

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038280.D
 Acq On : 13 Oct 2023 13:01
 Operator : JC/MD
 Sample : 04699-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 14 00:57:14 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	5.550	168	133686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114207	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99671	46.353	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.700%
35) Dibromofluoromethane	5.385	113	77096	46.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	8.647	98	285761	45.135	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.260%#
62) 4-Bromofluorobenzene	11.079	95	104355	43.477	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.960%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	653	0.506	ug/l	93
3) Chloromethane	1.294	50	710	0.540	ug/l	94
4) Vinyl Chloride	1.374	62	859	0.589	ug/l #	69
5) Bromomethane	1.611	94	1027	0.516	ug/l	97
6) Chloroethane	1.691	64	758	0.586	ug/l #	83
7) Trichlorofluoromethane	1.886	101	1453	0.504	ug/l	98
8) Diethyl Ether	2.136	74	489	0.455	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	657	0.523	ug/l #	93
10) Methyl Iodide	2.453	142	751	0.415	ug/l #	80
11) Tert butyl alcohol	2.959	59	1005	1.919	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	546	0.446	ug/l #	68
13) Acrolein	2.233	56	623	2.038	ug/l	94
14) Allyl chloride	2.666	41	1027	0.469	ug/l	98
15) Acrylonitrile	3.062	53	2153	2.200	ug/l	94
16) Acetone	2.373	43	2423	2.700	ug/l	91
17) Carbon Disulfide	2.514	76	1694	0.481	ug/l #	92
18) Methyl Acetate	2.703	43	1814	0.471	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	1984	0.407	ug/l	98
20) Methylene Chloride	2.794	84	918	0.544	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	666	0.440	ug/l	94
22) Diisopropyl ether	3.763	45	1707	0.372	ug/l #	82
23) Vinyl Acetate	3.733	43	5729	1.704	ug/l	99
24) 1,1-Dichloroethane	3.605	63	1204	0.433	ug/l #	83
25) 2-Butanone	4.574	43	2933	2.026	ug/l #	82
26) 2,2-Dichloropropane	4.471	77	829	0.382	ug/l #	67
27) cis-1,2-Dichloroethene	4.489	96	426	0.236	ug/l	32
28) Bromochloromethane	4.891	49	558	0.444	ug/l #	96
29) Tetrahydrofuran	5.019	42	1867	1.980	ug/l #	86
30) Chloroform	5.086	83	1311	0.431	ug/l	98
31) Cyclohexane	5.446	56	337	0.145	ug/l #	70
32) 1,1,1-Trichloroethane	5.385	97	959	0.368	ug/l #	49
36) 1,1-Dichloropropene	5.690	75	1163	0.509	ug/l #	80
37) Ethyl Acetate	4.739	43	923	0.340	ug/l #	69
38) Carbon Tetrachloride	5.672	117	1180	0.525	ug/l #	71
39) Methylcyclohexane	7.379	83	1156	0.432	ug/l	91
40) Benzene	6.031	78	2793	0.437	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	466	0.345	ug/l #	84
42) 1,2-Dichloroethane	6.092	62	1250	0.490	ug/l	87
43) Isopropyl Acetate	6.348	43	1508	0.372	ug/l #	84
44) Trichloroethene	7.117	130	470	0.281	ug/l	90
45) 1,2-Dichloropropane	7.427	63	670	0.405	ug/l #	76
46) Dibromomethane	7.592	93	497	0.387	ug/l #	84
47) Bromodichloromethane	7.824	83	910	0.399	ug/l #	96
48) Methyl methacrylate	7.702	41	657	0.340	ug/l #	84
49) 1,4-Dioxane	7.665	88	333	6.988	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	5177	1.853	ug/l	100
52) Toluene	8.720	92	1817	0.436	ug/l	81
53) t-1,3-Dichloropropene	8.988	75	724	0.296	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	841	0.327	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	721	0.405	ug/l #	85
56) Ethyl methacrylate	9.122	69	807	0.296	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	1278	0.444	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.250	63	2353	1.756	ug/l	95
59) 2-Hexanone	9.433	43	3931	1.750	ug/l	93
60) Dibromochloromethane	9.525	129	518	0.297	ug/l	84
61) 1,2-Dibromoethane	9.610	107	714	0.371	ug/l	97
64) Tetrachloroethene	9.275	164	612	0.422	ug/l #	88
65) Chlorobenzene	10.079	112	2082	0.444	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	606	0.382	ug/l #	65
67) Ethyl Benzene	10.195	91	3218	0.385	ug/l	90
68) m/p-Xylenes	10.305	106	2593	0.801	ug/l	94
69) o-Xylene	10.640	106	1128	0.357	ug/l	83
70) Styrene	10.659	104	1865	0.363	ug/l	97
71) Bromoform	10.799	173	385	0.295	ug/l #	84
73) Isopropylbenzene	10.963	105	3039	0.397	ug/l	97
74) N-amyl acetate	10.841	43	808	0.247	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	11.213	83	1216	0.433	ug/l #	94
76) 1,2,3-Trichloropropane	11.079	75	56885	21.910	ug/l #	39
77) Bromobenzene	11.195	156	906	0.485	ug/l	87
78) n-propylbenzene	11.305	91	3899	0.416	ug/l	96
79) 2-Chlorotoluene	11.366	91	2564	0.462	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	2504	0.379	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	56885	69.951	ug/l #	5
82) 4-Chlorotoluene	11.457	91	2878	0.438	ug/l	99
83) tert-Butylbenzene	11.719	119	2487	0.385	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	2340	0.355	ug/l	88
85) sec-Butylbenzene	11.890	105	3156	0.377	ug/l	99
86) p-Isopropyltoluene	12.012	119	2526	0.366	ug/l #	75
87) 1,3-Dichlorobenzene	11.975	146	1806	0.481	ug/l	87
88) 1,4-Dichlorobenzene	11.975	146	1806	0.471	ug/l	88
89) n-Butylbenzene	12.335	91	2481	0.361	ug/l	97
90) Hexachloroethane	12.536	117	431	0.377	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1549	0.429	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.951	75	122	0.180	ug/l #	30
93) 1,2,4-Trichlorobenzene	13.597	180	1083	0.447	ug/l	96
94) Hexachlorobutadiene	13.725	225	482	0.495	ug/l	93
95) Naphthalene	13.780	128	2927	0.347	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	964	0.411	ug/l	97

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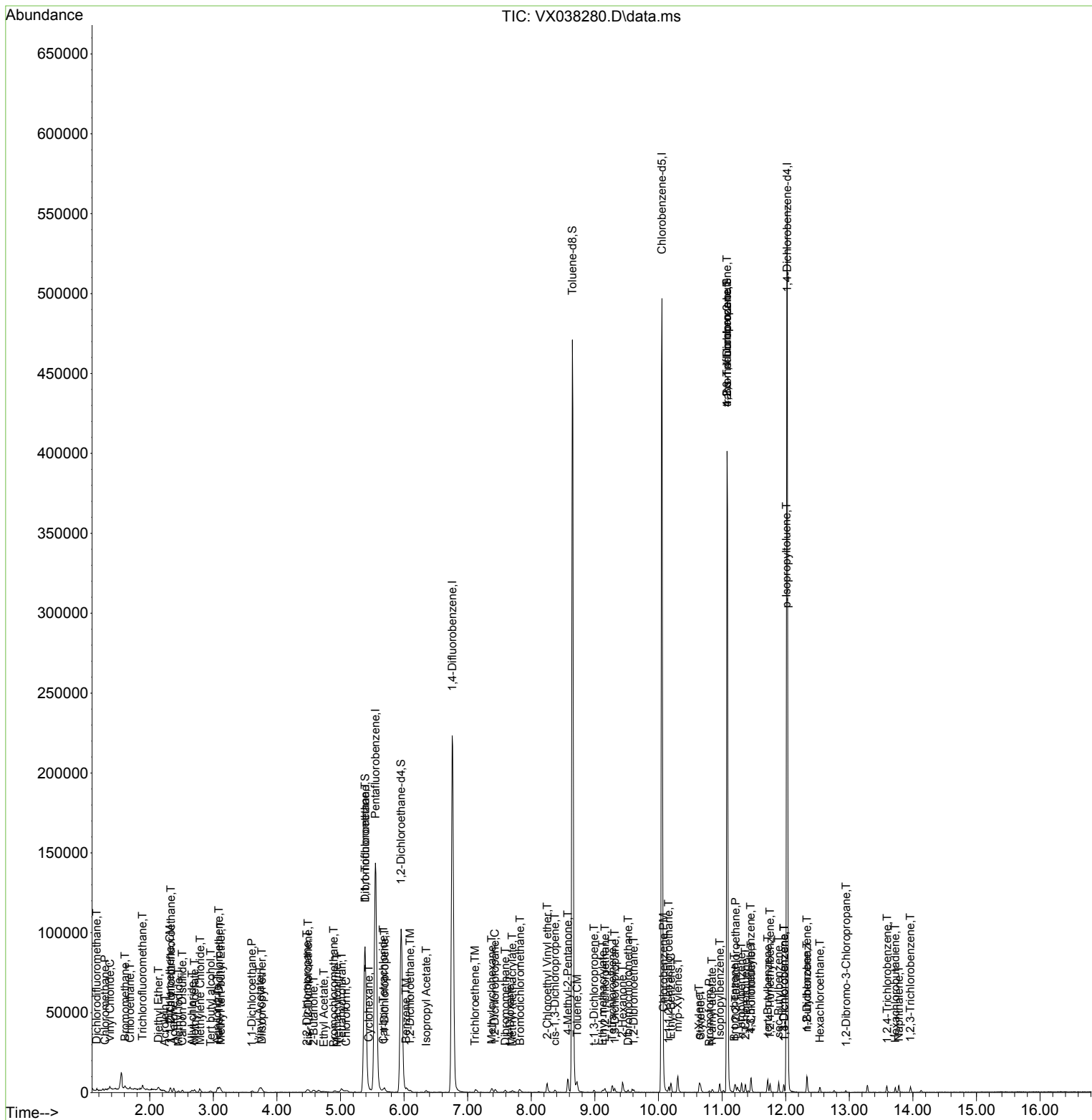
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

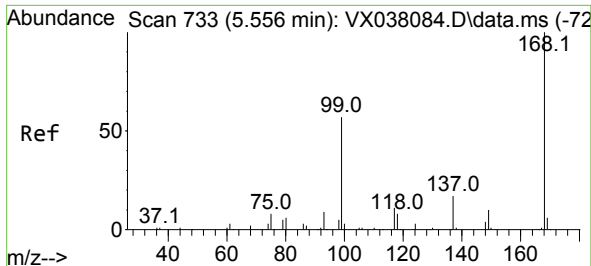
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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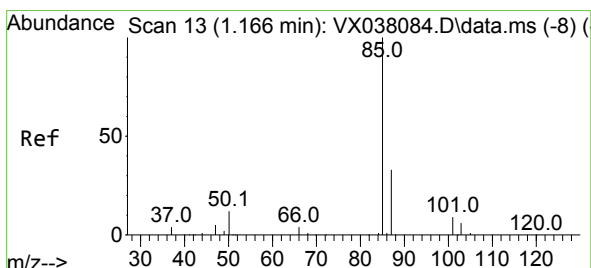
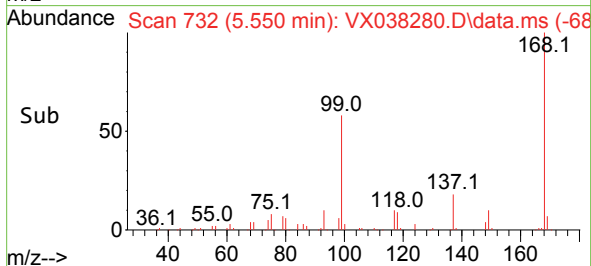
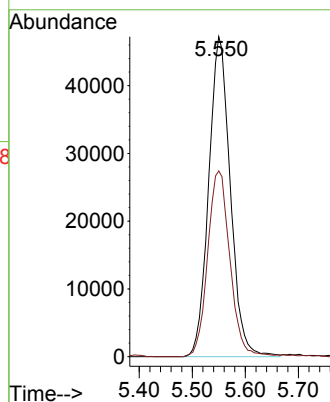
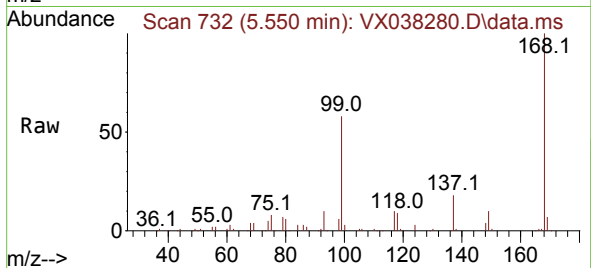




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038280.D
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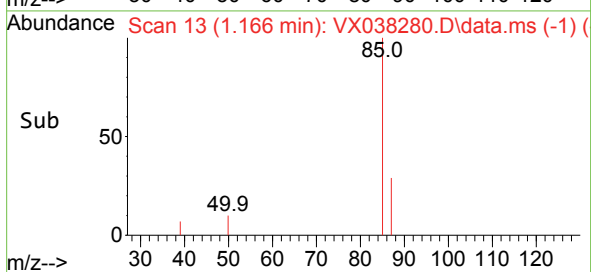
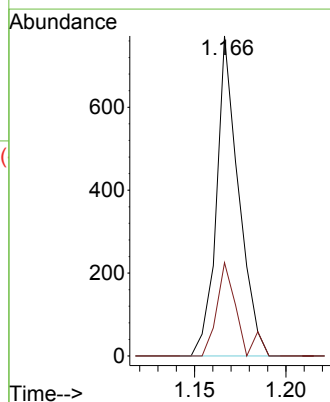
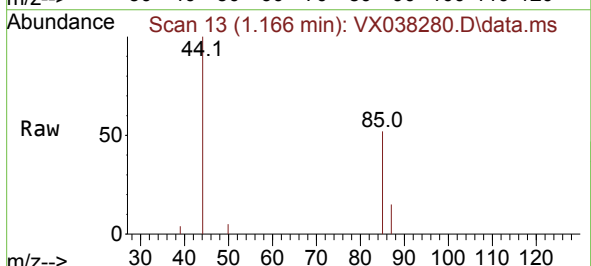
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

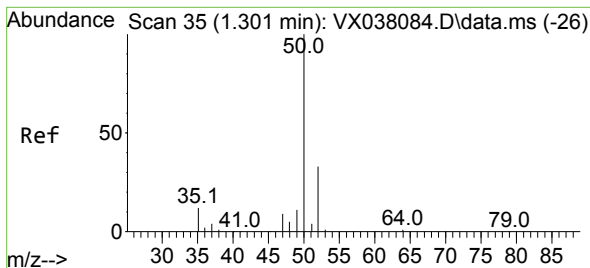
Tgt Ion:168 Resp: 133686
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.506 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 85 Resp: 653
Ion Ratio Lower Upper
85 100
87 29.1 16.7 50.1





#3

Chloromethane

Concen: 0.540 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

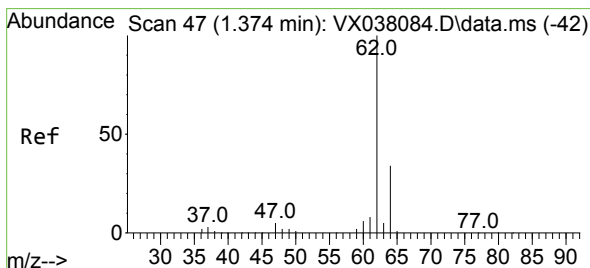
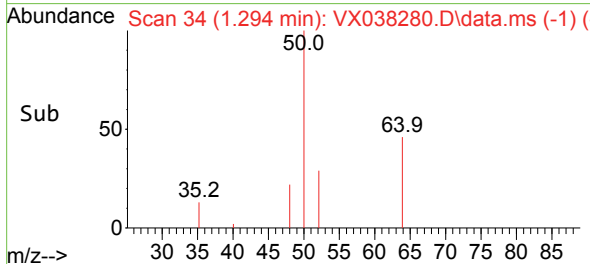
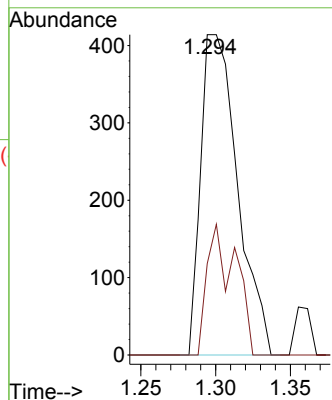
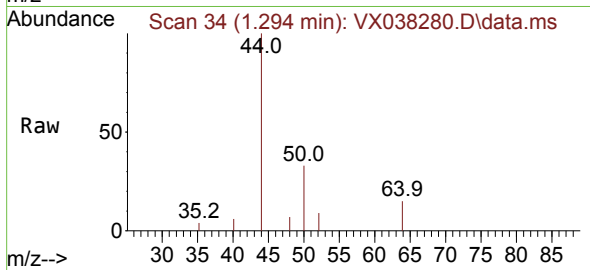
MDL-WATER-03-QT4-2023

Tgt Ion: 50 Resp: 710

Ion Ratio Lower Upper

50 100

52 28.5 25.5 38.3



#4

Vinyl Chloride

Concen: 0.589 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038280.D

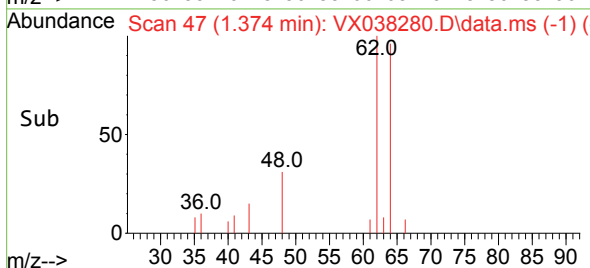
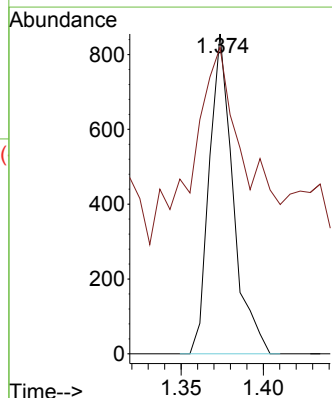
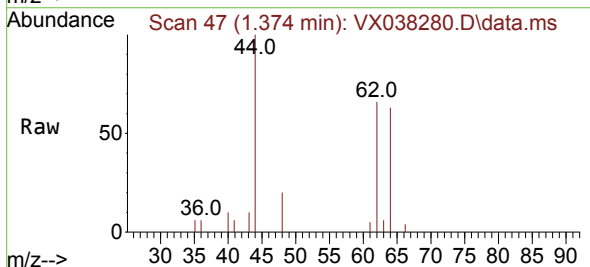
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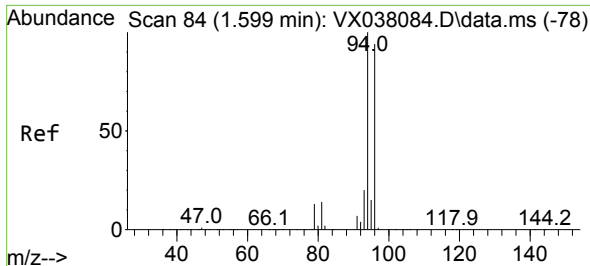
Tgt Ion: 62 Resp: 859

Ion Ratio Lower Upper

62 100

64 49.1 25.4 38.0#

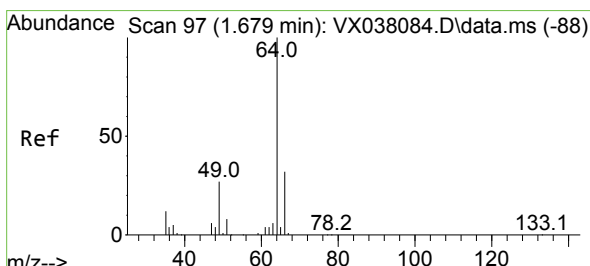
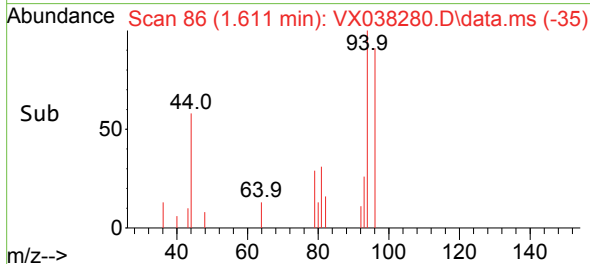
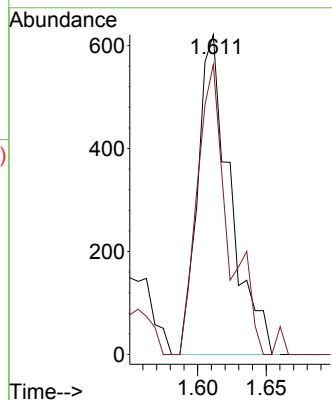
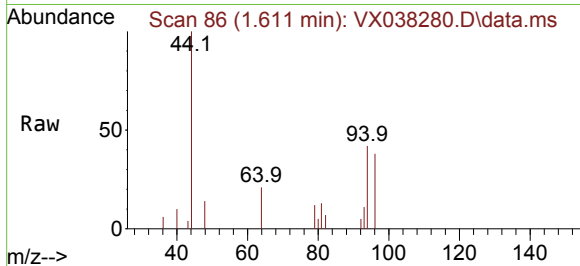




#5
Bromomethane
Concen: 0.516 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

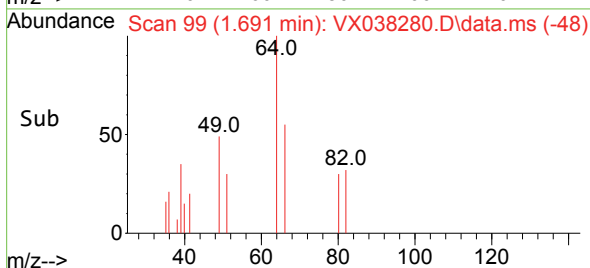
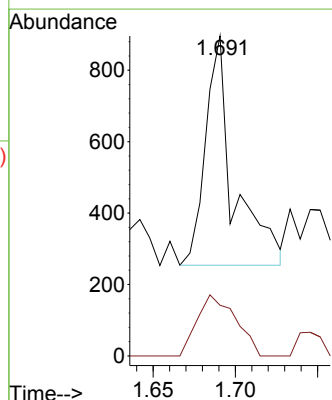
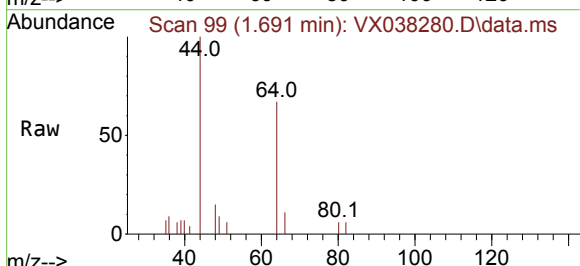
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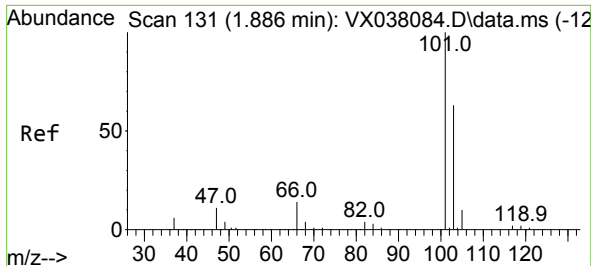
Tgt Ion: 94 Resp: 1027
Ion Ratio Lower Upper
94 100
96 90.7 74.6 111.8



#6
Chloroethane
Concen: 0.586 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 64 Resp: 758
Ion Ratio Lower Upper
64 100
66 22.1 25.1 37.7#

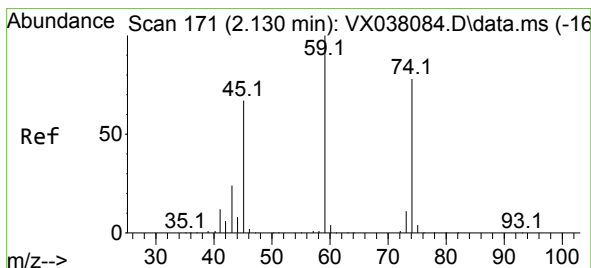
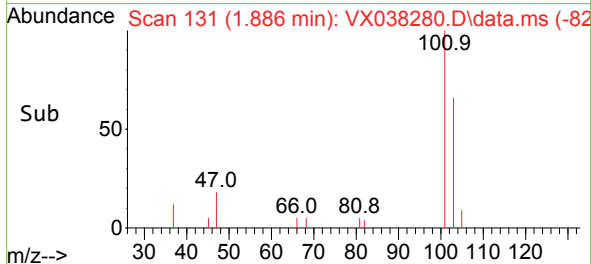
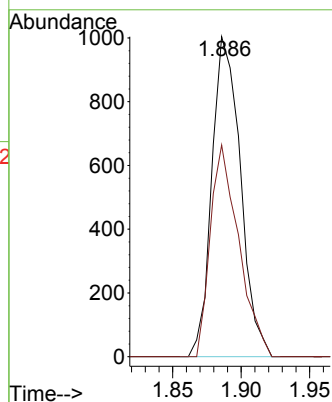
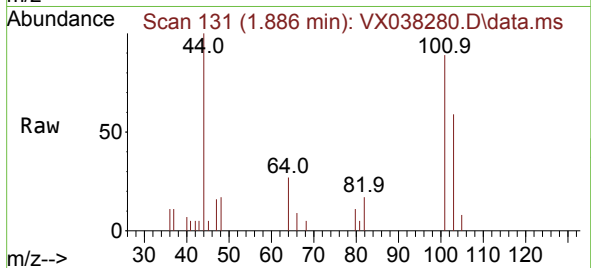




#7
Trichlorofluoromethane
Concen: 0.504 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

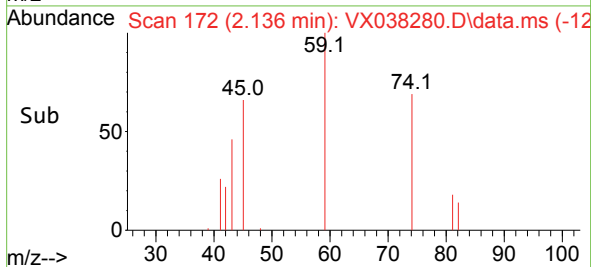
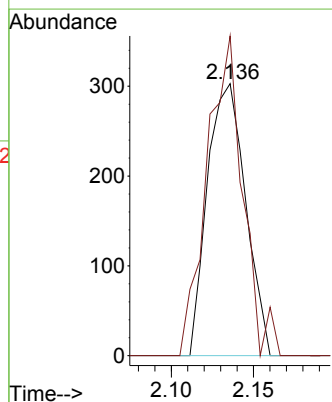
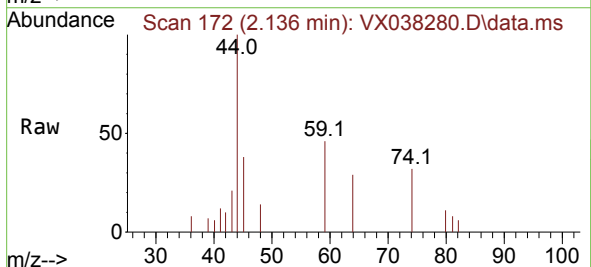
Instrument :
MSVOA_X
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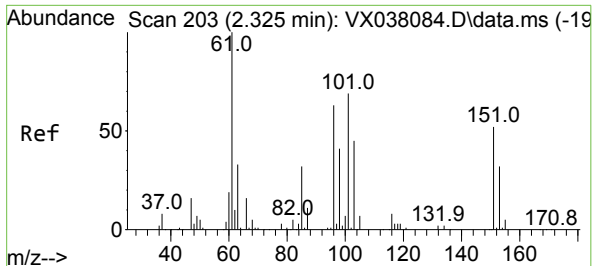
Tgt Ion:101 Resp: 1453
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2



