

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040042.D
 Acq On : 31 Jan 2024 12:50
 Operator : JC/MD
 Sample : P1187-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Feb 01 05:09:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:07:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72017	50.227	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.460%
35) Dibromofluoromethane	5.385	113	53493	48.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	8.647	98	196386	47.597	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.200%
62) 4-Bromofluorobenzene	11.079	95	67497	42.484	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	781	0.778	ug/l	89
3) Chloromethane	1.294	50	848	0.891	ug/l	99
4) Vinyl Chloride	1.374	62	771	0.876	ug/l #	79
5) Bromomethane	1.611	94	412	0.482	ug/l	83
6) Chloroethane	1.691	64	381	0.656	ug/l	95
7) Trichlorofluoromethane	1.886	101	729	0.521	ug/l #	47
8) Diethyl Ether	2.130	74	320	0.646	ug/l	54
9) 1,1,2-Trichlorotrifluo...	2.325	101	777	0.744	ug/l	94
10) Methyl Iodide	2.453	142	698	0.628	ug/l #	79
11) Tert butyl alcohol	2.953	59	1044	4.013	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	684	0.683	ug/l #	87
13) Acrolein	2.239	56	840	3.370	ug/l	95
14) Allyl chloride	2.660	41	1152	0.638	ug/l #	86
15) Acrylonitrile	3.068	53	2365	3.629	ug/l	95
16) Acetone	2.373	43	2739	4.077	ug/l	95
17) Carbon Disulfide	2.514	76	2015	0.688	ug/l #	88
18) Methyl Acetate	2.703	43	1132	0.711	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	2293	0.668	ug/l #	90
20) Methylene Chloride	2.788	84	974	0.816	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	813	0.737	ug/l	99
22) Diisopropyl ether	3.763	45	2374	0.679	ug/l #	91
23) Vinyl Acetate	3.733	43	8623	2.754	ug/l	100
24) 1,1-Dichloroethane	3.611	63	1561	0.779	ug/l #	83
25) 2-Butanone	4.580	43	3316	3.551	ug/l	91
26) 2,2-Dichloropropane	4.477	77	1197	0.766	ug/l	82
27) cis-1,2-Dichloroethene	4.495	96	1002	0.814	ug/l	85
28) Bromochloromethane	4.885	49	617	0.660	ug/l #	16
29) Tetrahydrofuran	5.013	42	1863	3.137	ug/l #	69
30) Chloroform	5.105	83	1471	0.684	ug/l	97
31) Cyclohexane	5.470	56	1117	0.622	ug/l #	87
32) 1,1,1-Trichloroethane	5.379	97	1232	0.667	ug/l #	37
36) 1,1-Dichloropropene	5.702	75	1077	0.675	ug/l	97
37) Ethyl Acetate	4.727	43	808	0.464	ug/l #	69
38) Carbon Tetrachloride	5.684	117	941	0.616	ug/l #	79
39) Methylcyclohexane	7.385	83	1166	0.601	ug/l #	81
40) Benzene	6.050	78	3234	0.696	ug/l #	87

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	385	0.436	ug/l #	41
42) 1,2-Dichloroethane	6.086	62	1474	0.824	ug/l #	77
43) Isopropyl Acetate	6.360	43	1752	0.638	ug/l #	69
44) Trichloroethene	7.123	130	861	0.704	ug/l	77
45) 1,2-Dichloropropane	7.446	63	1048	0.854	ug/l	98
46) Dibromomethane	7.586	93	621	0.674	ug/l	92
47) Bromodichloromethane	7.824	83	1209	0.737	ug/l #	74
48) Methyl methacrylate	7.708	41	940	0.694	ug/l	91
49) 1,4-Dioxane	7.677	88	297	10.096	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	6462	3.445	ug/l	92
52) Toluene	8.720	92	2020	0.697	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	994	0.584	ug/l #	69
54) cis-1,3-Dichloropropene	8.372	75	1105	0.609	ug/l #	79
55) 1,1,2-Trichloroethane	9.153	97	861	0.718	ug/l #	84
56) Ethyl methacrylate	9.122	69	1026	0.586	ug/l #	85
57) 1,3-Dichloropropane	9.305	76	1249	0.632	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	2504	2.844	ug/l	95
59) 2-Hexanone	9.433	43	4365	2.918	ug/l	94
60) Dibromochloromethane	9.518	129	691	0.574	ug/l	93
61) 1,2-Dibromoethane	9.622	107	842	0.650	ug/l	93
64) Tetrachloroethene	9.275	164	765	0.848	ug/l	90
65) Chlorobenzene	10.073	112	2007	0.700	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.165	131	571	0.590	ug/l #	59
67) Ethyl Benzene	10.195	91	3114	0.606	ug/l	97
68) m/p-Xylenes	10.305	106	2188	1.131	ug/l	80
69) o-Xylene	10.640	106	1190	0.648	ug/l	95
70) Styrene	10.665	104	2096	0.678	ug/l	94
71) Bromoform	10.799	173	424	0.572	ug/l #	86
73) Isopropylbenzene	10.963	105	2811	0.626	ug/l	90
74) N-amyl acetate	10.847	43	1238	0.606	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	1295	0.767	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	1253	0.941	ug/l	85
77) Bromobenzene	11.201	156	763	0.737	ug/l	88
78) n-propylbenzene	11.305	91	3655	0.661	ug/l	99
79) 2-Chlorotoluene	11.366	91	2260	0.679	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	2277	0.590	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	36279	84.880	ug/l #	5
82) 4-Chlorotoluene	11.457	91	2903	0.760	ug/l	96
83) tert-Butylbenzene	11.713	119	2230	0.604	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	2234	0.580	ug/l	99
85) sec-Butylbenzene	11.890	105	3293	0.673	ug/l	100
86) p-Isopropyltoluene	12.006	119	2688	0.673	ug/l	89
87) 1,3-Dichlorobenzene	11.969	146	1675	0.802	ug/l	97
88) 1,4-Dichlorobenzene	11.969	146	1675	0.783	ug/l	96
89) n-Butylbenzene	12.335	91	2166	0.558	ug/l	97
90) Hexachloroethane	12.536	117	372	0.589	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	1467	0.728	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.951	75	207	0.541	ug/l #	69
93) 1,2,4-Trichlorobenzene	13.591	180	752	0.597	ug/l	93
94) Hexachlorobutadiene	13.731	225	311	0.627	ug/l	84
95) Naphthalene	13.780	128	2471	0.578	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.969	180	677	0.544	ug/l	80

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ClientSampleId :
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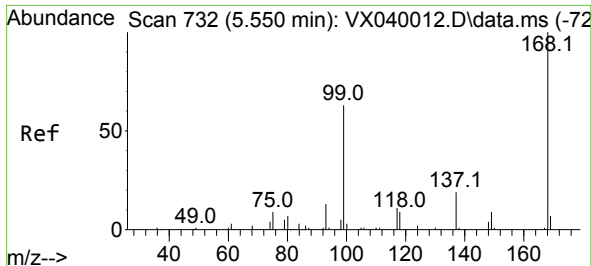
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Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:07:23 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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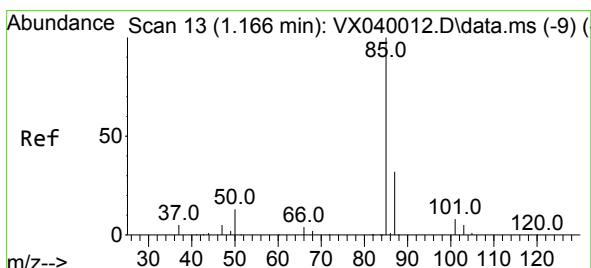
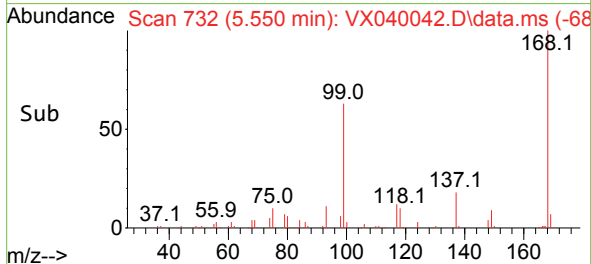
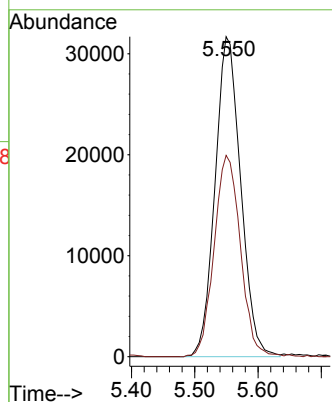
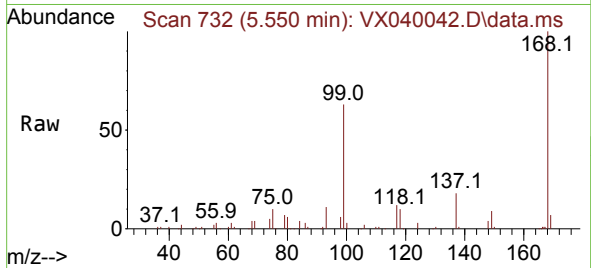




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040042.D
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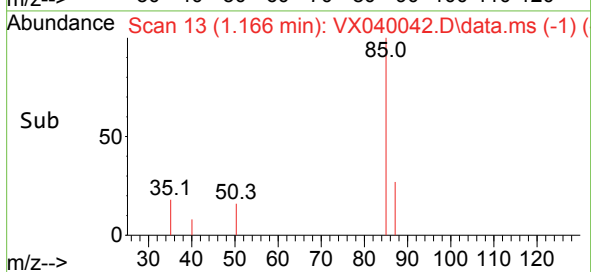
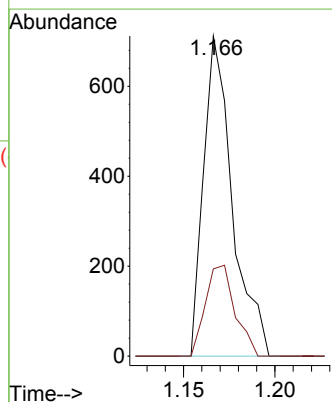
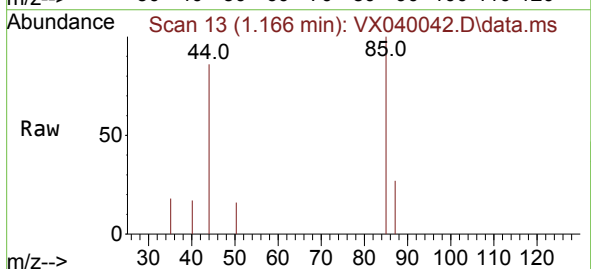
Instrument :
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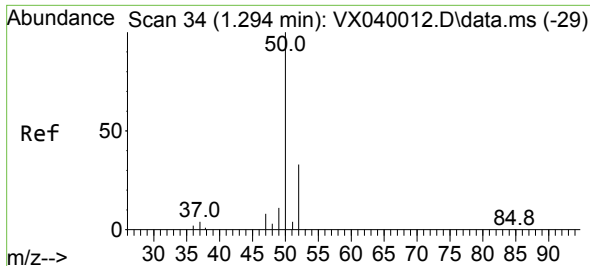
Tgt Ion:168 Resp: 89093
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.778 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 85 Resp: 781
Ion Ratio Lower Upper
85 100
87 27.2 16.7 50.1

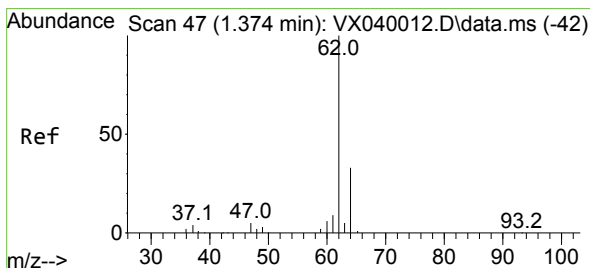
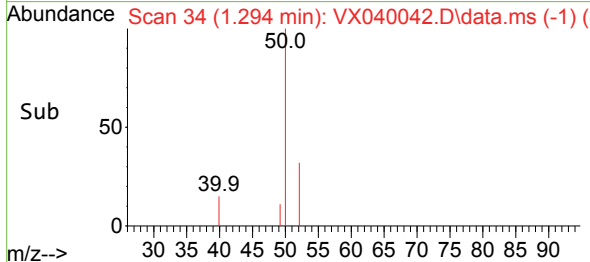
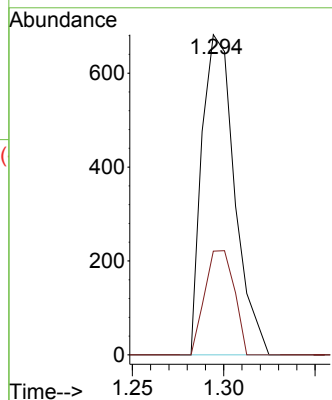
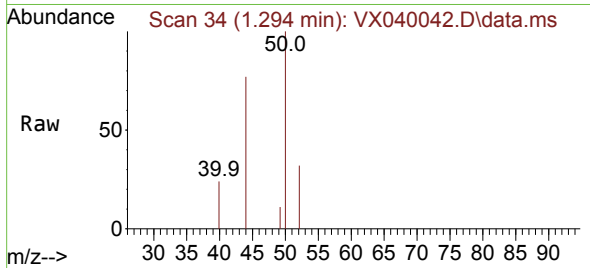




#3
Chloromethane
Concen: 0.891 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

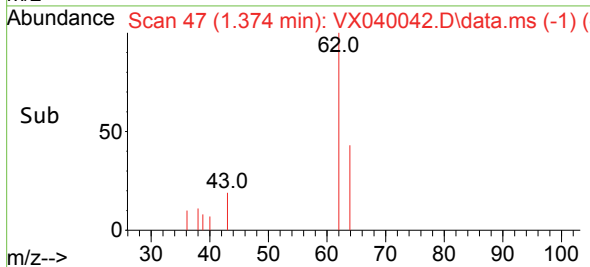
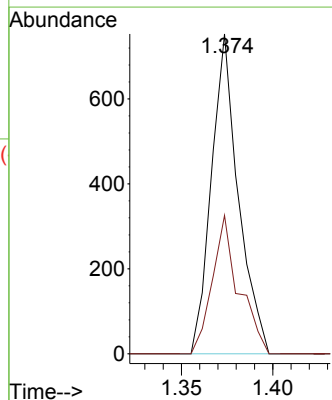
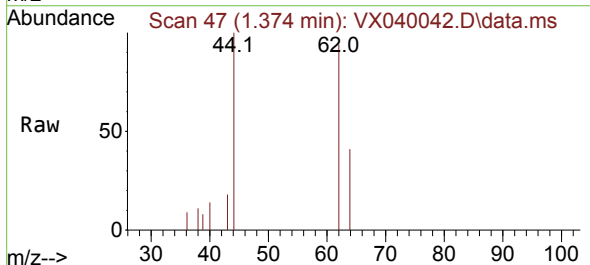
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024

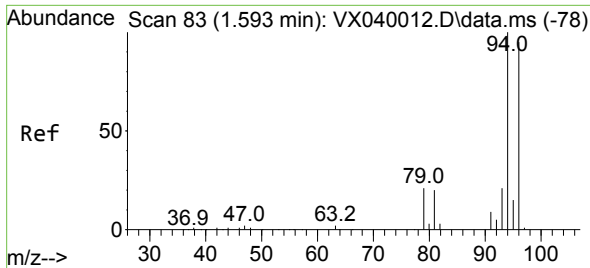
Tgt Ion: 50 Resp: 848
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 0.876 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 62 Resp: 771
Ion Ratio Lower Upper
62 100
64 43.3 25.4 38.0#

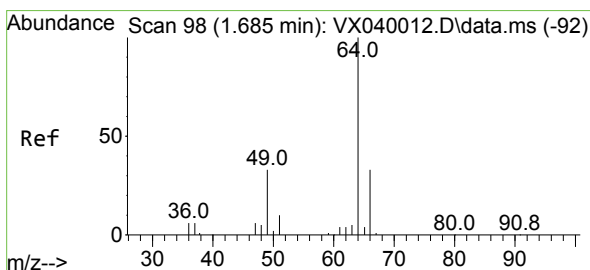
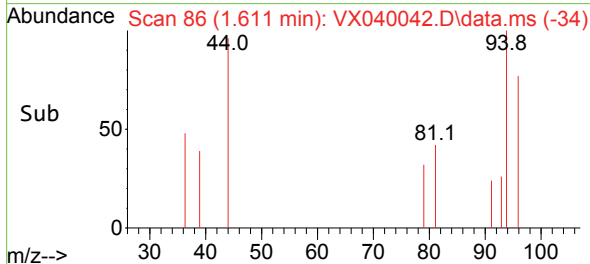
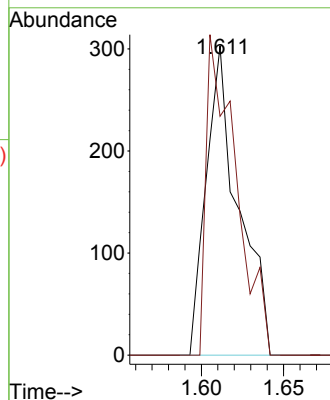
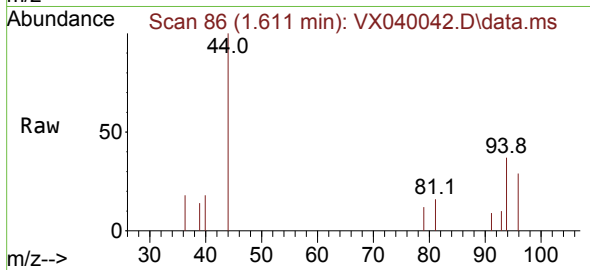




#5
Bromomethane
Concen: 0.482 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

