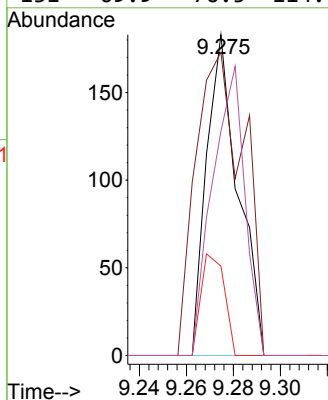
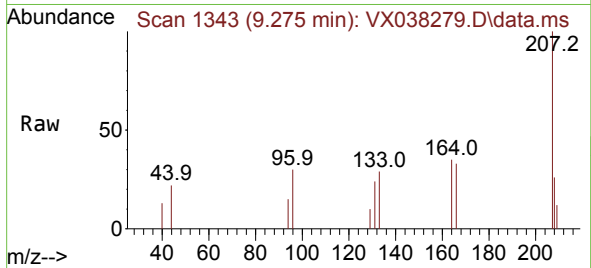




#64
Tetrachloroethene
Concen: 0.123 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

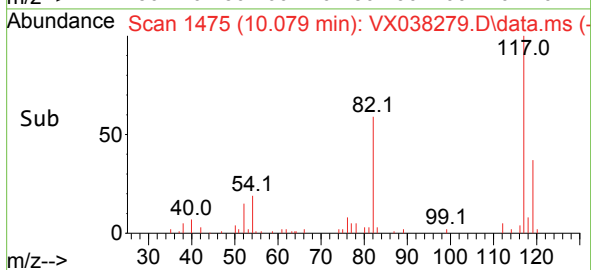
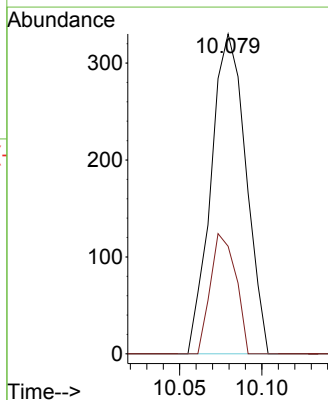
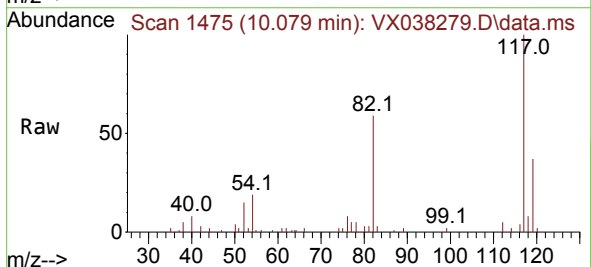
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

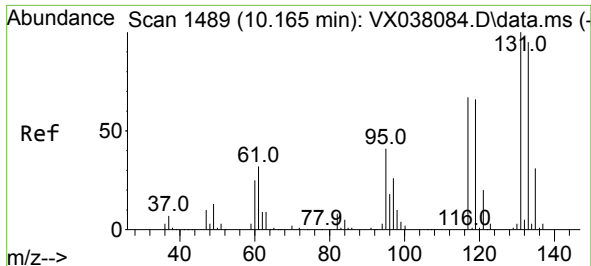
Tgt Ion:164 Resp: 170
Ion Ratio Lower Upper
164 100
166 94.5 102.7 154.1#
129 27.9 80.4 120.6#
131 69.9 76.5 114.7#



#65
Chlorobenzene
Concen: 0.109 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion:112 Resp: 488
Ion Ratio Lower Upper
112 100
114 33.6 25.7 38.5

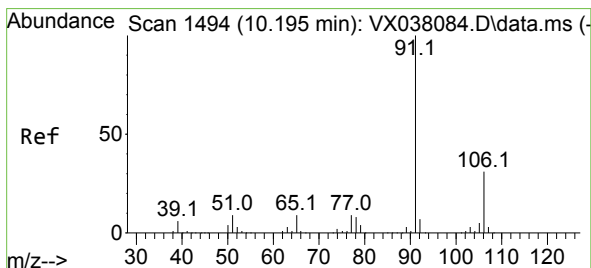
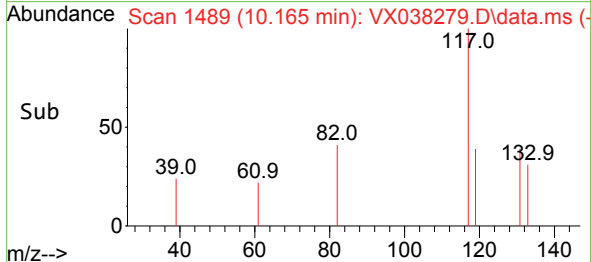
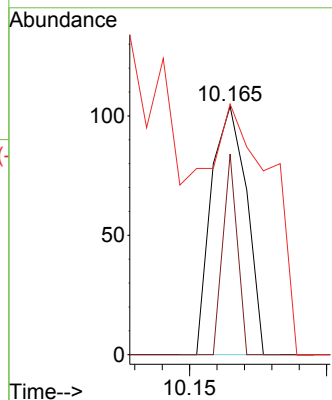
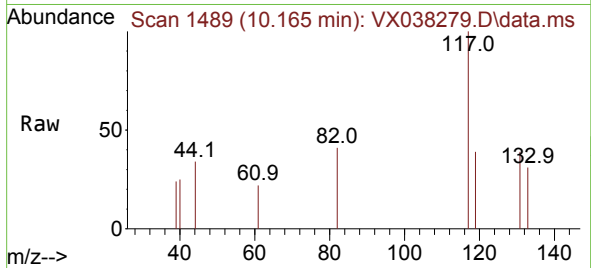




#66
1,1,1,2-Tetrachloroethane
Concen: 0.061 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

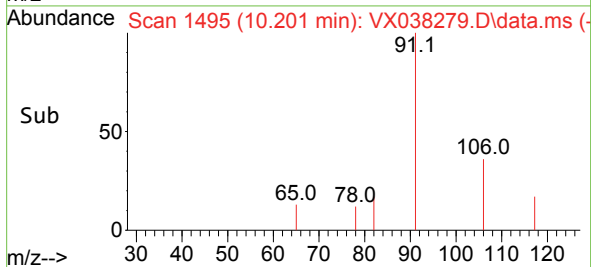
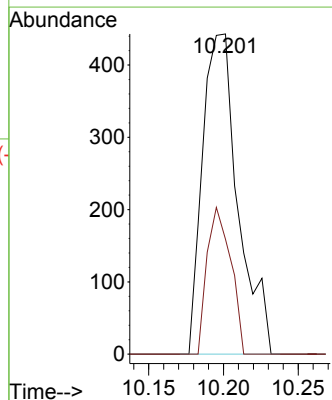
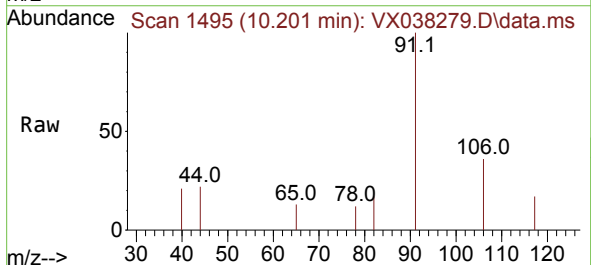
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

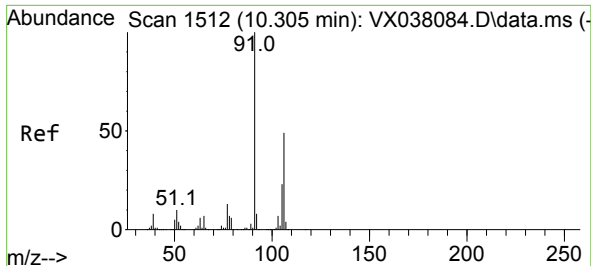
Tgt Ion:131 Resp: 93
Ion Ratio Lower Upper
131 100
133 33.3 47.1 141.4#
119 0.0 32.2 96.6#



#67
Ethyl Benzene
Concen: 0.092 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 91 Resp: 734
Ion Ratio Lower Upper
91 100
106 35.9 24.9 37.3