#8
Diethyl Ether
Concen: 0.455 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 74 Resp: 489
Ion Ratio Lower Upper
74 100
45 110.0 53.3 159.8

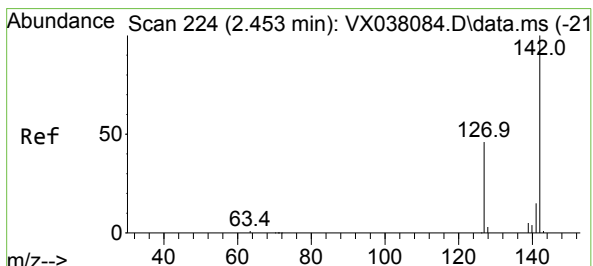
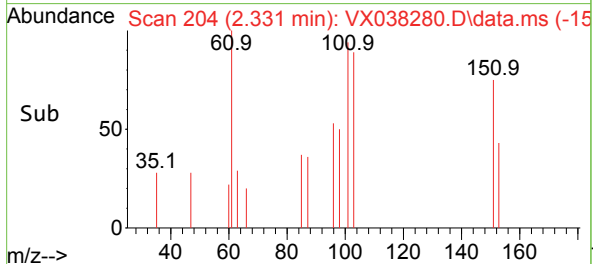
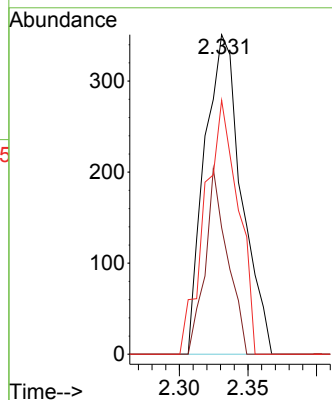
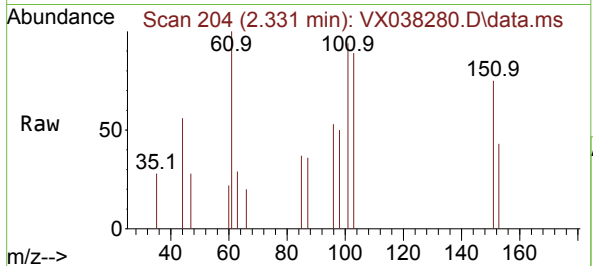




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.523 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

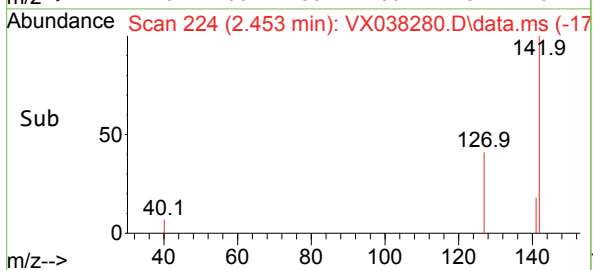
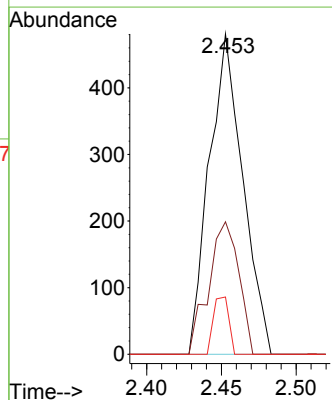
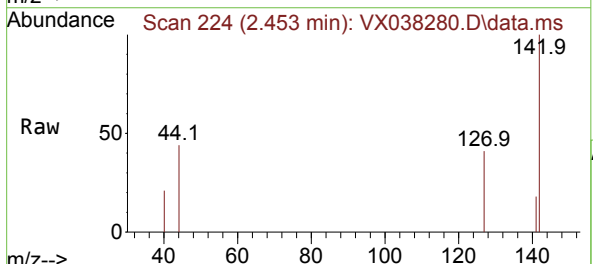
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:101 Resp: 657
Ion Ratio Lower Upper
101 100
85 35.2 37.0 55.6#
151 72.0 58.6 87.8



#10
Methyl Iodide
Concen: 0.415 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion:142 Resp: 751
Ion Ratio Lower Upper
142 100
127 37.2 41.6 62.4#
141 8.3 11.6 17.4#





#11

Tert butyl alcohol

Concen: 1.919 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

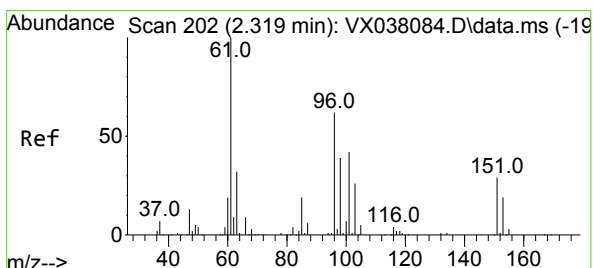
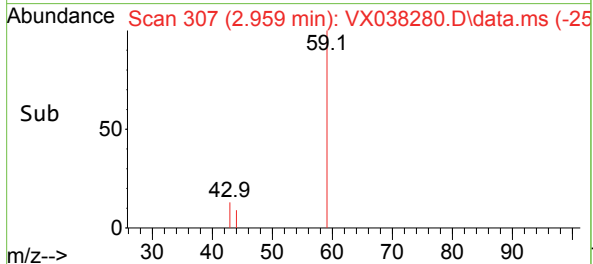
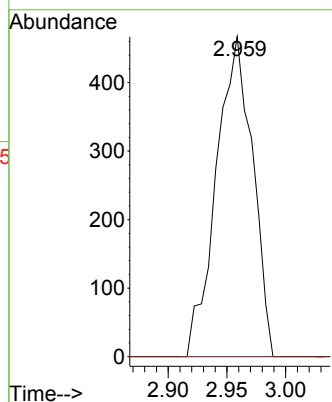
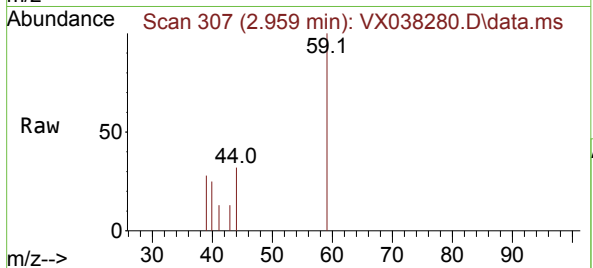
MDL-WATER-03-QT4-2023

Tgt Ion: 59 Resp: 1005

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.446 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

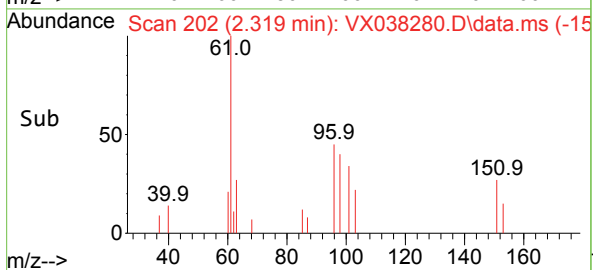
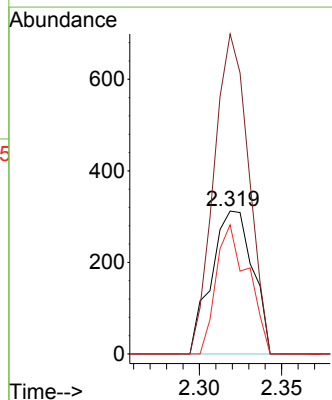
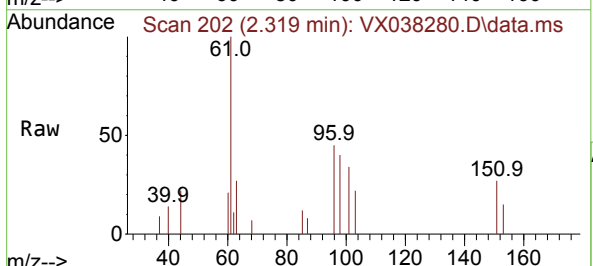
Tgt Ion: 96 Resp: 546

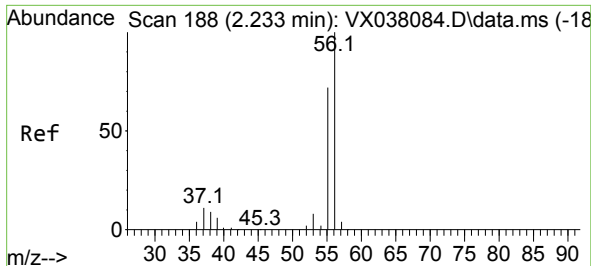
Ion Ratio Lower Upper

96 100

61 224.0 144.6 216.8#

98 90.4 50.4 75.6#

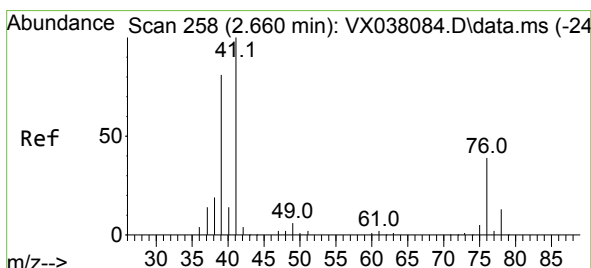
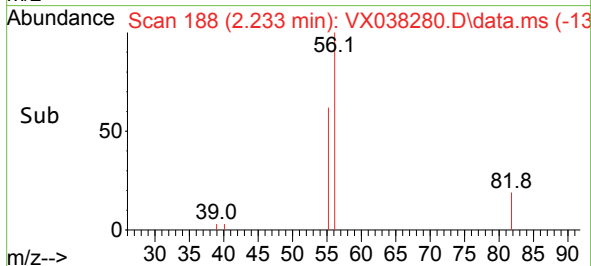
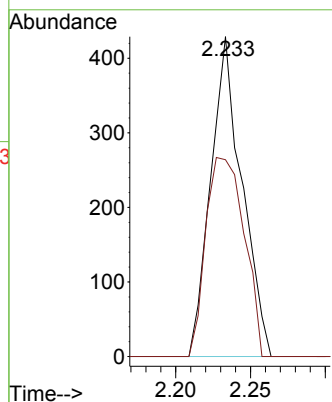
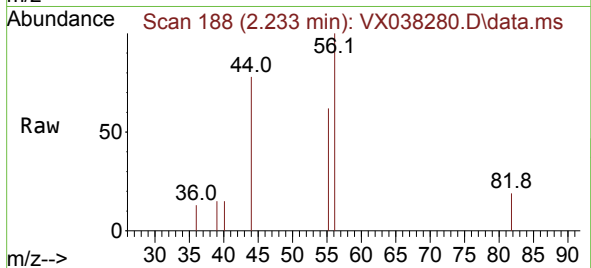




#13
Acrolein
Concen: 2.038 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

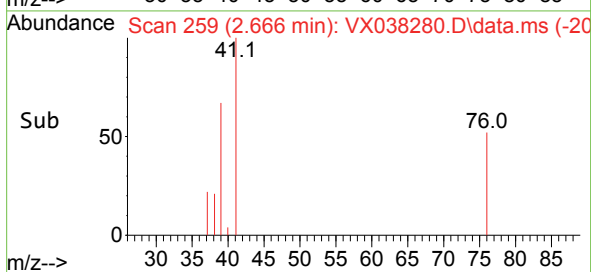
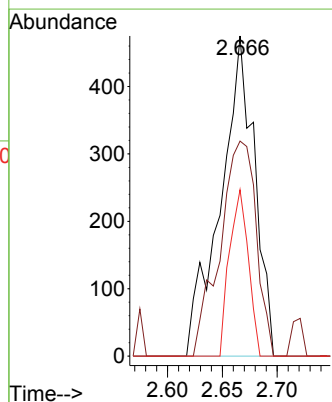
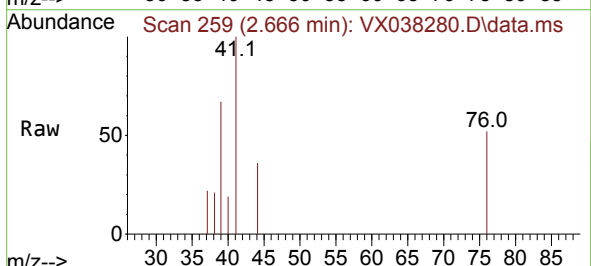
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

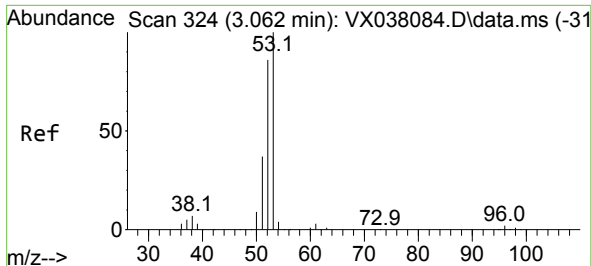
Tgt Ion: 56 Resp: 623
Ion Ratio Lower Upper
56 100
55 76.4 57.1 85.7



#14
Allyl chloride
Concen: 0.469 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 41 Resp: 1027
Ion Ratio Lower Upper
41 100
39 71.5 55.8 83.6
76 28.8 24.3 36.5

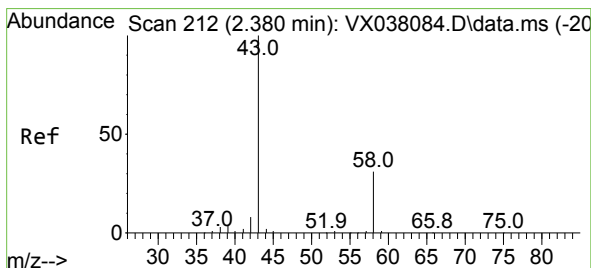
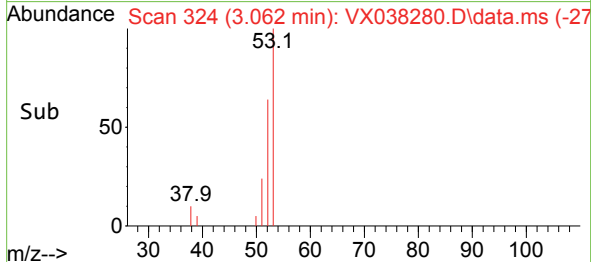
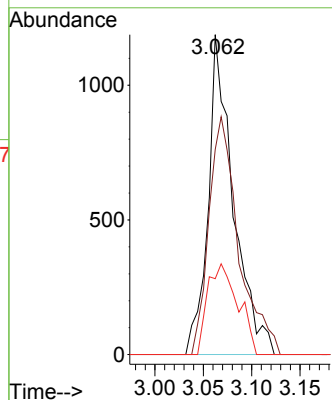
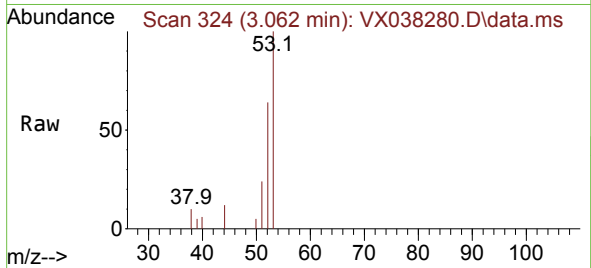




#15
Acrylonitrile
Concen: 2.200 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

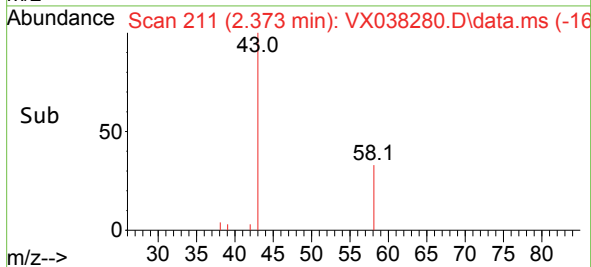
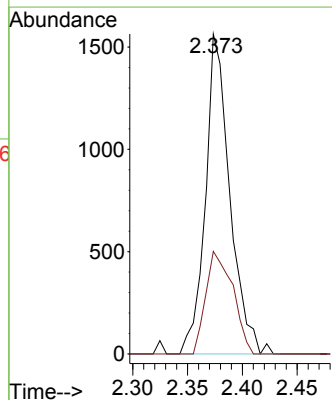
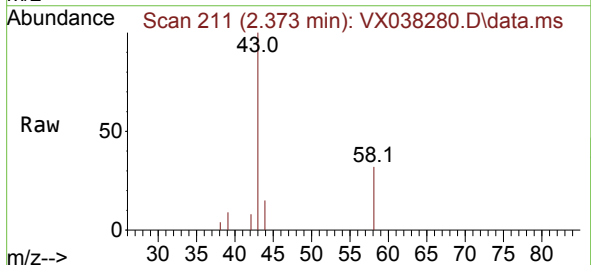
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

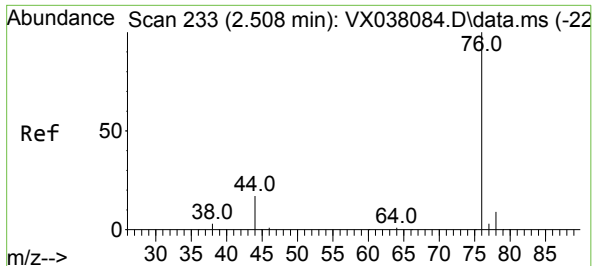
Tgt Ion: 53	Resp: 2153
Ion Ratio	Lower Upper
53 100	
52 88.0	66.0 99.0
51 34.1	29.8 44.6



#16
Acetone
Concen: 2.700 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 43	Resp: 2423
Ion Ratio	Lower Upper
43 100	
58 32.0	21.9 32.9

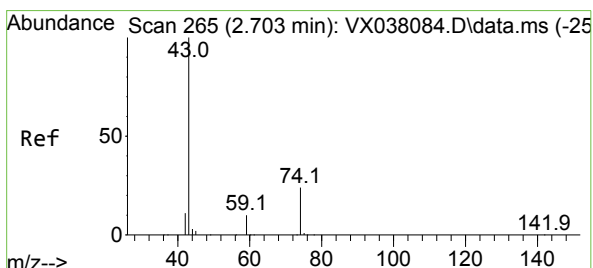
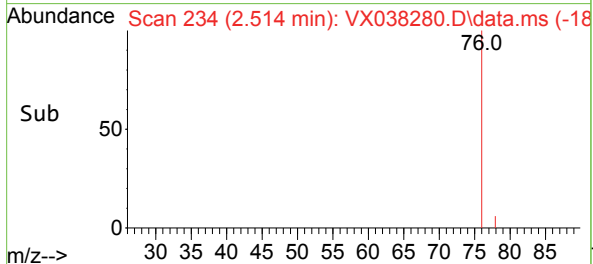
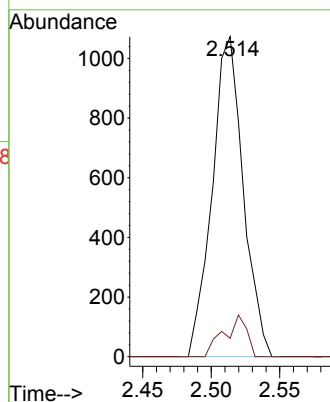
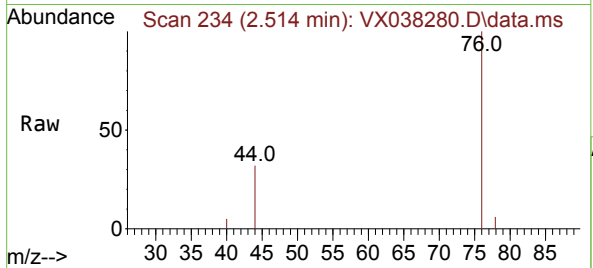




#17
Carbon Disulfide
Concen: 0.481 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

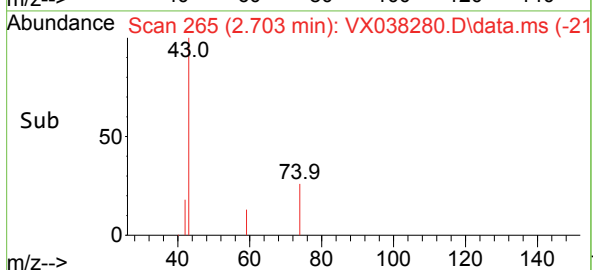
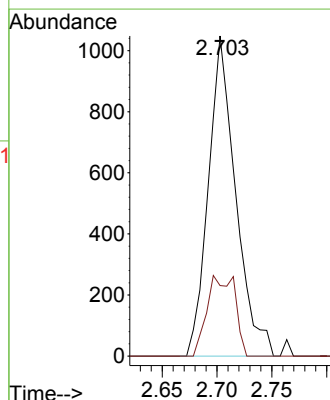
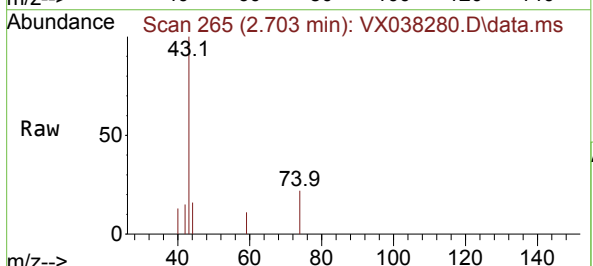
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

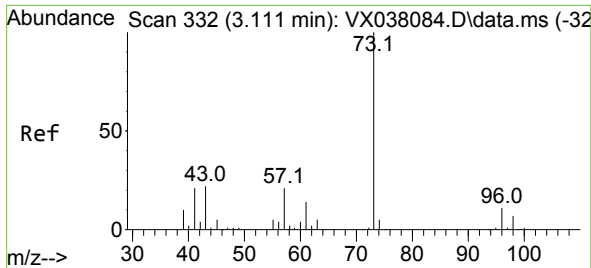
Tgt Ion: 76 Resp: 1694
Ion Ratio Lower Upper
76 100
78 5.8 7.0 10.6#



#18
Methyl Acetate
Concen: 0.471 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 43 Resp: 1814
Ion Ratio Lower Upper
43 100
74 25.7 17.8 26.8

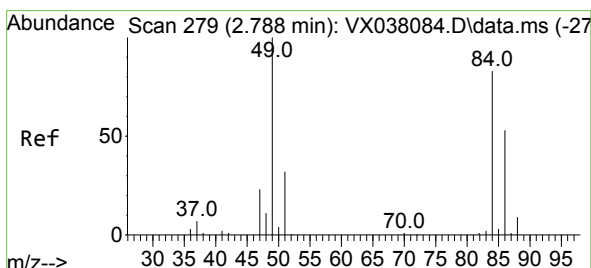
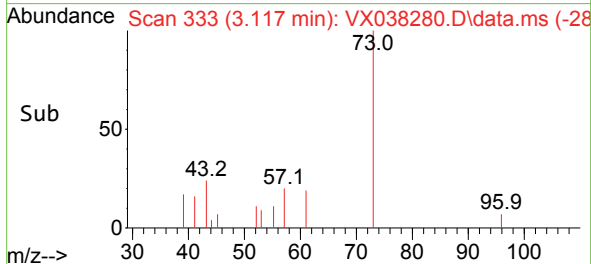
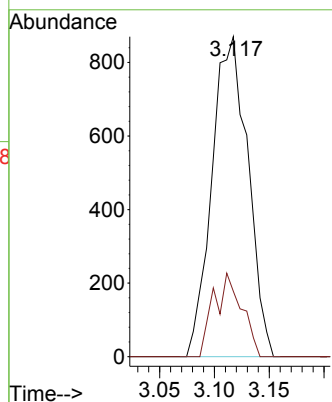
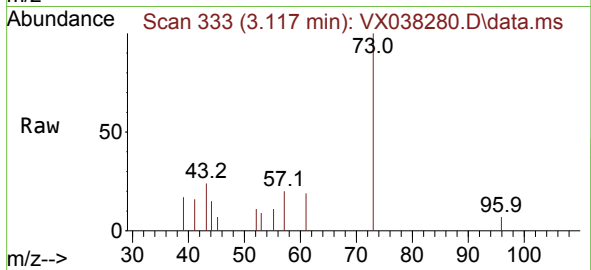




#19
Methyl tert-butyl Ether
Concen: 0.407 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

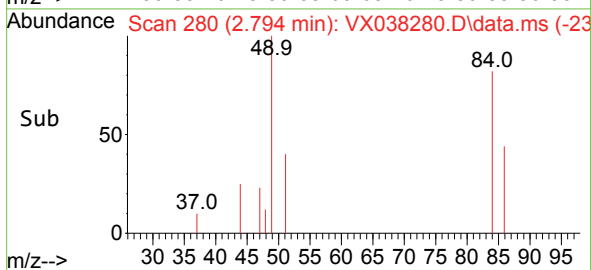
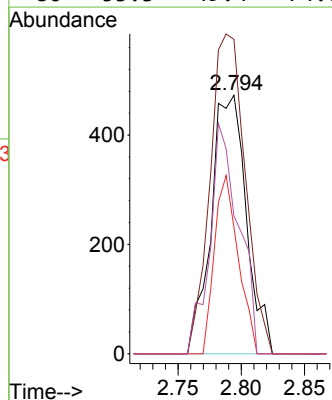
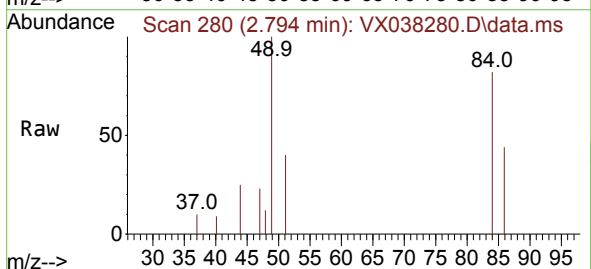
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

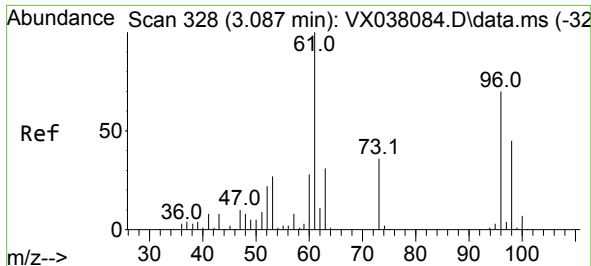
Tgt Ion: 73 Resp: 1984
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 0.544 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 84 Resp: 918
Ion Ratio Lower Upper
84 100
49 121.6 103.6 155.4
51 48.8 33.8 50.6
86 53.3 49.4 74.0

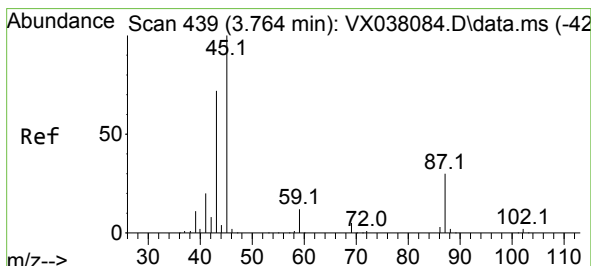
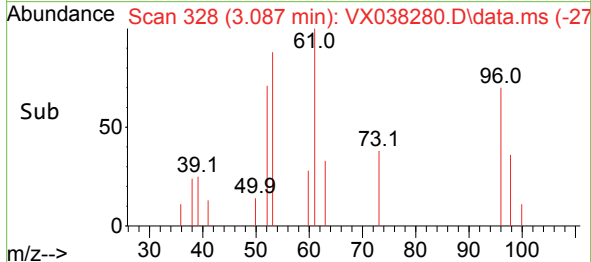
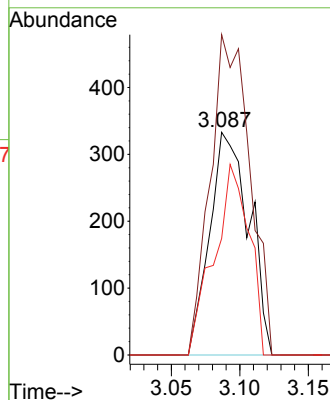
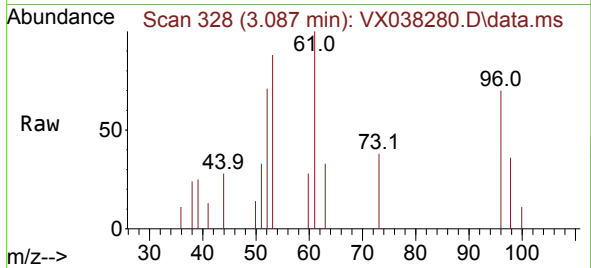