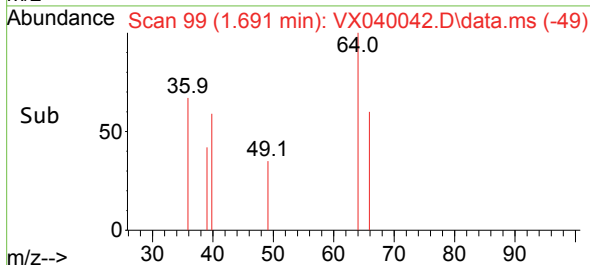
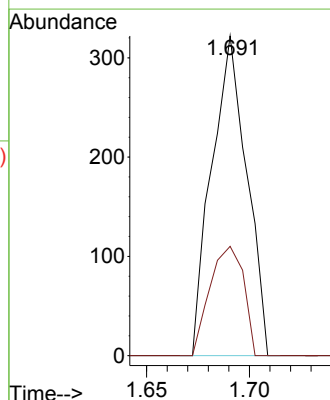
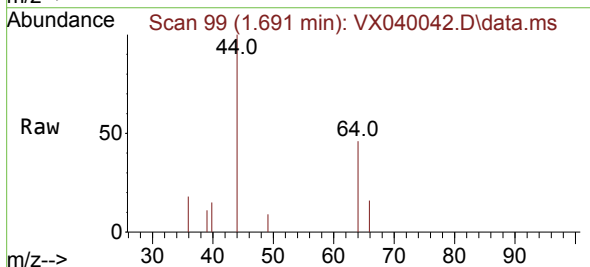
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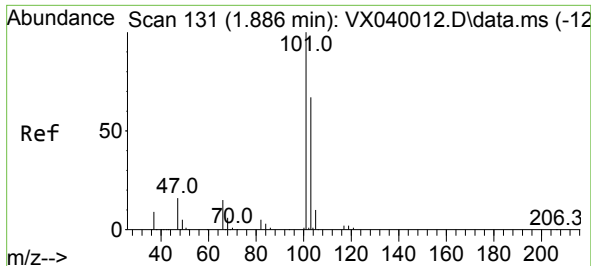
Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 77.2 74.6 111.8



#6
Chloroethane
Concen: 0.656 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 64 Resp: 381
Ion Ratio Lower Upper
64 100
66 34.2 25.1 37.7

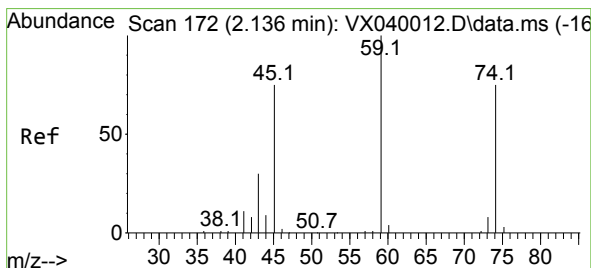
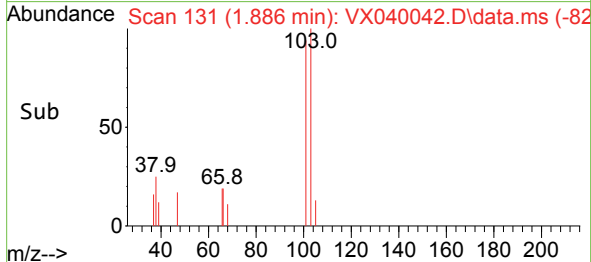
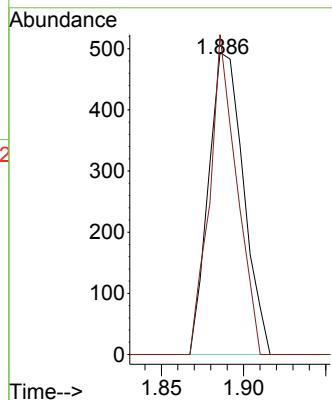
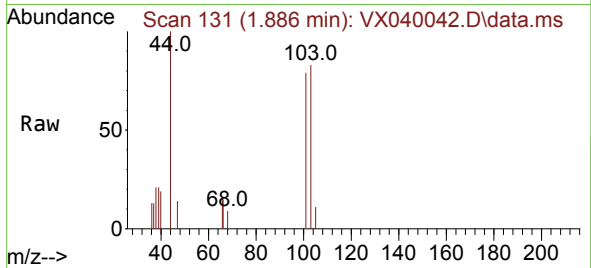




#7
Trichlorofluoromethane
Concen: 0.521 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

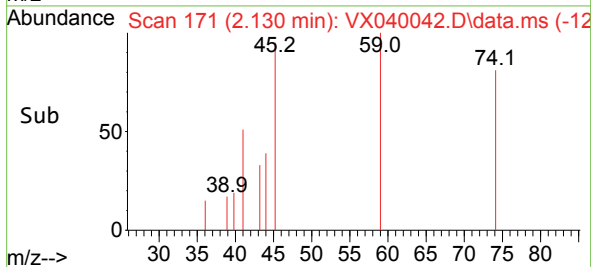
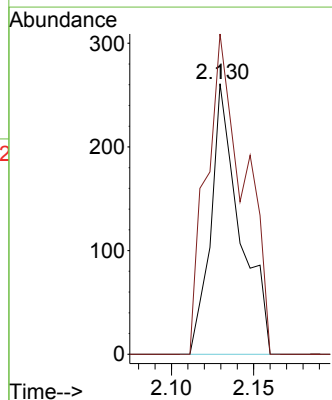
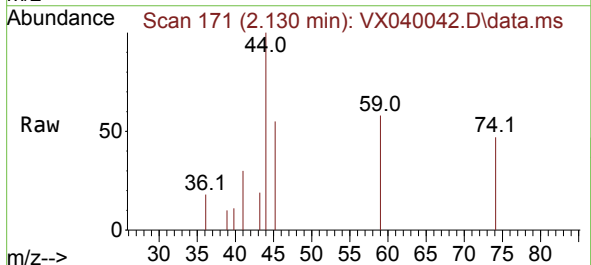
Instrument :
MSVOA_X
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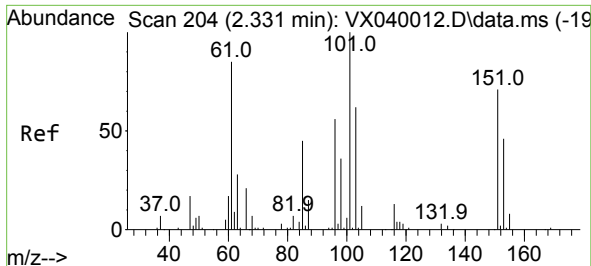
Tgt Ion:101 Resp: 729
Ion Ratio Lower Upper
101 100
103 105.9 51.4 77.2#



#8
Diethyl Ether
Concen: 0.646 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 74 Resp: 320
Ion Ratio Lower Upper
74 100
45 153.8 53.3 159.8

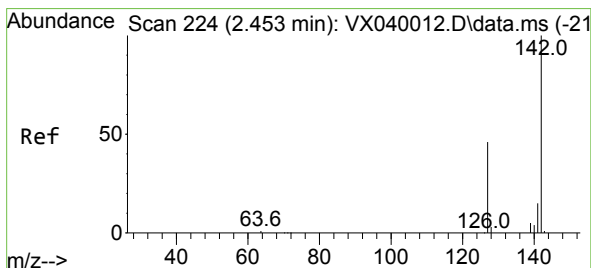
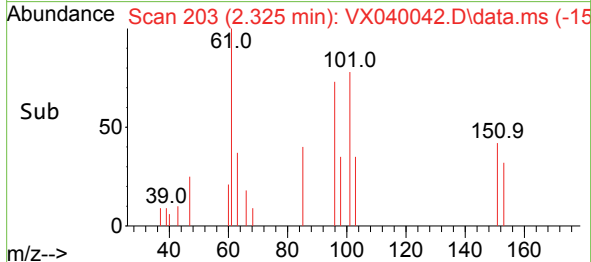
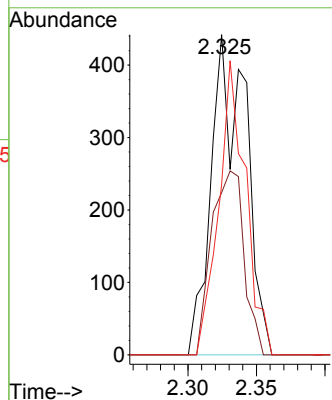
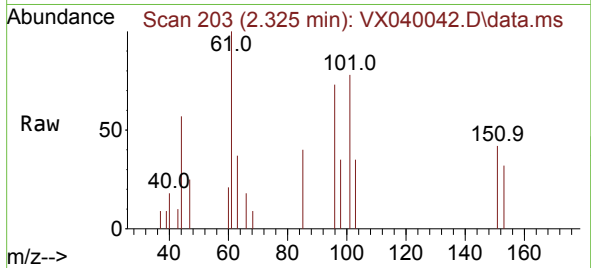




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.744 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

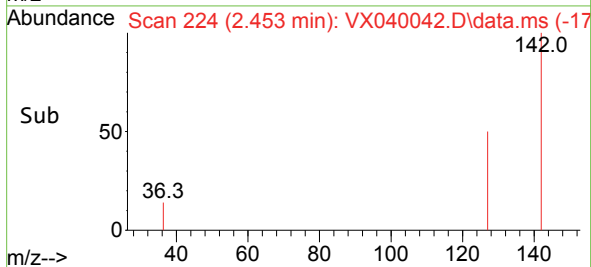
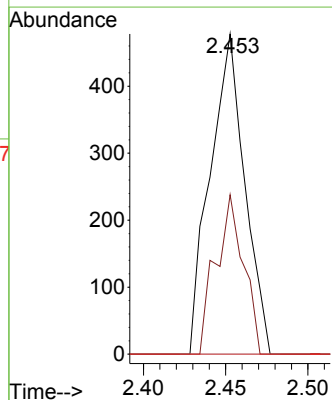
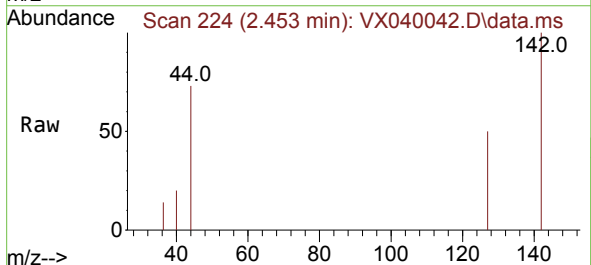
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

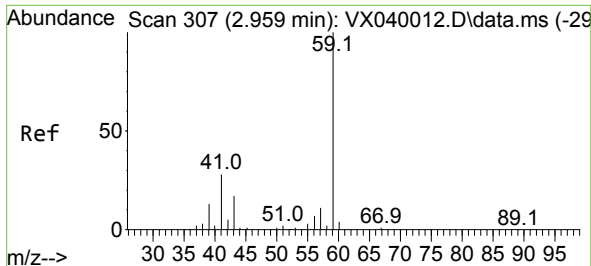
Tgt Ion:101 Resp: 777
Ion Ratio Lower Upper
101 100
85 53.8 37.0 55.6
151 71.2 58.6 87.8



#10
Methyl Iodide
Concen: 0.628 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion:142 Resp: 698
Ion Ratio Lower Upper
142 100
127 40.1 41.6 62.4#
141 0.0 11.6 17.4#

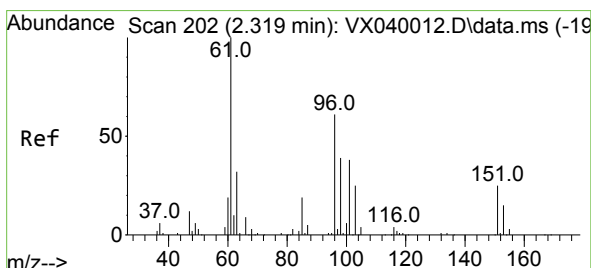
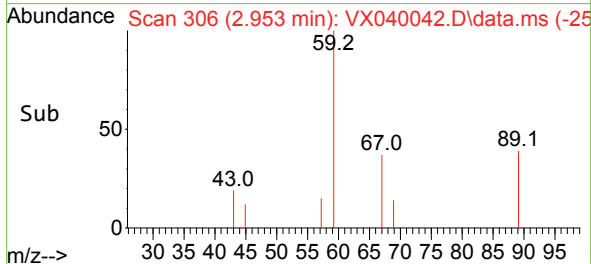
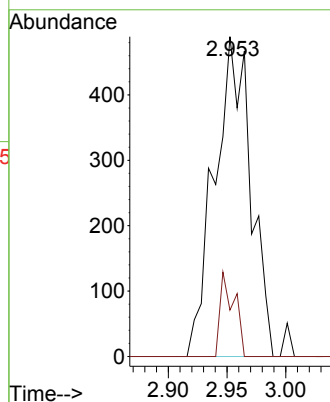
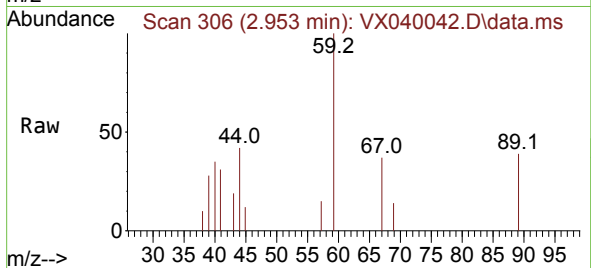




#11
Tert butyl alcohol
Concen: 4.013 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

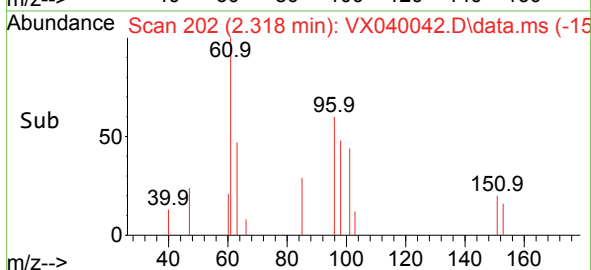
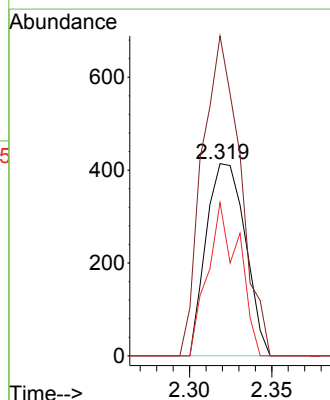
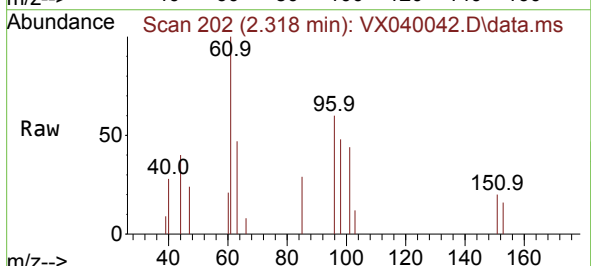
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

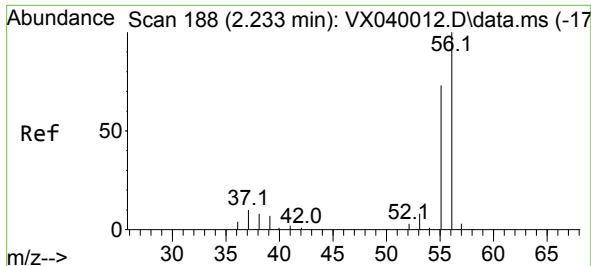
Tgt Ion: 59 Resp: 1044
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.683 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 96 Resp: 684
Ion Ratio Lower Upper
96 100
61 166.4 144.6 216.8
98 79.7 50.4 75.6#





#13

Acrolein

Concen: 3.370 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

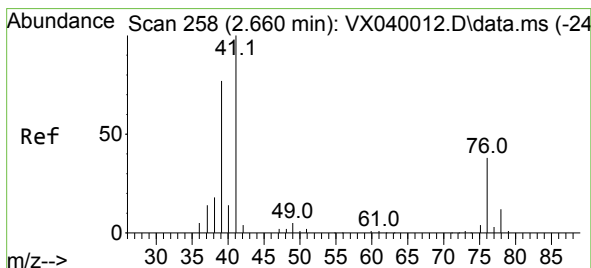
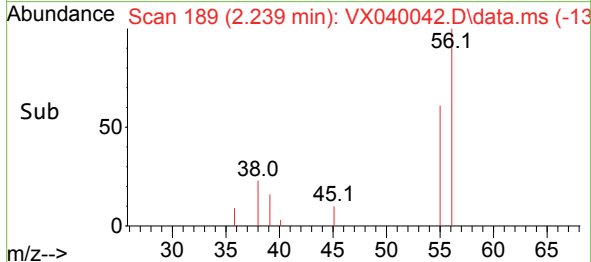
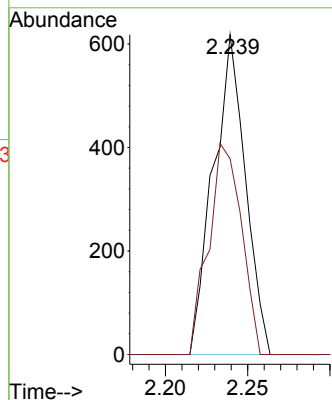
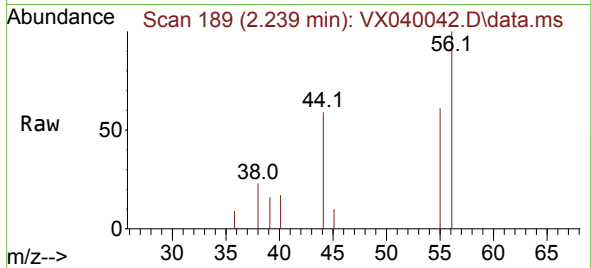
MDL-WATER-03-QT1-2024

Tgt Ion: 56 Resp: 840

Ion Ratio Lower Upper

56 100

55 67.6 57.1 85.7



#14

Allyl chloride

Concen: 0.638 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

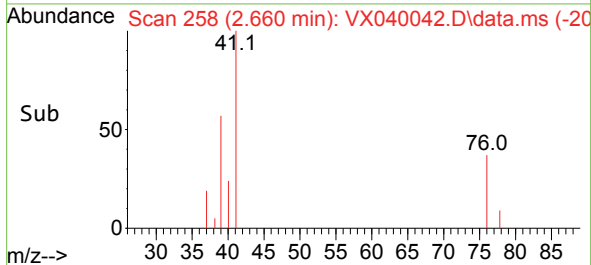
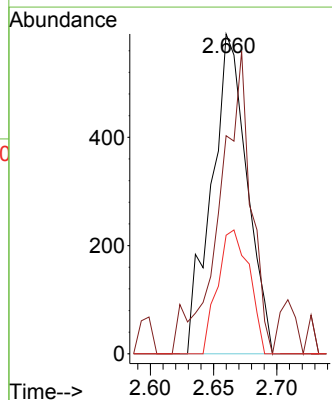
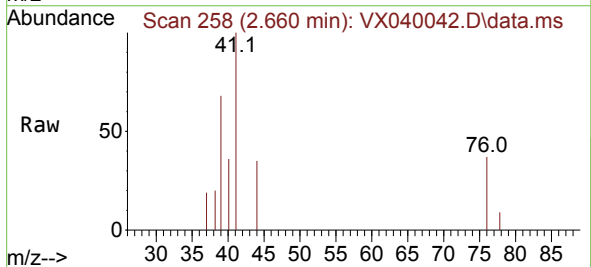
Tgt Ion: 41 Resp: 1152