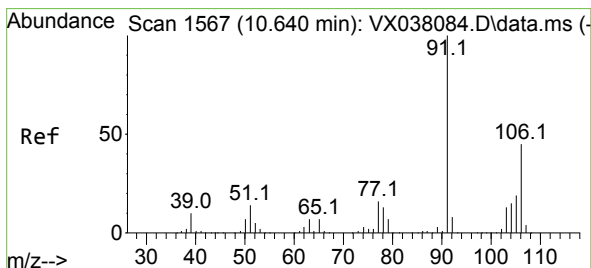
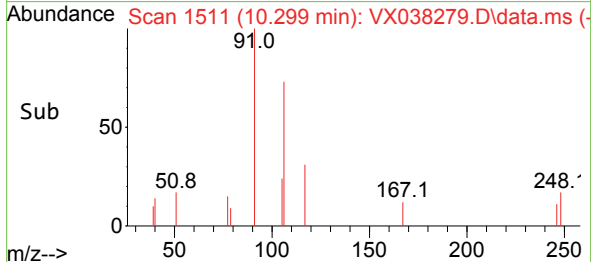
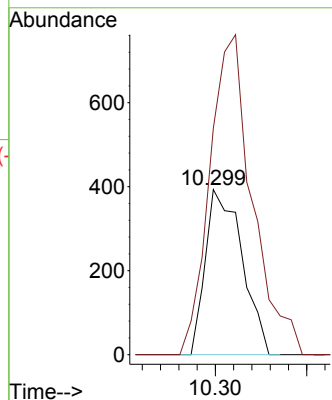
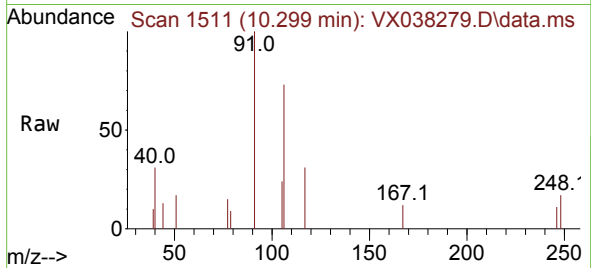




#68
m/p-Xylenes
Concen: 0.177 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

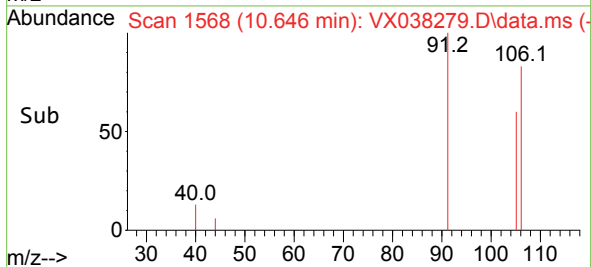
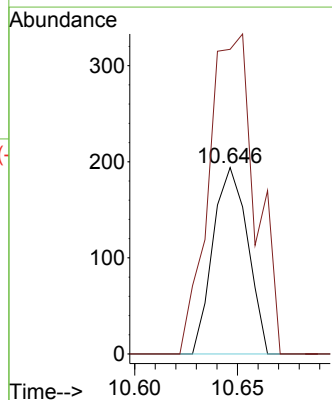
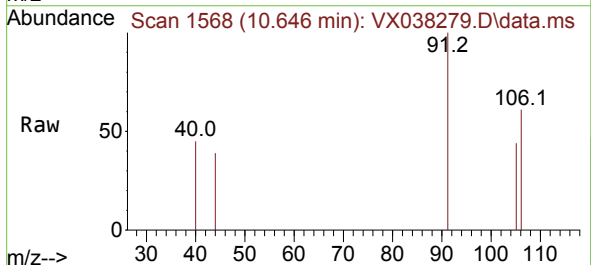
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

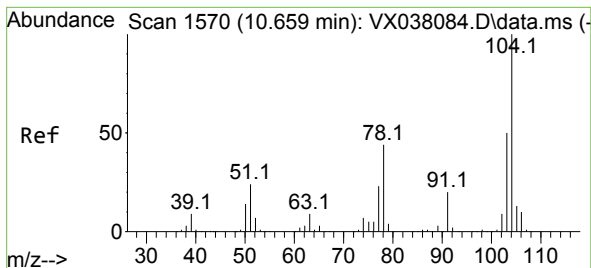
Tgt Ion:106 Resp: 547
Ion Ratio Lower Upper
106 100
91 225.2 165.5 248.3



#69
o-Xylene
Concen: 0.076 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion:106 Resp: 228
Ion Ratio Lower Upper
106 100
91 230.7 108.9 326.8





#70

Styrene

Concen: 0.064 ug/l

RT: 10.659 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

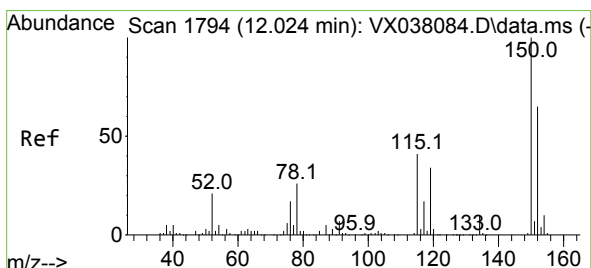
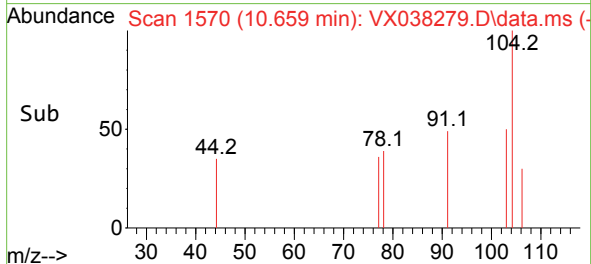
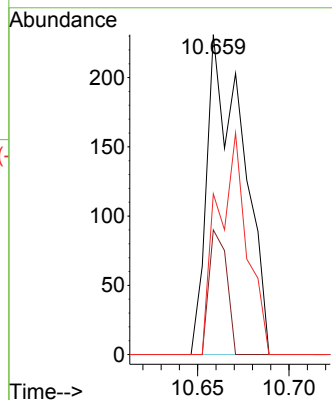
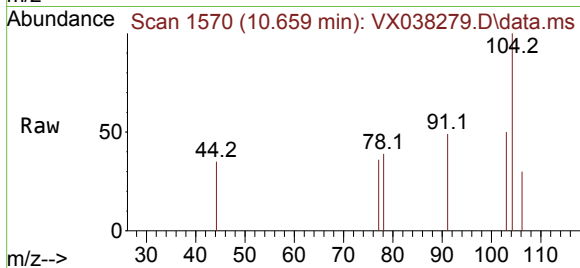
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion:104	Resp:	315
Ion	Ratio	Lower Upper
104	100	
78	19.0	43.6 65.4#
103	56.8	43.6 65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

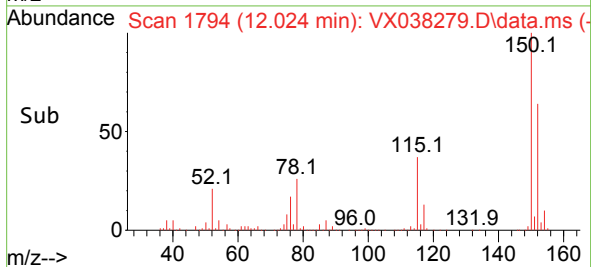
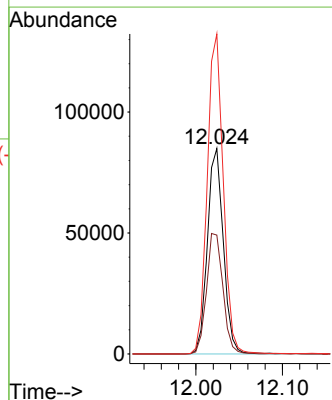
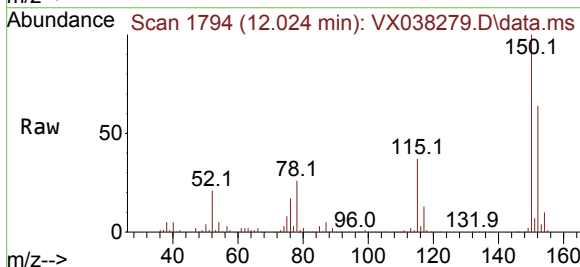
RT: 12.024 min Scan# 1794

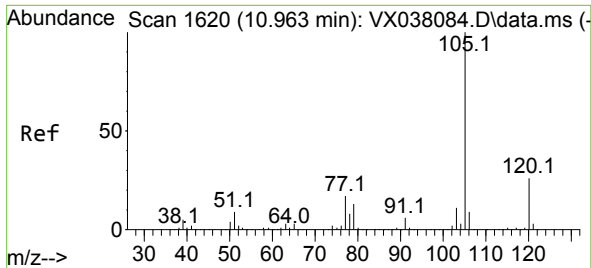
Delta R.T. 0.000 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Tgt Ion:152	Resp:	108709
Ion	Ratio	Lower Upper
152	100	
115	60.4	43.3 129.9
150	156.2	0.0 345.0