#21
trans-1,2-Dichloroethene
Concen: 0.440 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

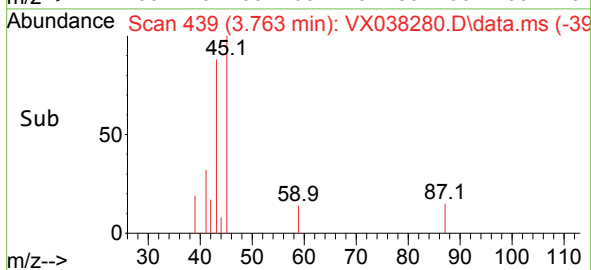
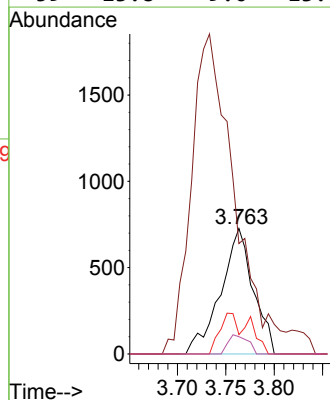
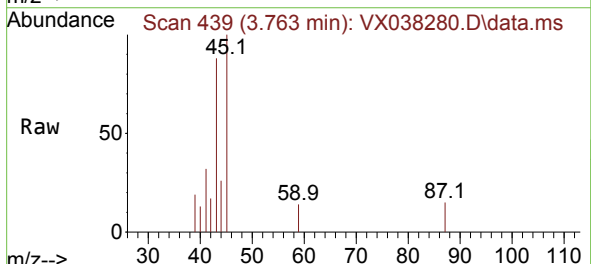
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

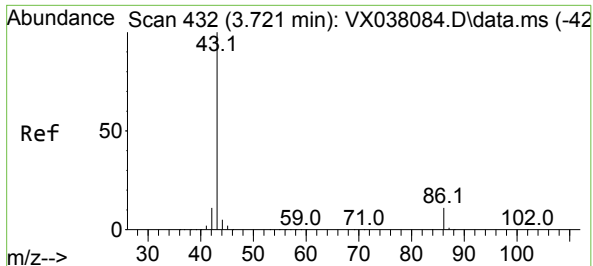
Tgt Ion: 96 Resp: 666
Ion Ratio Lower Upper
96 100
61 143.8 119.2 178.8
98 52.3 48.7 73.1



#22
Diisopropyl ether
Concen: 0.372 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 45 Resp: 1707
Ion Ratio Lower Upper
45 100
43 69.5 69.7 104.5#
87 15.4 20.8 31.2#
59 13.8 9.0 13.4#

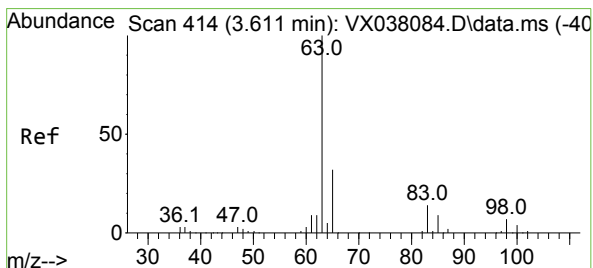
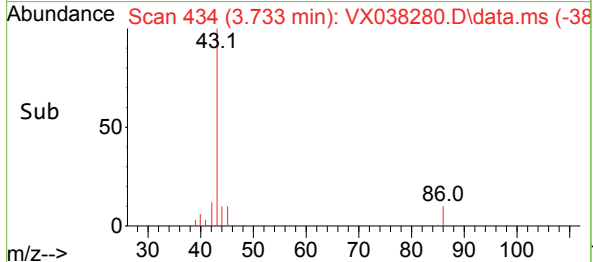
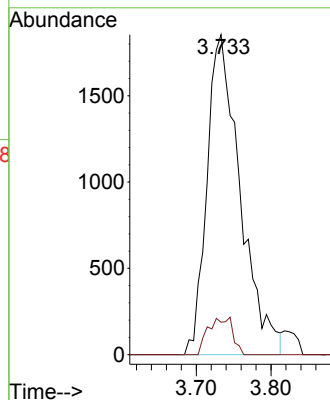
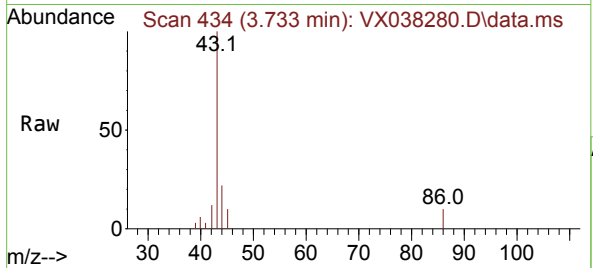




#23
 Vinyl Acetate
 Concen: 1.704 ug/l
 RT: 3.733 min Scan# 413
 Delta R.T. 0.012 min
 Lab File: VX038280.D
 Acq: 13 Oct 2023 13:01

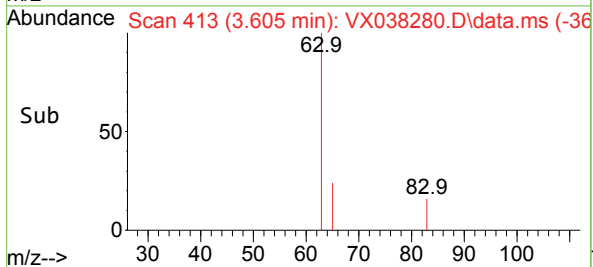
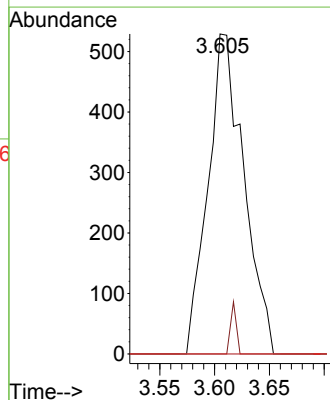
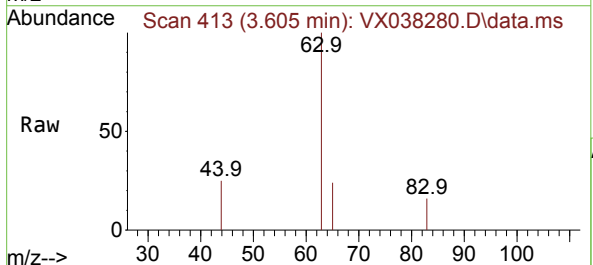
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

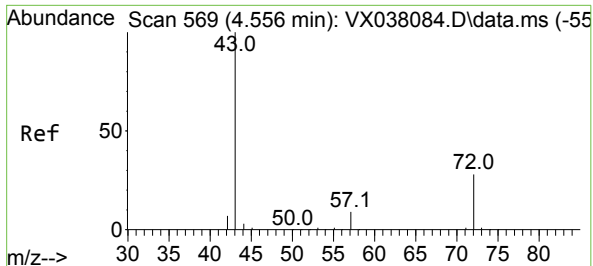
Tgt Ion: 43 Resp: 5729
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 0.433 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038280.D
 Acq: 13 Oct 2023 13:01

Tgt Ion: 63 Resp: 1204
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 2.026 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

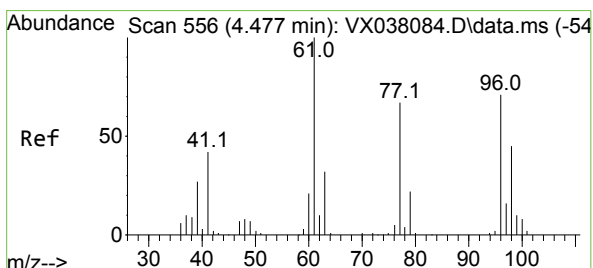
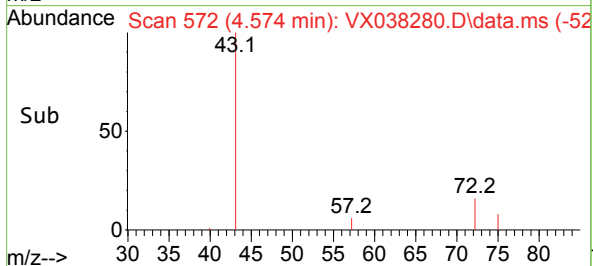
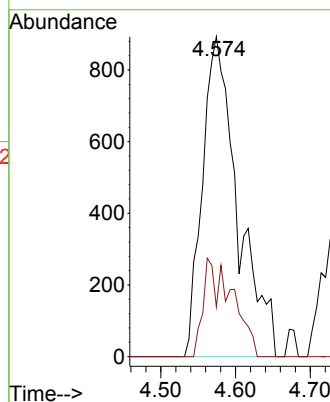
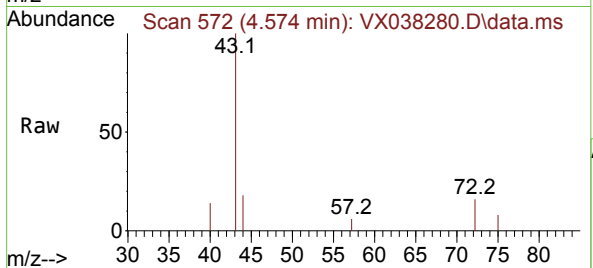
MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 2933

Ion Ratio Lower Upper

43 100

72 15.6 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.382 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX038280.D

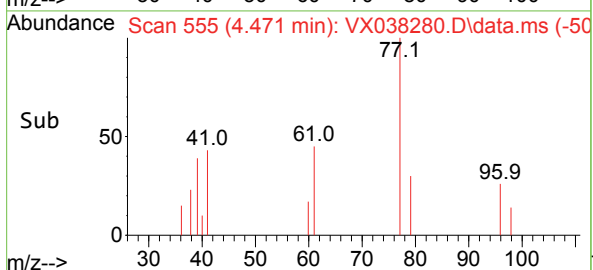
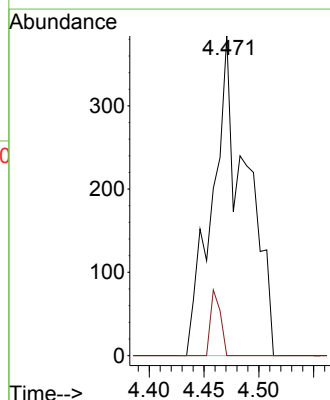
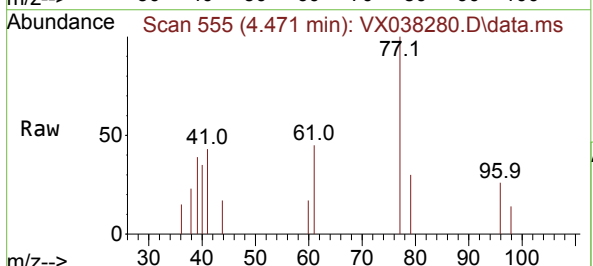
Acq: 13 Oct 2023 13:01

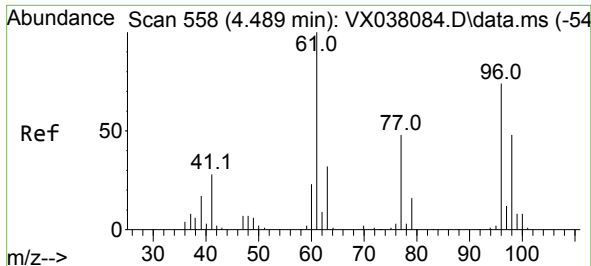
Tgt Ion: 77 Resp: 829

Ion Ratio Lower Upper

77 100

97 5.9 10.8 32.3#

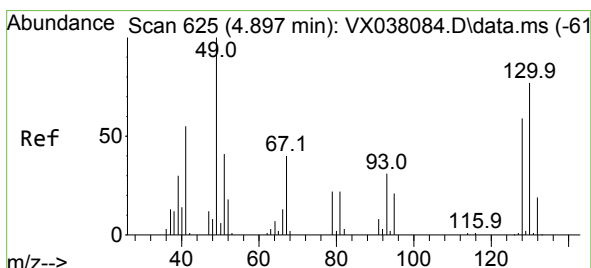
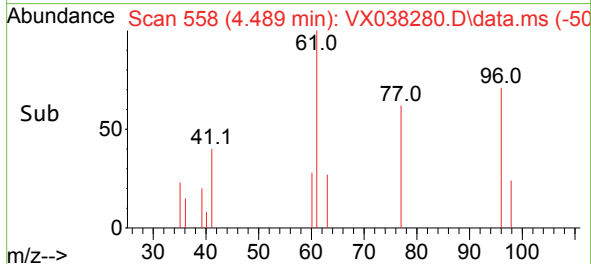
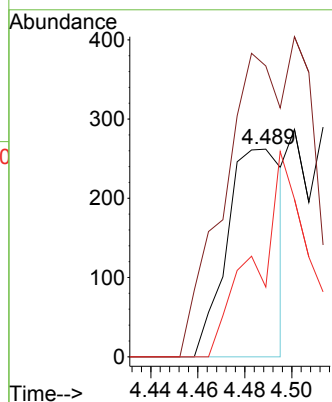
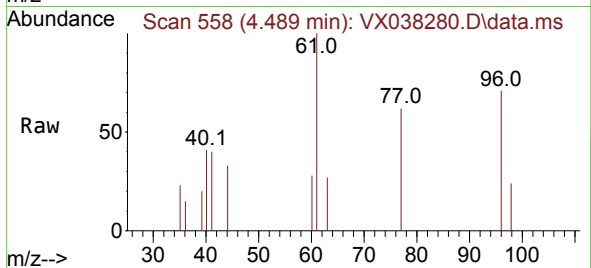




#27
 cis-1,2-Dichloroethene
 Concen: 0.236 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX038280.D
 Acq: 13 Oct 2023 13:01

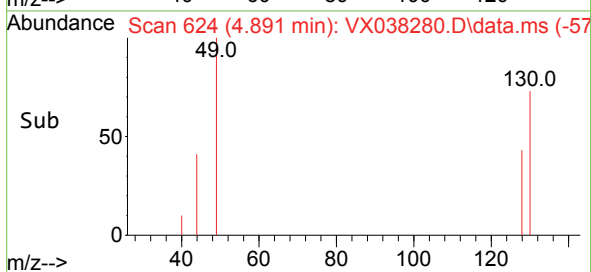
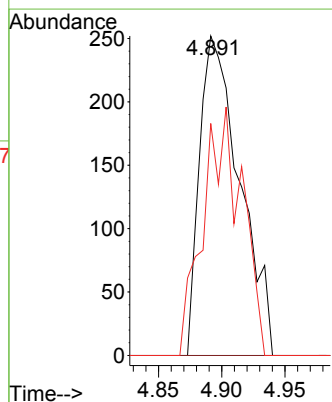
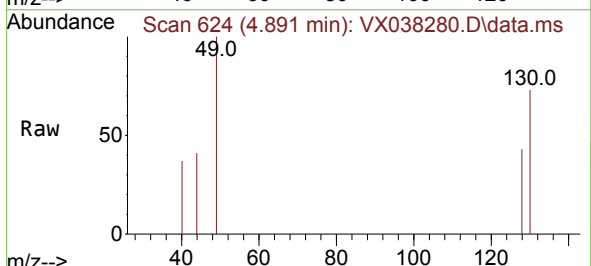
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

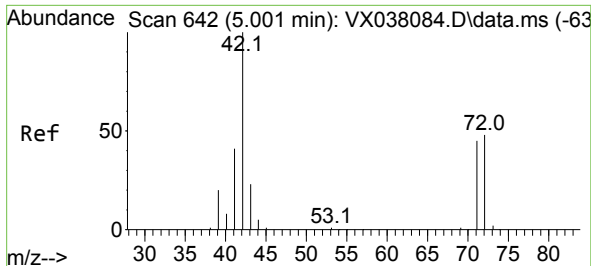
Tgt Ion: 96	Resp:	426
Ion	Ratio	Lower Upper
96	100	
61	253.8	0.0 312.2
98	105.4	0.0 129.0



#28
 Bromochloromethane
 Concen: 0.444 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX038280.D
 Acq: 13 Oct 2023 13:01

Tgt Ion: 49	Resp:	558
Ion	Ratio	Lower Upper
49	100	
129	0.0	0.0 3.8
130	74.9	57.5 86.3





#29

Tetrahydrofuran

Concen: 1.980 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

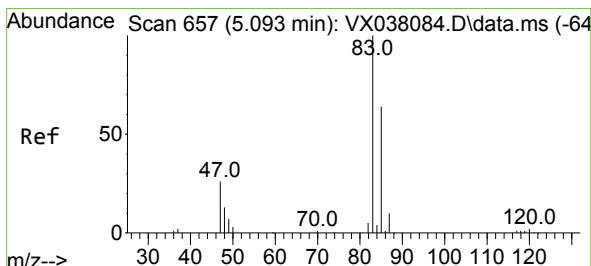
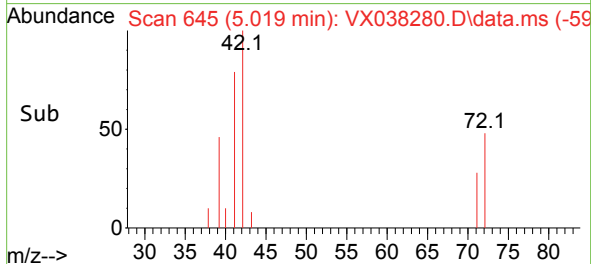
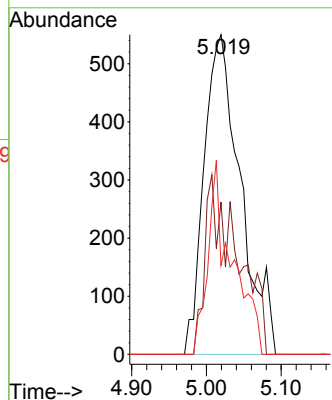
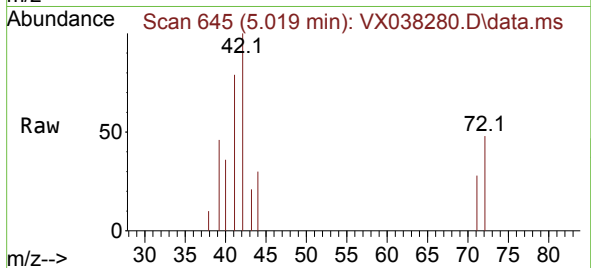
Tgt Ion: 42 Resp: 1867

Ion Ratio Lower Upper

42 100

72 26.0 34.2 51.4#

71 39.8 32.2 48.2



#30

Chloroform

Concen: 0.431 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.007 min

Lab File: VX038280.D

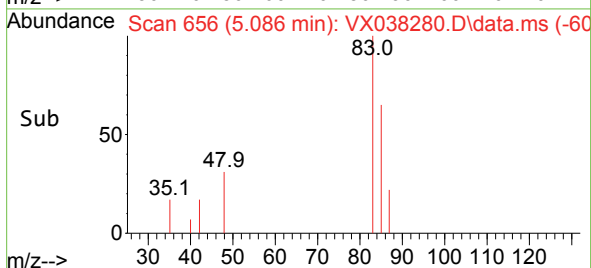
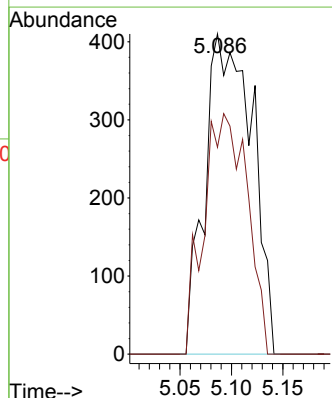
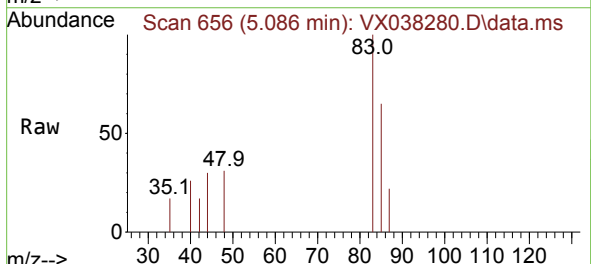
Acq: 13 Oct 2023 13:01

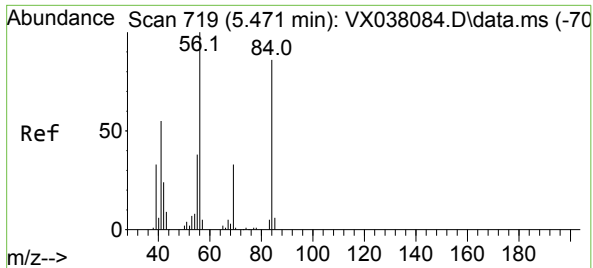
Tgt Ion: 83 Resp: 1311

Ion Ratio Lower Upper

83 100

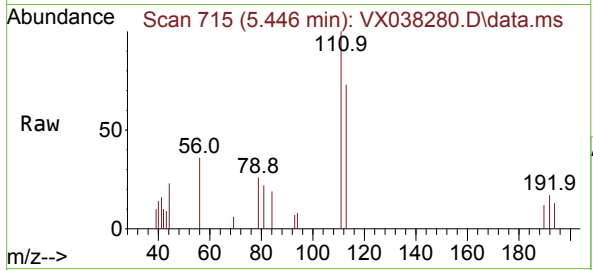
85 64.6 50.3 75.5



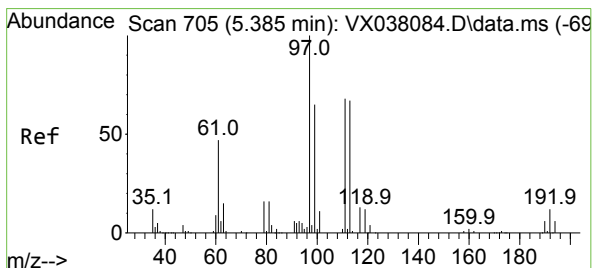
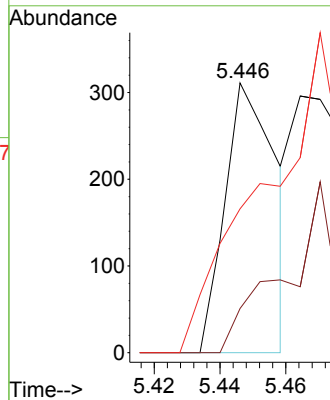
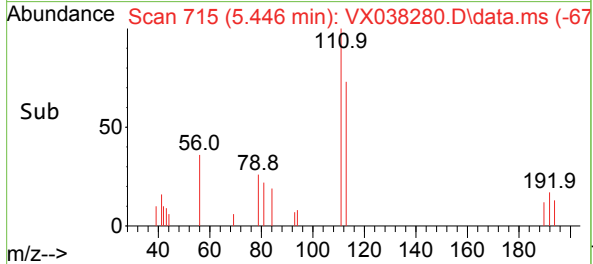


#31
Cyclohexane
Concen: 0.145 ug/l
RT: 5.446 min Scan# 715
Delta R.T. -0.025 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

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

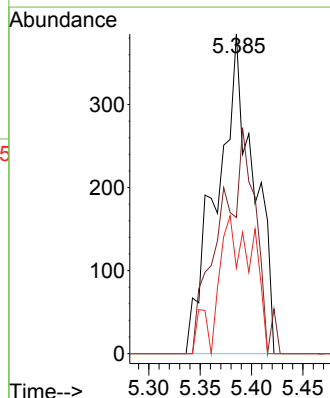
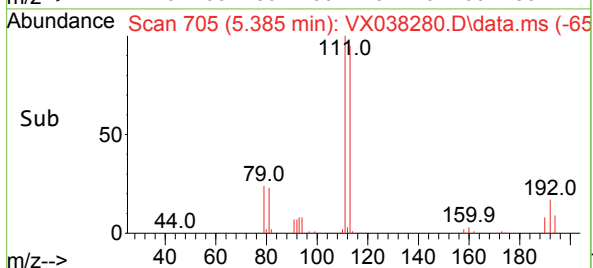
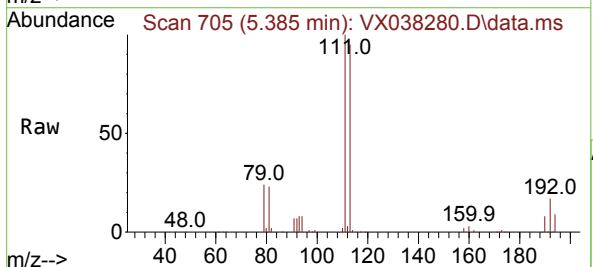


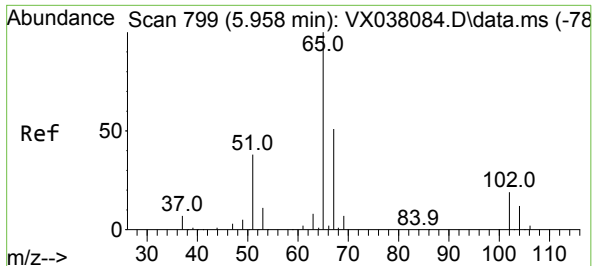
Tgt Ion: 56 Resp: 337
Ion Ratio Lower Upper
56 100
69 16.4 23.4 35.2#
84 53.4 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 0.368 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 97 Resp: 959
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 40.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.353 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

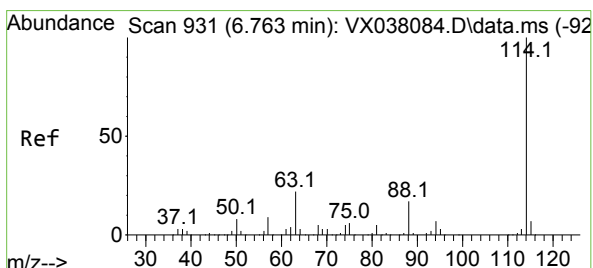
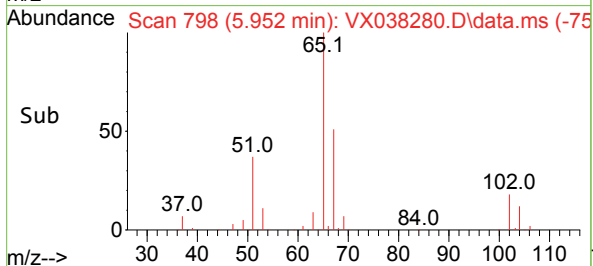
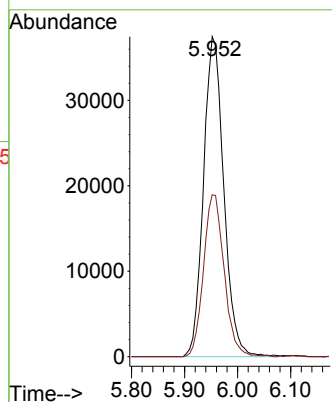
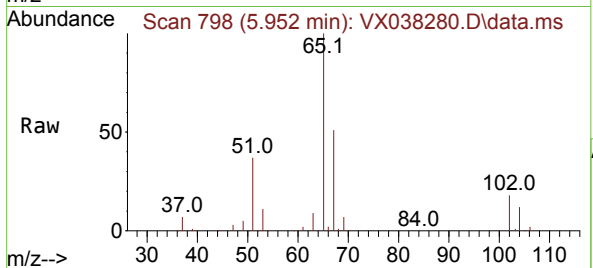
MDL-WATER-03-QT4-2023