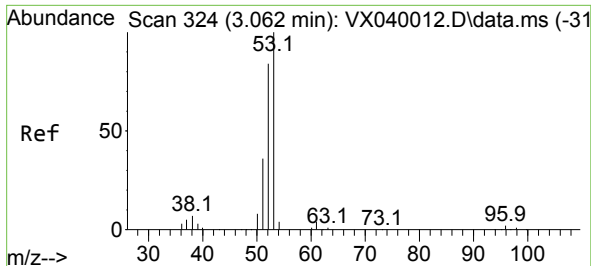
Ion Ratio Lower Upper

41 100

39 83.9 55.8 83.6#

76 34.5 24.3 36.5





#15

Acrylonitrile

Concen: 3.629 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

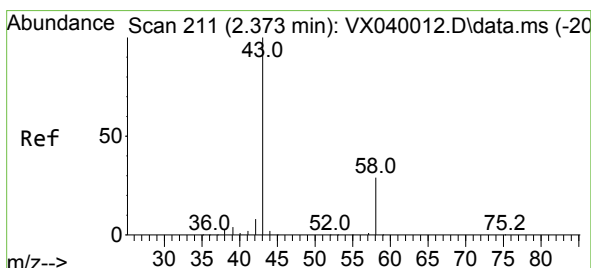
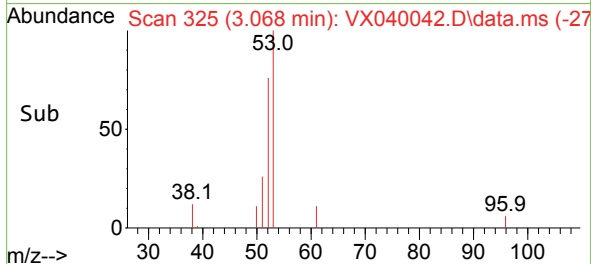
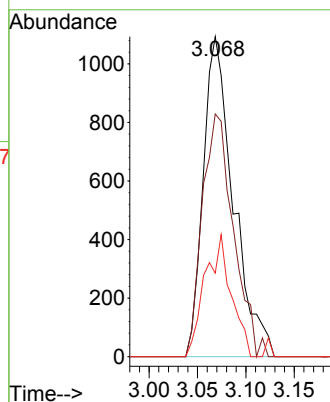
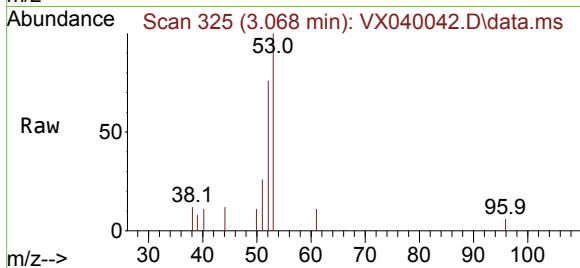
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 53	Resp:	2365
Ion	Ratio	Lower Upper
53	100	
52	78.4	66.0 99.0
51	33.2	29.8 44.6



#16

Acetone

Concen: 4.077 ug/l

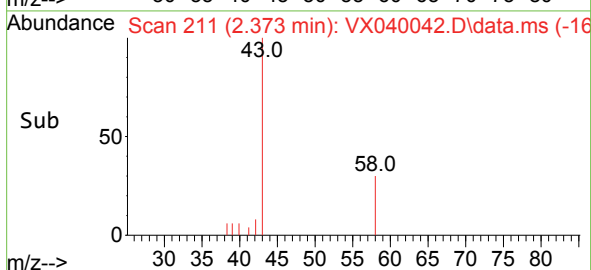
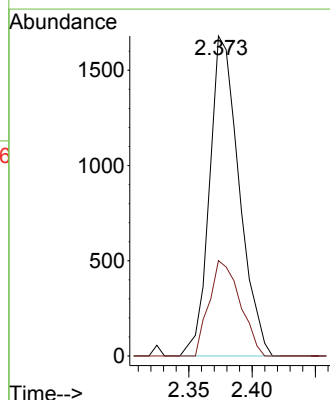
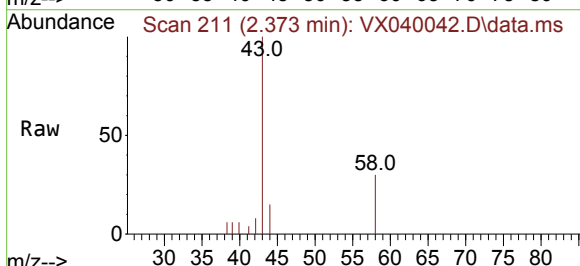
RT: 2.373 min Scan# 211

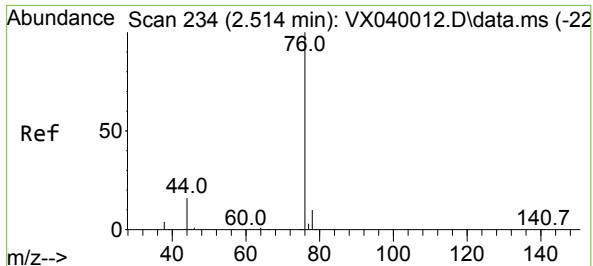
Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion: 43	Resp:	2739
Ion	Ratio	Lower Upper
43	100	
58	29.8	21.9 32.9

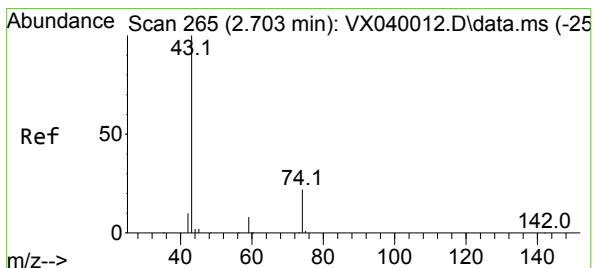
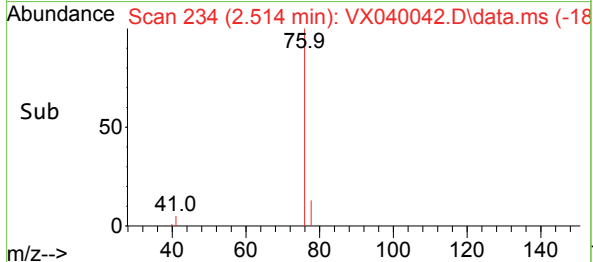
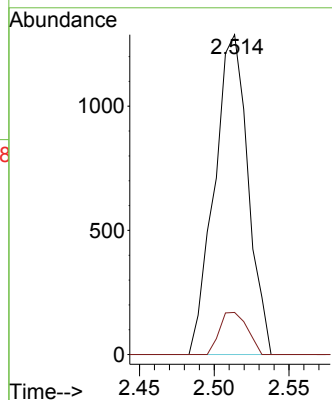
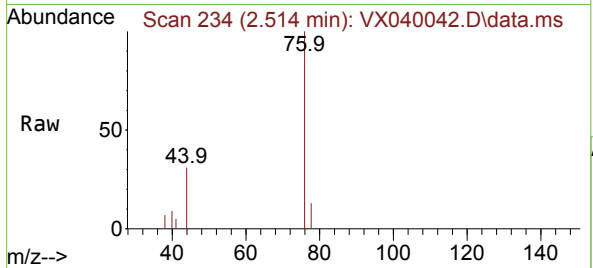




#17
Carbon Disulfide
Concen: 0.688 ug/l
RT: 2.514 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

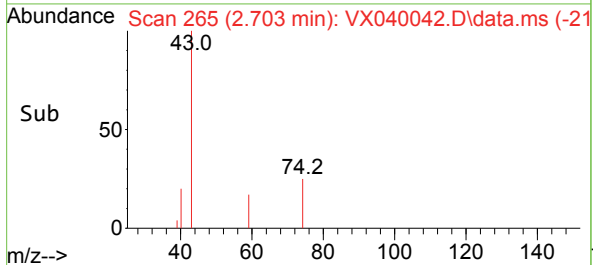
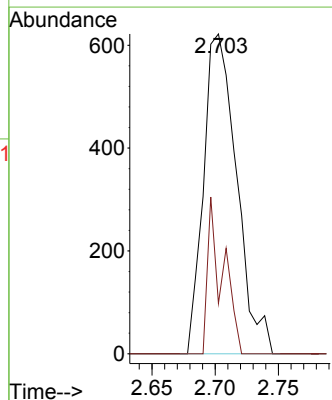
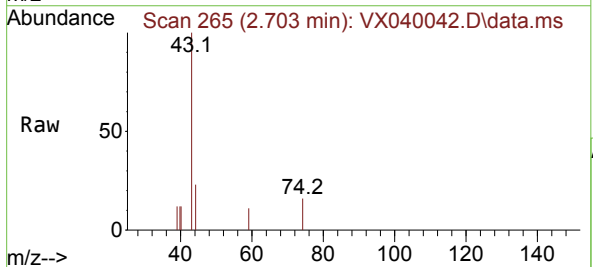
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

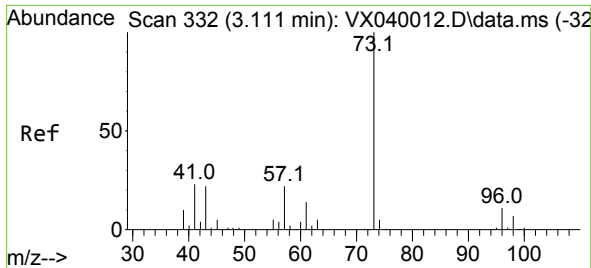
Tgt Ion: 76 Resp: 2015
Ion Ratio Lower Upper
76 100
78 13.2 7.0 10.6#



#18
Methyl Acetate
Concen: 0.711 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8

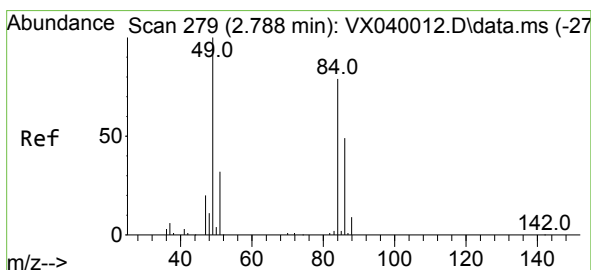
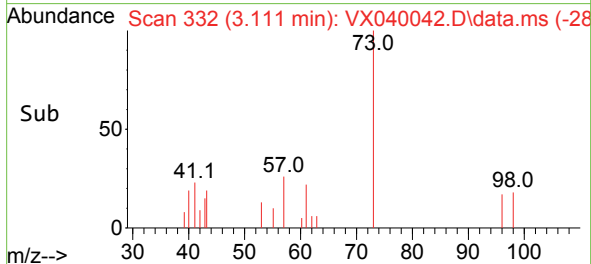
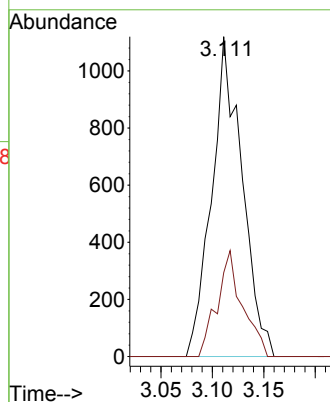
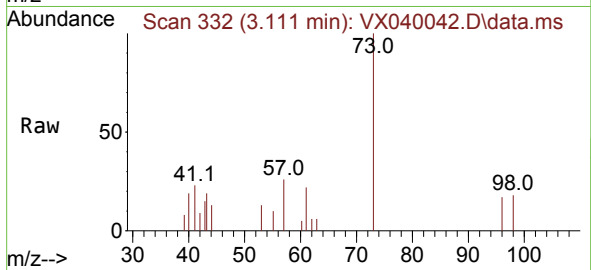




#19
Methyl tert-butyl Ether
Concen: 0.668 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

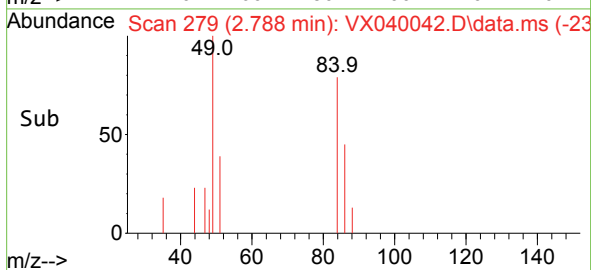
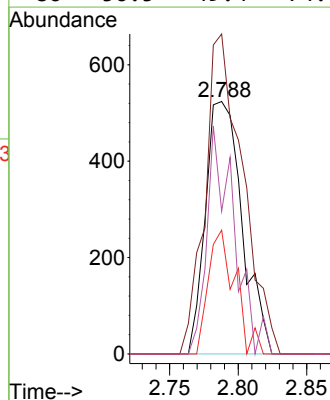
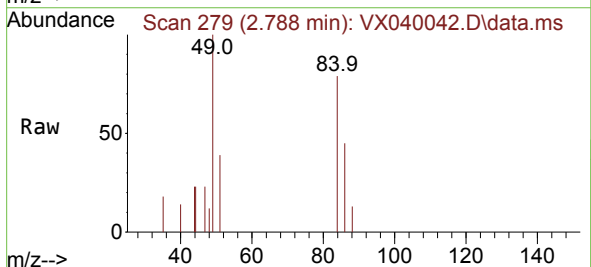
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

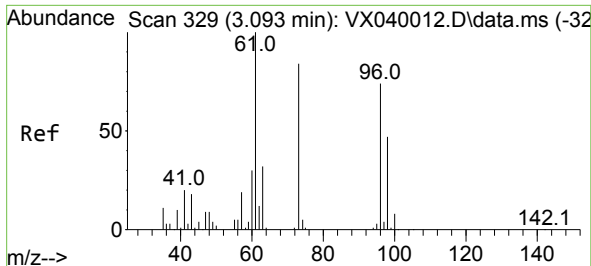
Tgt Ion: 73 Resp: 2293
Ion Ratio Lower Upper
73 100
57 26.3 17.3 25.9#



#20
Methylene Chloride
Concen: 0.816 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 84 Resp: 974
Ion Ratio Lower Upper
84 100
49 126.7 103.6 155.4
51 49.0 33.8 50.6
86 56.5 49.4 74.0

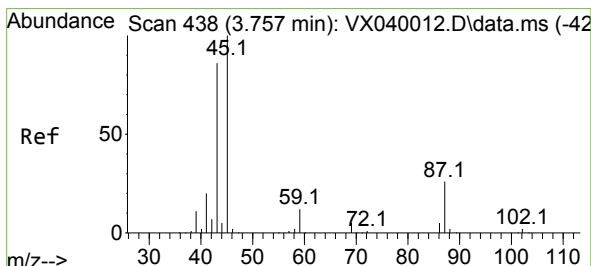
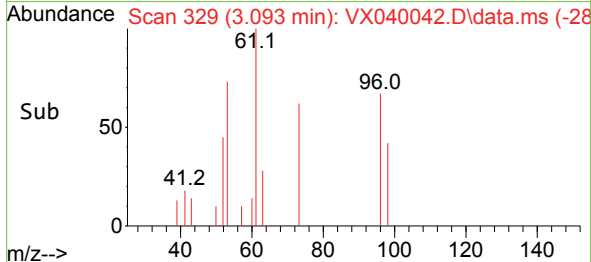
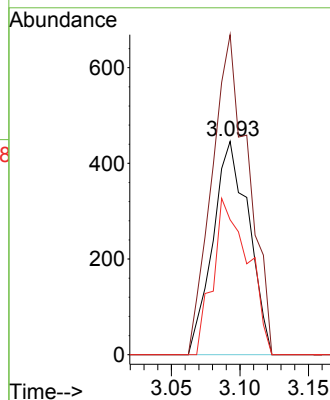
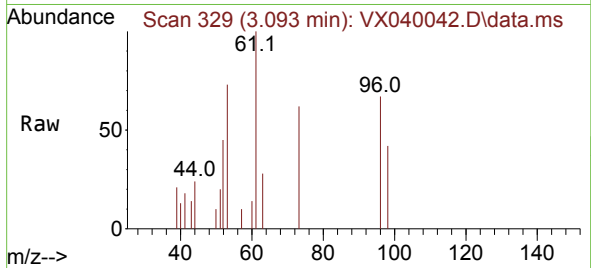




#21
trans-1,2-Dichloroethene
Concen: 0.737 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

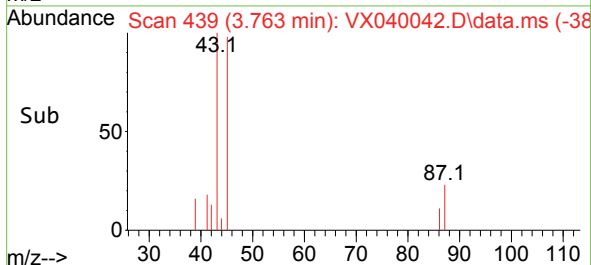
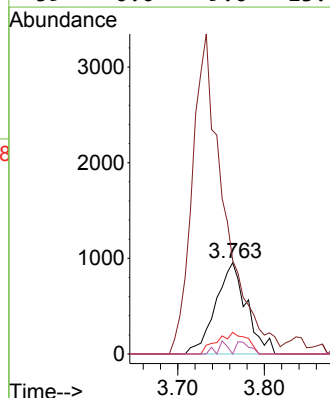
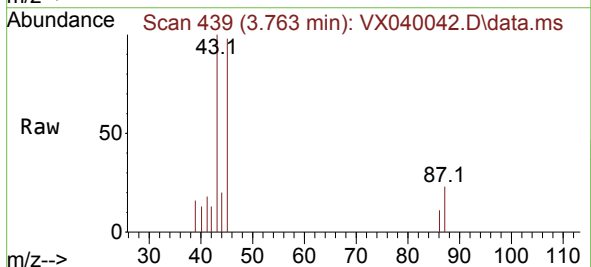
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