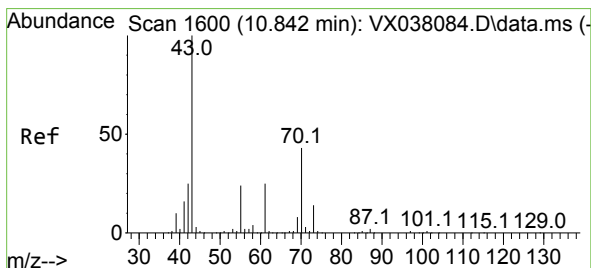
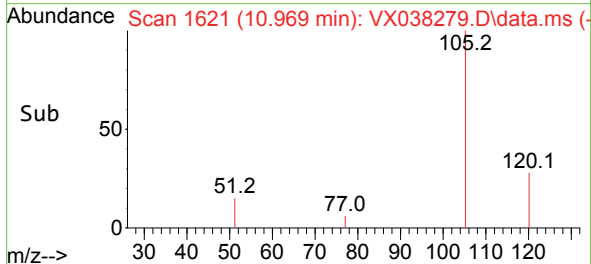
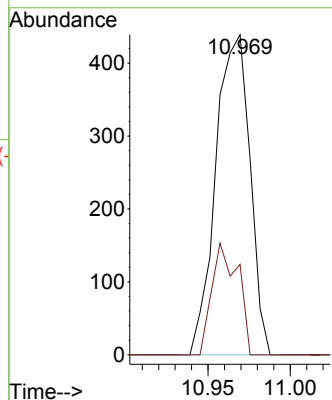
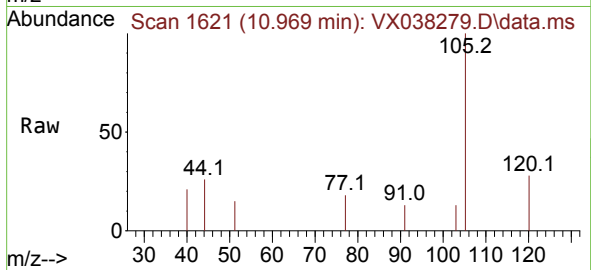




#73
Isopropylbenzene
Concen: 0.087 ug/l
RT: 10.969 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

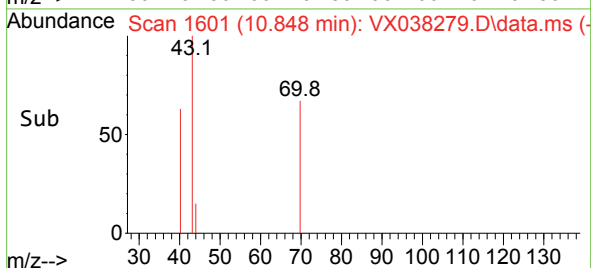
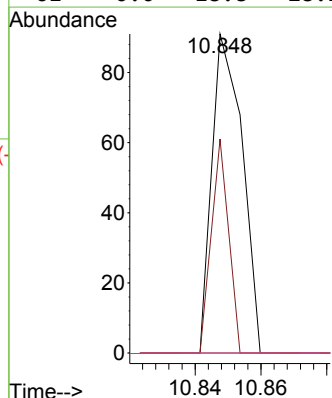
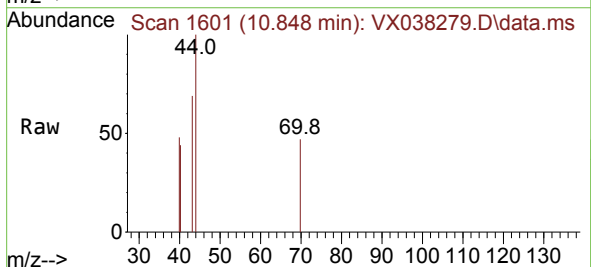
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

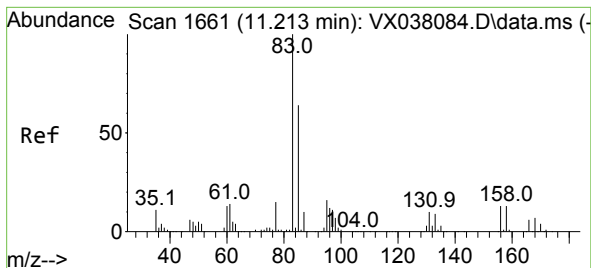
Tgt Ion:105 Resp: 634
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6



#74
N-ethyl acetate
Concen: 0.019 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.053 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

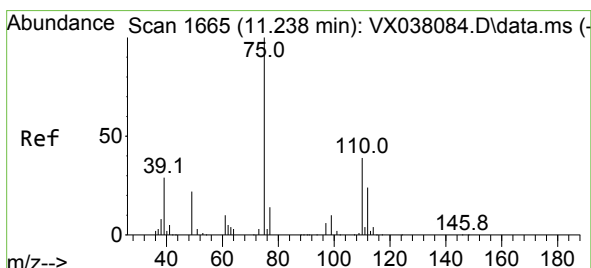
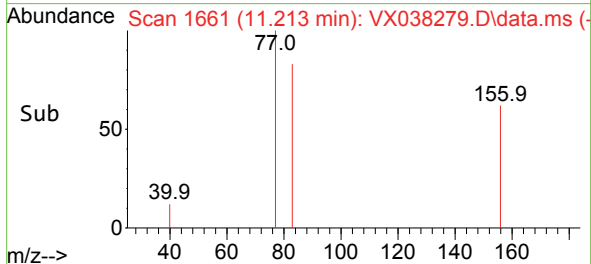
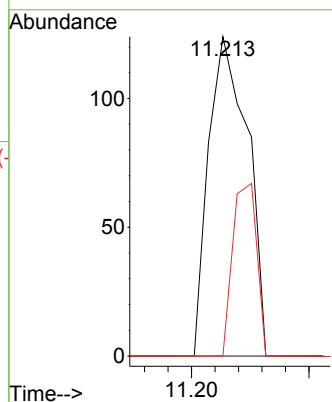
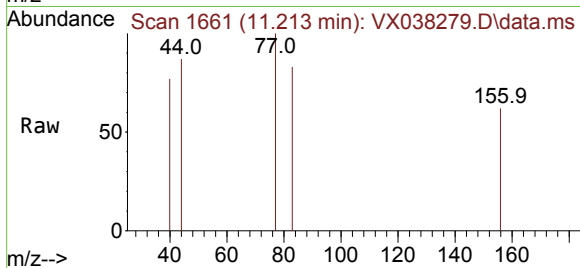
Tgt Ion: 83 Resp: 143

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 33.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 23.161 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038279.D

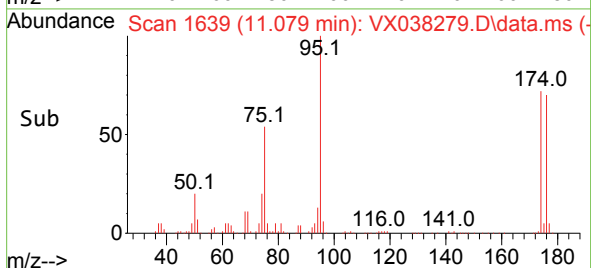
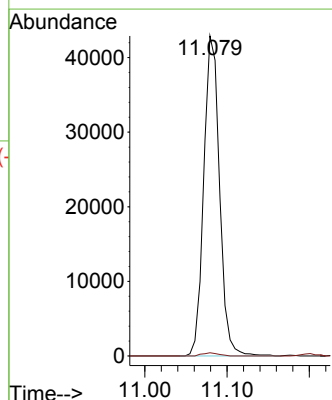
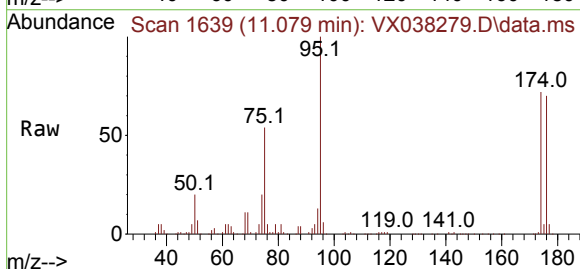
Acq: 13 Oct 2023 12:33