Tgt Ion: 65 Resp: 99671

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

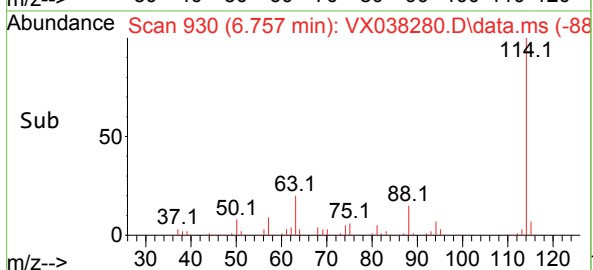
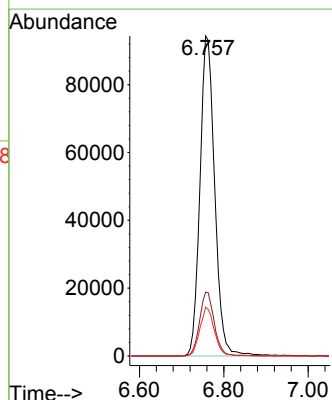
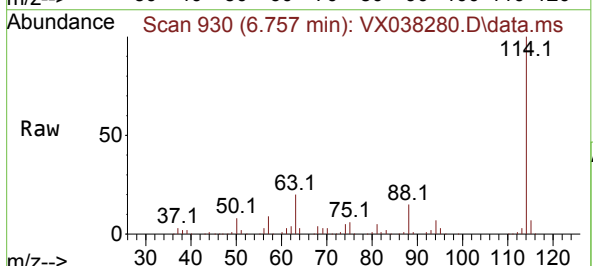
Tgt Ion: 114 Resp: 229939

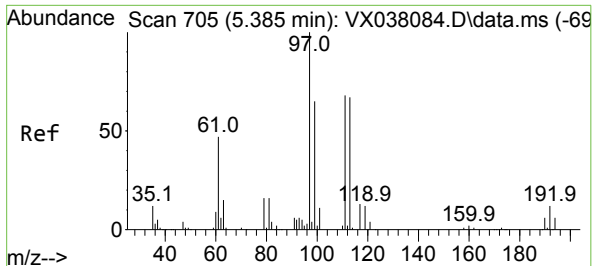
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.532 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038280.D

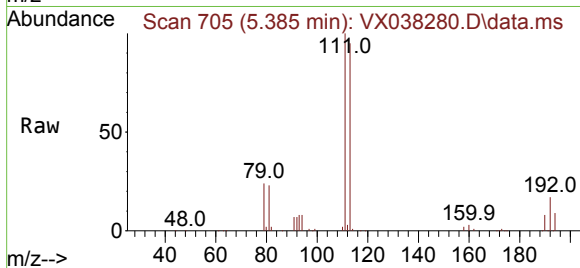
Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



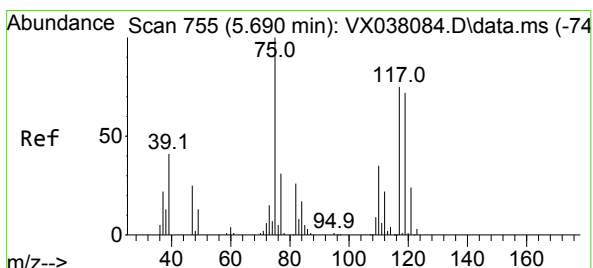
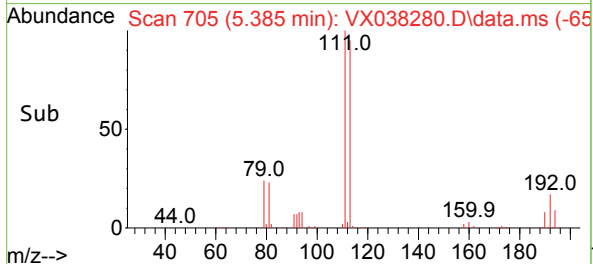
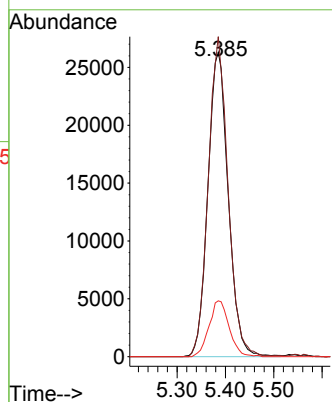
Tgt Ion:113 Resp: 77096

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 18.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 0.509 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

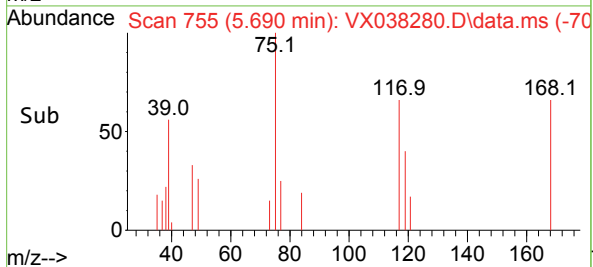
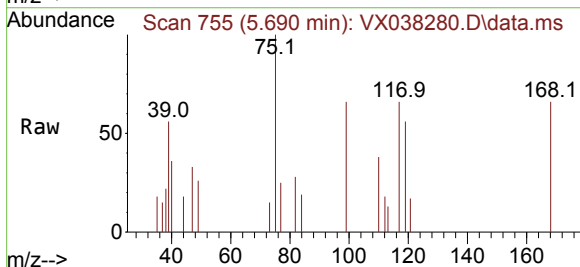
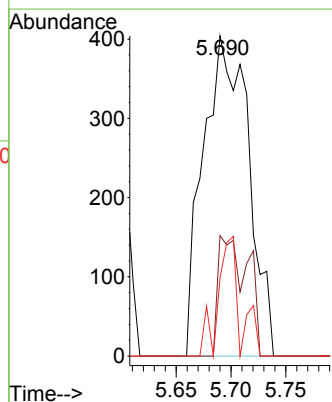
Tgt Ion: 75 Resp: 1163

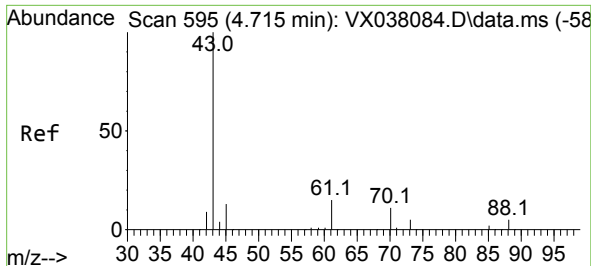
Ion Ratio Lower Upper

75 100

110 24.2 17.0 50.9

77 18.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.340 ug/l

RT: 4.739 min Scan# 599

Delta R.T. 0.024 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

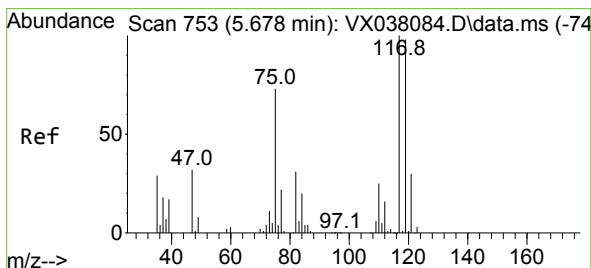
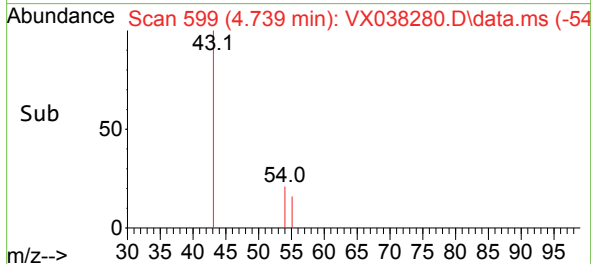
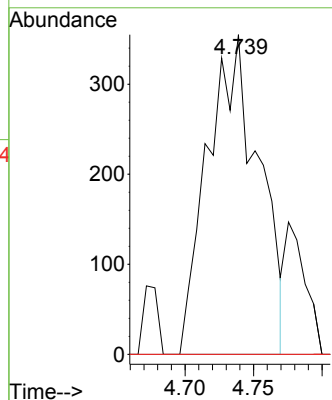
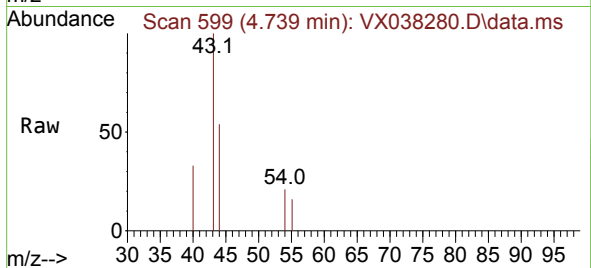
Tgt Ion: 43 Resp: 923

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 0.525 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

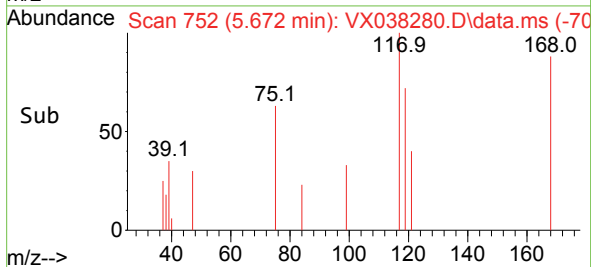
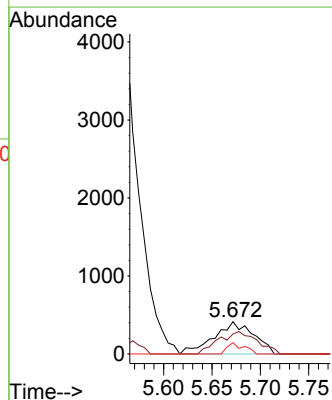
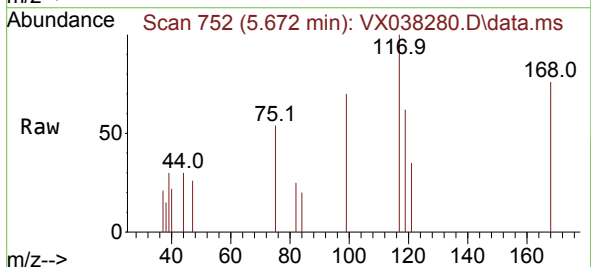
Tgt Ion: 117 Resp: 1180

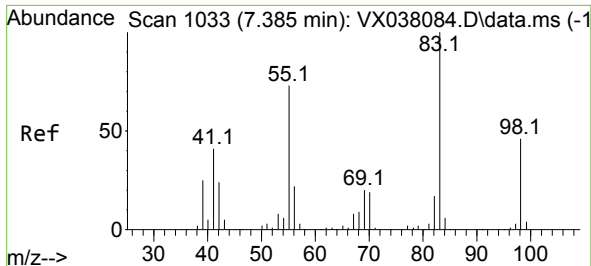
Ion Ratio Lower Upper

117 100

119 62.1 78.2 117.2#

121 34.5 24.4 36.6

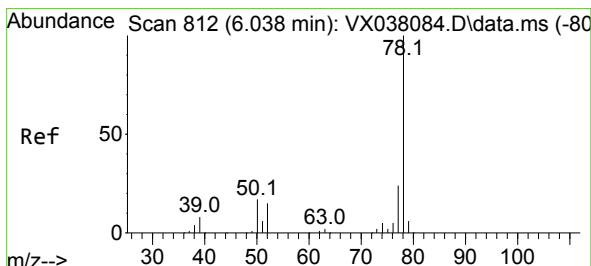
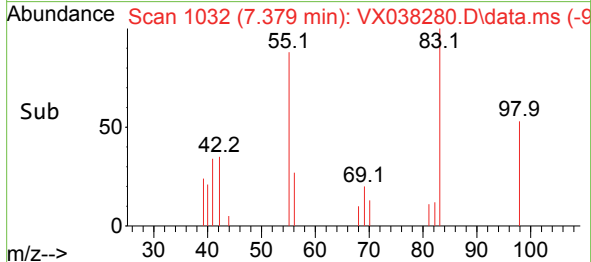
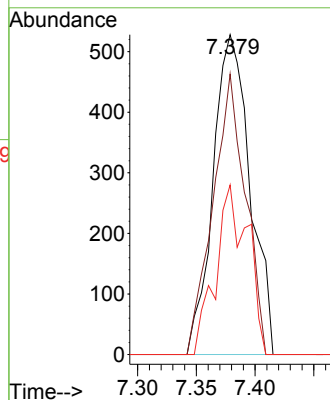
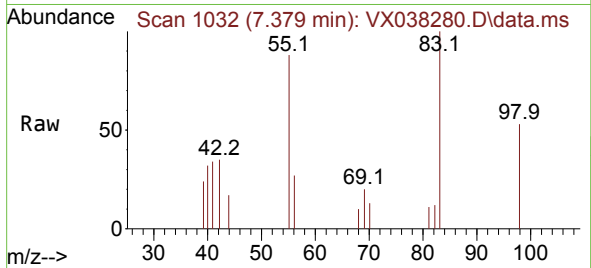




#39
Methylcyclohexane
Concen: 0.432 ug/l
RT: 7.379 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

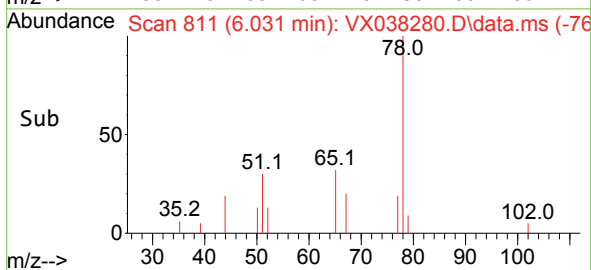
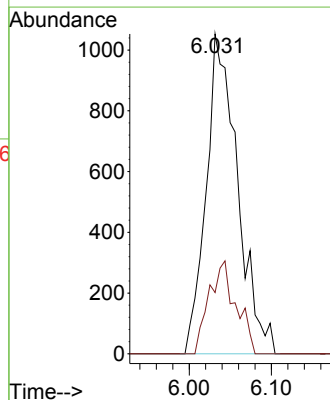
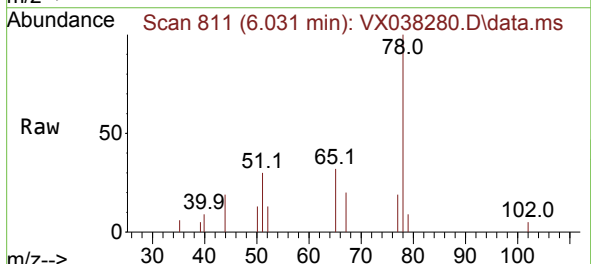
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

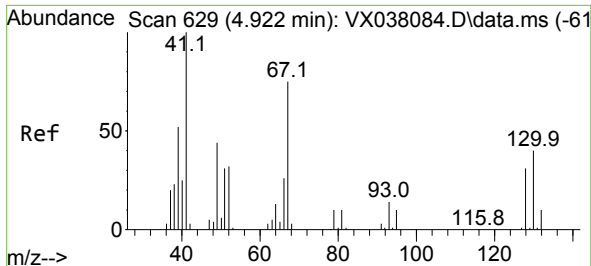
Tgt Ion: 83 Resp: 1156
Ion Ratio Lower Upper
83 100
55 87.7 64.6 97.0
98 53.0 36.7 55.1



#40
Benzene
Concen: 0.437 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 78 Resp: 2793
Ion Ratio Lower Upper
78 100
77 19.2 19.3 28.9#

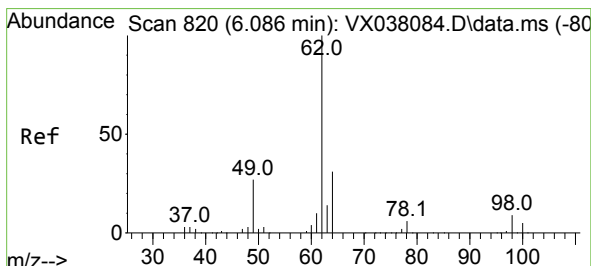
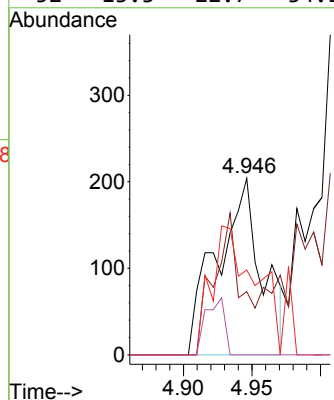
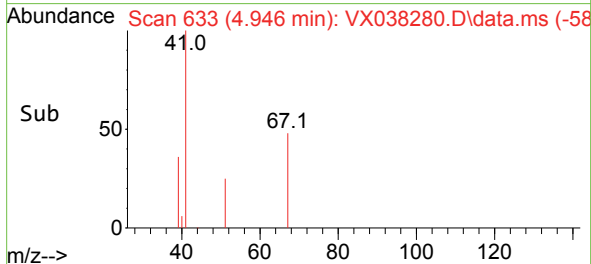
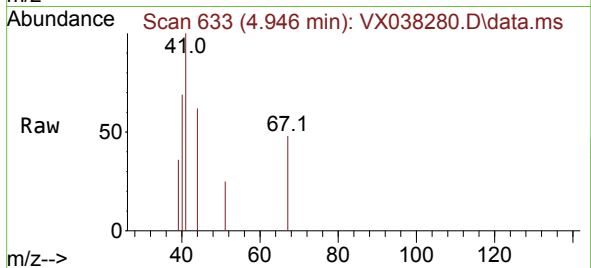




#41
Methacrylonitrile
Concen: 0.345 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

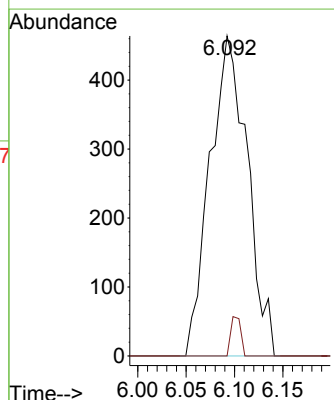
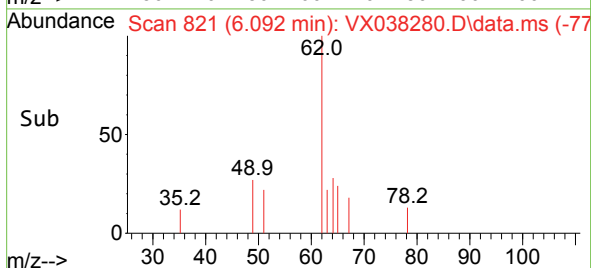
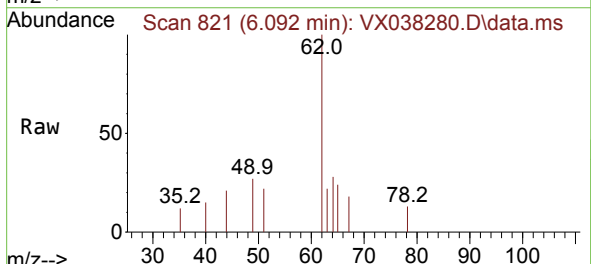
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

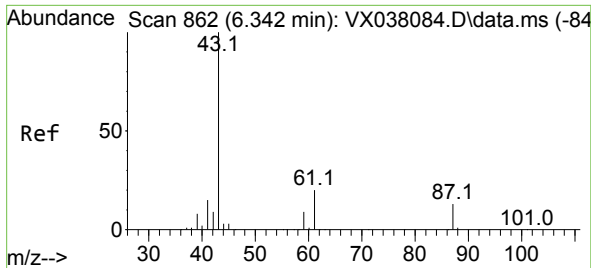
Tgt Ion: 41	Resp: 466
Ion Ratio	Lower Upper
41 100	
39 49.8	45.2 67.8
67 78.8	52.6 78.8
52 13.3	22.7 34.1#



#42
1,2-Dichloroethane
Concen: 0.490 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 62	Resp:	1250	
Ion	Ratio	Lower	Upper
62	100		
98	3.3	0.0	16.0





#43

Isopropyl Acetate

Concen: 0.372 ug/l

RT: 6.348 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

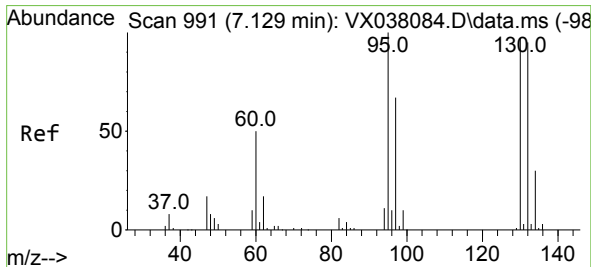
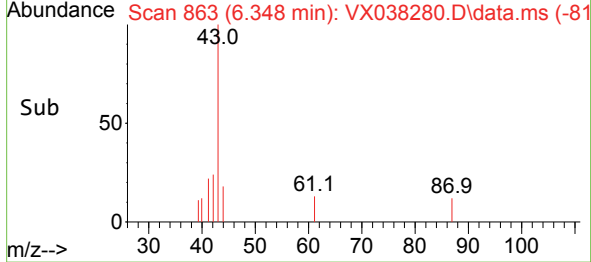
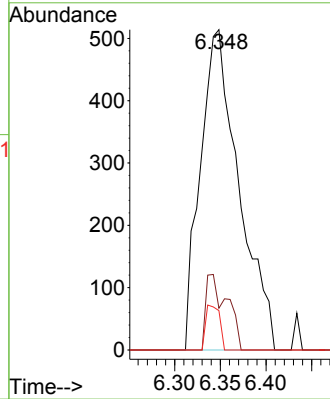
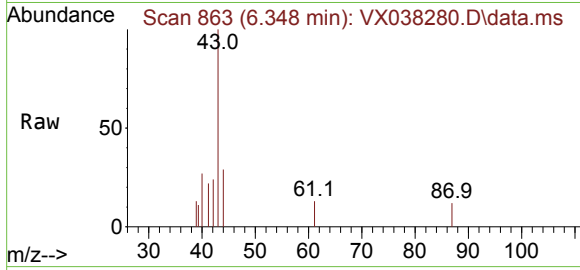
Tgt Ion: 43 Resp: 1508

Ion Ratio Lower Upper

43 100

61 12.8 15.2 22.8#

87 5.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.281 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.012 min

Lab File: VX038280.D

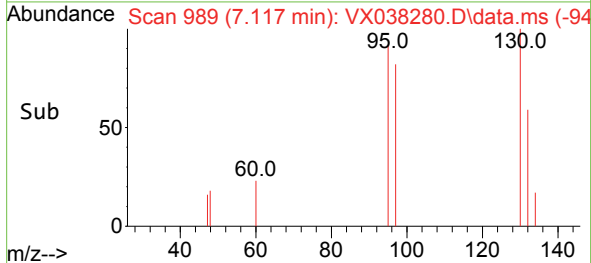
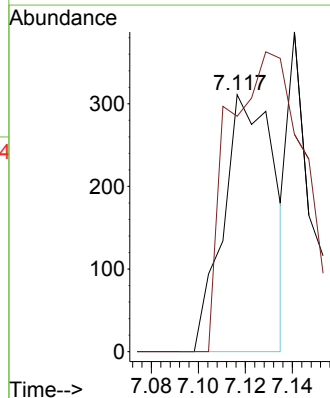
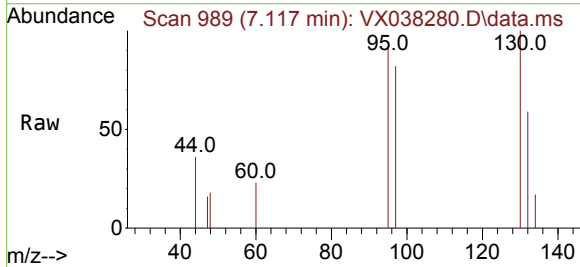
Acq: 13 Oct 2023 13:01

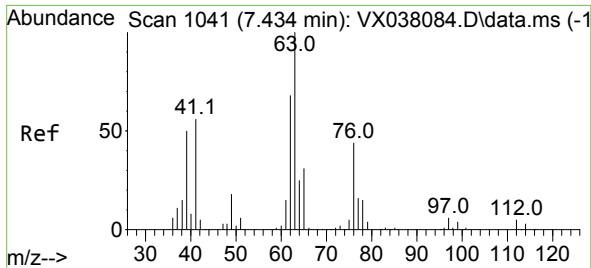
Tgt Ion:130 Resp: 470

Ion Ratio Lower Upper

130 100

95 91.6 0.0 204.4

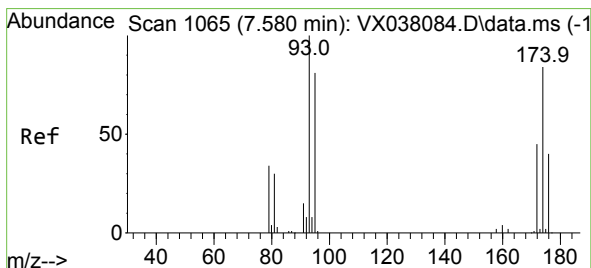
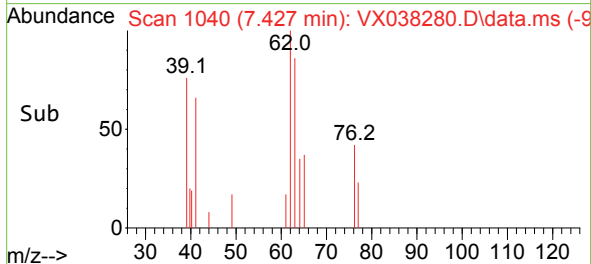
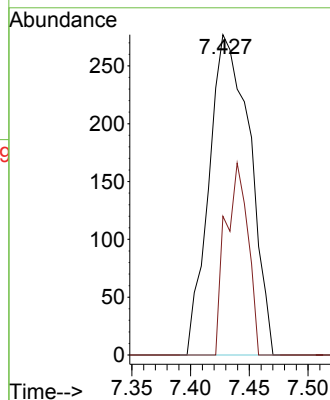
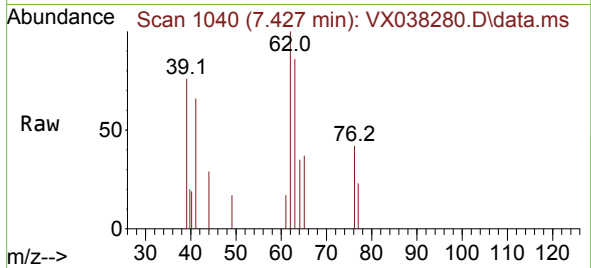




#45
1,2-Dichloropropane
Concen: 0.405 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.007 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