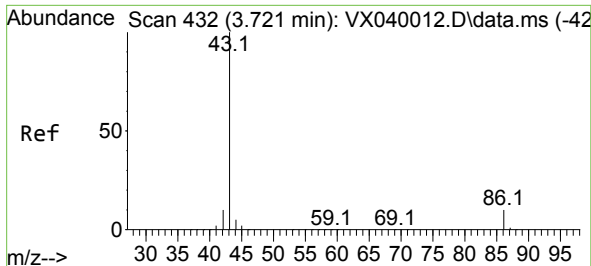
Tgt Ion: 96 Resp: 813
Ion Ratio Lower Upper
96 100
61 150.0 119.2 178.8
98 63.2 48.7 73.1



#22
Diisopropyl ether
Concen: 0.679 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 45 Resp: 2374
Ion Ratio Lower Upper
45 100
43 94.4 69.7 104.5
87 23.8 20.8 31.2
59 0.0 9.0 13.4

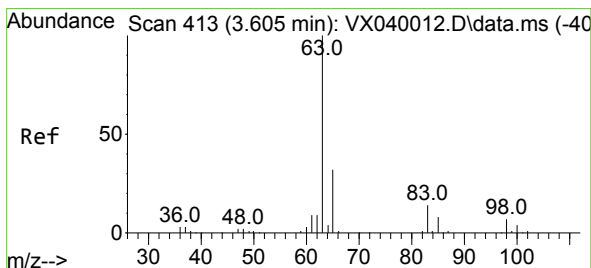
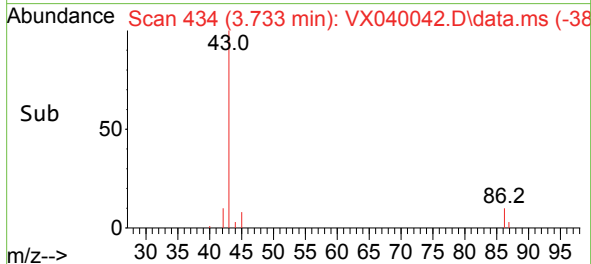
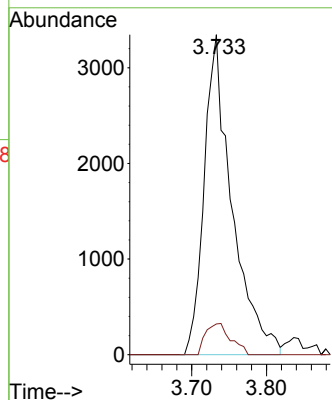
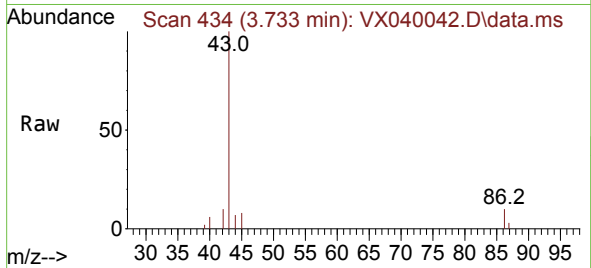




#23
 Vinyl Acetate
 Concen: 2.754 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX040042.D
 Acq: 31 Jan 2024 12:50

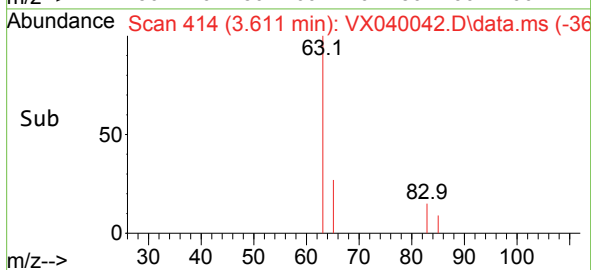
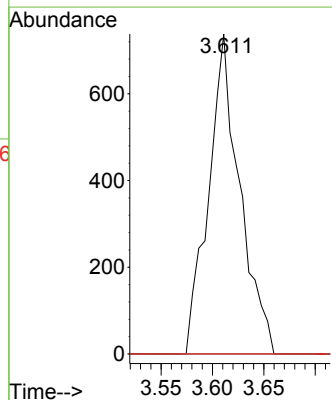
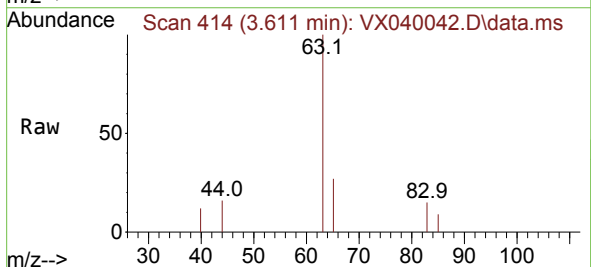
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2024

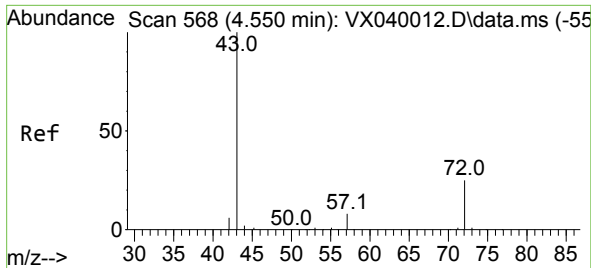
Tgt Ion: 43 Resp: 8623
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 0.779 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040042.D
 Acq: 31 Jan 2024 12:50

Tgt Ion: 63 Resp: 1561
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#

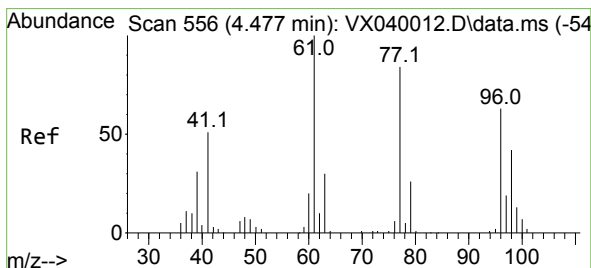
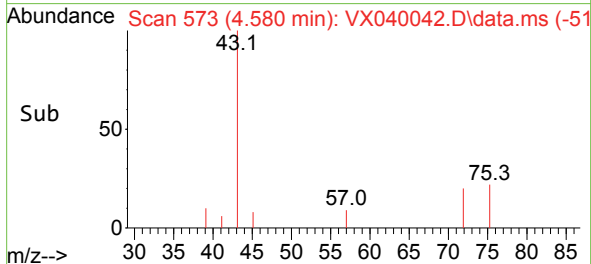
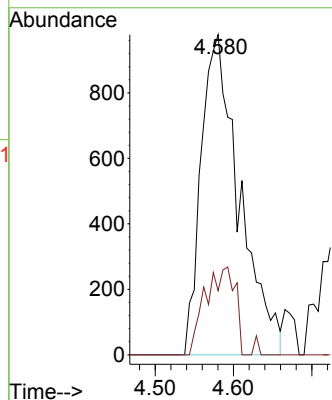
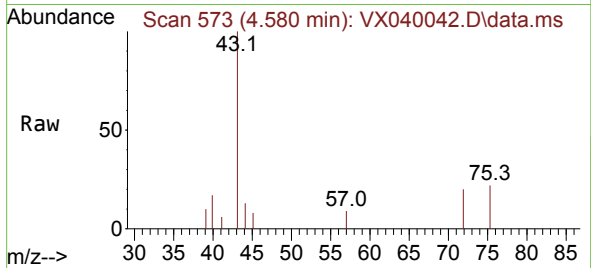




#25
2-Butanone
Concen: 3.551 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

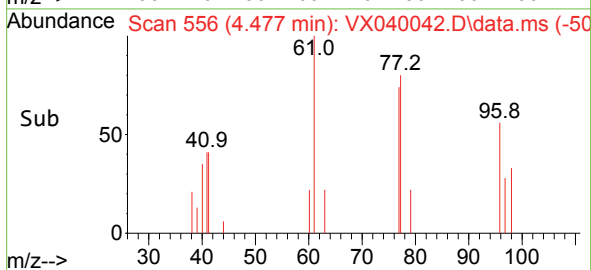
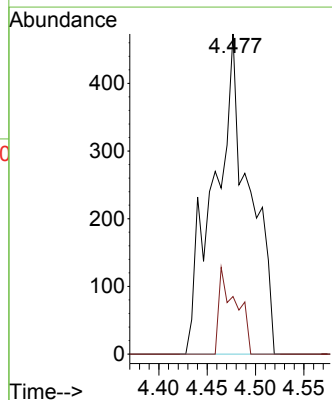
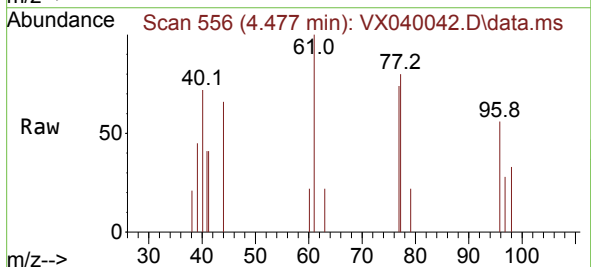
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

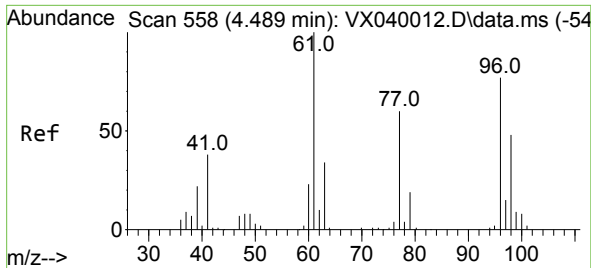
Tgt Ion: 43 Resp: 3316
Ion Ratio Lower Upper
43 100
72 20.0 19.4 29.2



#26
2,2-Dichloropropane
Concen: 0.766 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 77 Resp: 1197
Ion Ratio Lower Upper
77 100
97 13.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.814 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

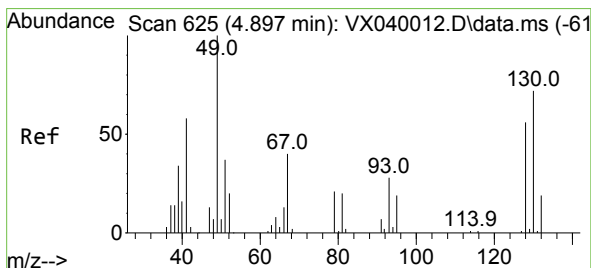
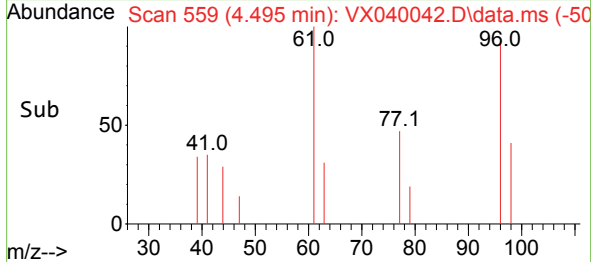
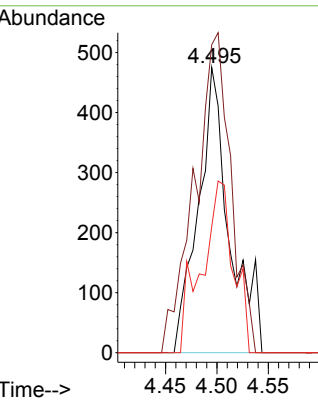
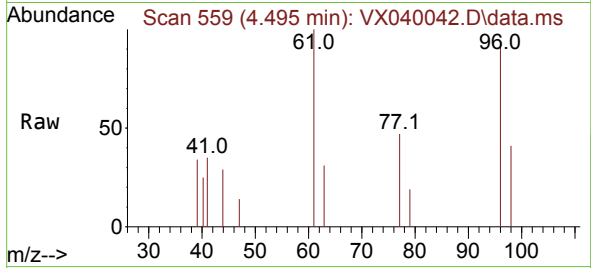
Tgt Ion: 96 Resp: 1002

Ion Ratio Lower Upper

96 100

61 130.0 0.0 312.2

98 61.5 0.0 129.0



#28

Bromochloromethane

Concen: 0.660 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

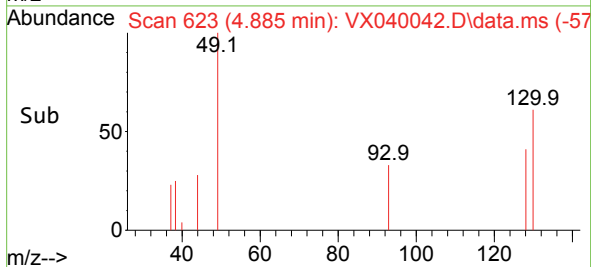
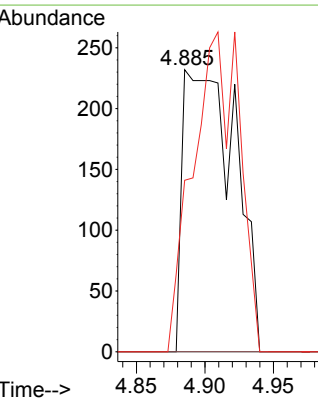
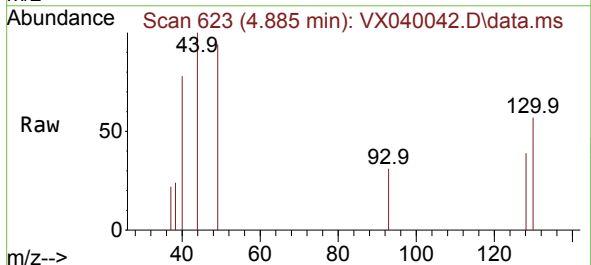
Tgt Ion: 49 Resp: 617

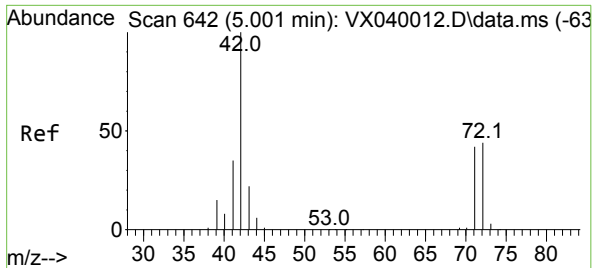
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 57.5 86.3#





#29

Tetrahydrofuran

Concen: 3.137 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

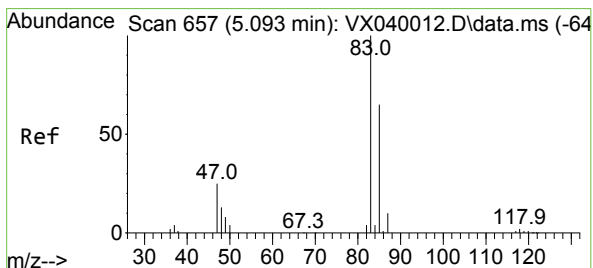
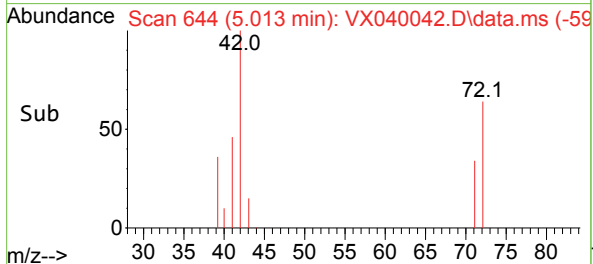
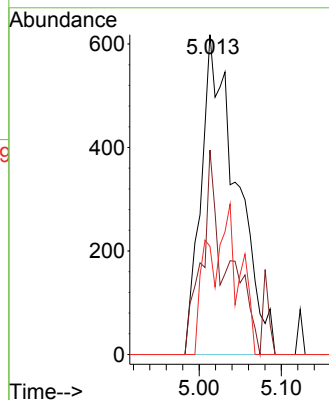
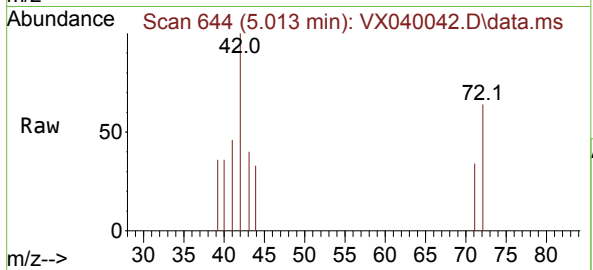
Tgt Ion: 42 Resp: 1863

Ion Ratio Lower Upper

42 100

72 30.1 34.2 51.4#

71 14.0 32.2 48.2#



#30

Chloroform

Concen: 0.684 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.012 min

Lab File: VX040042.D

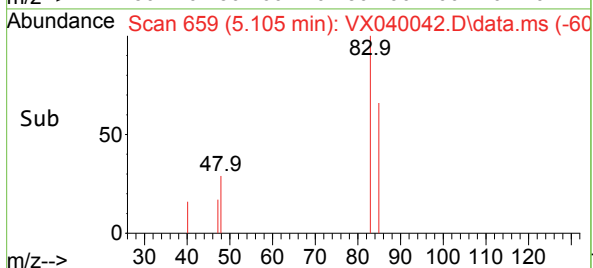
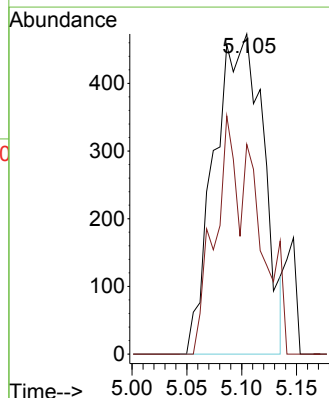
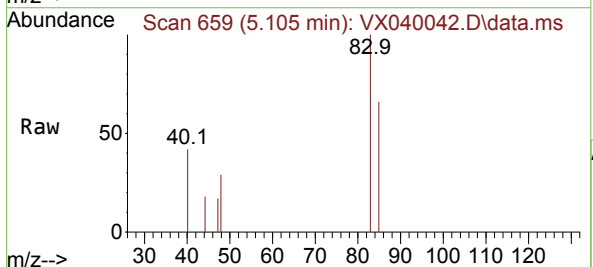
Acq: 31 Jan 2024 12:50