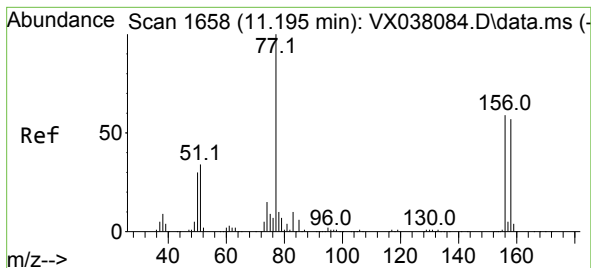
Tgt Ion: 75 Resp: 57239

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#77

Bromobenzene

Concen: 0.087 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.012 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

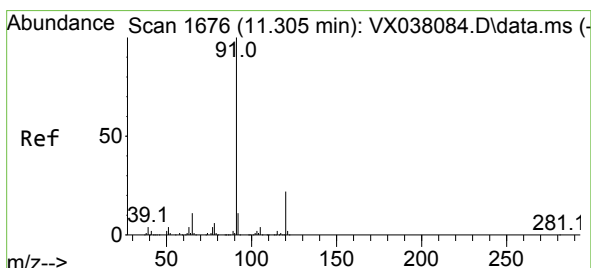
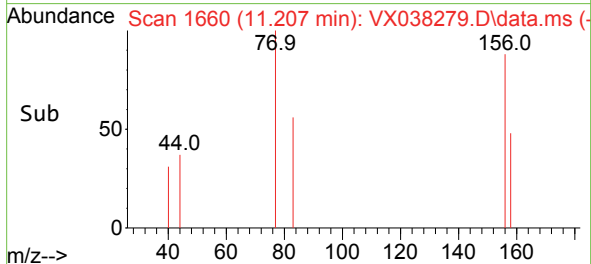
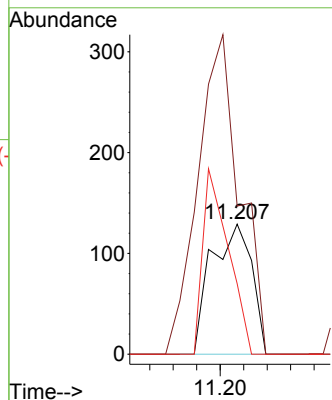
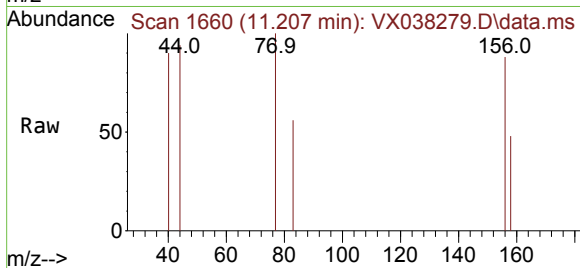
Tgt Ion:156 Resp: 154

Ion Ratio Lower Upper

156 100

77 255.8 88.4 265.3

158 90.3 48.0 144.0



#78

n-propylbenzene

Concen: 0.090 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX038279.D

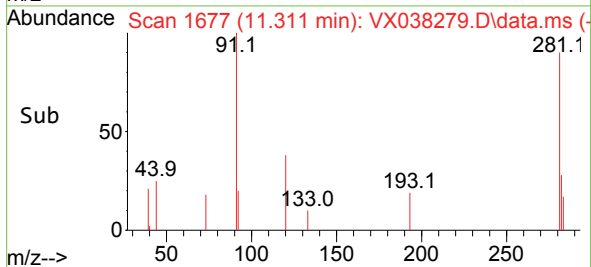
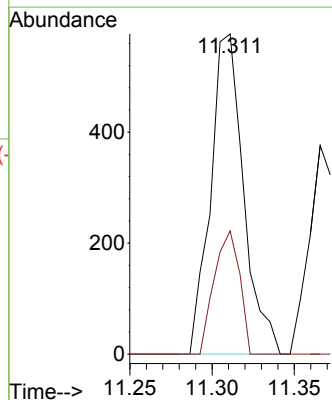
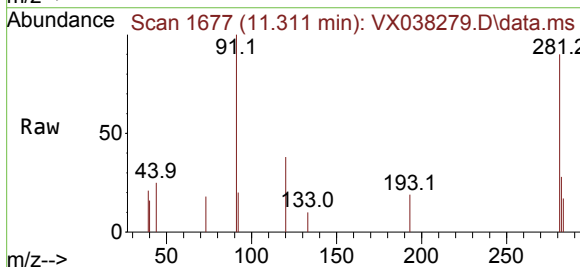
Acq: 13 Oct 2023 12:33

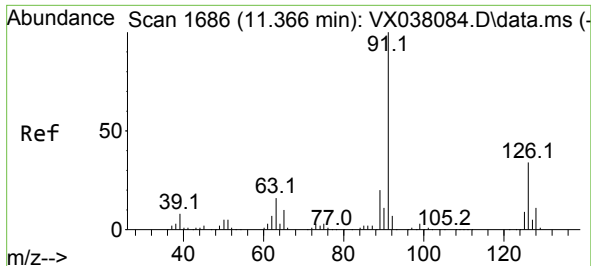
Tgt Ion: 91 Resp: 805

Ion Ratio Lower Upper

91 100

120 29.6 11.5 34.4

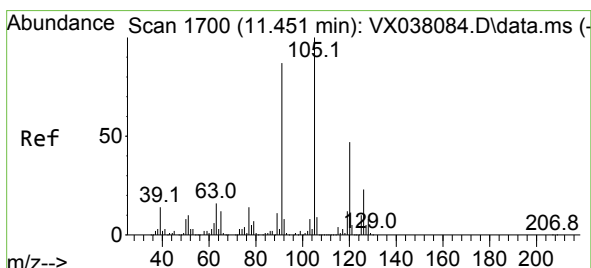
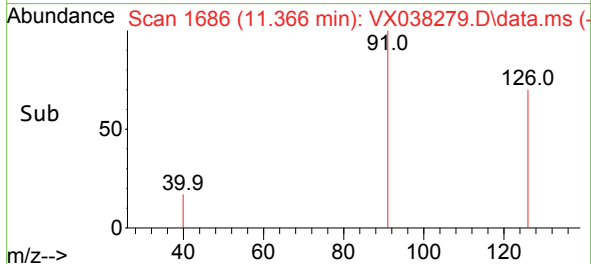
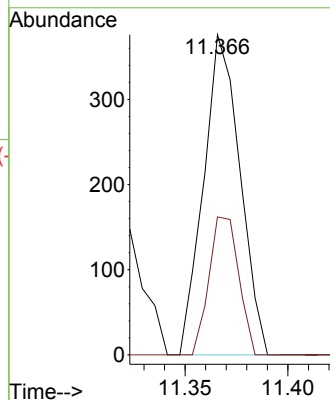
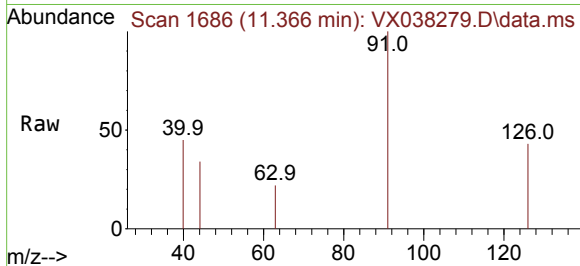




#79
2-Chlorotoluene
Concen: 0.088 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

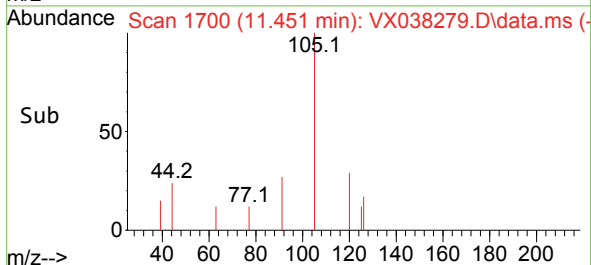
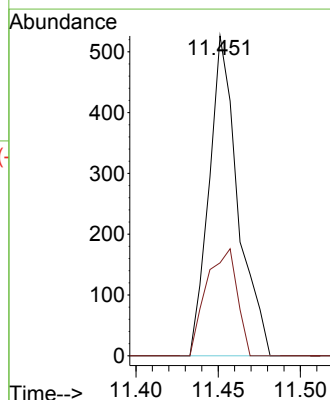
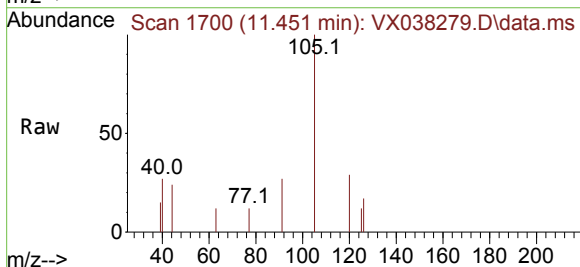
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