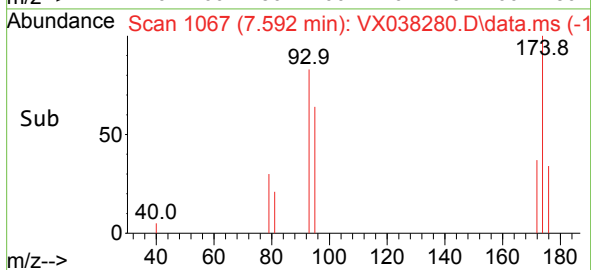
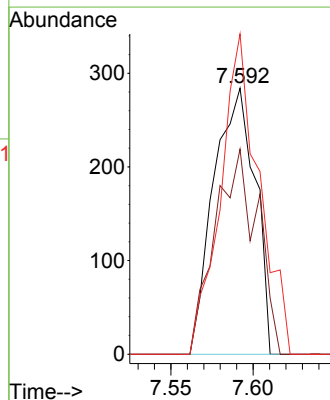
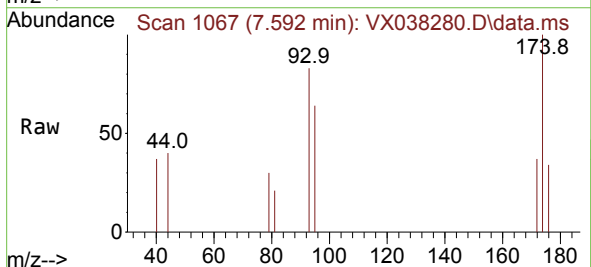
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

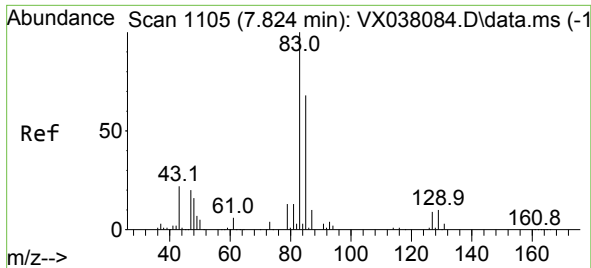
Tgt Ion: 63 Resp: 670
Ion Ratio Lower Upper
63 100
65 43.3 24.3 36.5#



#46
Dibromomethane
Concen: 0.387 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 93 Resp: 497
Ion Ratio Lower Upper
93 100
95 79.5 66.6 100.0
174 111.7 69.4 104.0#

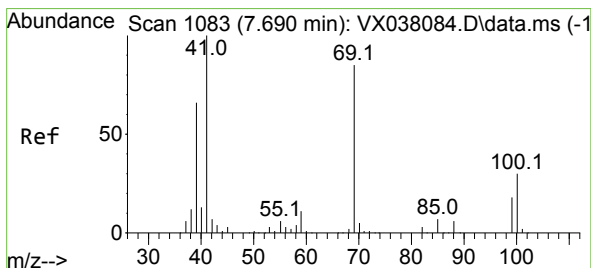
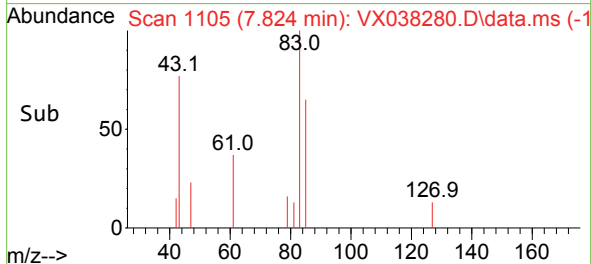
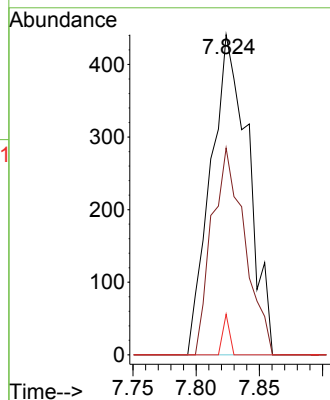
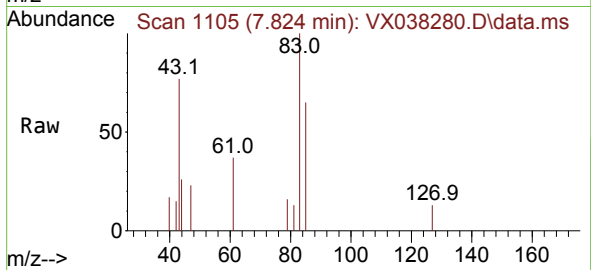




#47
Bromodichloromethane
Concen: 0.399 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

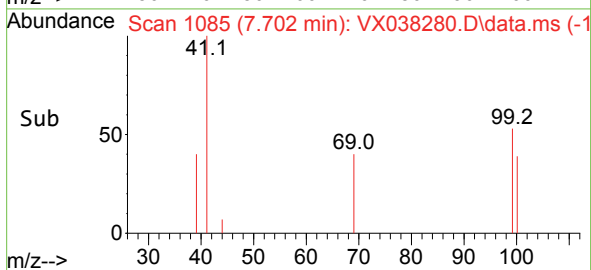
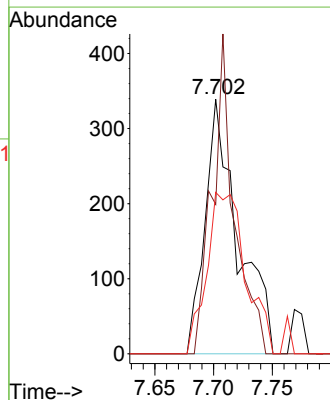
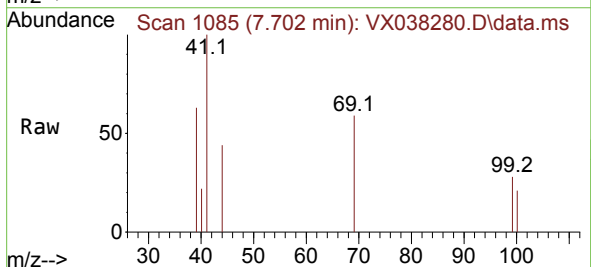
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

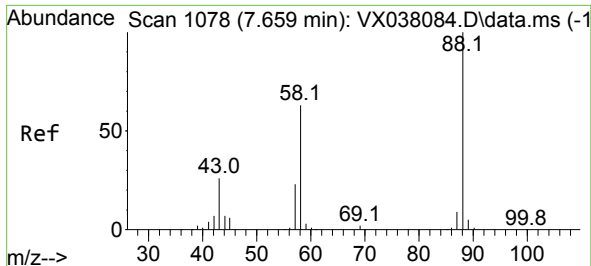
Tgt Ion: 83 Resp: 910
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 12.7 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.340 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 41 Resp: 657
Ion Ratio Lower Upper
41 100
69 84.6 59.2 88.8
39 75.3 47.7 71.5#

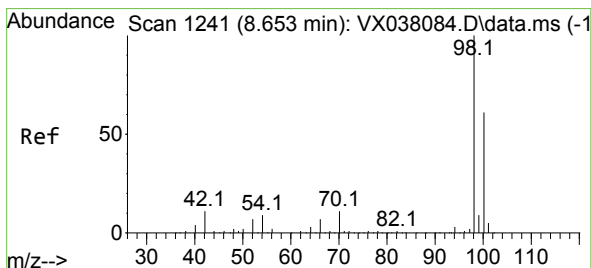
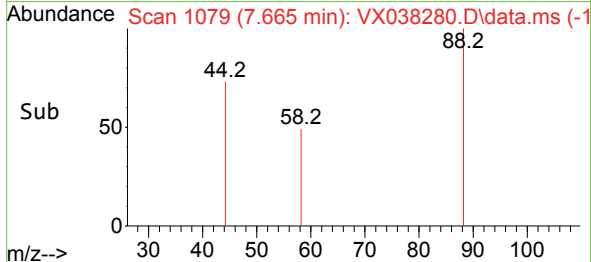
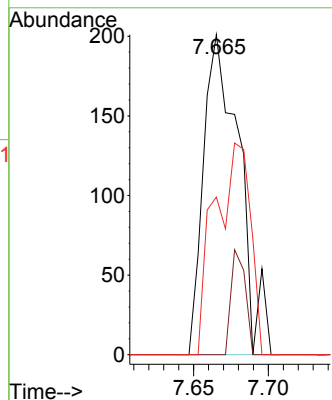
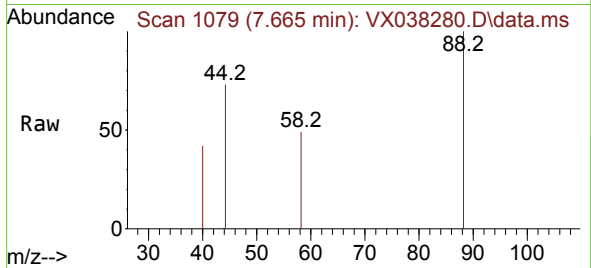




#49
1,4-Dioxane
Concen: 6.988 ug/l
RT: 7.665 min Scan# 110
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

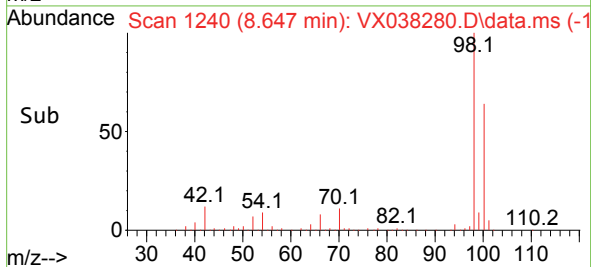
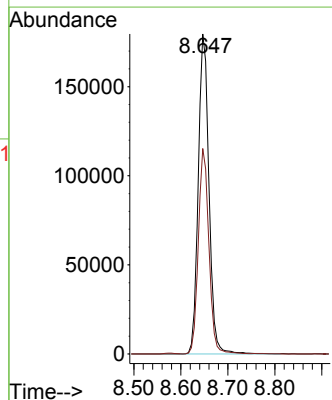
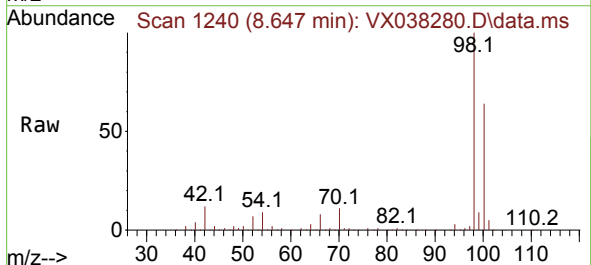
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

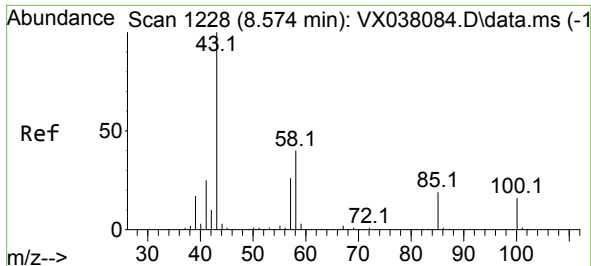
Tgt Ion: 88 Resp: 333
Ion Ratio Lower Upper
88 100
43 13.2 0.0 0.0#
58 66.4 60.1 90.1



#50
Toluene-d8
Concen: 45.135 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 98 Resp: 285761
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

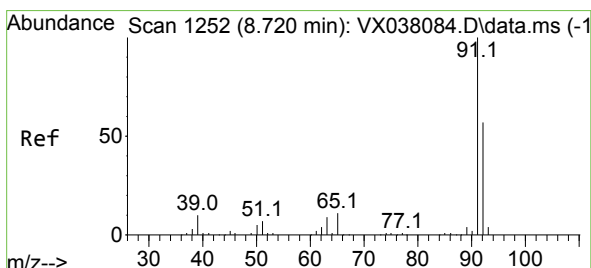
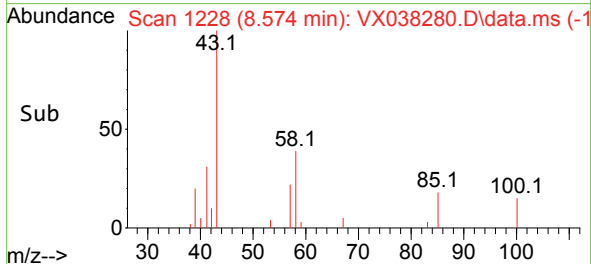
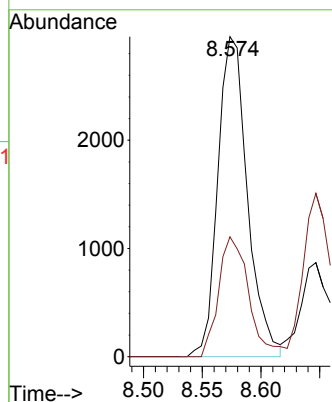
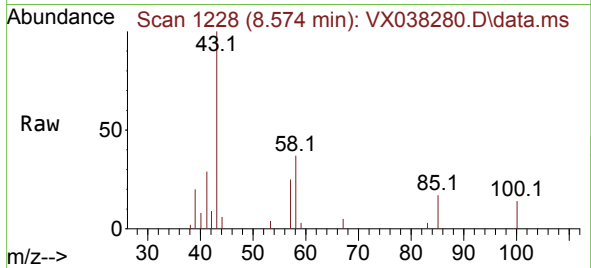




#51
4-Methyl-2-Pentanone
Concen: 1.853 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

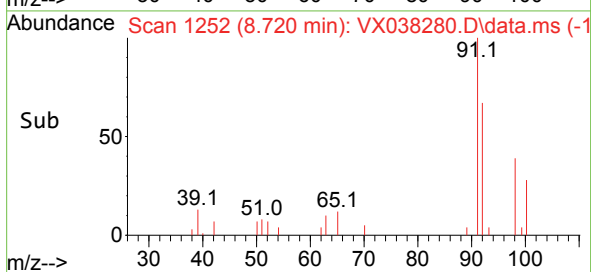
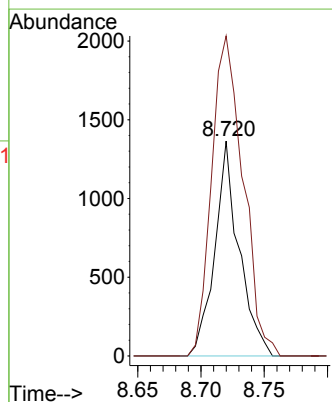
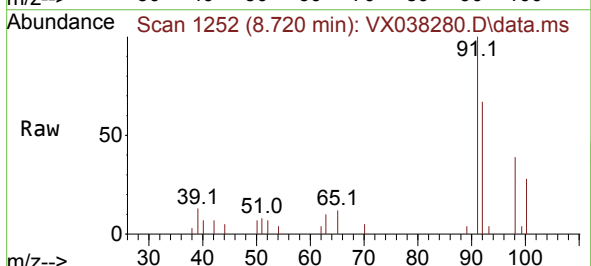
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

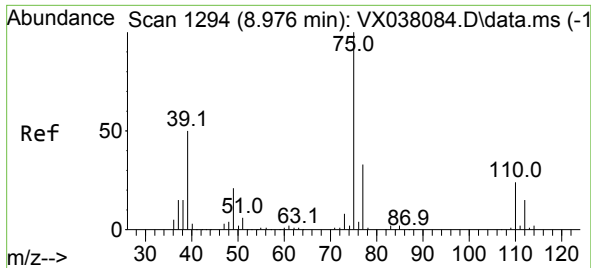
Tgt Ion: 43 Resp: 5177
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6



#52
Toluene
Concen: 0.436 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 92 Resp: 1817
Ion Ratio Lower Upper
92 100
91 193.3 134.2 201.2

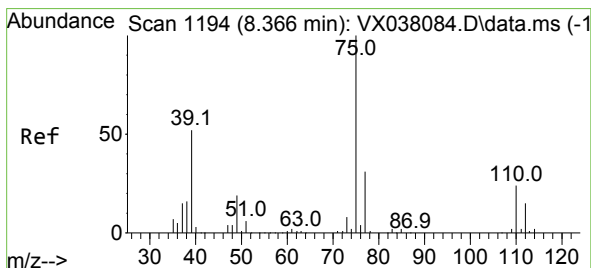
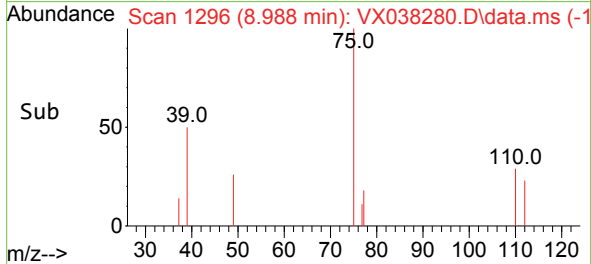
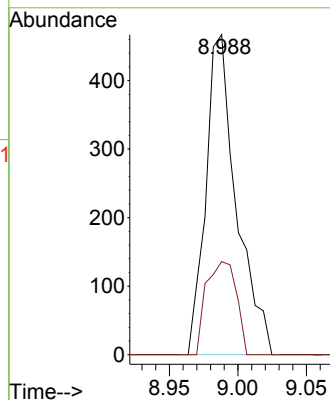
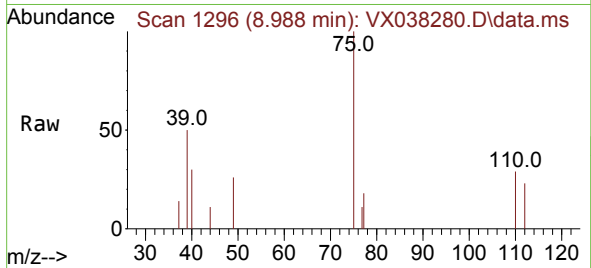




#53
 t-1,3-Dichloropropene
 Concen: 0.296 ug/l
 RT: 8.988 min Scan# 1195
 Delta R.T. 0.012 min
 Lab File: VX038280.D
 Acq: 13 Oct 2023 13:01

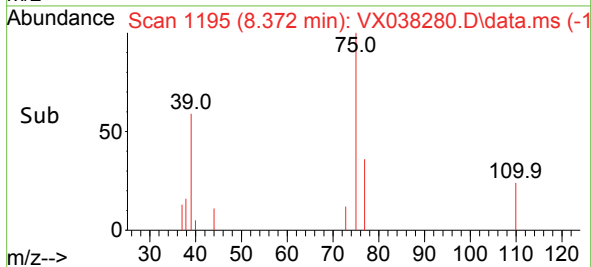
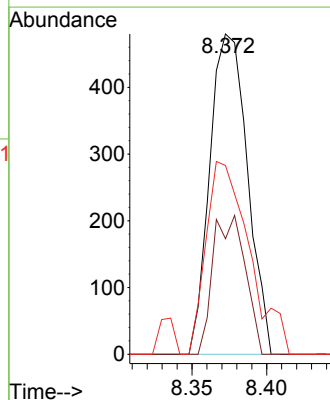
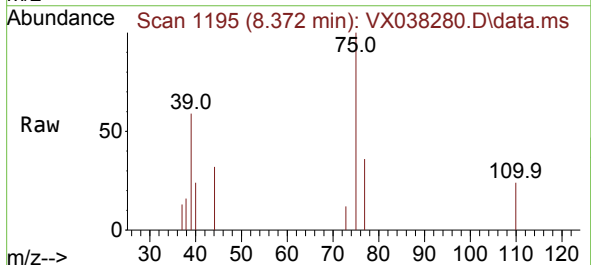
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

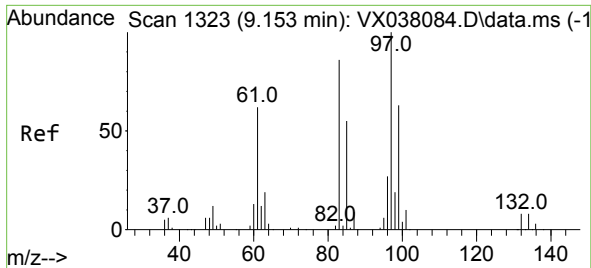
Tgt Ion: 75 Resp: 724
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 0.327 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX038280.D
 Acq: 13 Oct 2023 13:01

Tgt Ion: 75 Resp: 841
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.3 37.9
 39 59.0 46.7 70.1

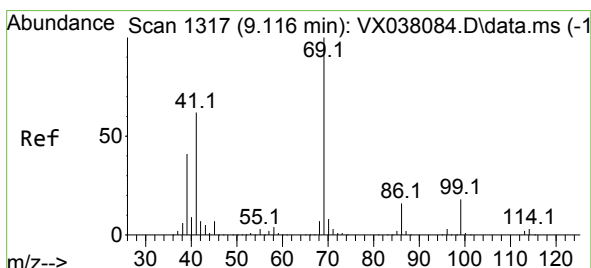
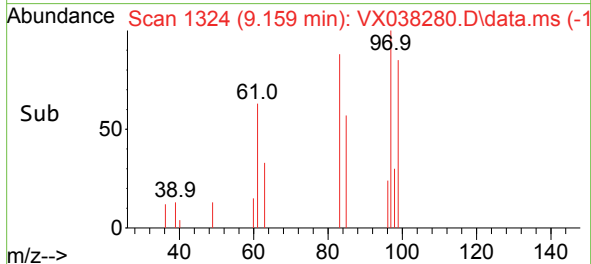
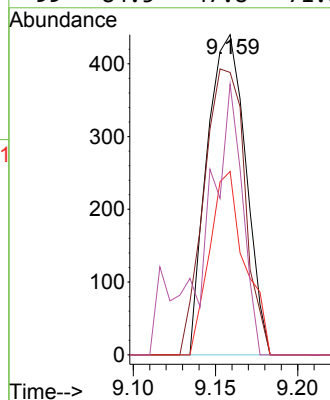
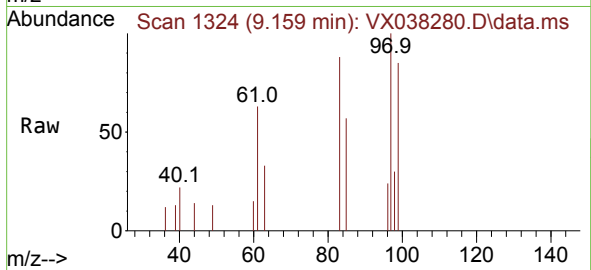




#55
1,1,2-Trichloroethane
Concen: 0.405 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

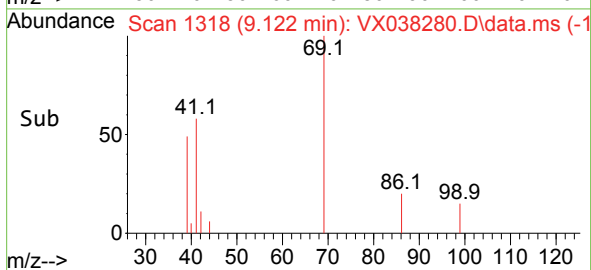
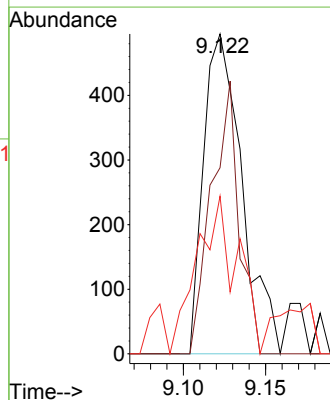
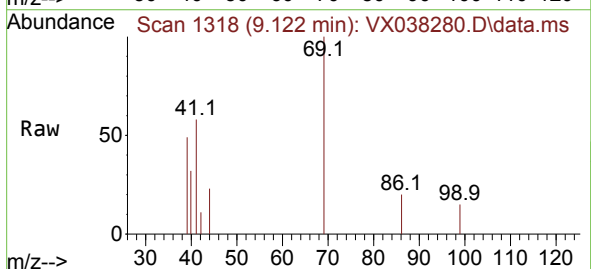
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

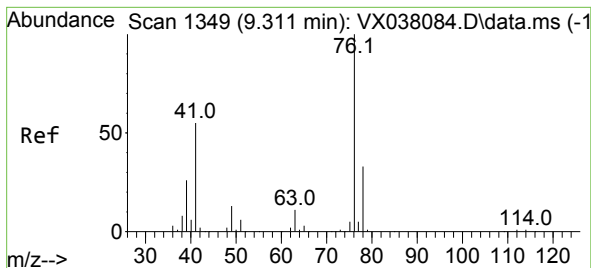
Tgt Ion:	97	Resp:	721
Ion	Ratio	Lower	Upper
97	100		
83	88.2	65.8	98.8
85	57.3	41.6	62.4
99	84.5	47.8	71.8



#56
Ethyl methacrylate
Concen: 0.296 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion:	69	Resp:	807
Ion	Ratio	Lower	Upper
69	100		
41	60.8	56.8	85.2
39	52.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 0.444 ug/l

RT: 9.311 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

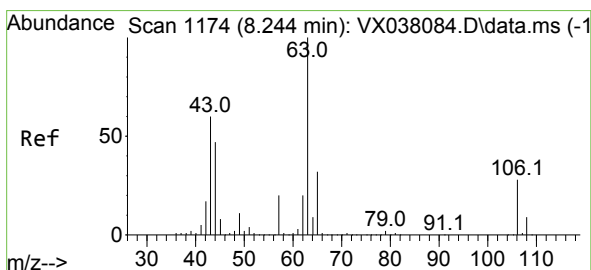
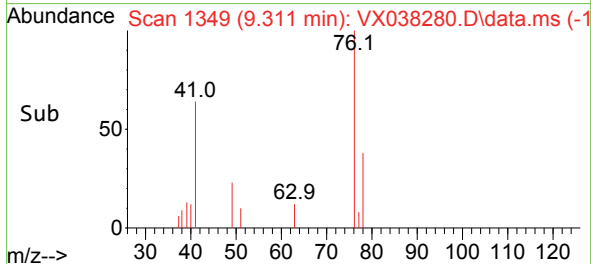
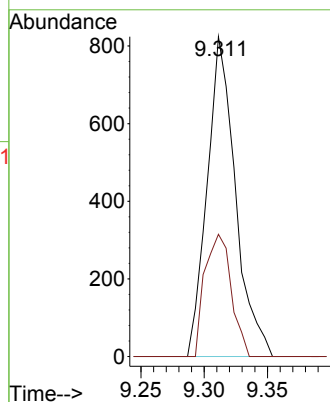
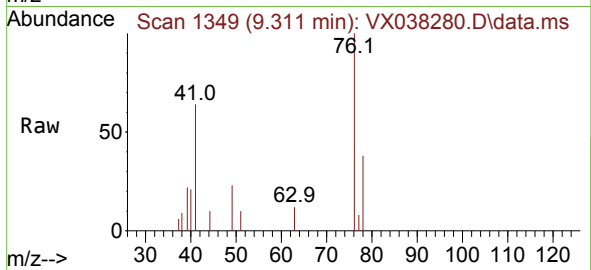
MDL-WATER-03-QT4-2023

Tgt Ion: 76 Resp: 1278

Ion Ratio Lower Upper

76 100

78 35.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.756 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX038280.D

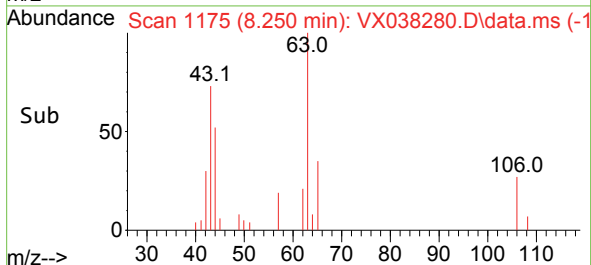
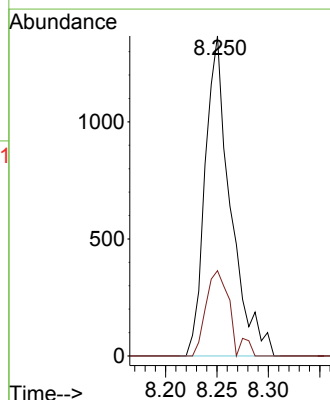
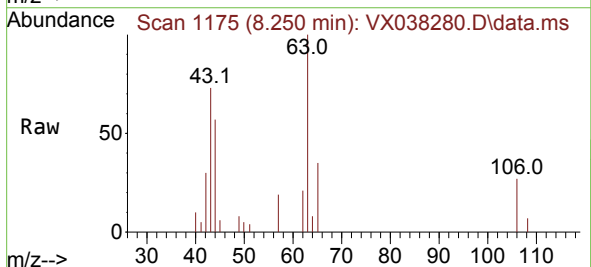
Acq: 13 Oct 2023 13:01