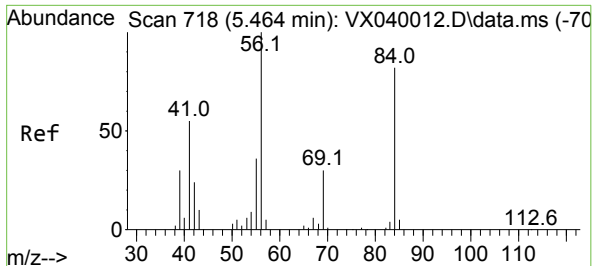
Tgt Ion: 83 Resp: 1471

Ion Ratio Lower Upper

83 100

85 65.5 50.3 75.5

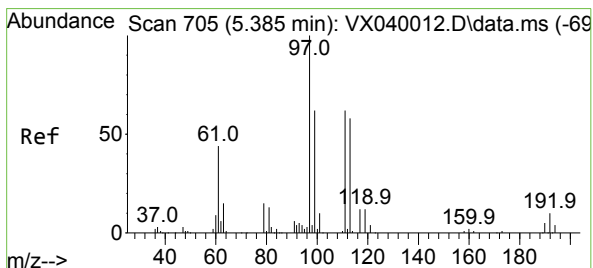
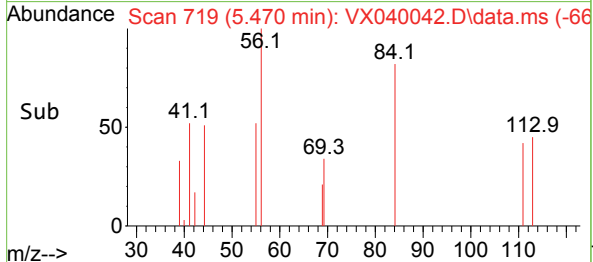
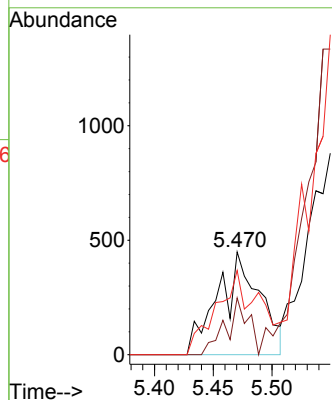
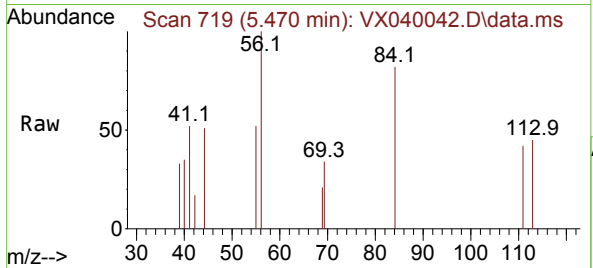




#31
Cyclohexane
Concen: 0.622 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

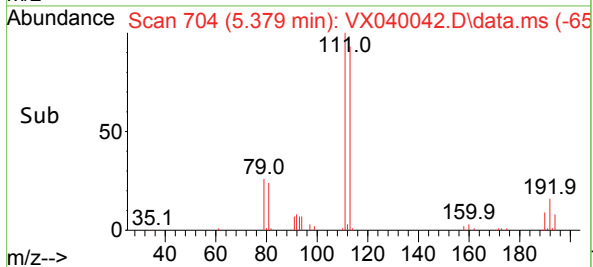
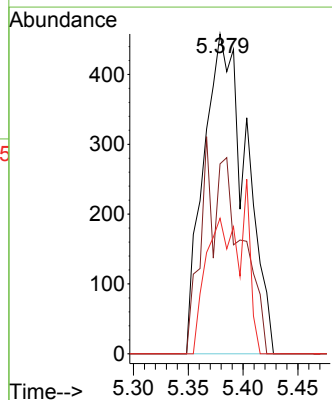
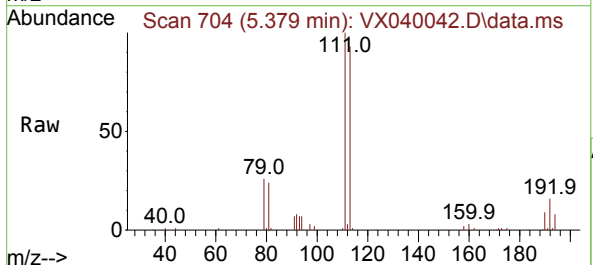
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

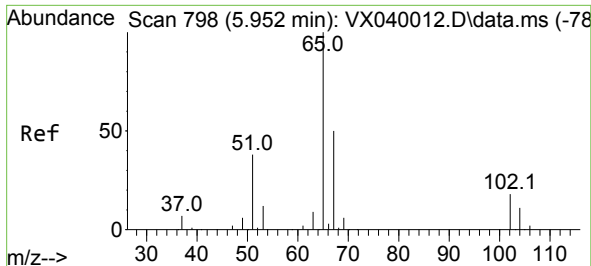
Tgt Ion: 56 Resp: 1117
Ion Ratio Lower Upper
56 100
69 55.2 23.4 35.2#
84 82.0 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 0.667 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 97 Resp: 1232
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 22.0 36.4 54.6#





#33

1,2-Dichloroethane-d4

Concen: 50.227 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

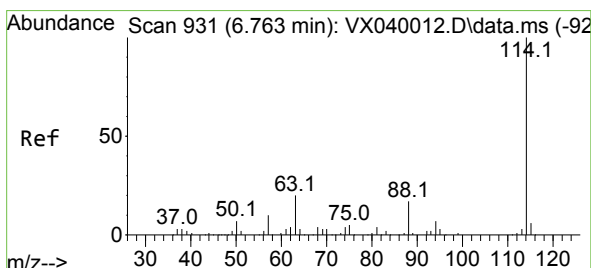
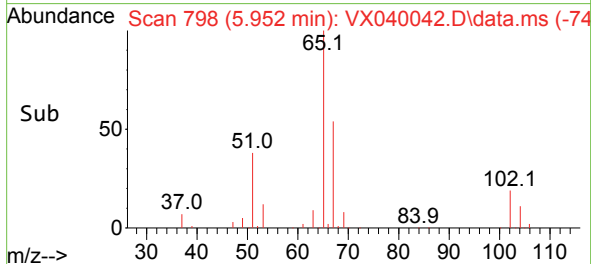
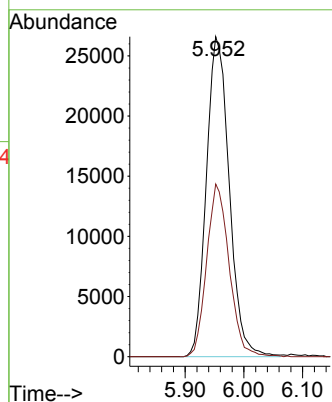
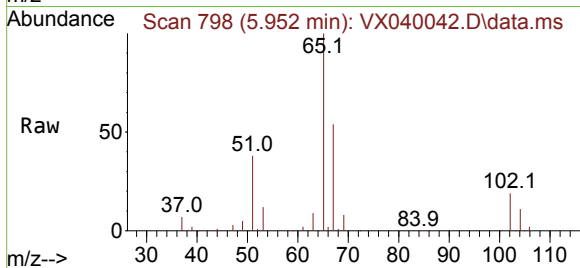
MDL-WATER-03-QT1-2024

Tgt Ion: 65 Resp: 72017

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

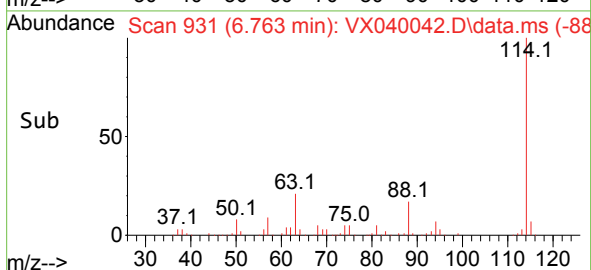
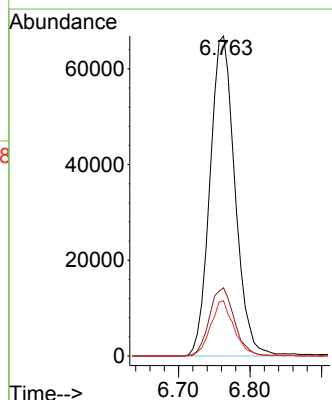
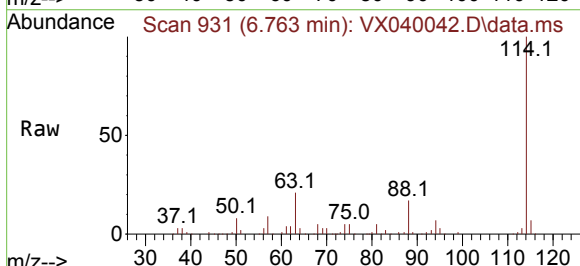
Tgt Ion: 114 Resp: 162076

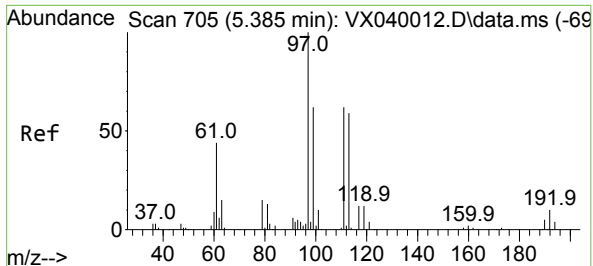
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

88 17.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.484 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040042.D

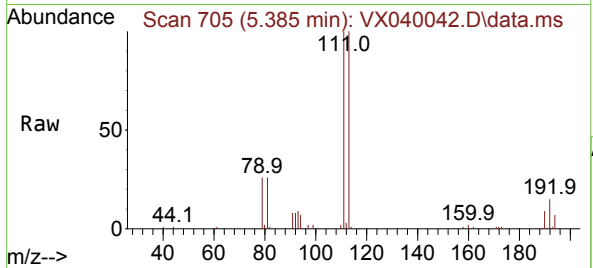
Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



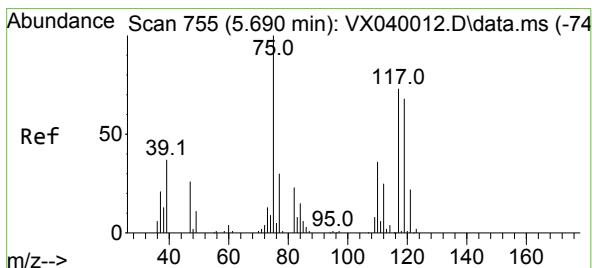
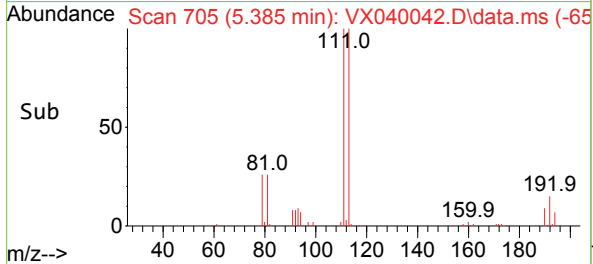
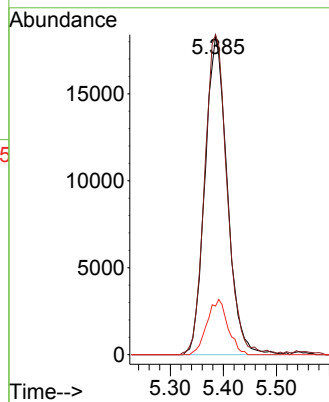
Tgt Ion:113 Resp: 53493

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 16.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 0.675 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.012 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

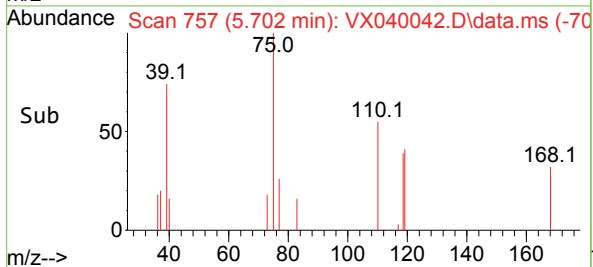
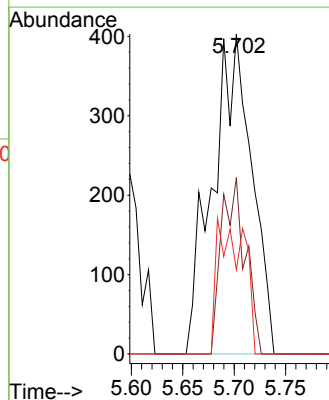
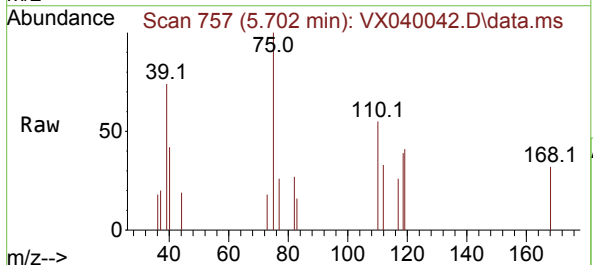
Tgt Ion: 75 Resp: 1077

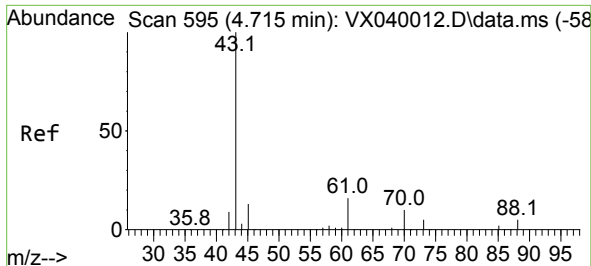
Ion Ratio Lower Upper

75 100

110 33.1 17.0 50.9

77 28.7 24.7 37.1





#37

Ethyl Acetate

Concen: 0.464 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

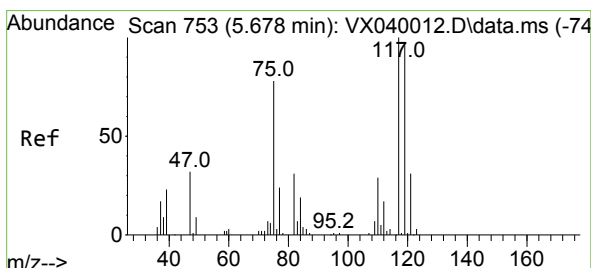
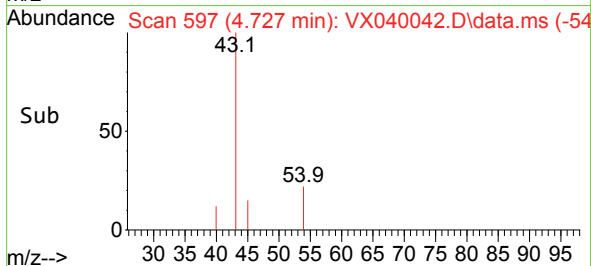
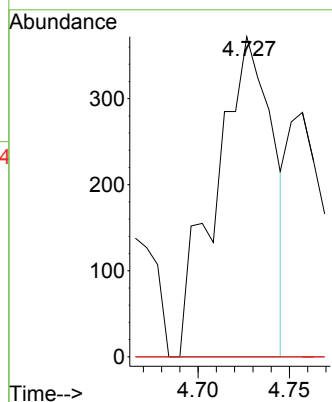
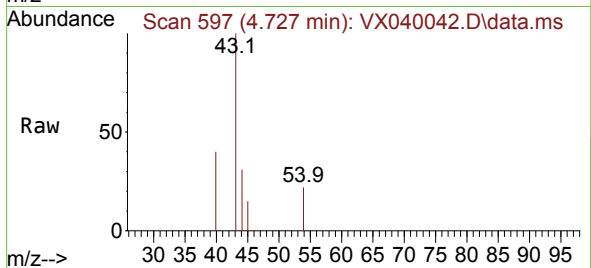
Tgt Ion: 43 Resp: 808

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 0.616 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

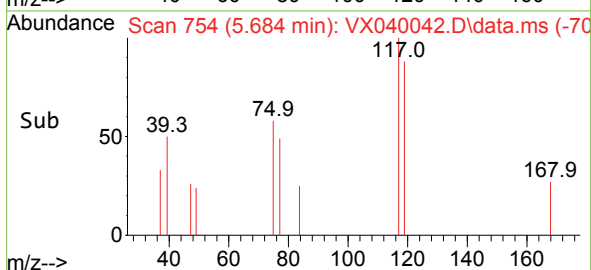
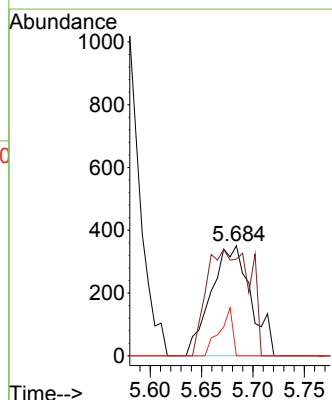
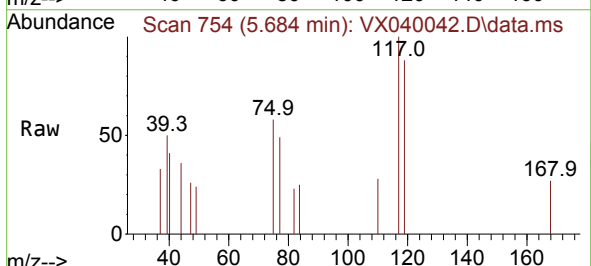
Tgt Ion: 117 Resp: 941

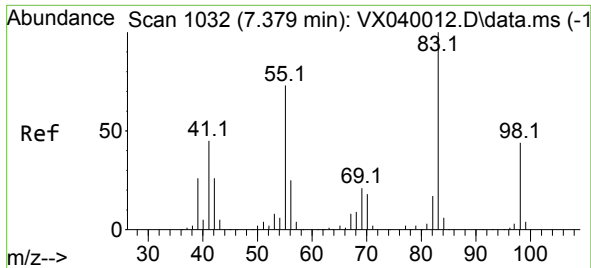
Ion Ratio Lower Upper

117 100

119 87.7 78.2 117.2

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.601 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