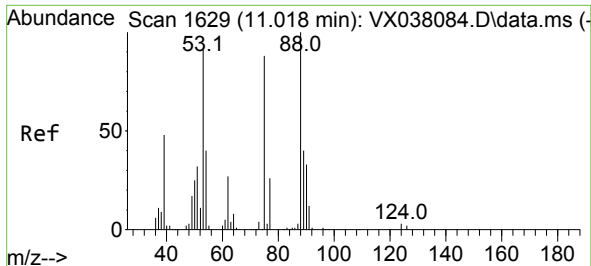
Tgt Ion: 91 Resp: 463
Ion Ratio Lower Upper
91 100
126 35.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.102 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 105 Resp: 641
Ion Ratio Lower Upper
105 100
120 35.6 24.1 72.3

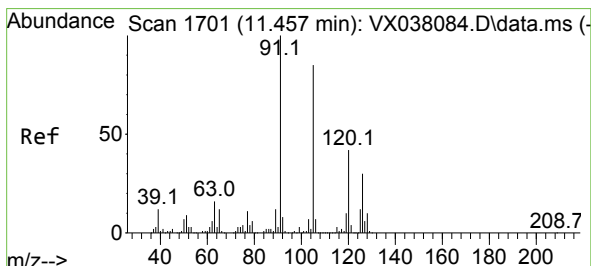
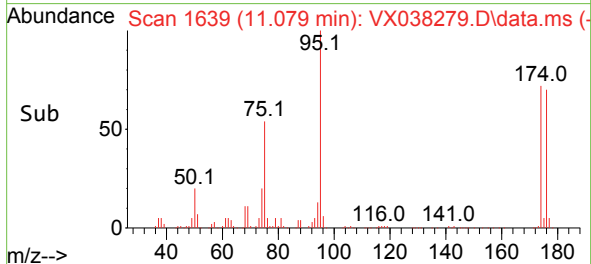
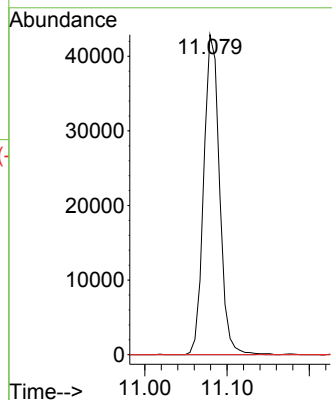
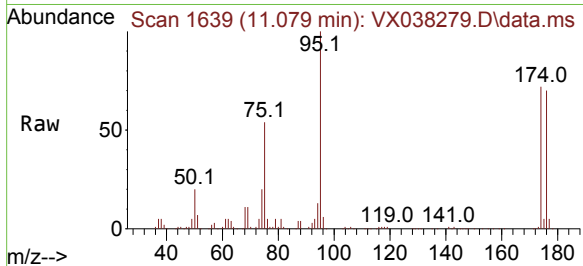




#81
trans-1,4-Dichloro-2-butene
Concen: 73.946 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

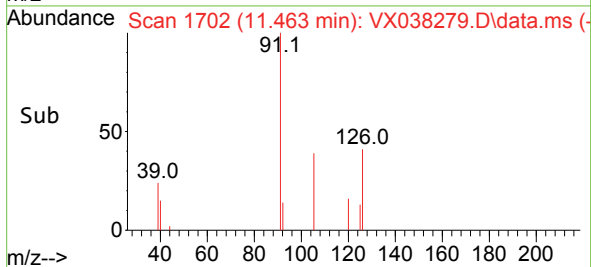
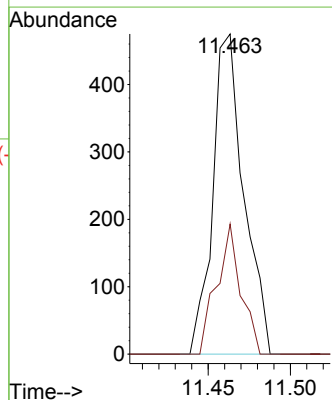
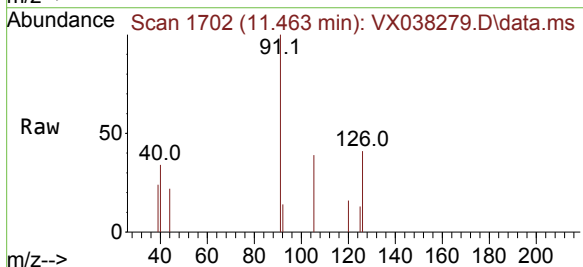
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

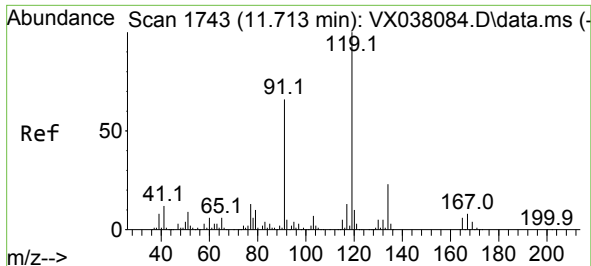
Tgt Ion: 75 Resp: 57239
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.100 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VX038279.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 91 Resp: 624
Ion Ratio Lower Upper
91 100
126 31.6 14.2 42.6

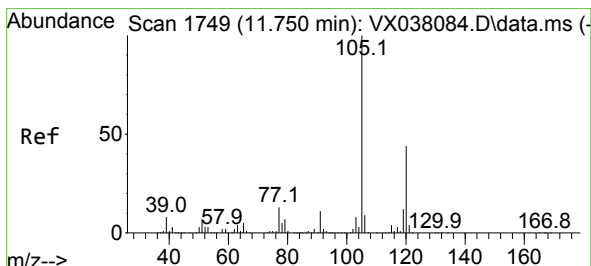
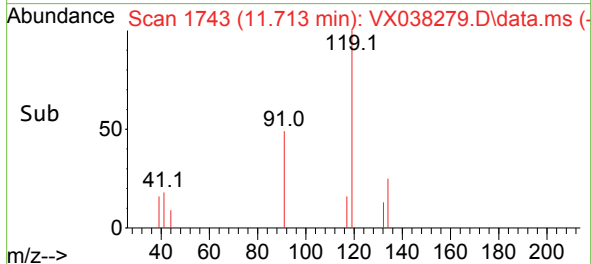
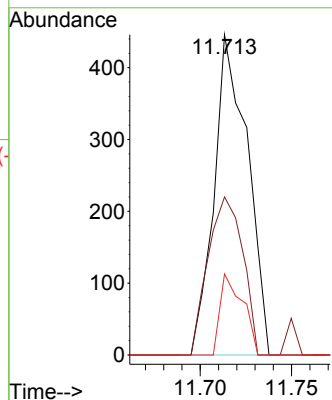
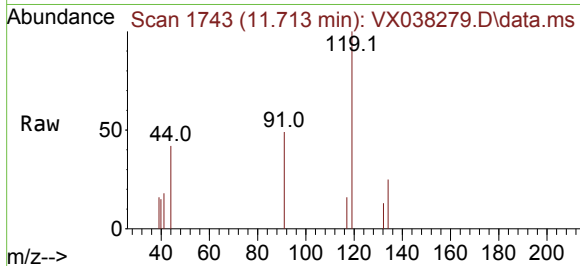




#83
 tert-Butylbenzene
 Concen: 0.092 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

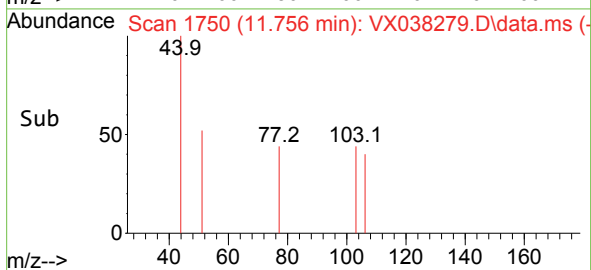
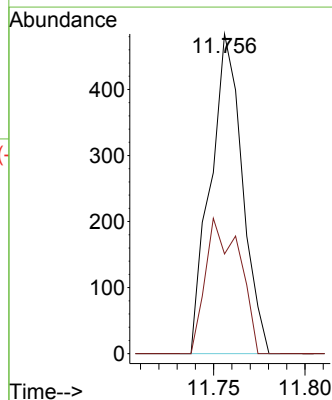
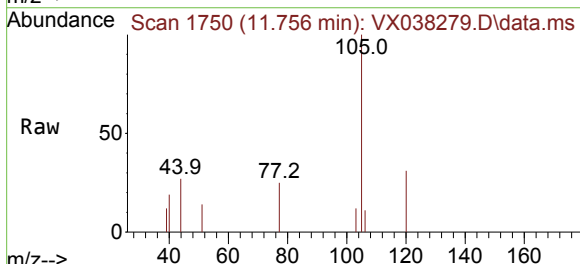
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