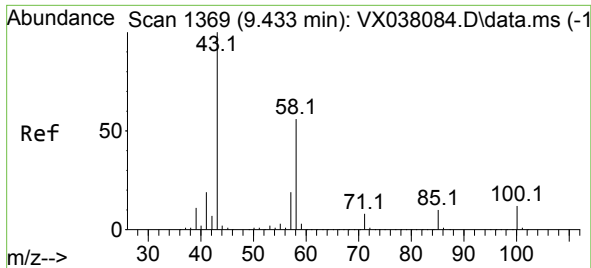
Tgt Ion: 63 Resp: 2353

Ion Ratio Lower Upper

63 100

106 25.3 22.5 33.7

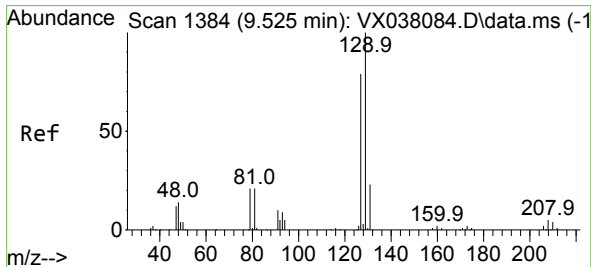
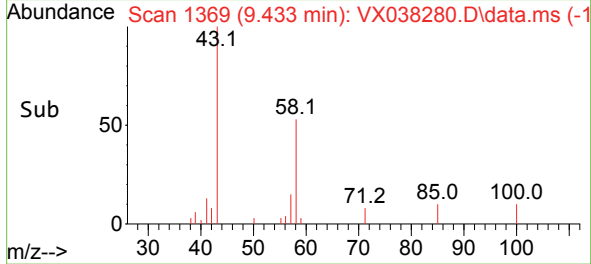
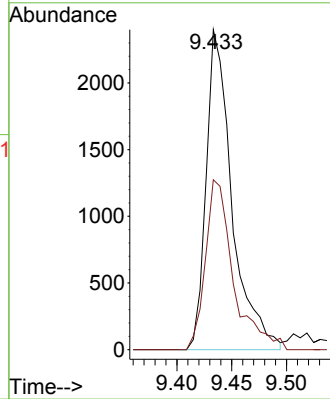
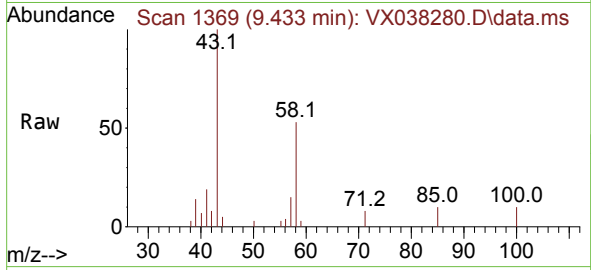




#59
2-Hexanone
Concen: 1.750 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

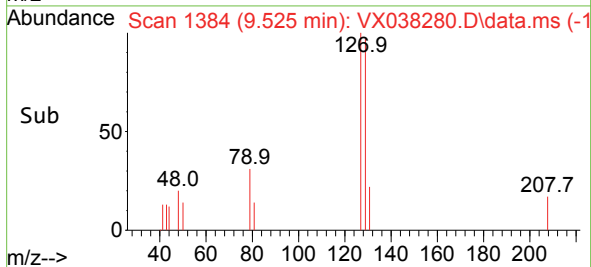
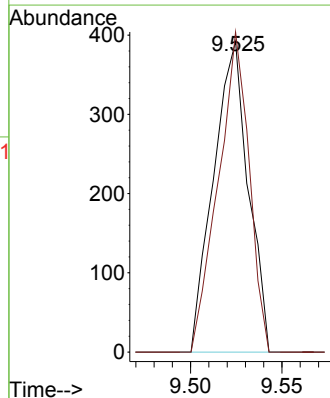
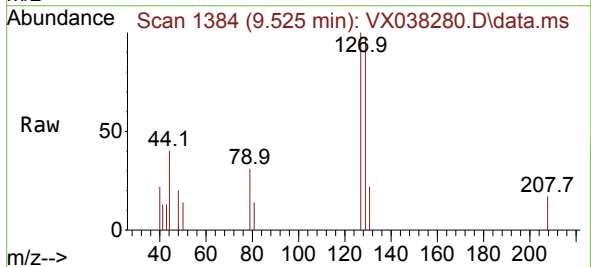
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

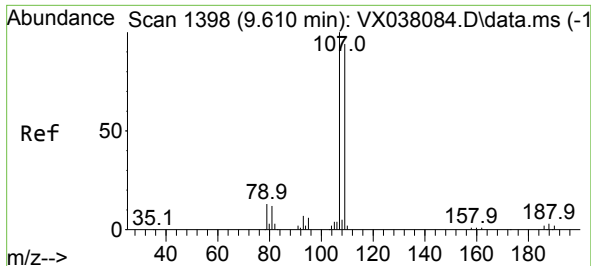
Tgt Ion: 43 Resp: 3931
Ion Ratio Lower Upper
43 100
58 57.3 26.2 78.5



#60
Dibromochloromethane
Concen: 0.297 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 129 Resp: 518
Ion Ratio Lower Upper
129 100
127 91.5 38.8 116.4

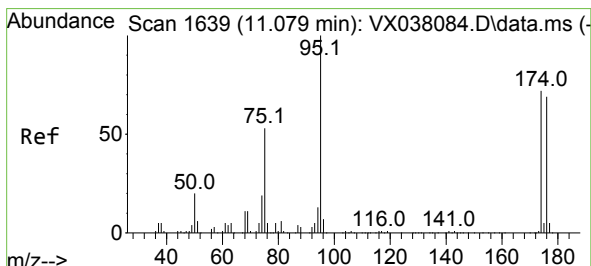
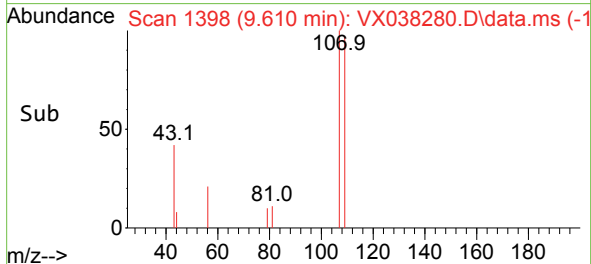
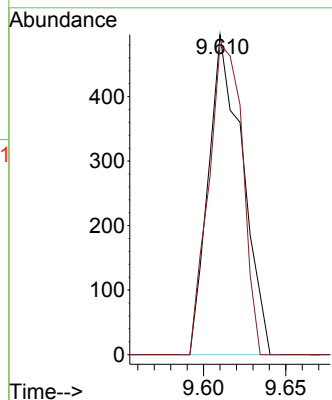
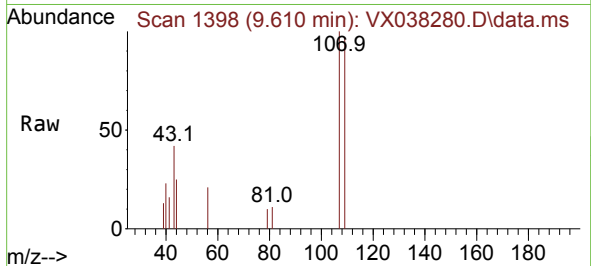




#61
1,2-Dibromoethane
Concen: 0.371 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

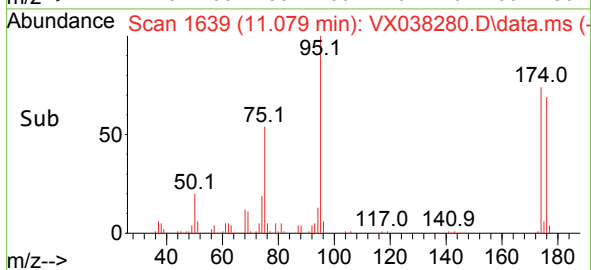
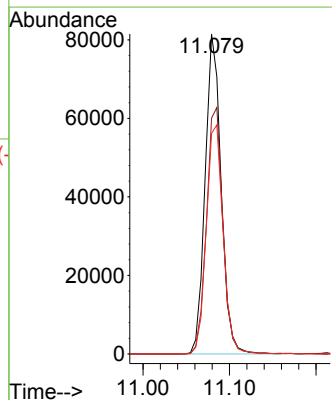
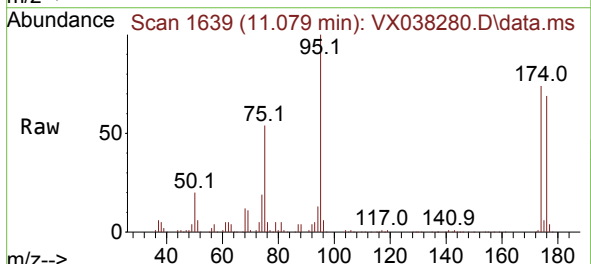
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

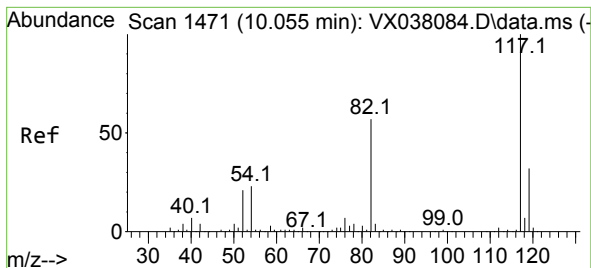
Tgt Ion:107 Resp: 714
Ion Ratio Lower Upper
107 100
109 96.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 43.477 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 95 Resp: 104355
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 75.1 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: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

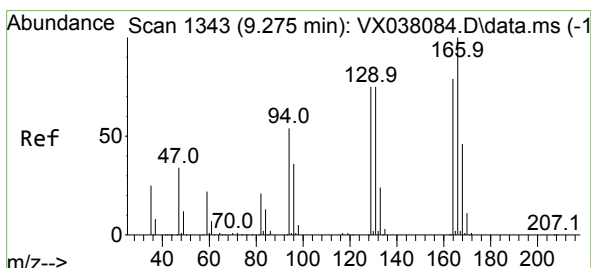
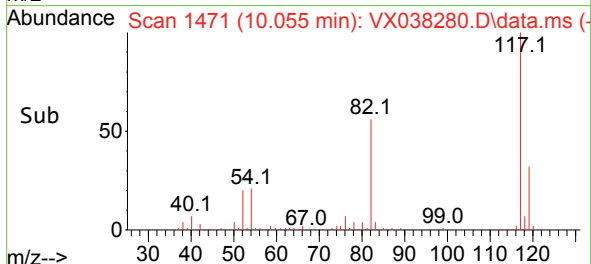
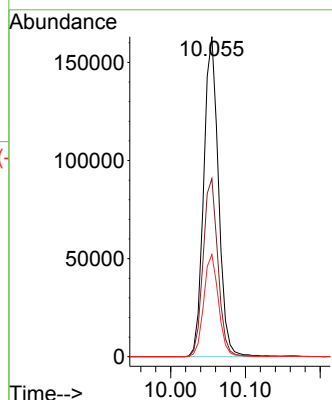
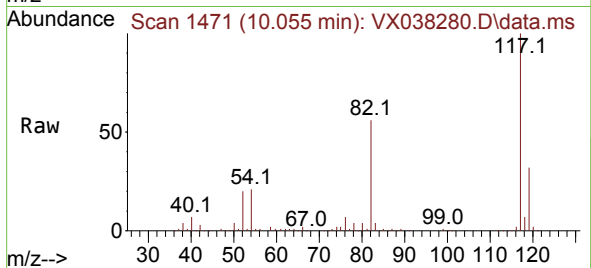
Tgt Ion:117 Resp: 224012

Ion Ratio Lower Upper

117 100

82 55.6 46.2 69.4

119 32.0 25.5 38.3



#64

Tetrachloroethene

Concen: 0.422 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Tgt Ion:164 Resp: 612

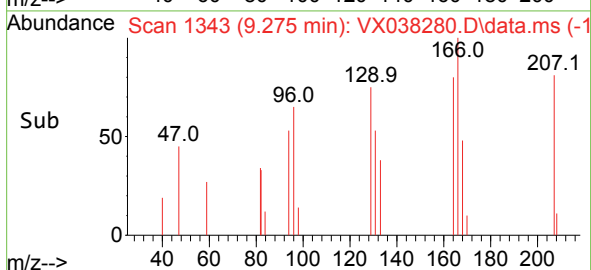
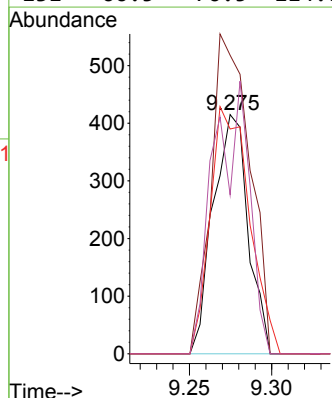
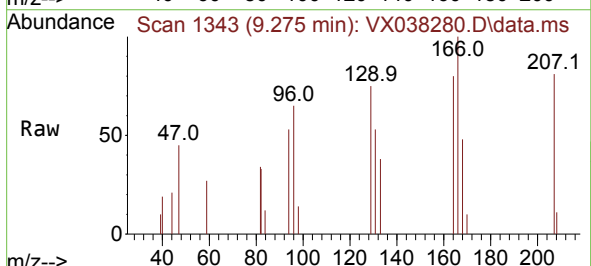
Ion Ratio Lower Upper

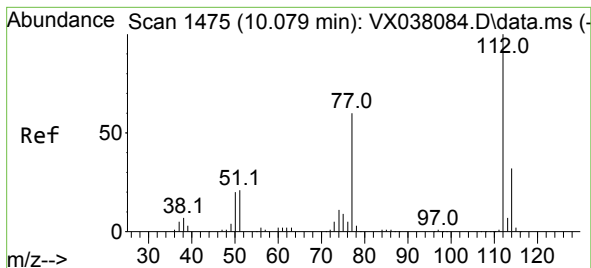
164 100

166 124.8 102.7 154.1

129 94.0 80.4 120.6

131 66.5 76.5 114.7#





#65

Chlorobenzene

Concen: 0.444 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

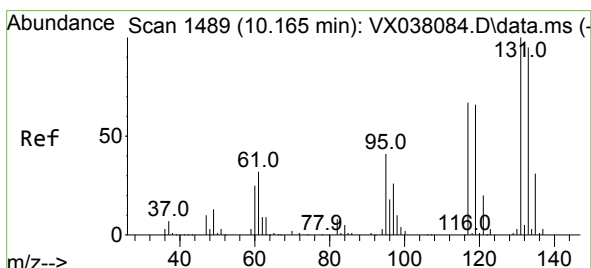
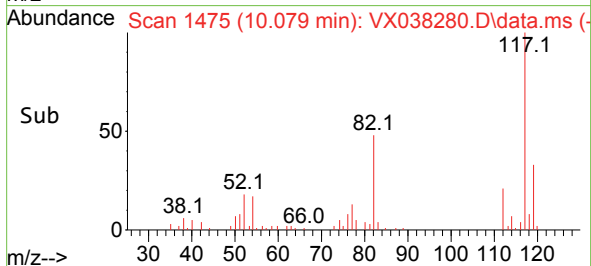
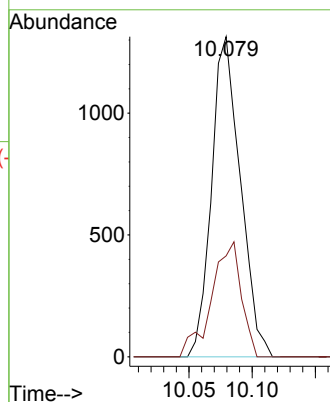
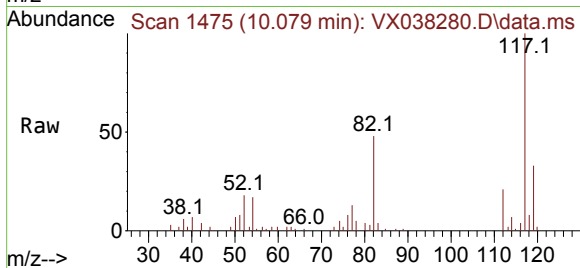
MDL-WATER-03-QT4-2023

Tgt Ion:112 Resp: 2082

Ion Ratio Lower Upper

112 100

114 31.5 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 0.382 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

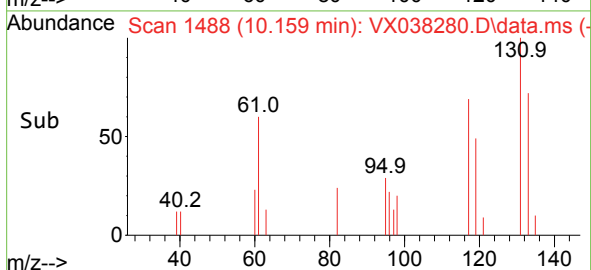
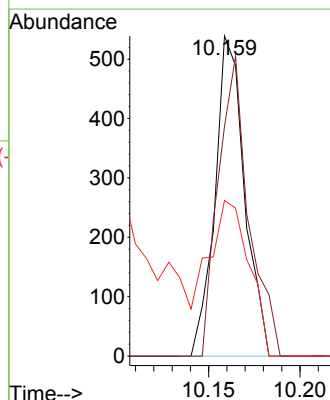
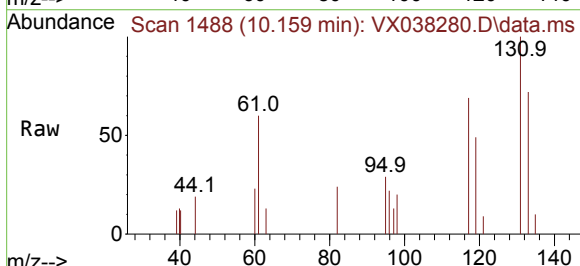
Tgt Ion:131 Resp: 606

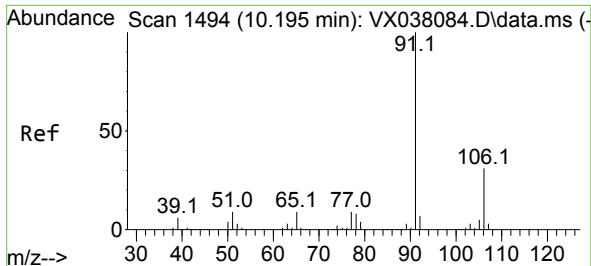
Ion Ratio Lower Upper

131 100

133 96.7 47.1 141.4

119 0.0 32.2 96.6#

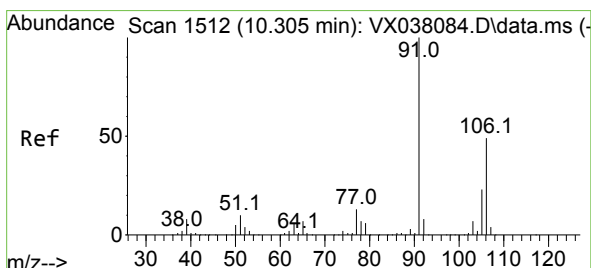
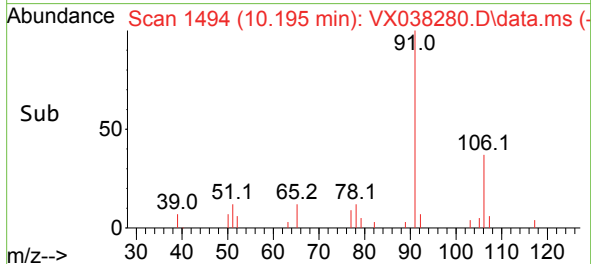
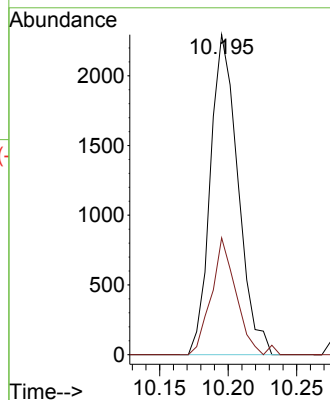
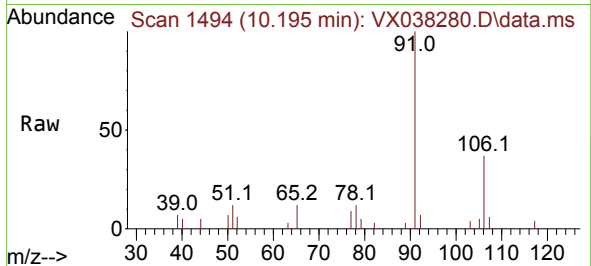




#67
Ethyl Benzene
Concen: 0.385 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

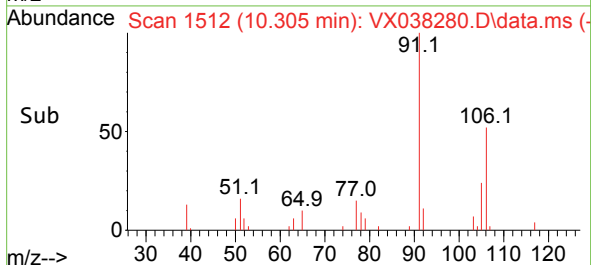
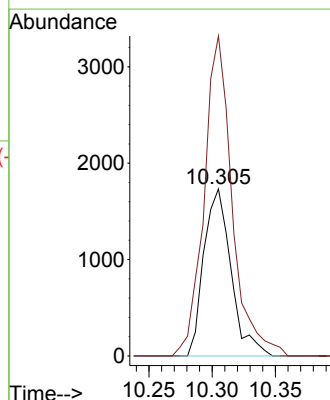
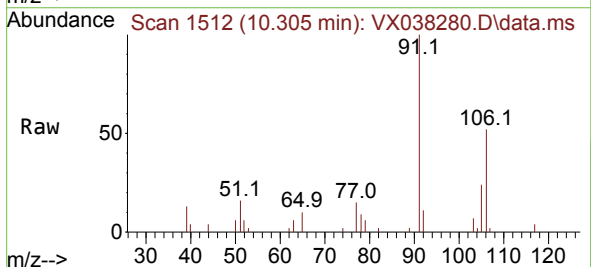
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

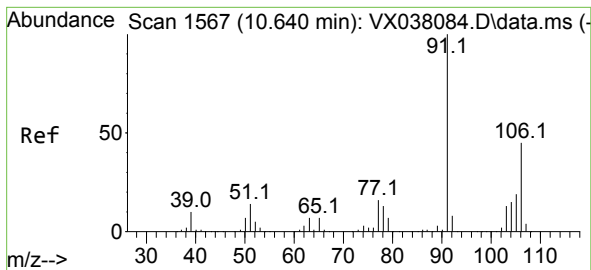
Tgt Ion: 91 Resp: 3218
Ion Ratio Lower Upper
91 100
106 36.5 24.9 37.3



#68
m/p-Xylenes
Concen: 0.801 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 106 Resp: 2593
Ion Ratio Lower Upper
106 100
91 198.0 165.5 248.3





#69

o-Xylene

Concen: 0.357 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

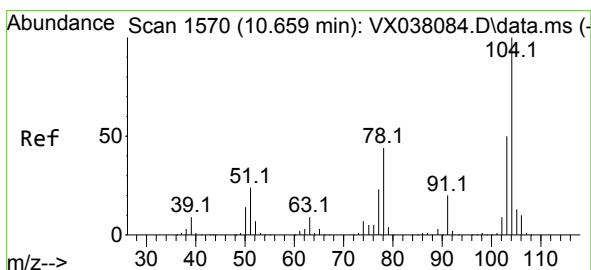
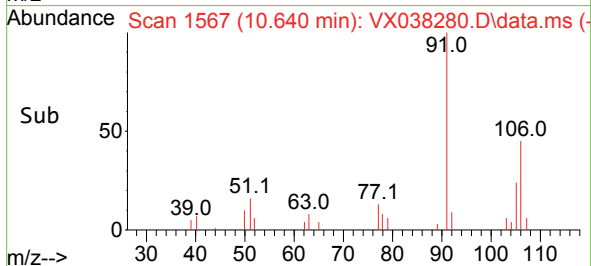
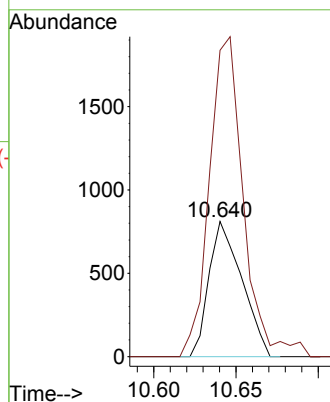
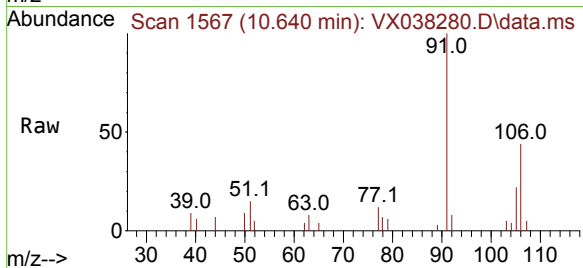
MDL-WATER-03-QT4-2023

Tgt Ion:106 Resp: 1128

Ion Ratio Lower Upper

106 100

91 244.6 108.9 326.8



#70

Styrene

Concen: 0.363 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

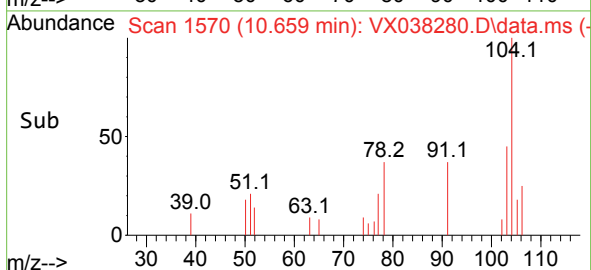
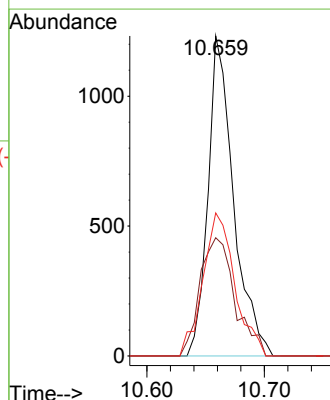
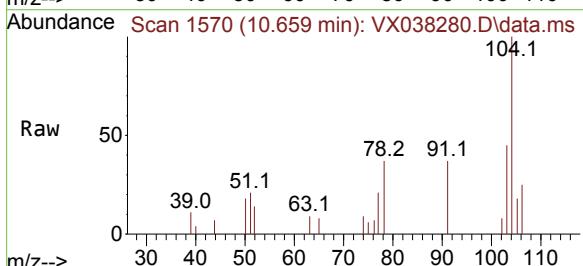
Tgt Ion:104 Resp: 1865