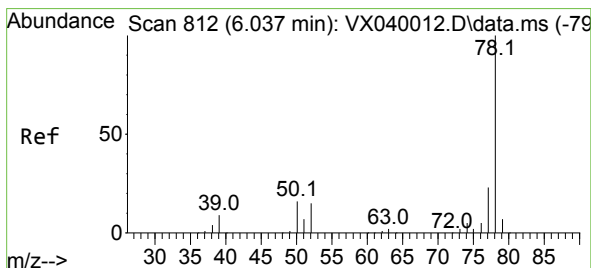
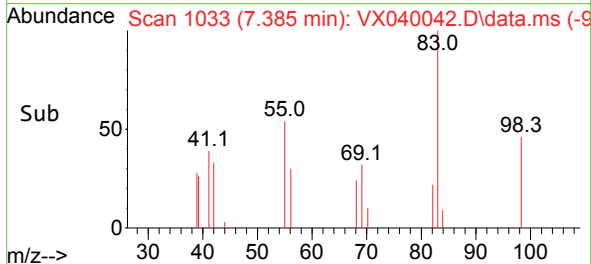
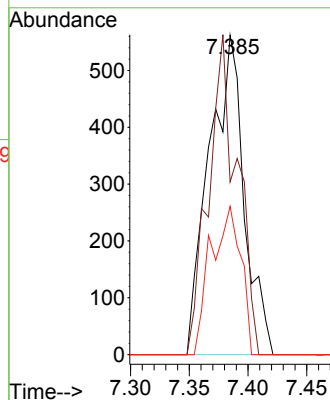
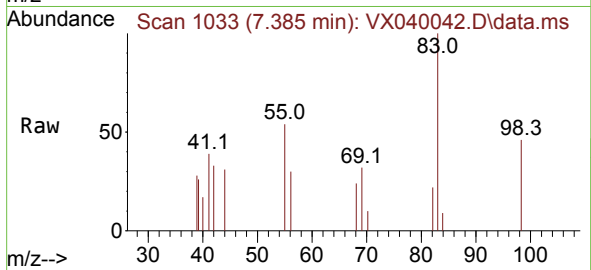
Tgt Ion: 83 Resp: 1166

Ion Ratio Lower Upper

83 100

55 54.1 64.6 97.0#

98 46.4 36.7 55.1



#40

Benzene

Concen: 0.696 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.012 min

Lab File: VX040042.D

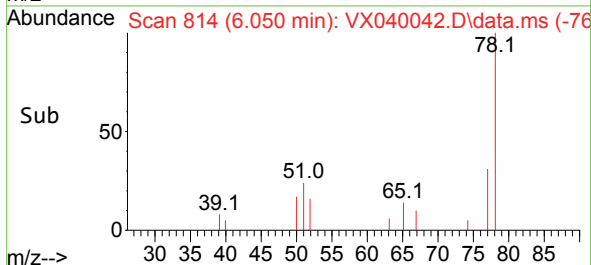
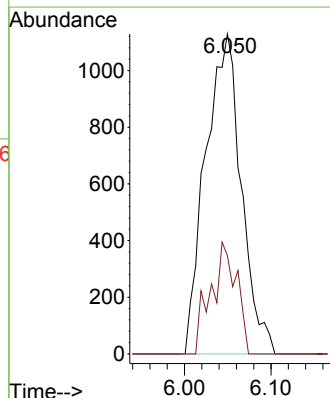
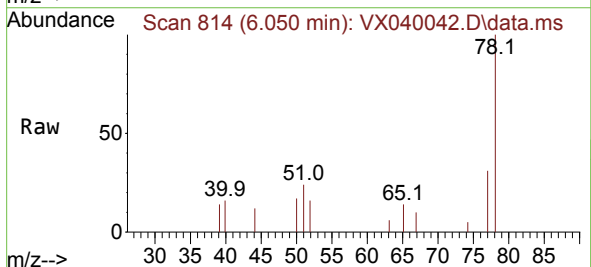
Acq: 31 Jan 2024 12:50

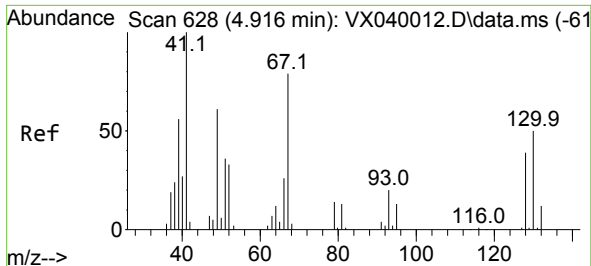
Tgt Ion: 78 Resp: 3234

Ion Ratio Lower Upper

78 100

77 30.7 19.3 28.9#

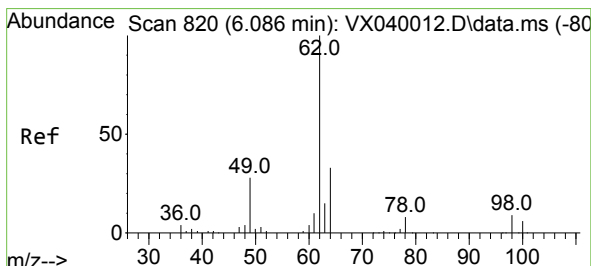
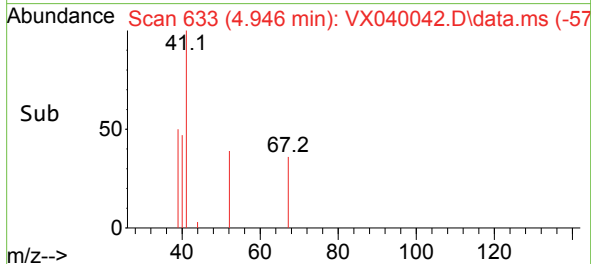
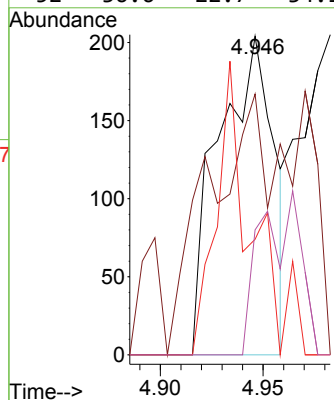
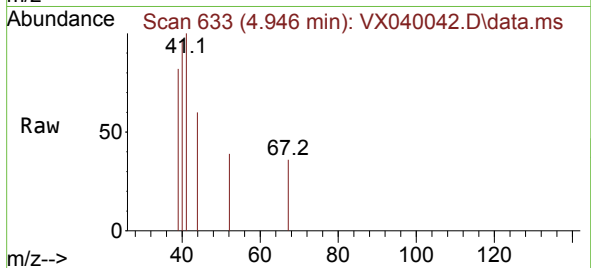




#41
Methacrylonitrile
Concen: 0.436 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.030 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

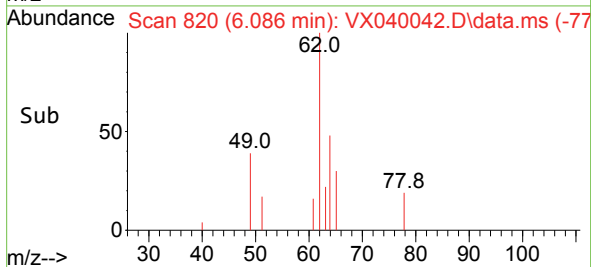
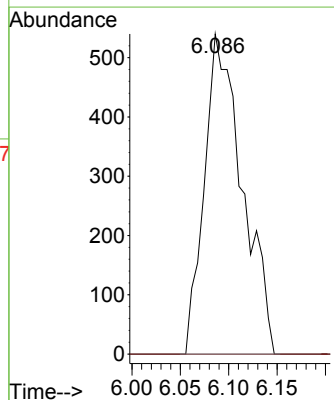
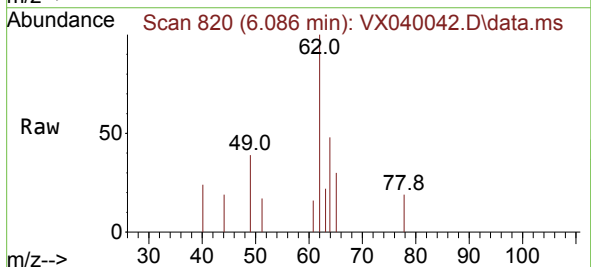
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

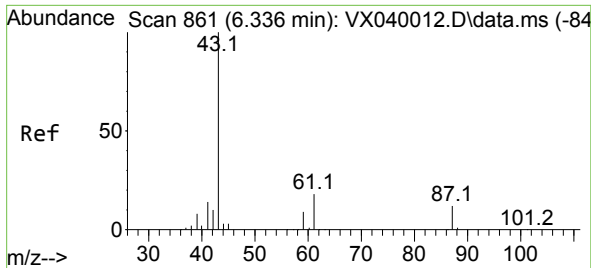
Tgt Ion: 41 Resp: 385
Ion Ratio Lower Upper
41 100
39 18.2 45.2 67.8#
67 0.0 52.6 78.8#
52 36.6 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 0.824 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 62 Resp: 1474
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 0.638 ug/l

RT: 6.360 min Scan# 865

Delta R.T. 0.024 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

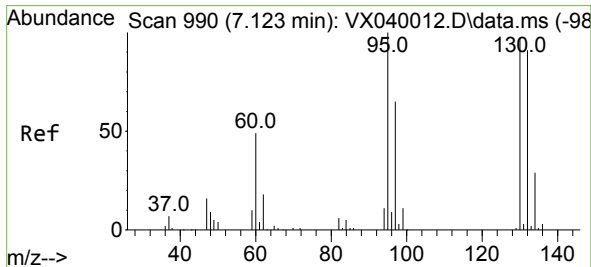
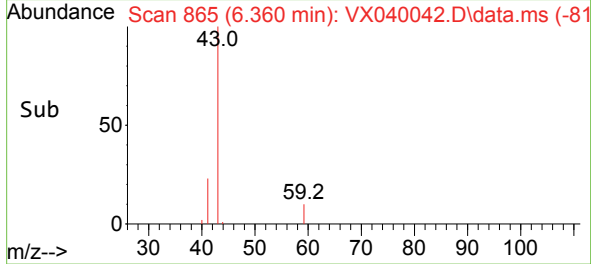
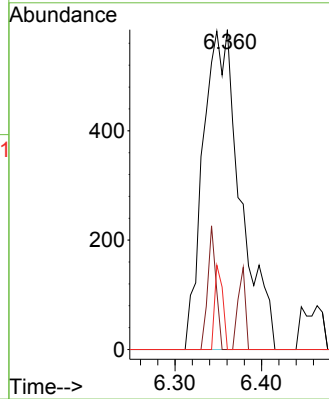
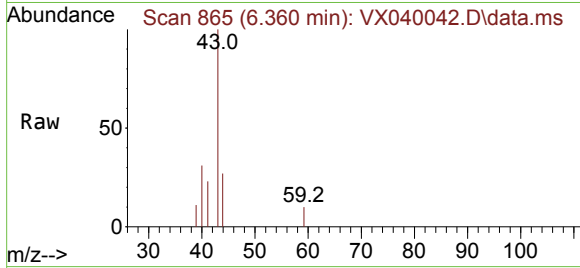
Tgt Ion: 43 Resp: 1752

Ion Ratio Lower Upper

43 100

61 5.0 15.2 22.8#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.704 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040042.D

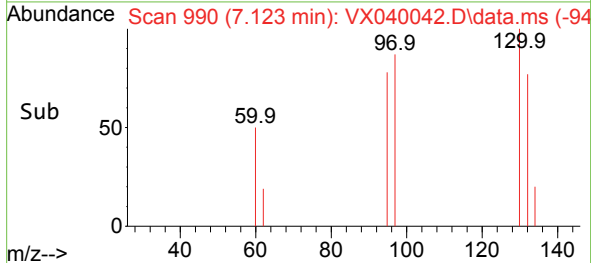
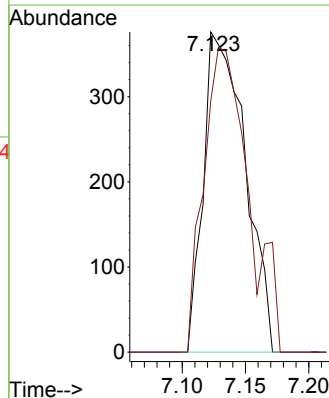
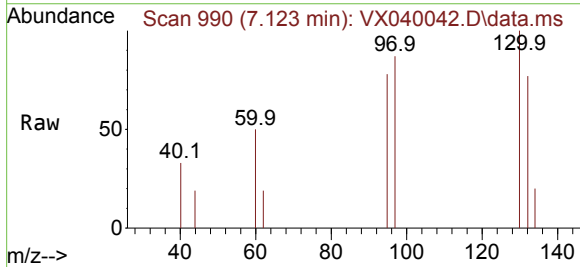
Acq: 31 Jan 2024 12:50

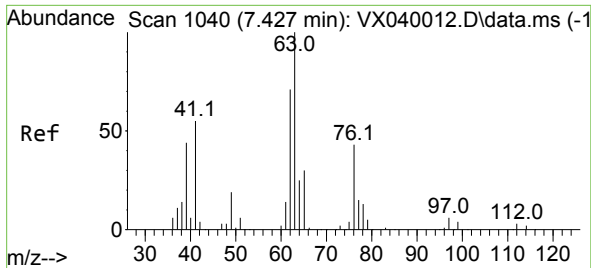
Tgt Ion:130 Resp: 861

Ion Ratio Lower Upper

130 100

95 78.5 0.0 204.4

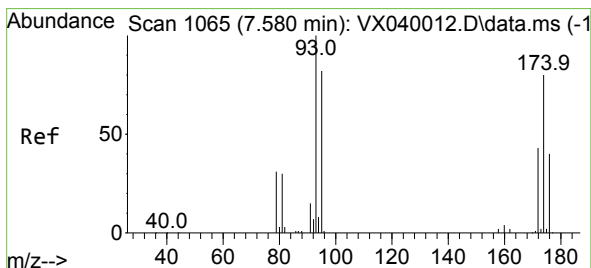
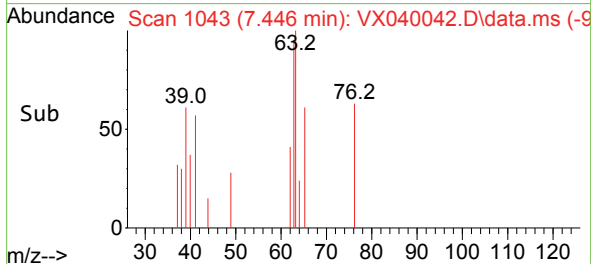
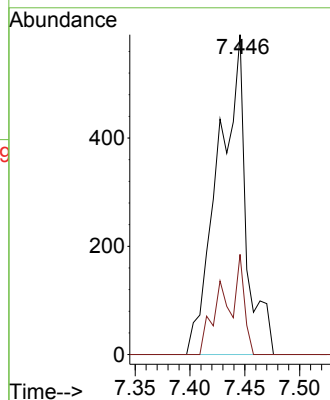
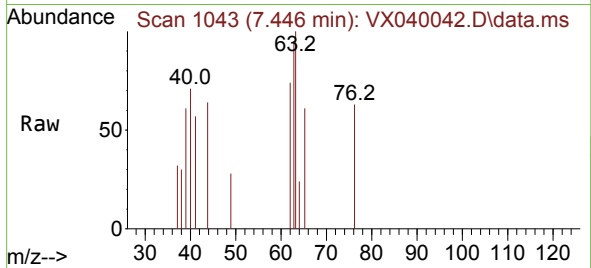




#45
1,2-Dichloropropane
Concen: 0.854 ug/l
RT: 7.446 min Scan# 1043
Delta R.T. 0.018 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

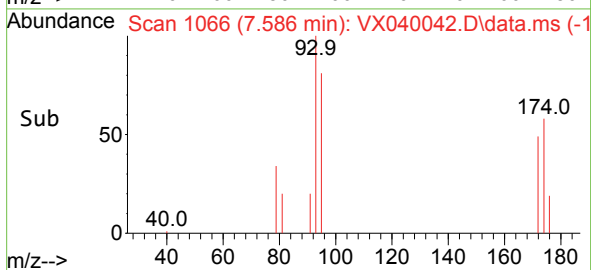
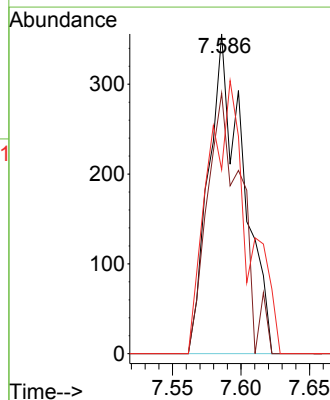
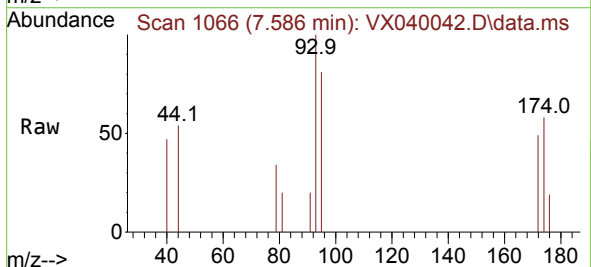
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

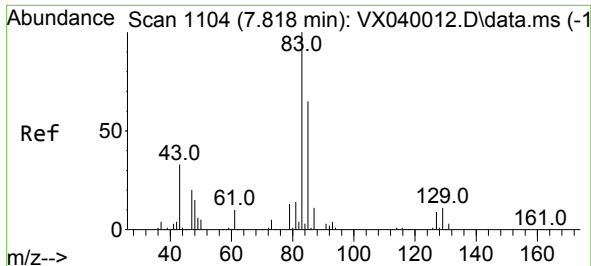
Tgt Ion: 63 Resp: 1048
Ion Ratio Lower Upper
63 100
65 31.3 24.3 36.5



#46
Dibromomethane
Concen: 0.674 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 93 Resp: 621
Ion Ratio Lower Upper
93 100
95 80.8 66.6 100.0
174 99.0 69.4 104.0