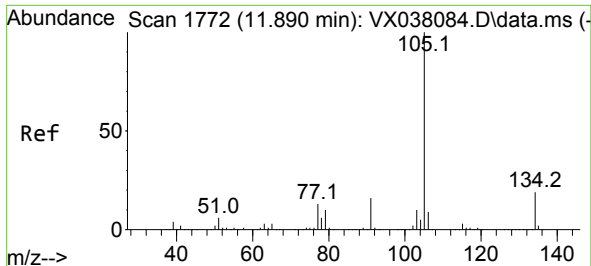
Tgt Ion:119	Resp:	567
Ion	Ratio	Lower Upper
119	100	
91	51.3	31.2 93.6
134	17.1	11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.094 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

Tgt Ion:105	Resp:	587
Ion	Ratio	Lower Upper
105	100	
120	45.1	21.2 63.6

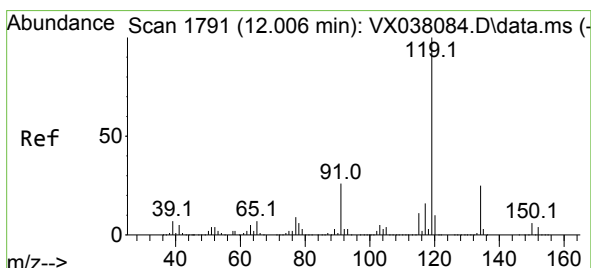
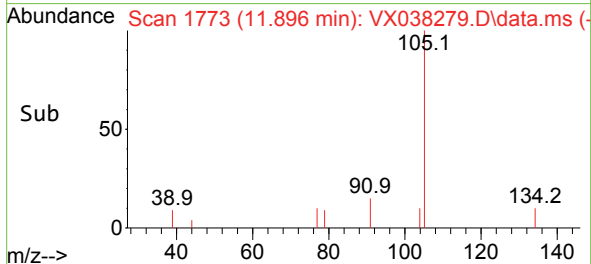
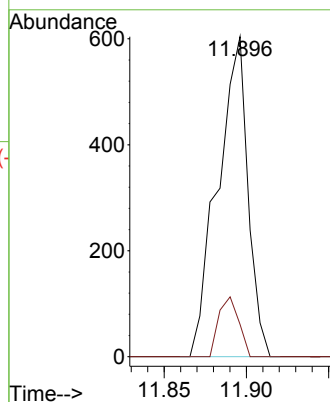
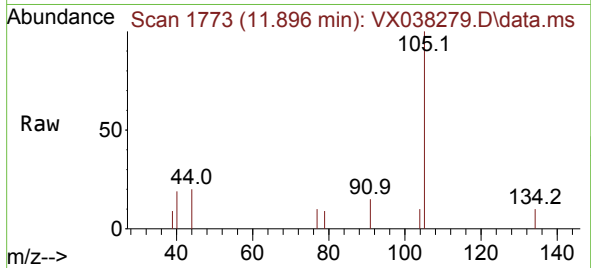




#85
 sec-Butylbenzene
 Concen: 0.097 ug/l
 RT: 11.896 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

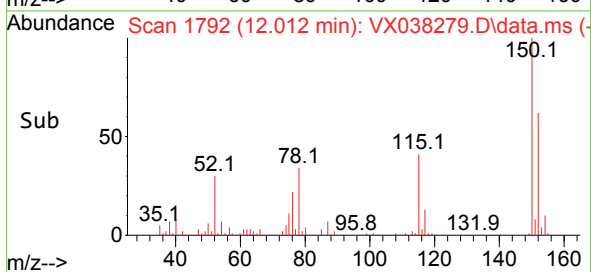
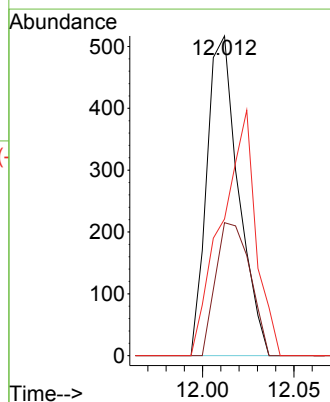
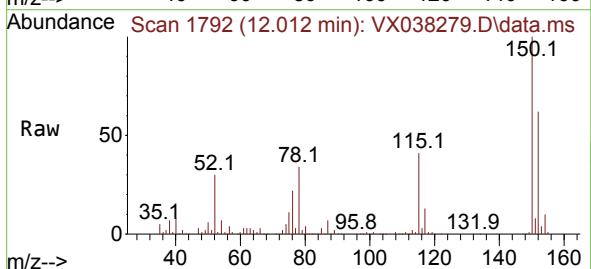
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

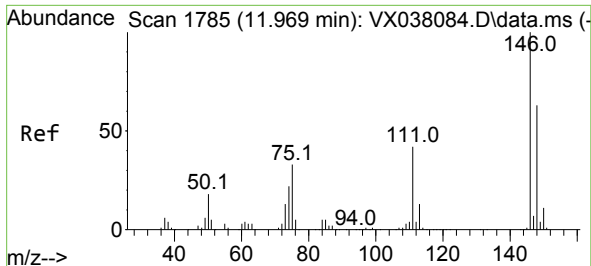
Tgt Ion:105 Resp: 771
 Ion Ratio Lower Upper
 105 100
 134 12.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.095 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

Tgt Ion:119 Resp: 623
 Ion Ratio Lower Upper
 119 100
 134 45.3 12.8 38.3#
 91 83.5 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.122 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

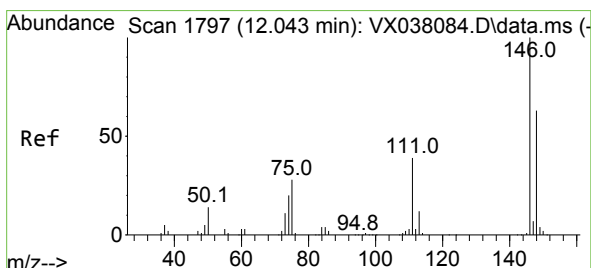
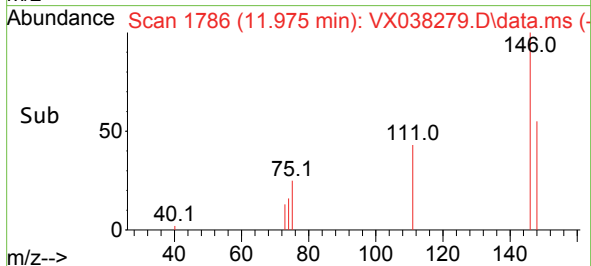
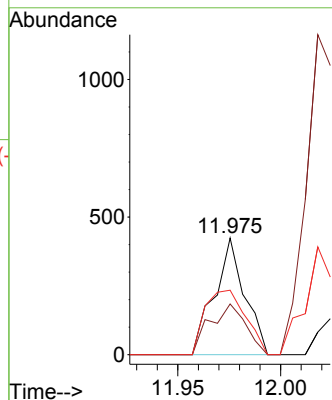
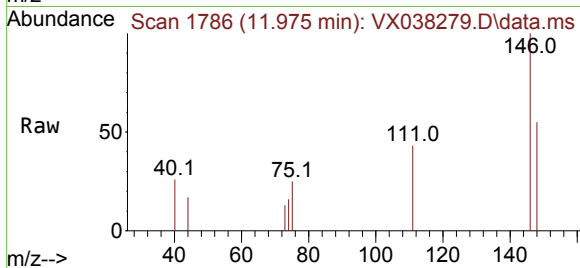
Tgt Ion:146 Resp: 435

Ion Ratio Lower Upper

146 100

111 51.0 22.1 66.1

148 74.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.119 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.068 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