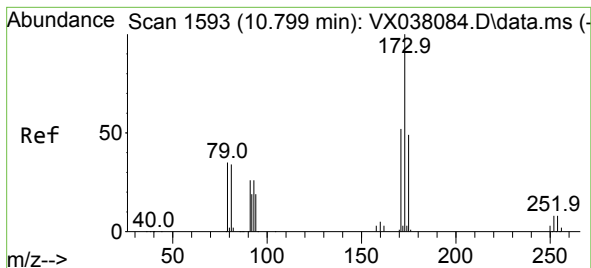
Ion Ratio Lower Upper

104 100

78 50.4 43.6 65.4

103 55.3 43.6 65.4





#71

Bromoform

Concen: 0.295 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

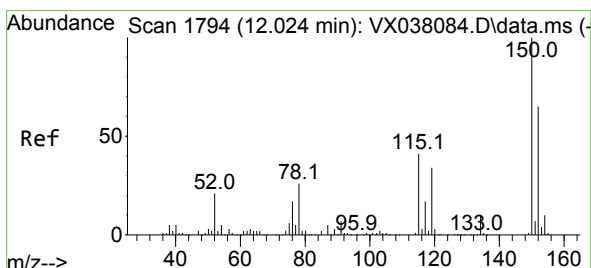
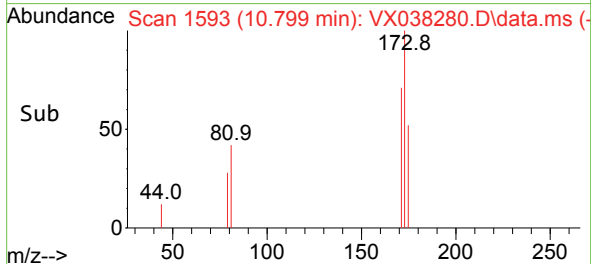
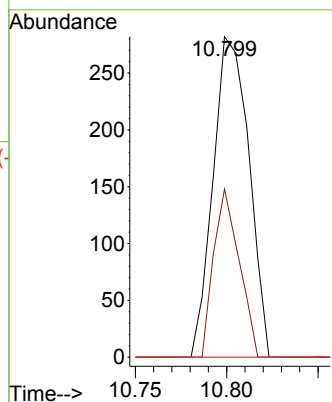
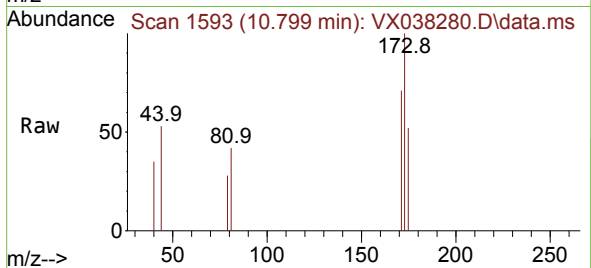
Tgt Ion:173 Resp: 385

Ion Ratio Lower Upper

173 100

175 37.1 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

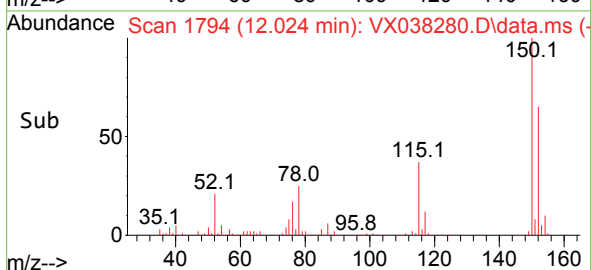
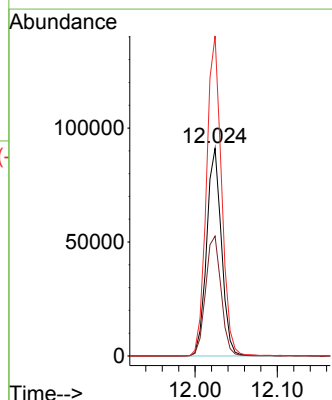
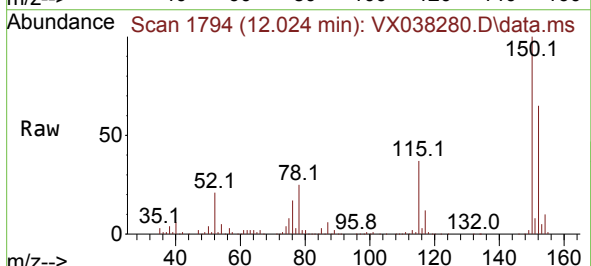
Tgt Ion:152 Resp: 114207

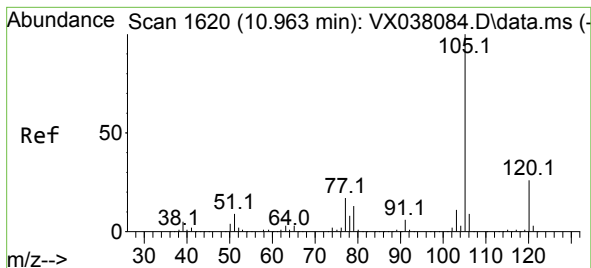
Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 156.3 0.0 345.0





#73

Isopropylbenzene

Concen: 0.397 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

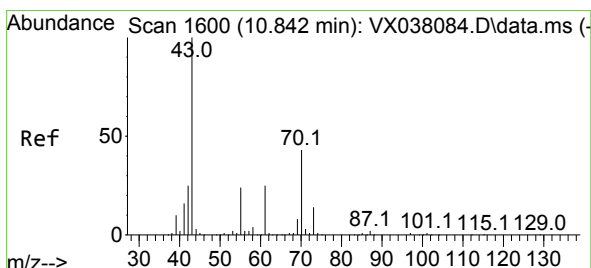
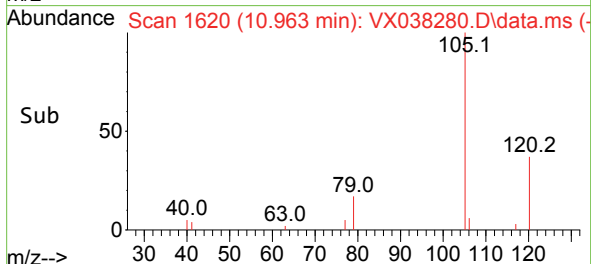
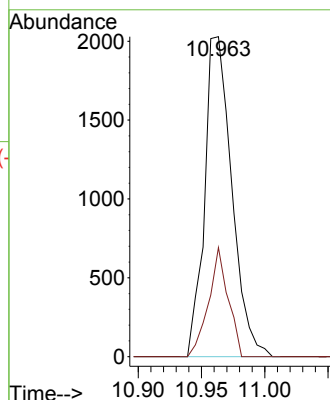
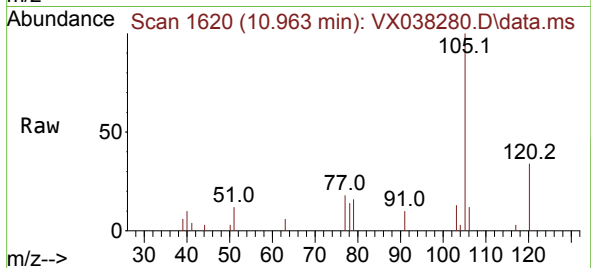
MDL-WATER-03-QT4-2023

Tgt Ion:105 Resp: 3039

Ion Ratio Lower Upper

105 100

120 24.4 12.9 38.6



#74

N-ethyl acetate

Concen: 0.247 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Tgt Ion: 43 Resp: 808

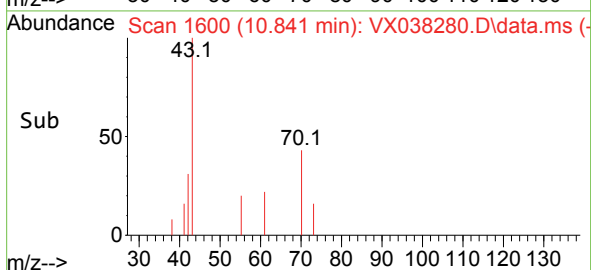
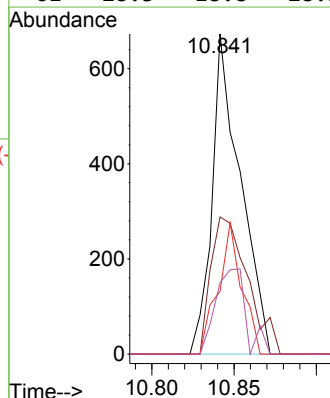
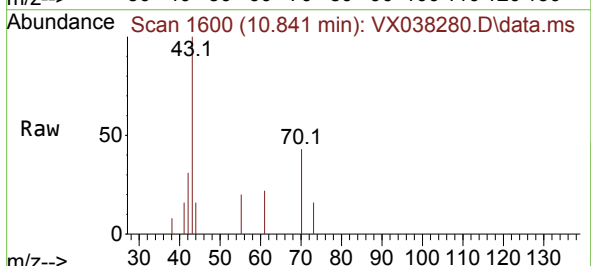
Ion Ratio Lower Upper

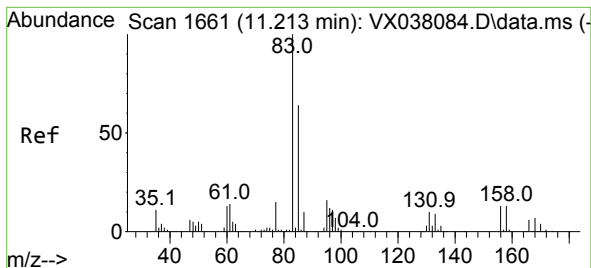
43 100

70 55.3 32.9 49.3#

55 34.0 19.3 28.9#

61 28.3 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.433 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

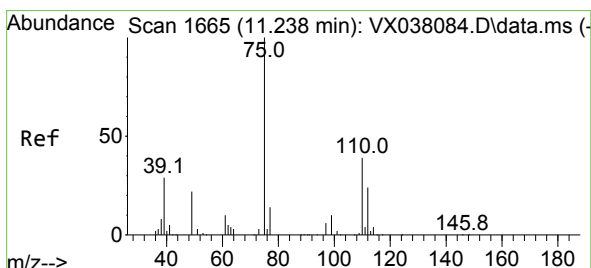
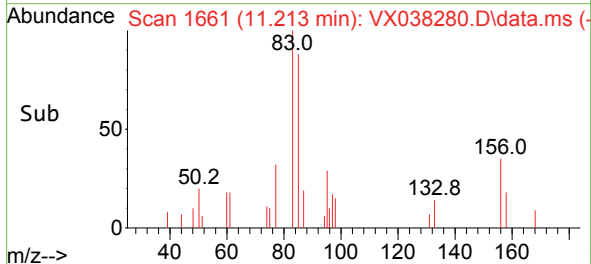
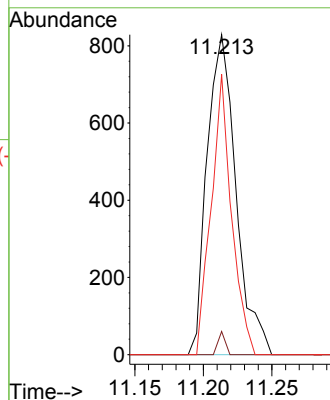
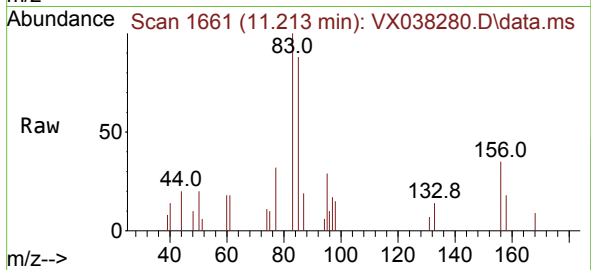
Tgt Ion: 83 Resp: 1216

Ion Ratio Lower Upper

83 100

131 1.8 5.3 15.8#

85 61.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 21.910 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038280.D

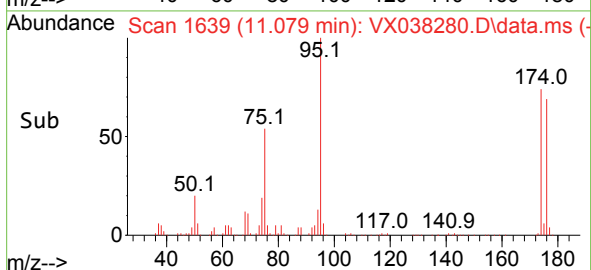
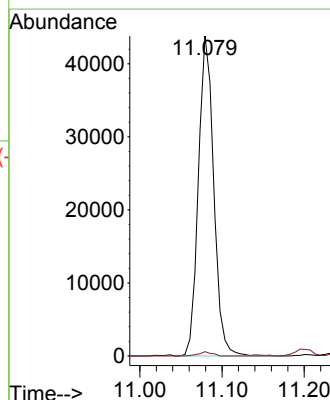
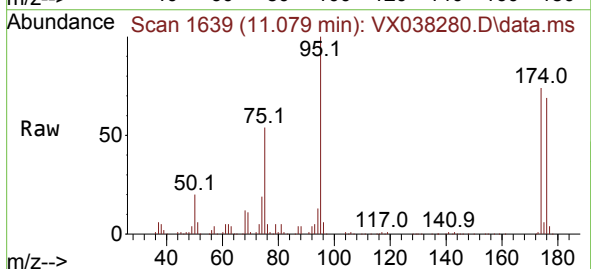
Acq: 13 Oct 2023 13:01

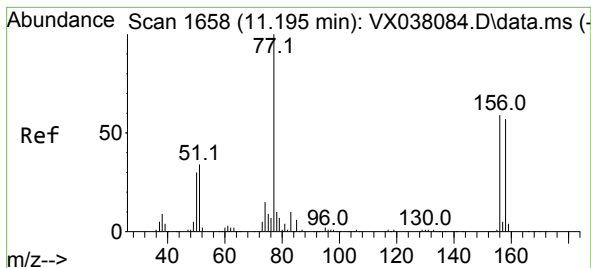
Tgt Ion: 75 Resp: 56885

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#77

Bromobenzene

Concen: 0.485 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

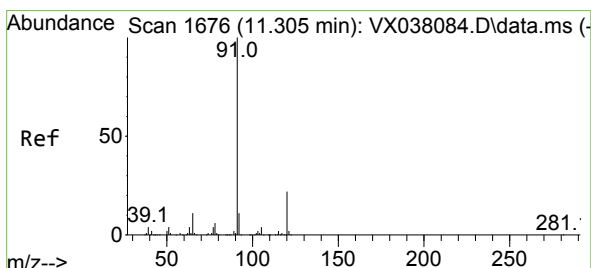
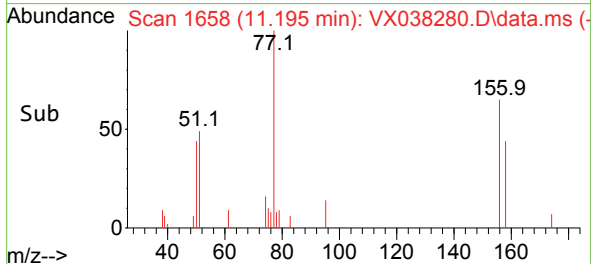
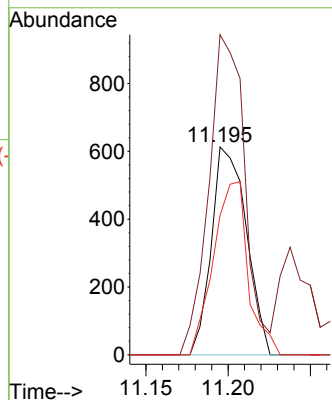
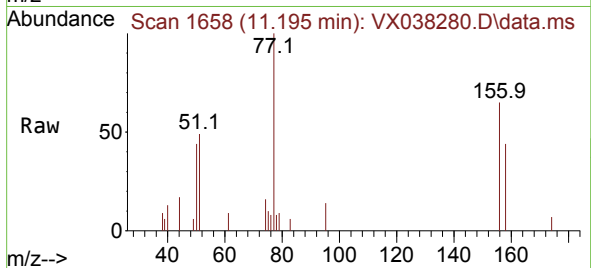
Tgt Ion:156 Resp: 906

Ion Ratio Lower Upper

156 100

77 158.6 88.4 265.3

158 82.5 48.0 144.0



#78

n-propylbenzene

Concen: 0.416 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038280.D

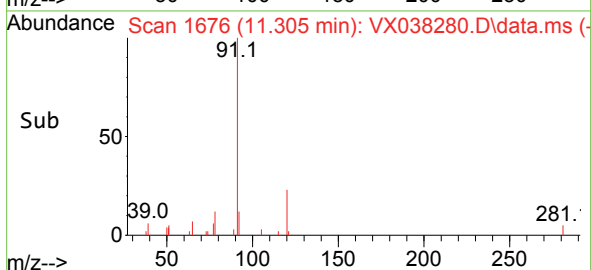
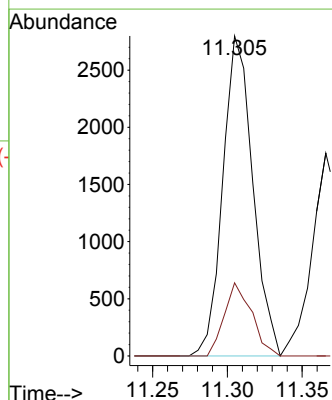
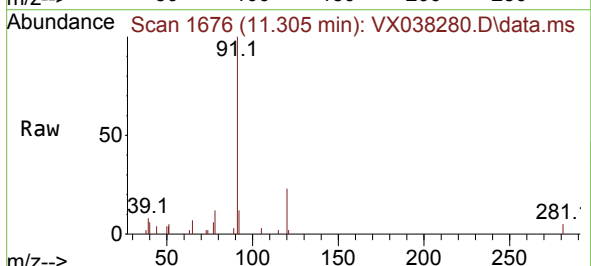
Acq: 13 Oct 2023 13:01

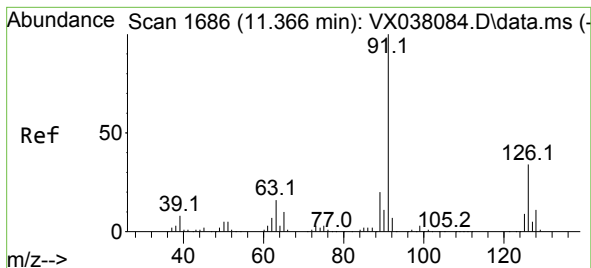
Tgt Ion: 91 Resp: 3899

Ion Ratio Lower Upper

91 100

120 20.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.462 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

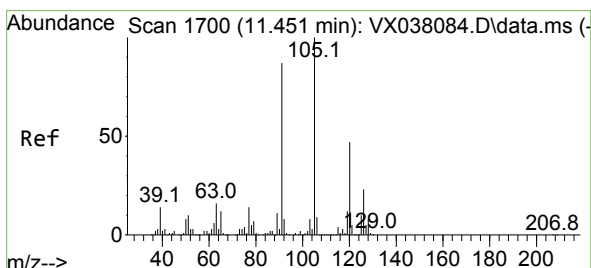
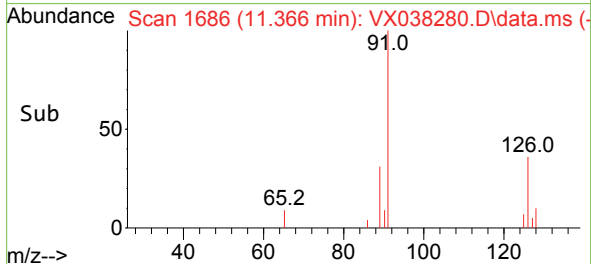
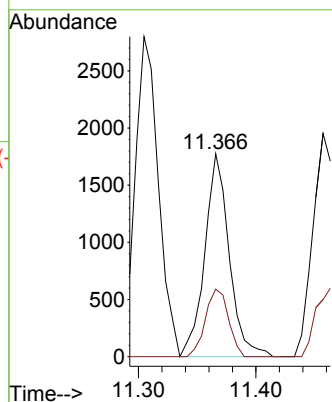
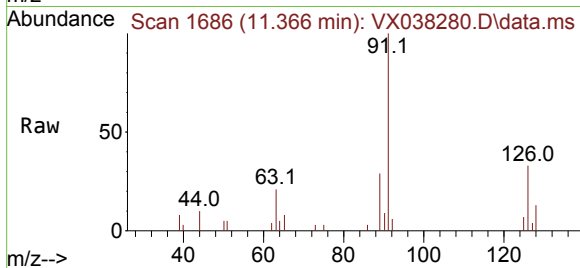
MDL-WATER-03-QT4-2023

Tgt Ion: 91 Resp: 2564

Ion Ratio Lower Upper

91 100

126 31.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.379 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038280.D

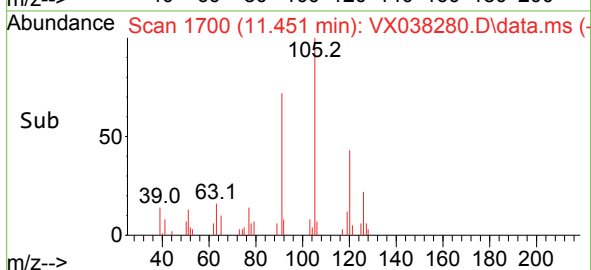
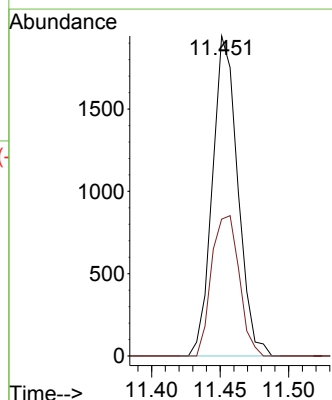
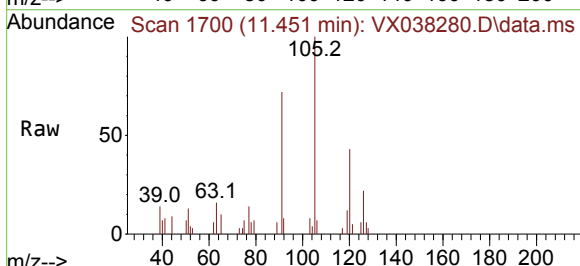
Acq: 13 Oct 2023 13:01

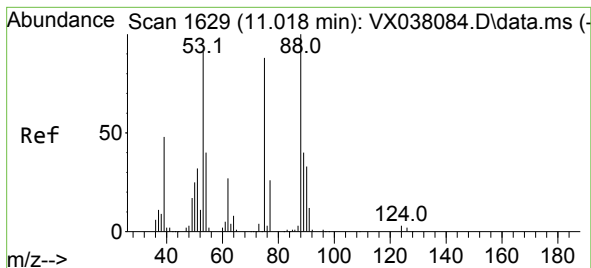
Tgt Ion: 105 Resp: 2504

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3

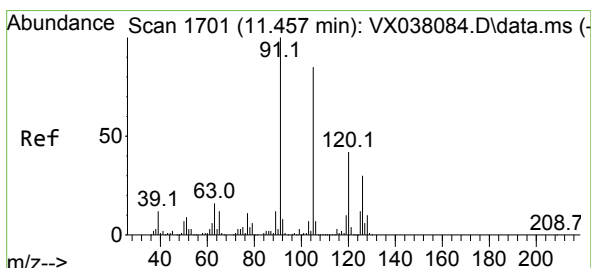
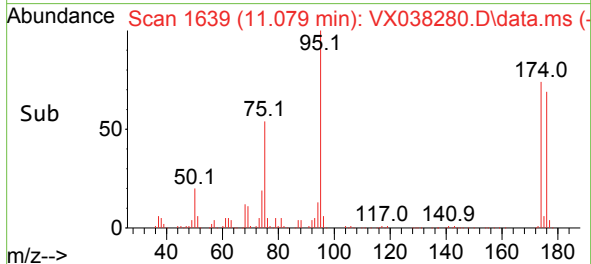
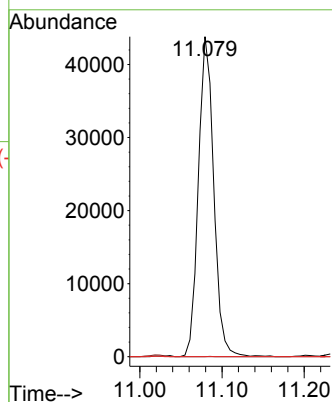
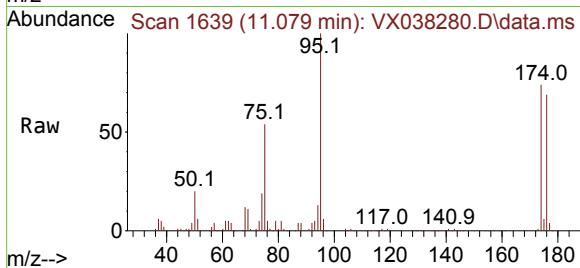




#81
trans-1,4-Dichloro-2-butene
Concen: 69.951 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

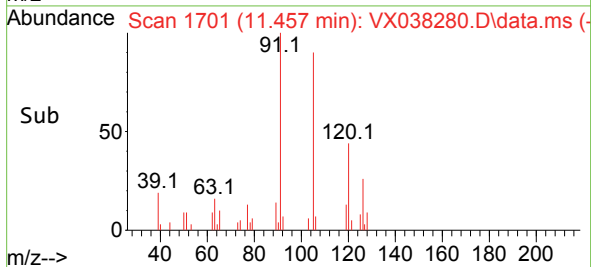
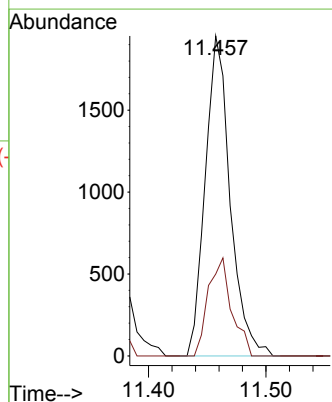
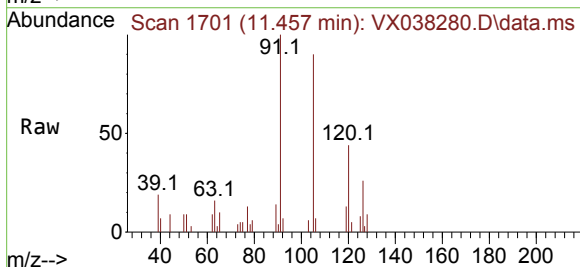
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

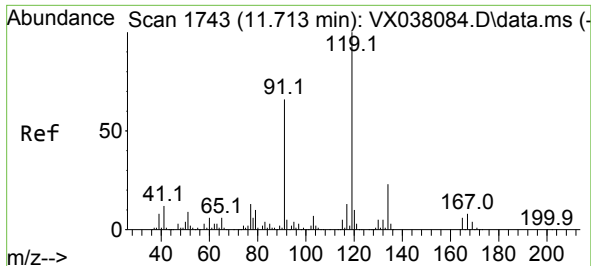
Tgt Ion: 75 Resp: 56885
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.438 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 91 Resp: 2878
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6

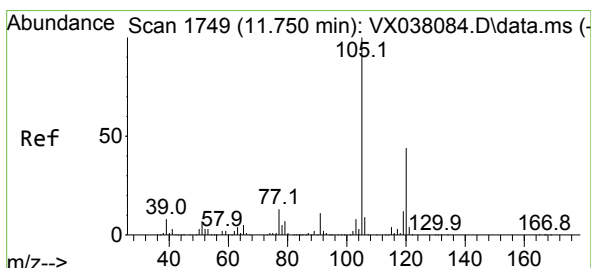
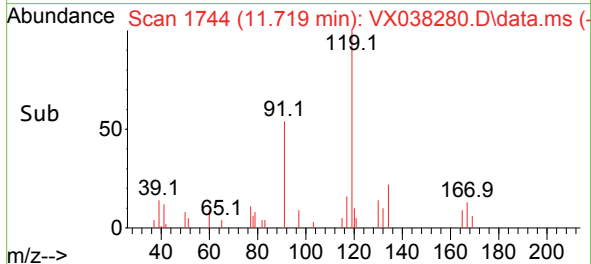
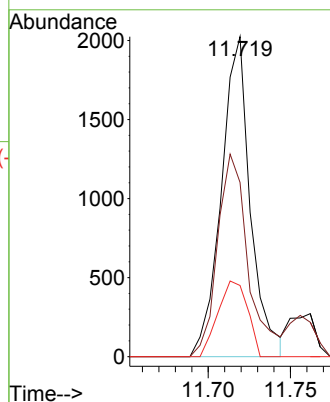
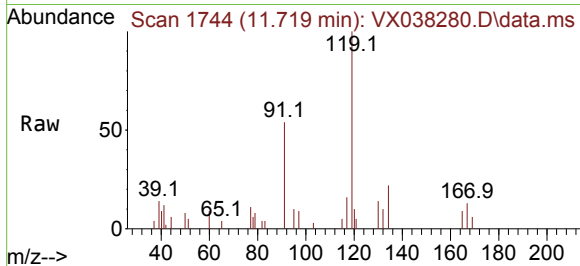