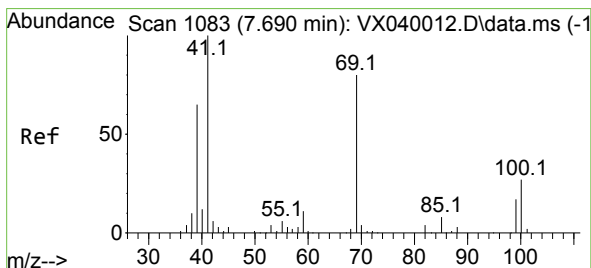
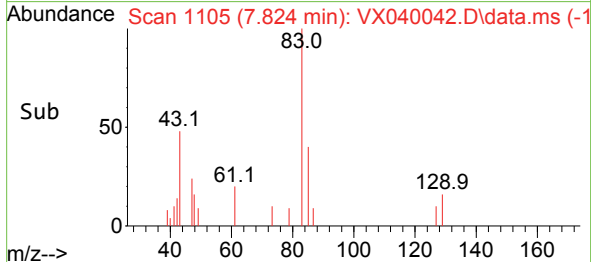
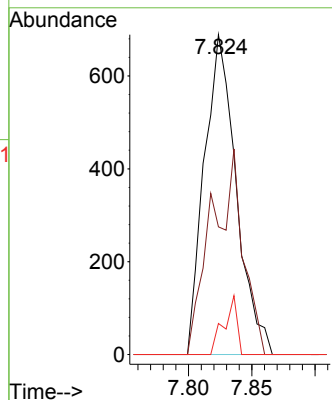
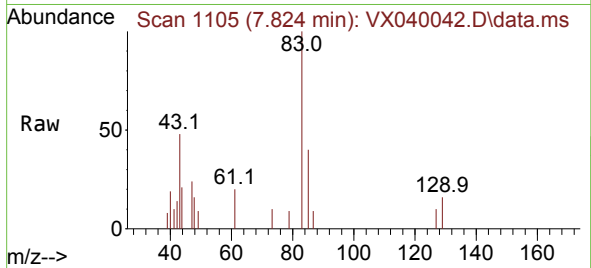




#47
Bromodichloromethane
Concen: 0.737 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

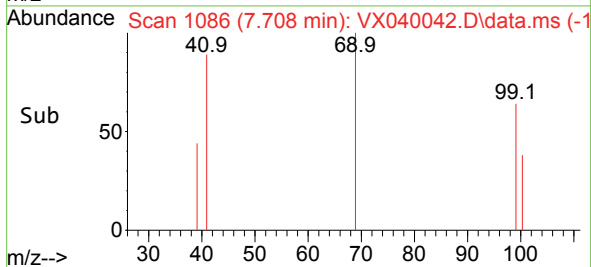
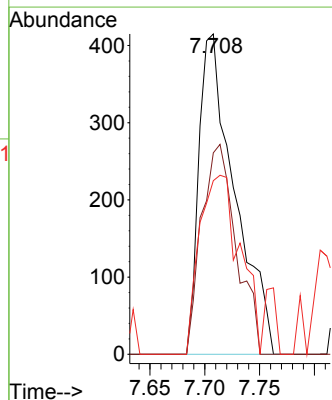
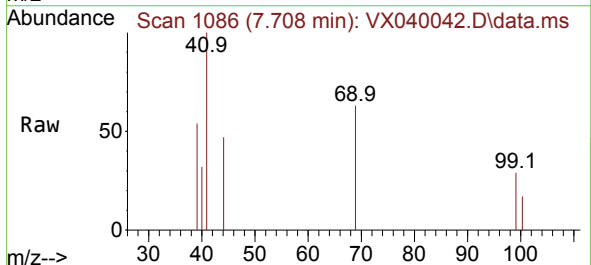
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

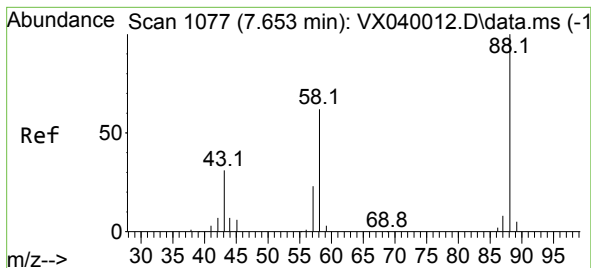
Tgt Ion: 83 Resp: 1209
Ion Ratio Lower Upper
83 100
85 39.9 49.8 74.6#
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 0.694 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 41 Resp: 940
Ion Ratio Lower Upper
41 100
69 63.6 59.2 88.8
39 63.3 47.7 71.5





#49

1,4-Dioxane

Concen: 10.096 ug/l

RT: 7.677 min Scan# 1077

Delta R.T. 0.024 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

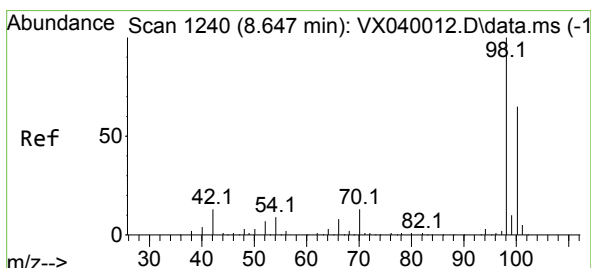
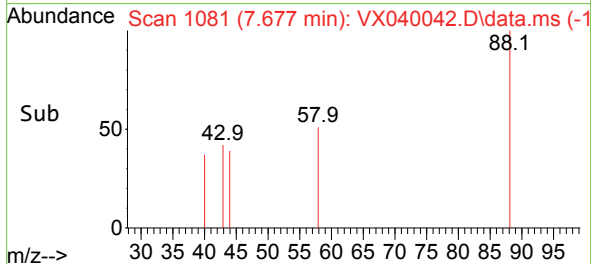
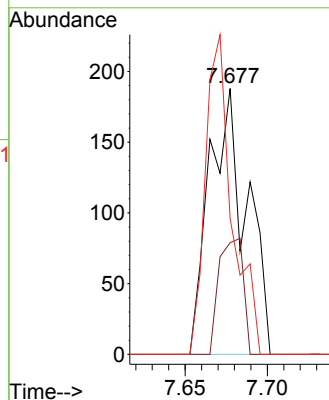
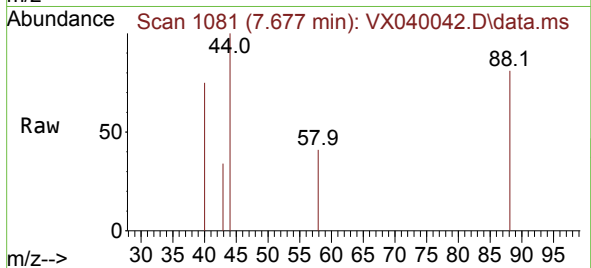
Tgt Ion: 88 Resp: 297

Ion Ratio Lower Upper

88 100

43 28.3 0.0 0.0#

58 85.2 60.1 90.1



#50

Toluene-d8

Concen: 47.597 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX040042.D

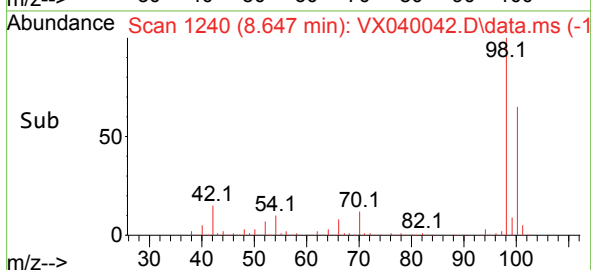
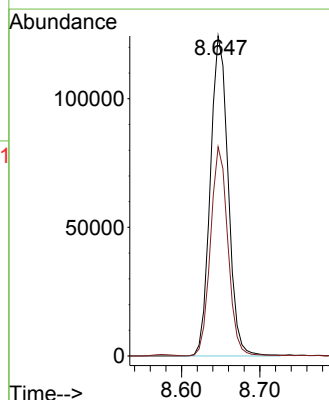
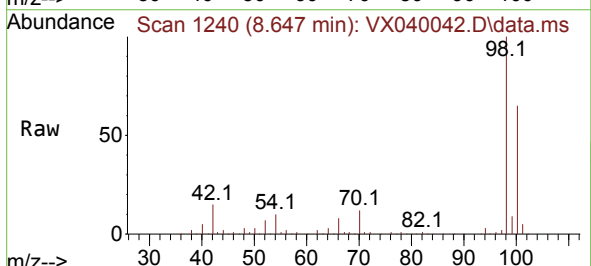
Acq: 31 Jan 2024 12:50

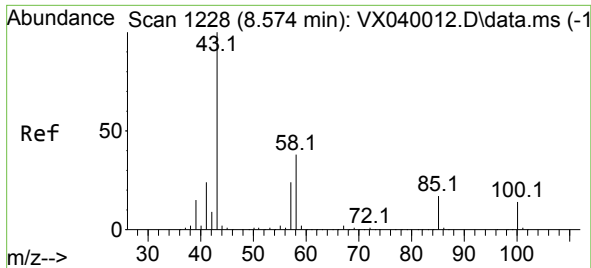
Tgt Ion: 98 Resp: 196386

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7

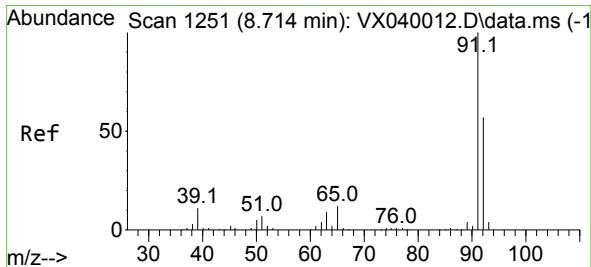
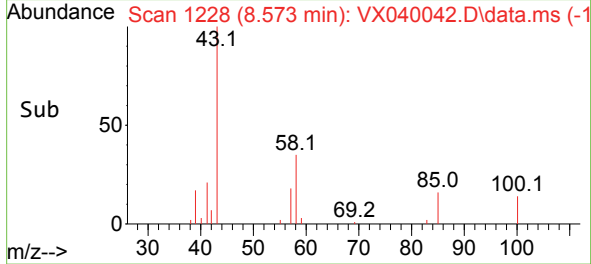
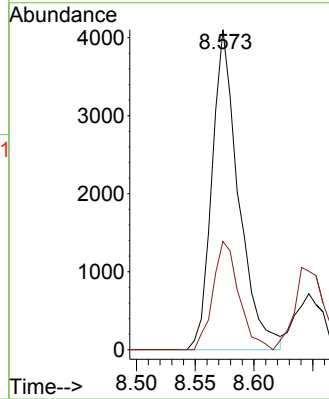
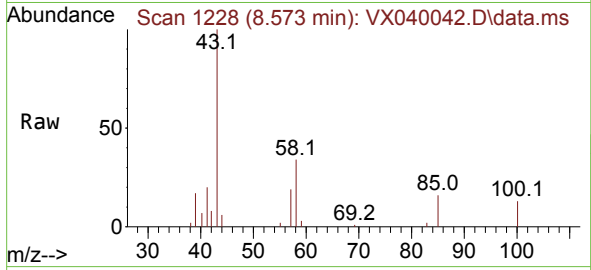




#51
4-Methyl-2-Pentanone
Concen: 3.445 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

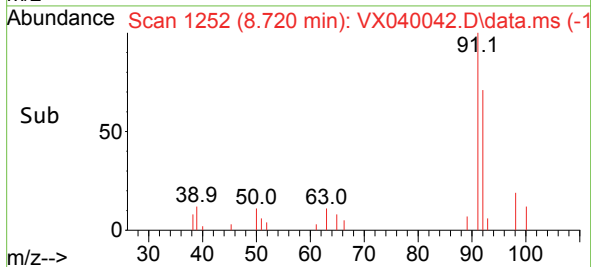
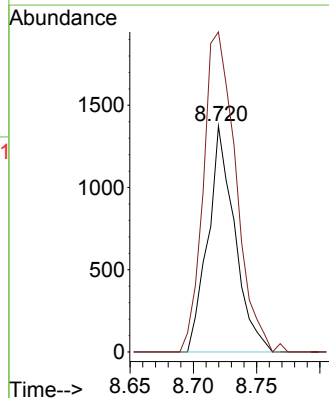
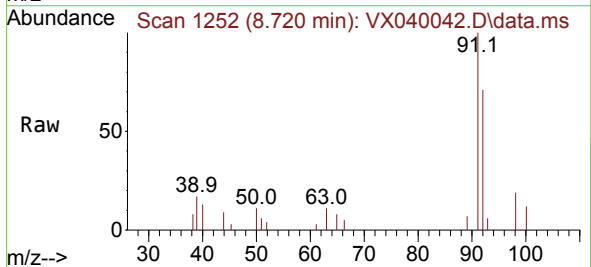
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

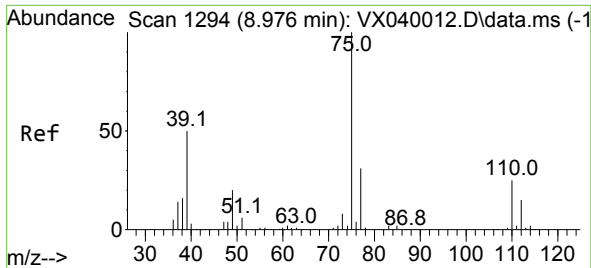
Tgt Ion: 43 Resp: 6462
Ion Ratio Lower Upper
43 100
58 33.0 30.4 45.6



#52
Toluene
Concen: 0.697 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 92 Resp: 2020
Ion Ratio Lower Upper
92 100
91 172.7 134.2 201.2

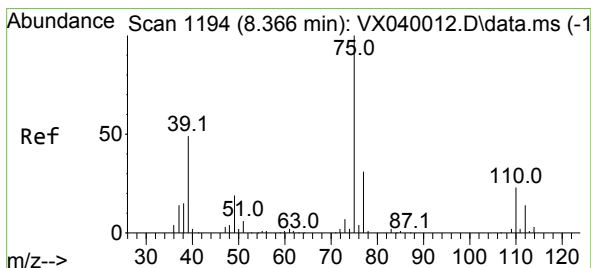
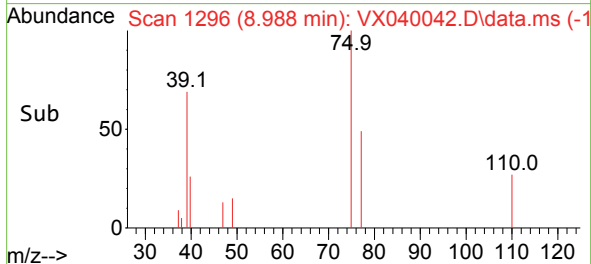
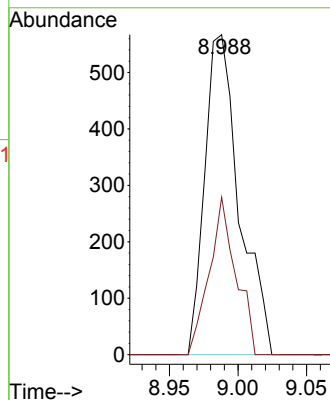
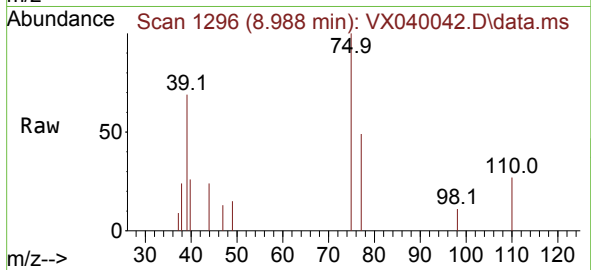




#53
t-1,3-Dichloropropene
Concen: 0.584 ug/l
RT: 8.988 min Scan# 1194
Delta R.T. 0.012 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

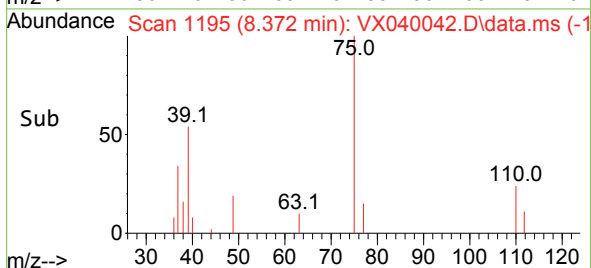
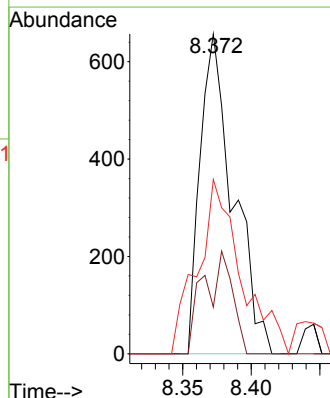
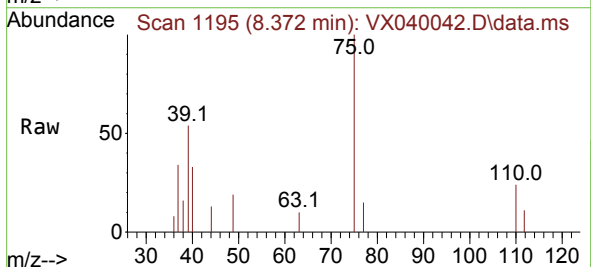
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

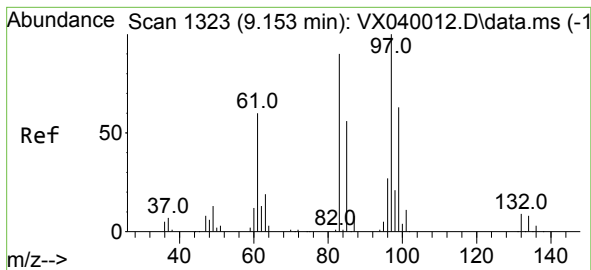
Tgt Ion: 75 Resp: 994
Ion Ratio Lower Upper
75 100
77 49.2 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 0.609 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 75 Resp: 1105
Ion Ratio Lower Upper
75 100
77 14.6 25.3 37.9#
39 46.9 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 0.718 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 97 Resp: 861