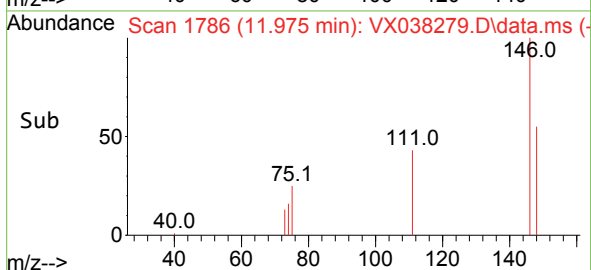
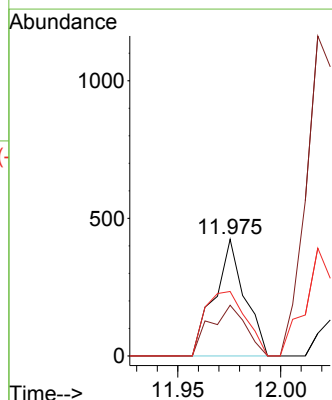
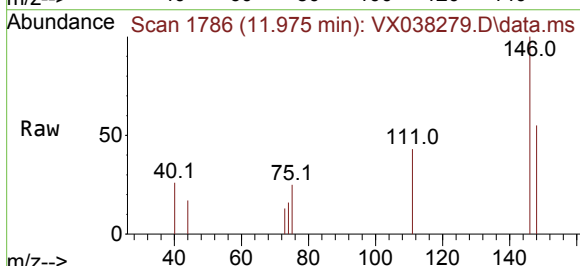
Tgt Ion:146 Resp: 435

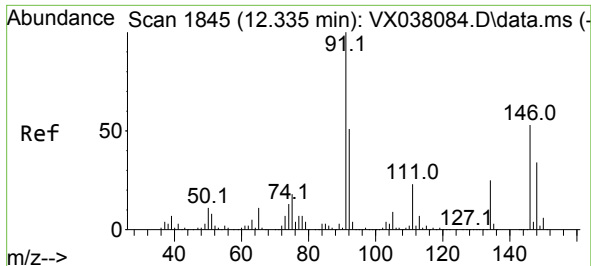
Ion Ratio Lower Upper

146 100

111 51.0 21.3 63.7

148 74.0 31.8 95.4





#89

n-Butylbenzene

Concen: 0.099 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

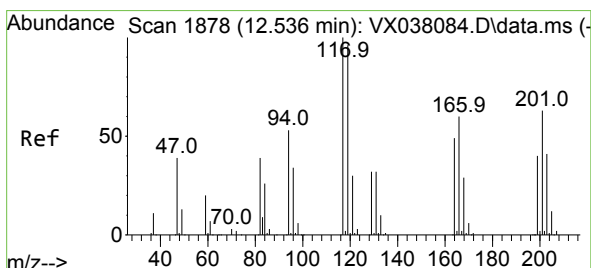
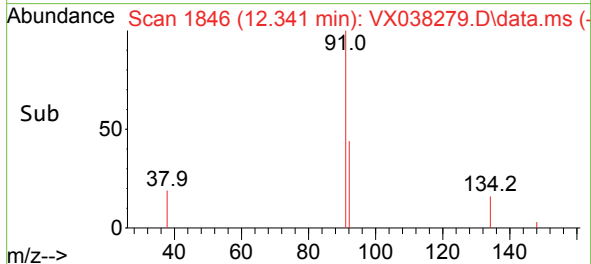
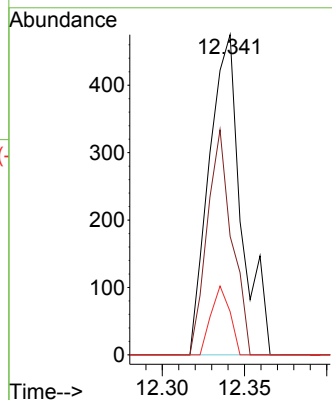
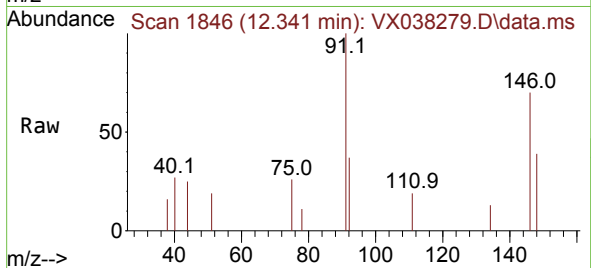
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 91	Resp:	646
Ion	Ratio	Lower Upper
91	100	
92	54.0	27.4 82.0
134	12.5	12.6 37.8#



#90

Hexachloroethane

Concen: 0.061 ug/l

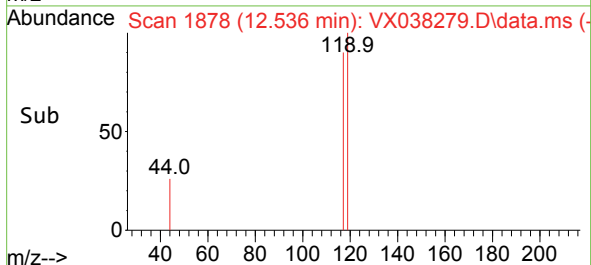
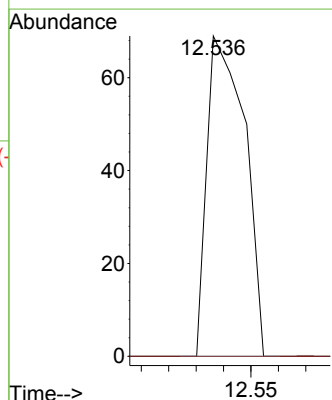
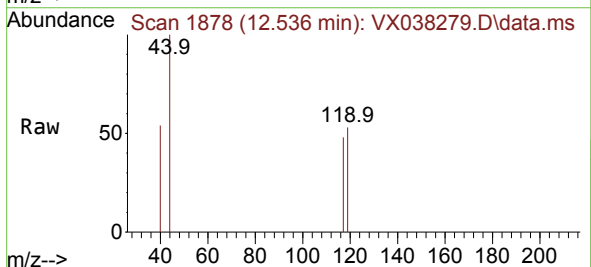
RT: 12.536 min Scan# 1878

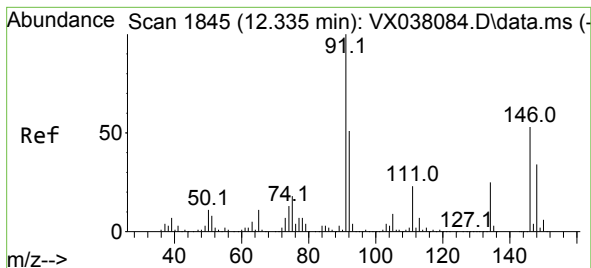
Delta R.T. 0.000 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Tgt Ion: 117	Resp:	66
Ion	Ratio	Lower Upper
117	100	
201	0.0	32.9 98.6#





#91

1,2-Dichlorobenzene

Concen: 0.105 ug/l

RT: 12.341 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

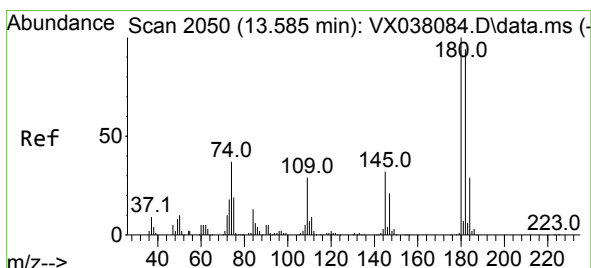
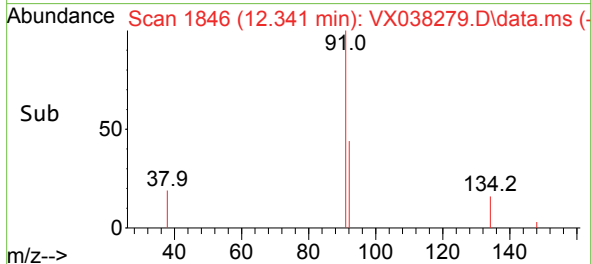
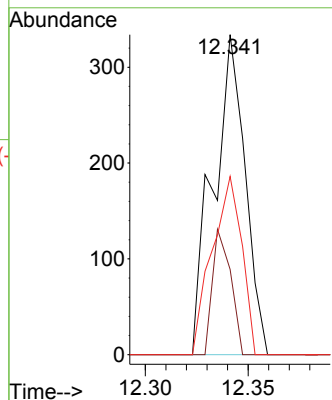
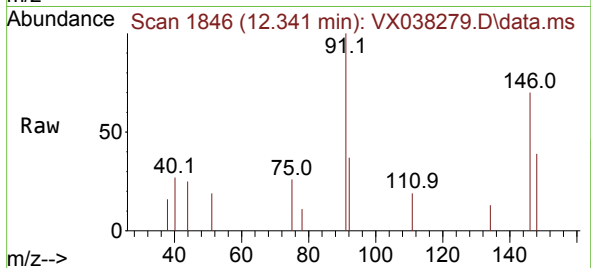
Tgt Ion:146 Resp: 360