#83
tert-Butylbenzene
Concen: 0.385 ug/l
RT: 11.719 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

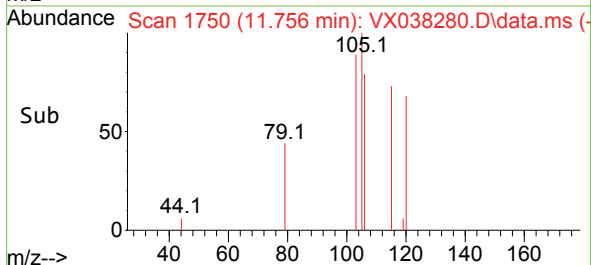
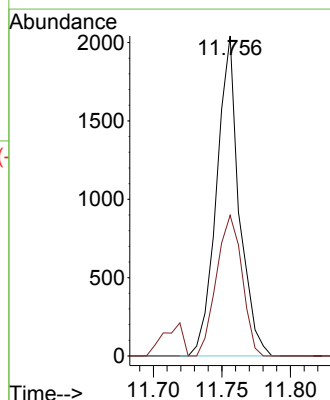
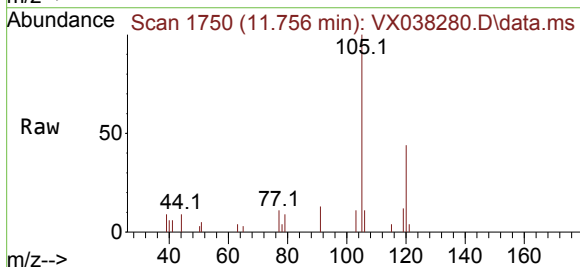
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

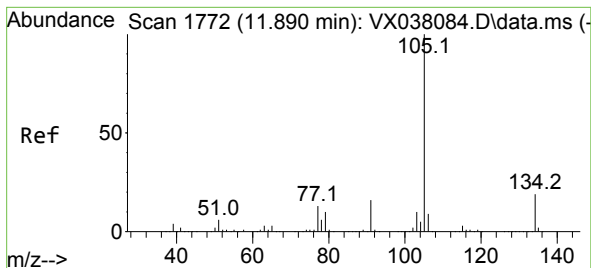
Tgt Ion:119 Resp: 2487
Ion Ratio Lower Upper
119 100
91 66.7 31.2 93.6
134 24.1 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 0.355 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion:105 Resp: 2340
Ion Ratio Lower Upper
105 100
120 49.7 21.2 63.6





#85

sec-Butylbenzene

Concen: 0.377 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

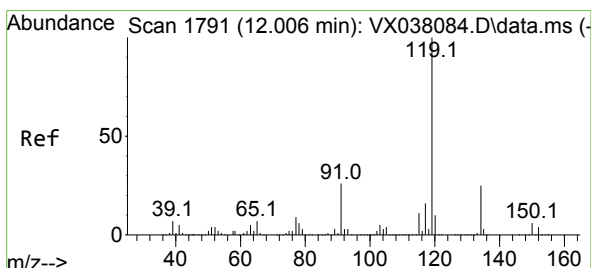
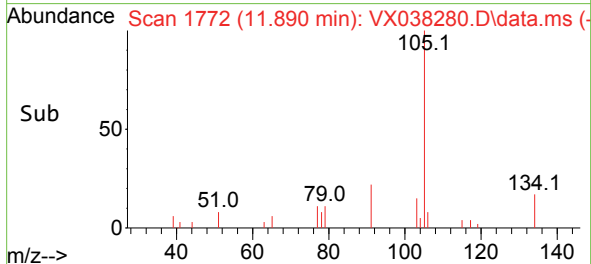
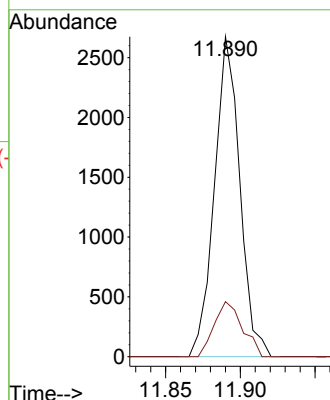
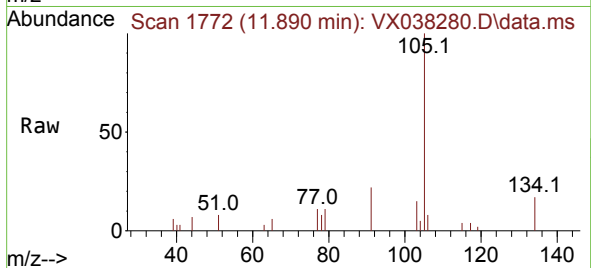
MDL-WATER-03-QT4-2023

Tgt Ion:105 Resp: 3156

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.366 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

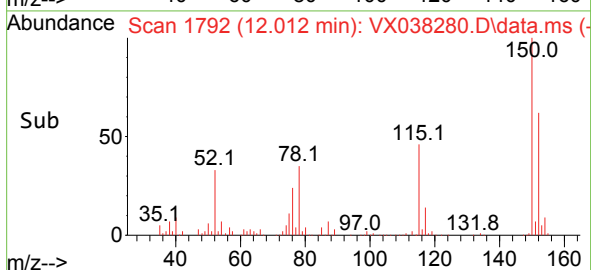
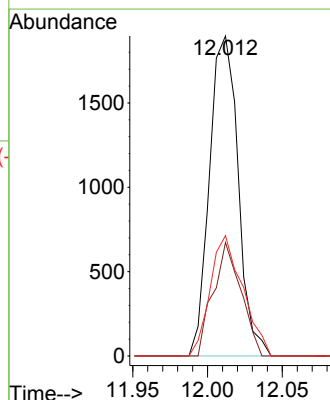
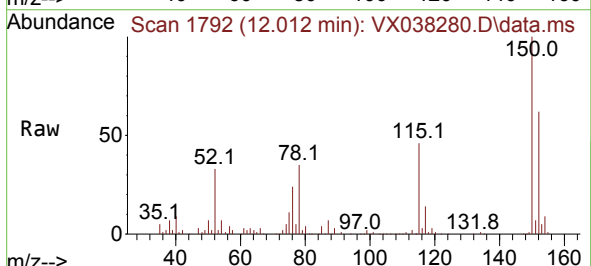
Tgt Ion:119 Resp: 2526

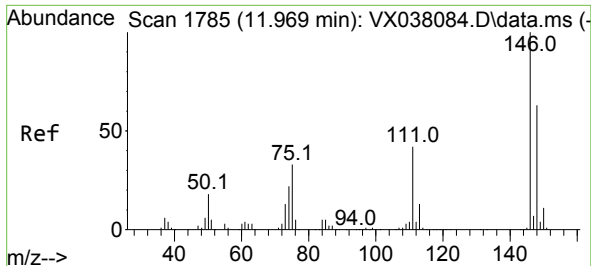
Ion Ratio Lower Upper

119 100

134 34.3 12.8 38.3

91 42.8 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.481 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX038280.D

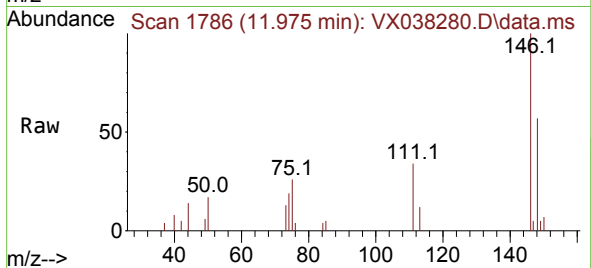
Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



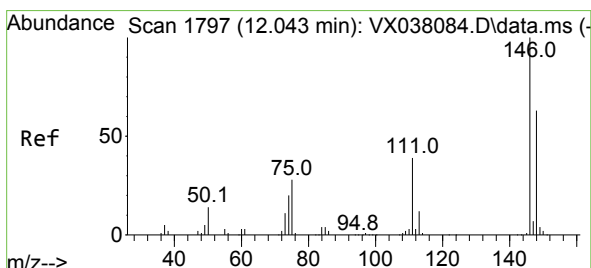
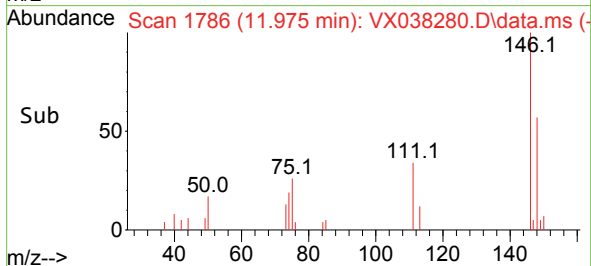
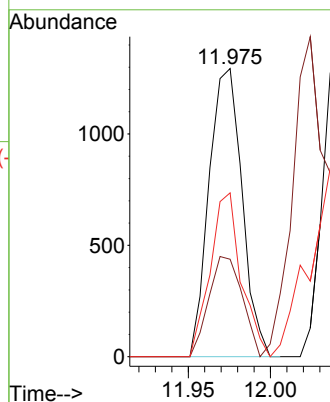
Tgt Ion:146 Resp: 1806

Ion Ratio Lower Upper

146 100

111 35.2 22.1 66.1

148 53.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.471 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.068 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

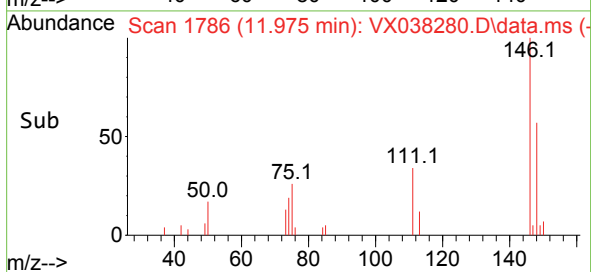
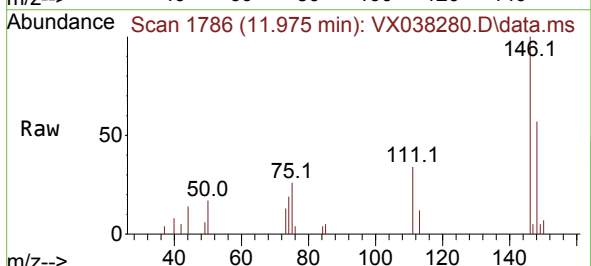
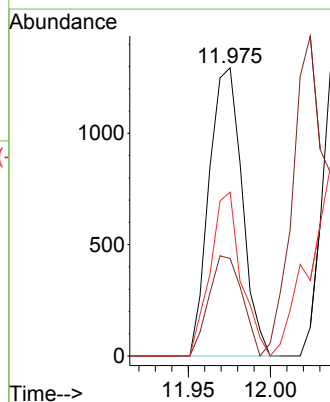
Tgt Ion:146 Resp: 1806

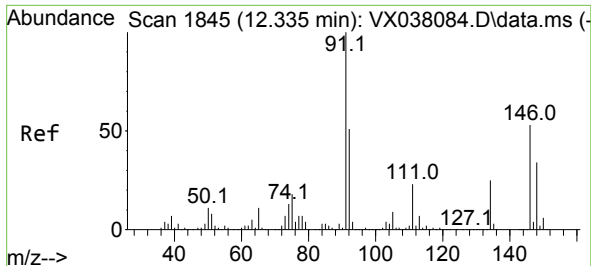
Ion Ratio Lower Upper

146 100

111 35.2 21.3 63.7

148 53.4 31.8 95.4





#89

n-Butylbenzene

Concen: 0.361 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

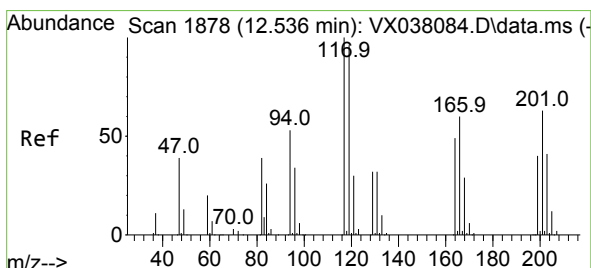
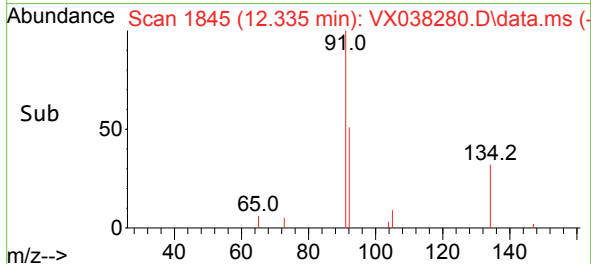
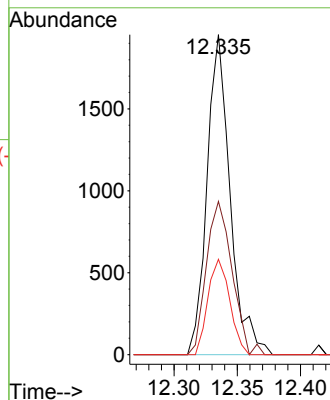
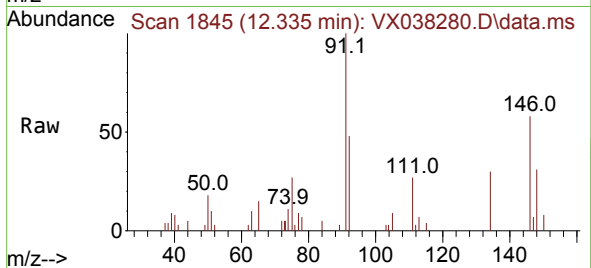
Tgt Ion: 91 Resp: 2481

Ion Ratio Lower Upper

91 100

92 53.2 27.4 82.0

134 28.1 12.6 37.8



#90

Hexachloroethane

Concen: 0.377 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038280.D

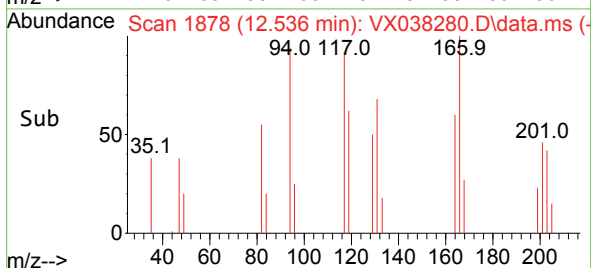
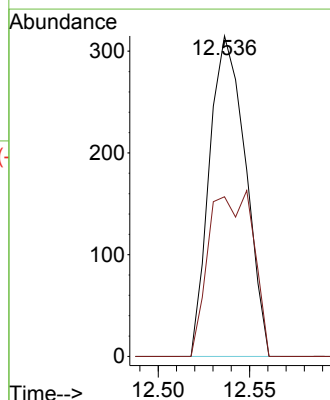
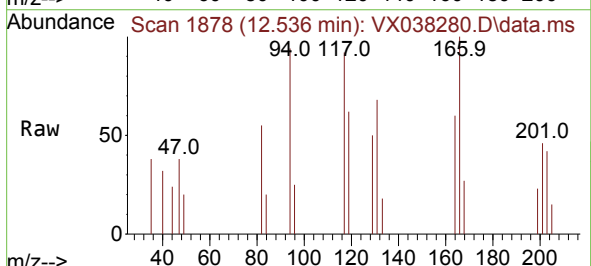
Acq: 13 Oct 2023 13:01

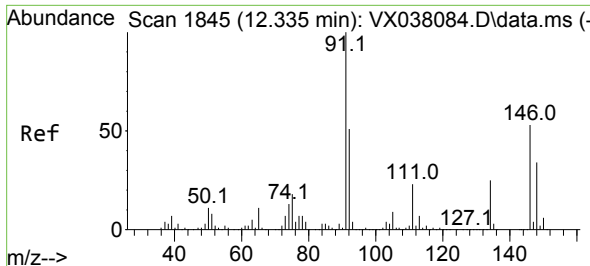
Tgt Ion: 117 Resp: 431

Ion Ratio Lower Upper

117 100

201 63.8 32.9 98.6

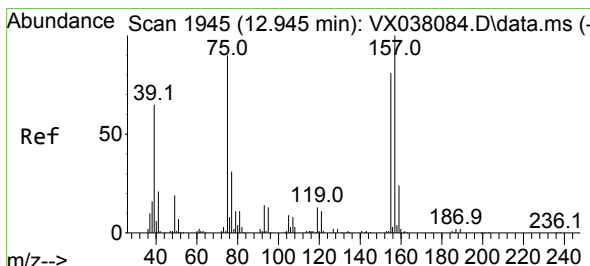
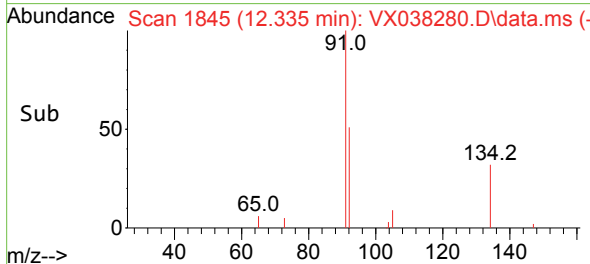
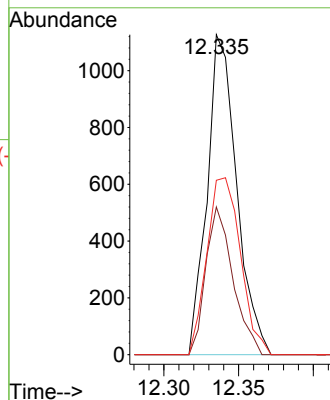
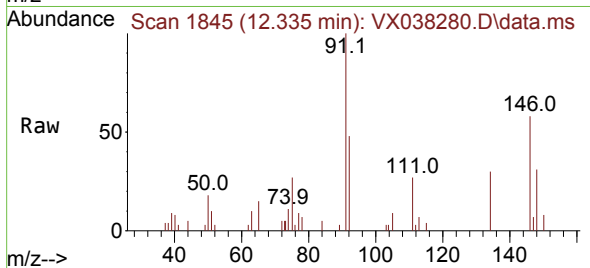




#91
1,2-Dichlorobenzene
Concen: 0.429 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

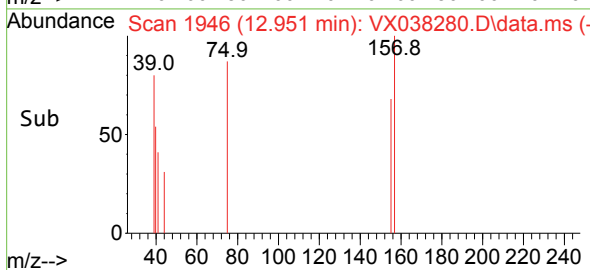
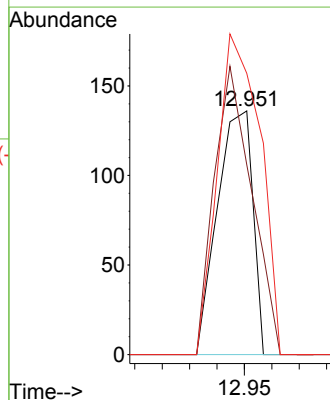
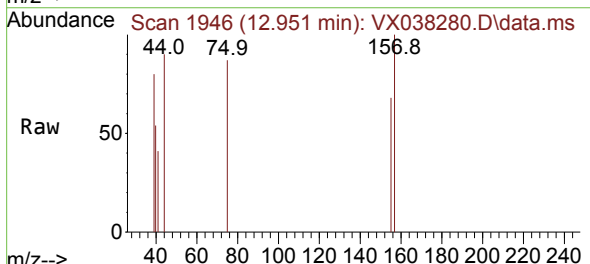
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

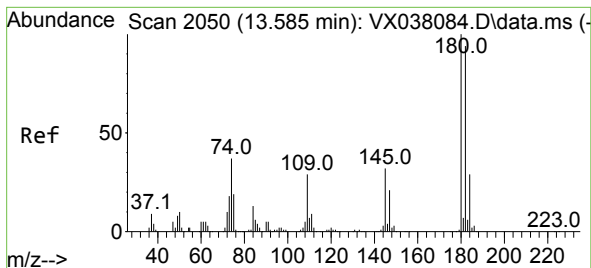
Tgt Ion:146 Resp: 1549
Ion Ratio Lower Upper
146 100
111 42.5 22.4 67.0
148 62.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.180 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX038280.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 75 Resp: 122
Ion Ratio Lower Upper
75 100
155 125.4 36.1 108.5#
157 159.8 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.447 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

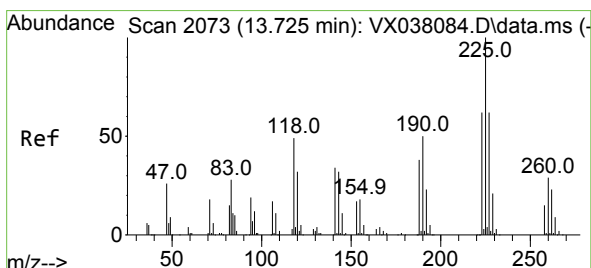
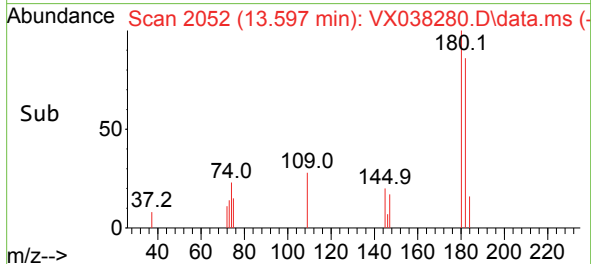
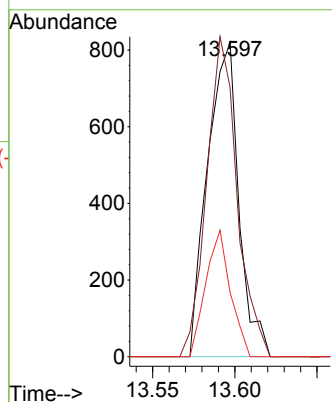
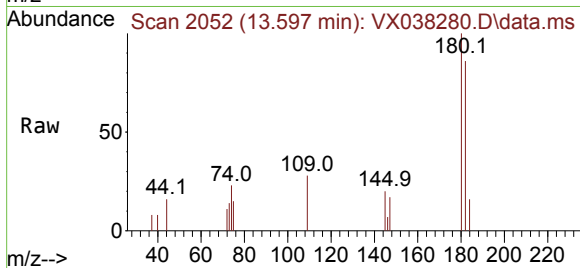
Tgt Ion:180 Resp: 1083

Ion Ratio Lower Upper

180 100

182 99.1 48.3 144.8

145 31.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.495 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

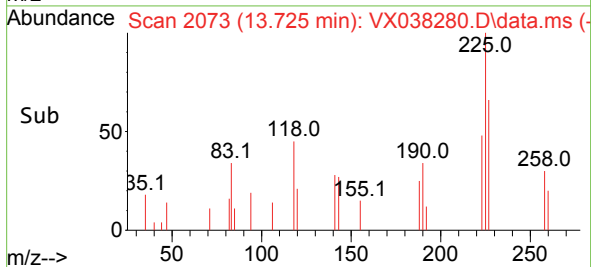
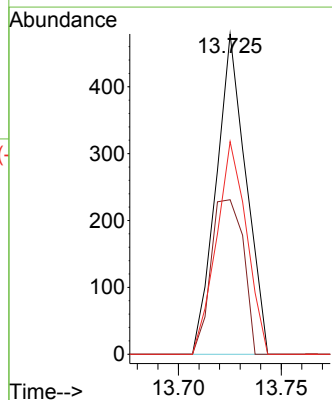
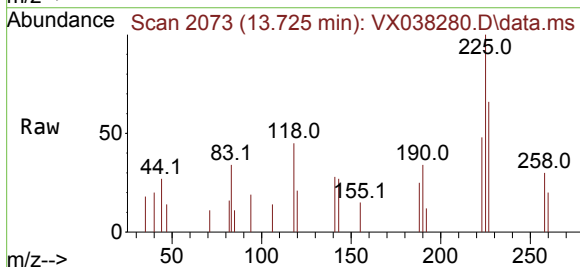
Tgt Ion:225 Resp: 482

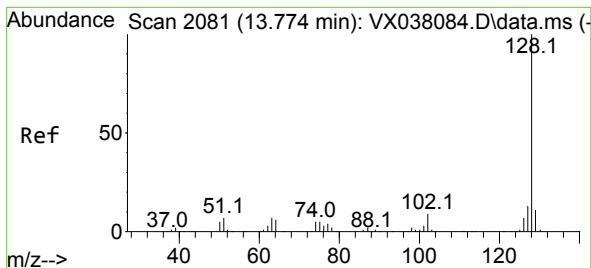
Ion Ratio Lower Upper

225 100

223 52.7 31.1 93.2

227 67.2 32.5 97.5





#95

Naphthalene

Concen: 0.347 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

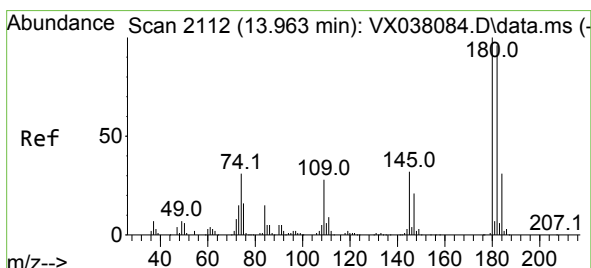
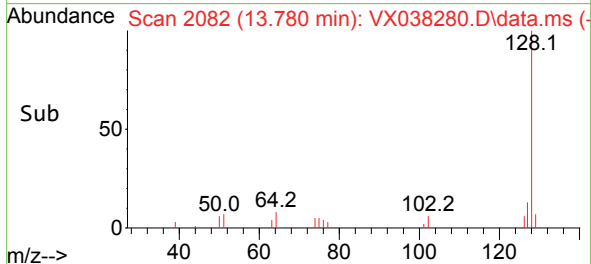
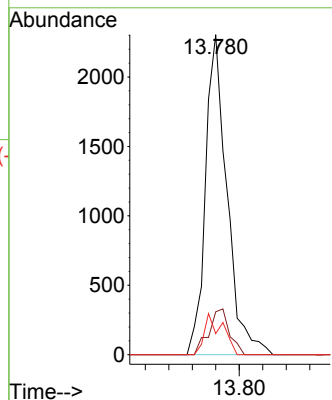
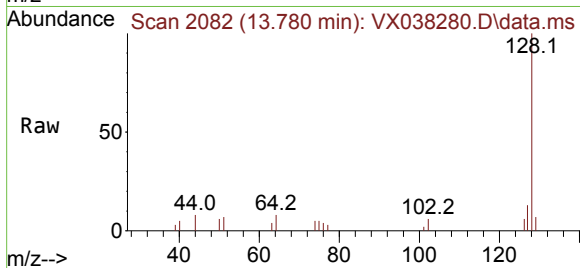
Tgt Ion:128 Resp: 2927

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.411 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038280.D

Acq: 13 Oct 2023 13:01

Tgt Ion:180 Resp: 964

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.6

145 32.8 17.8 53.5