Ion Ratio Lower Upper

146 100

111 22.2 22.4 67.0#

148 51.9 31.6 95.0



#93

1,2,4-Trichlorobenzene

Concen: 0.156 ug/l

RT: 13.597 min Scan# 2052

Delta R.T. 0.012 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

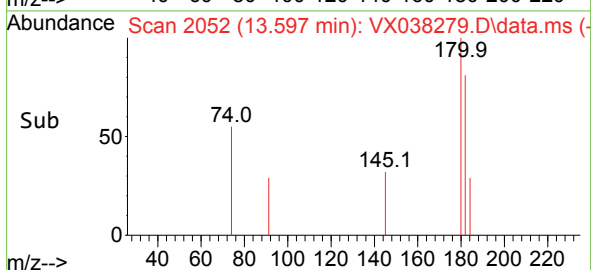
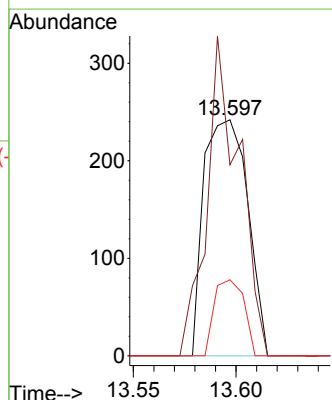
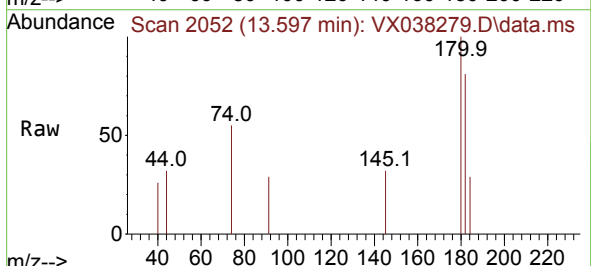
Tgt Ion:180 Resp: 360

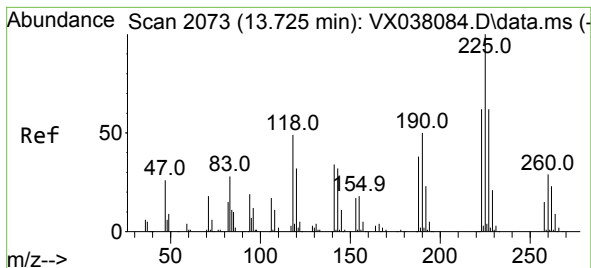
Ion Ratio Lower Upper

180 100

182 100.3 48.3 144.8

145 21.7 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.100 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038279.D

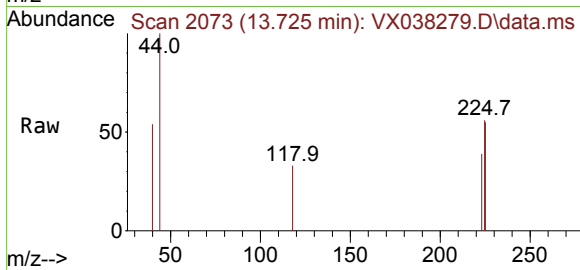
Acq: 13 Oct 2023 12:33

Instrument :

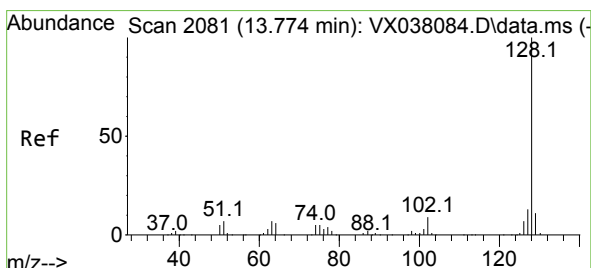
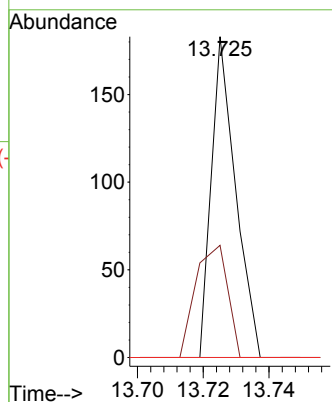
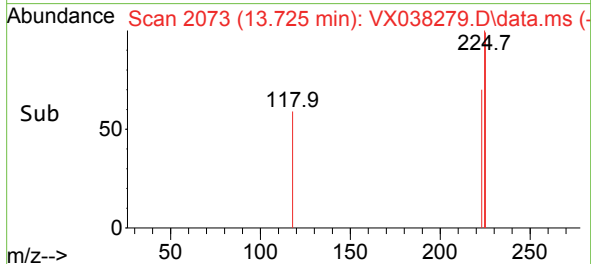
MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion:225	Resp:	93
Ion Ratio	Lower	Upper
225	100	
223	46.2	31.1 93.2
227	0.0	32.5 97.5#



#95

Naphthalene

Concen: 0.096 ug/l

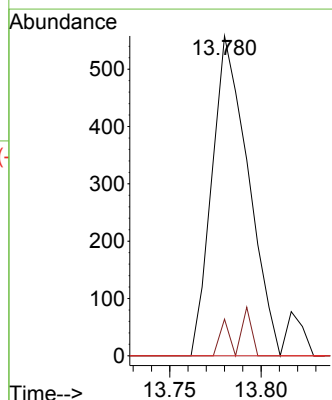
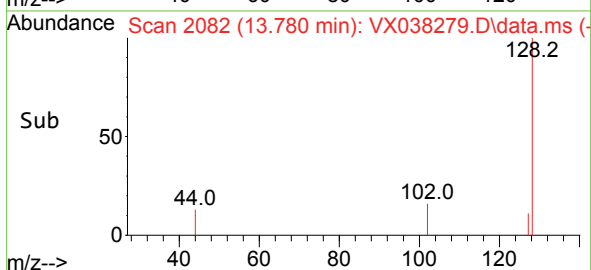
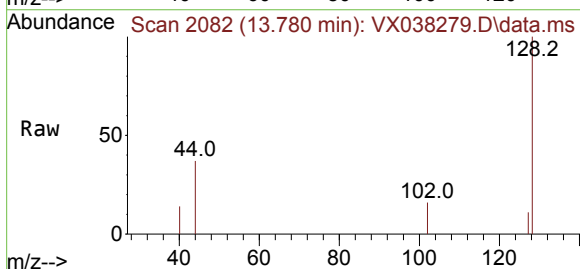
RT: 13.780 min Scan# 2082

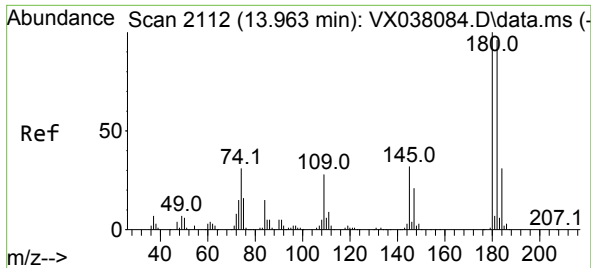
Delta R.T. 0.006 min

Lab File: VX038279.D

Acq: 13 Oct 2023 12:33

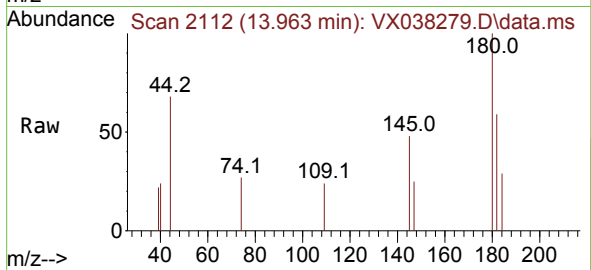
Tgt Ion:128	Resp:	769
Ion Ratio	Lower	Upper
128	100	
127	3.0	10.3 15.5#
129	0.0	8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.140 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX038279.D
 Acq: 13 Oct 2023 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023



Tgt Ion:	180	Resp:	313
Ion	Ratio	Lower	Upper
180	100		
182	61.0	46.9	140.6
145	30.0	17.8	53.5