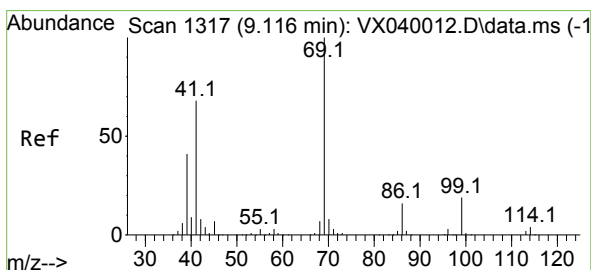
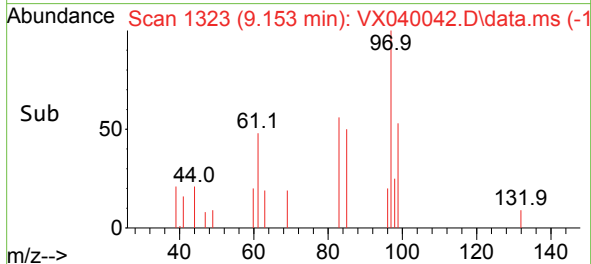
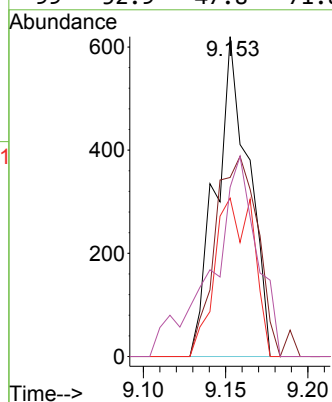
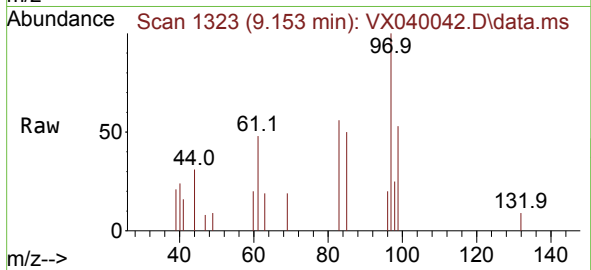
Ion Ratio Lower Upper

97 100

83 56.0 65.8 98.8#

85 49.5 41.6 62.4

99 52.9 47.8 71.8



#56

Ethyl methacrylate

Concen: 0.586 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

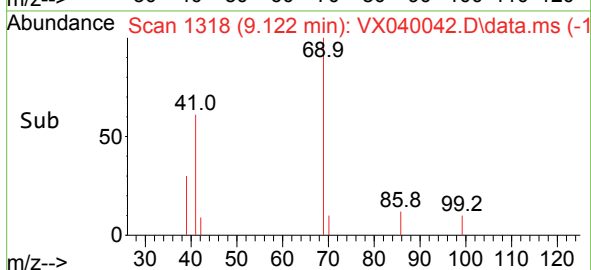
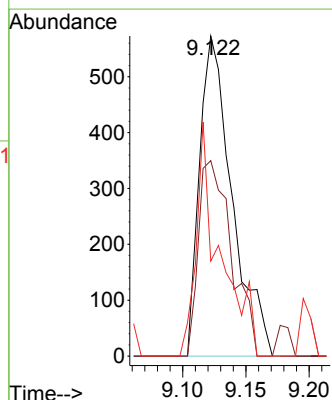
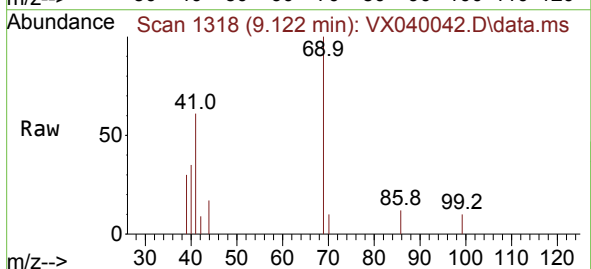
Tgt Ion: 69 Resp: 1026

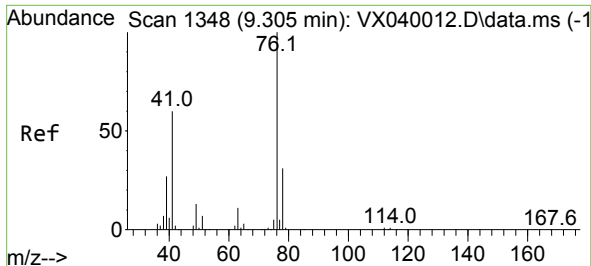
Ion Ratio Lower Upper

69 100

41 62.0 56.8 85.2

39 53.1 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 0.632 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040042.D

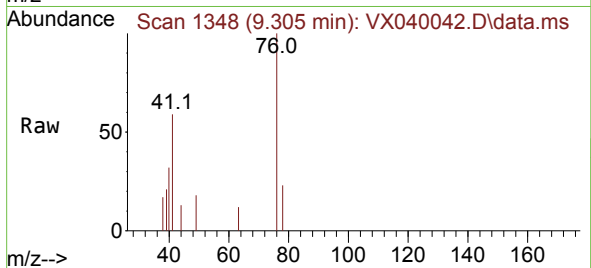
Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

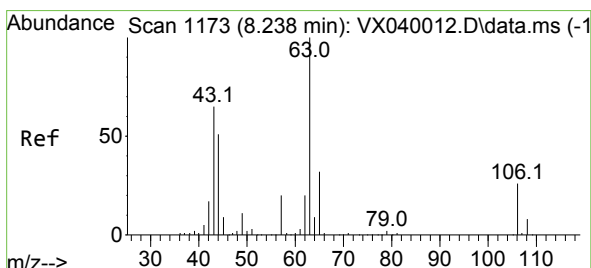
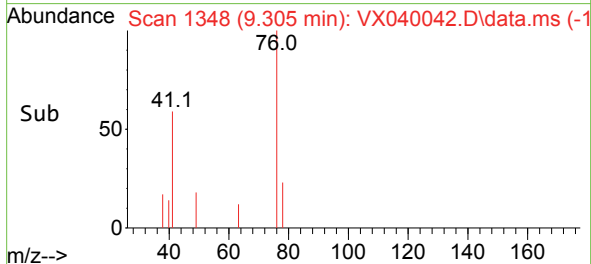
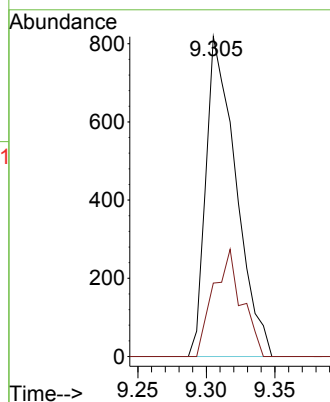


Tgt Ion: 76 Resp: 1249

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 2.844 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040042.D

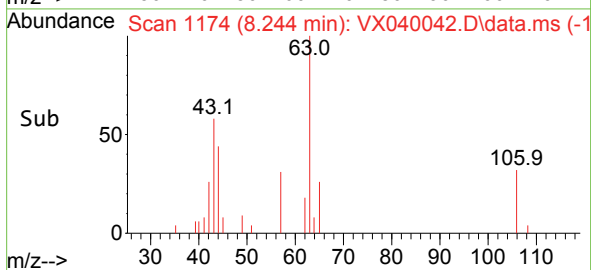
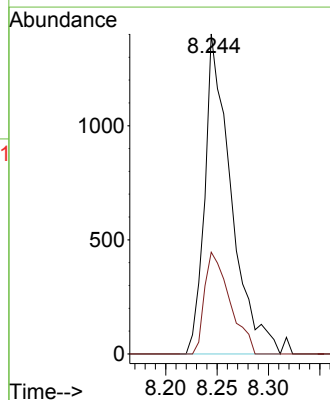
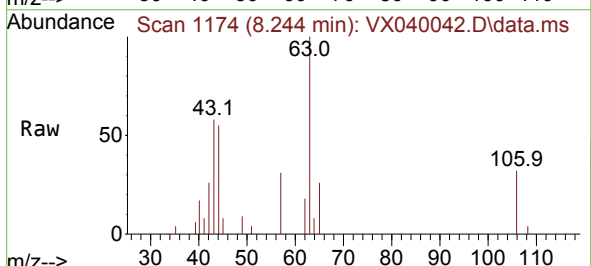
Acq: 31 Jan 2024 12:50

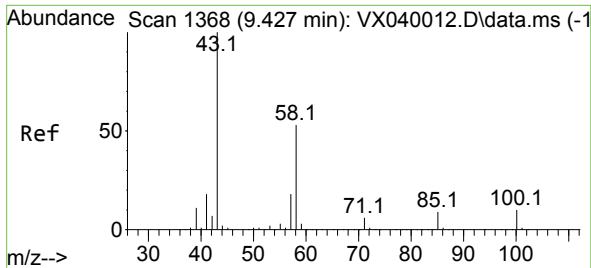
Tgt Ion: 63 Resp: 2504

Ion Ratio Lower Upper

63 100

106 30.5 22.5 33.7

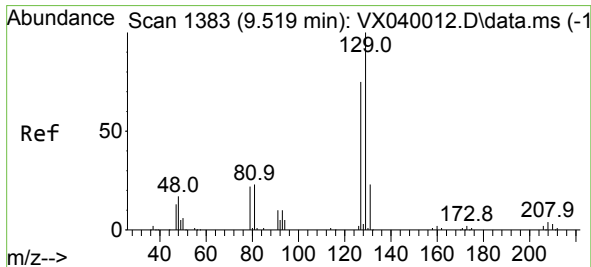
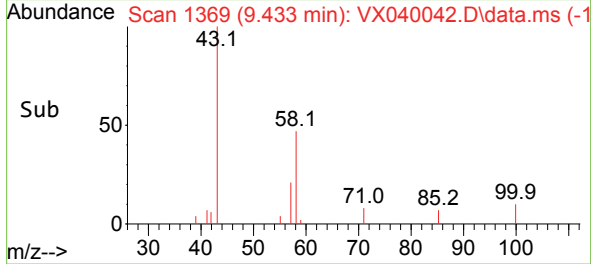
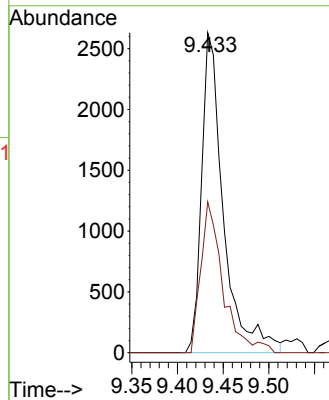
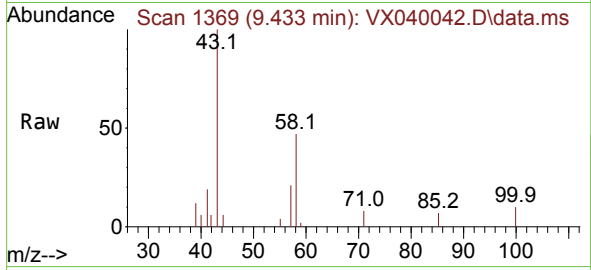




#59
2-Hexanone
Concen: 2.918 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

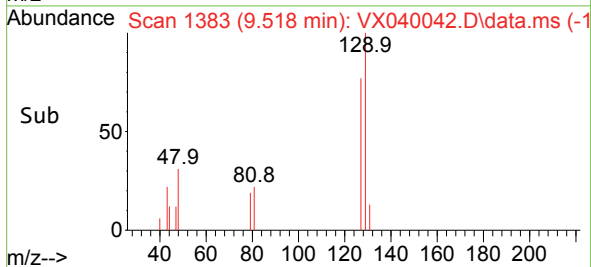
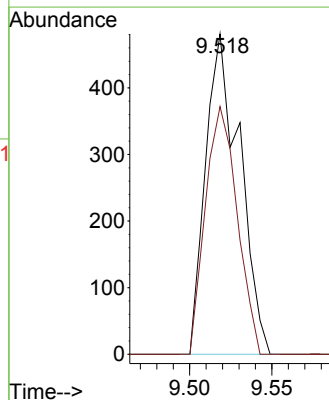
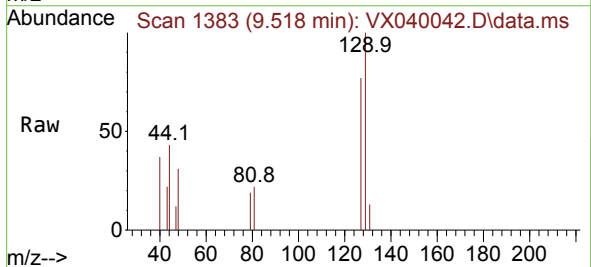
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024

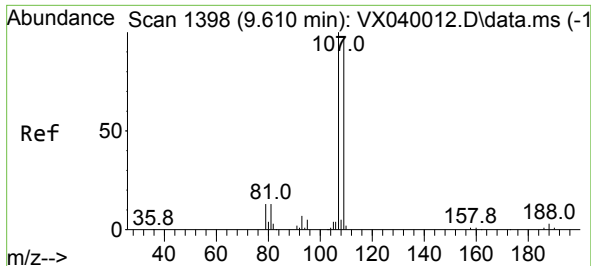
Tgt Ion: 43 Resp: 4365
Ion Ratio Lower Upper
43 100
58 48.2 26.2 78.5



#60
Dibromochloromethane
Concen: 0.574 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 129 Resp: 691
Ion Ratio Lower Upper
129 100
127 71.9 38.8 116.4

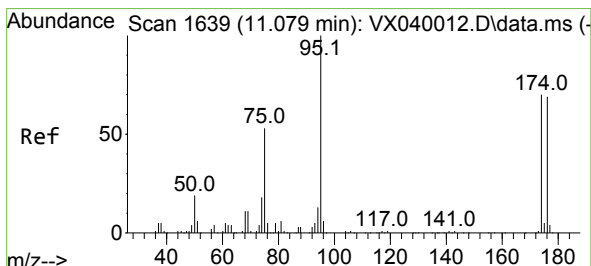
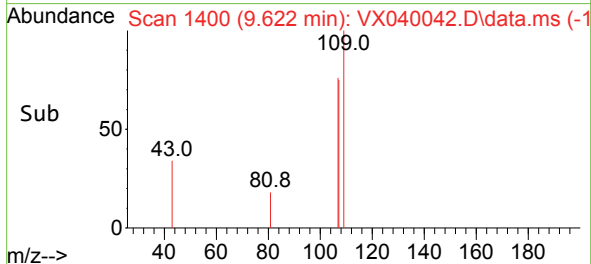
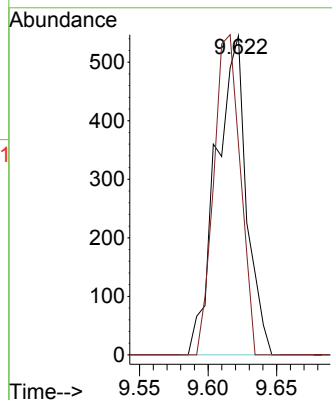
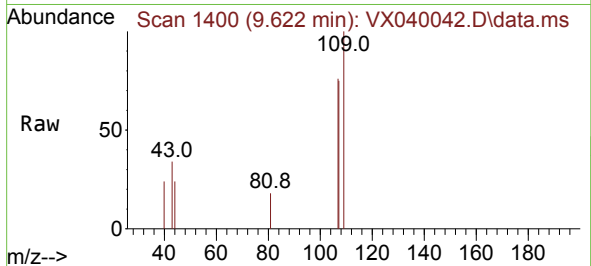




#61
1,2-Dibromoethane
Concen: 0.650 ug/l
RT: 9.622 min Scan# 1400
Delta R.T. 0.012 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

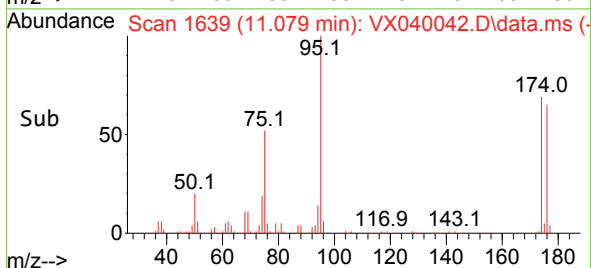
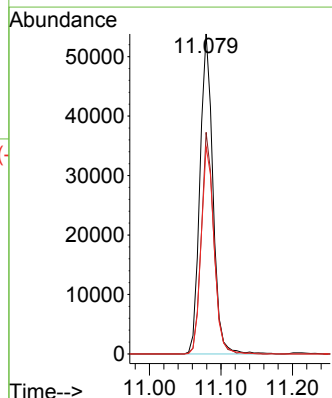
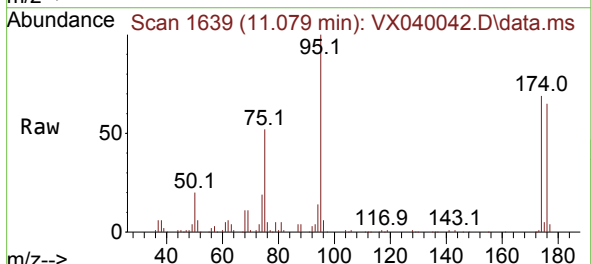
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

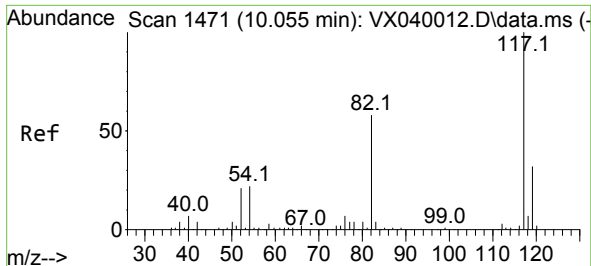
Tgt Ion:107 Resp: 842
Ion Ratio Lower Upper
107 100
109 86.9 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 42.484 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 95 Resp: 67497
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.6
176 64.8 0.0 131.0

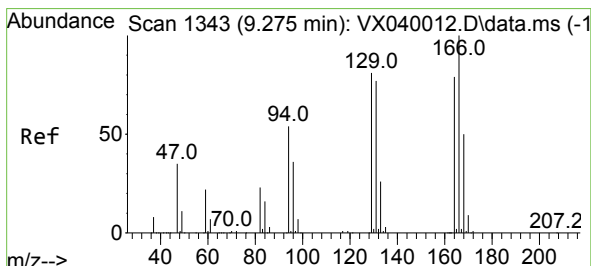
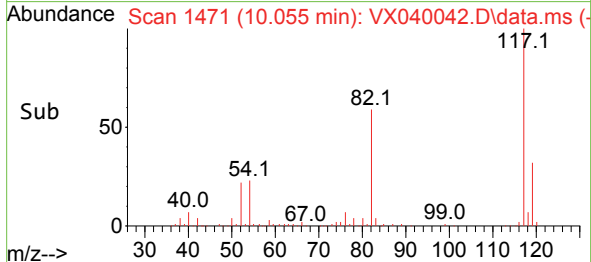
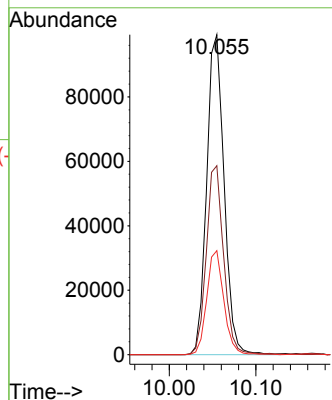
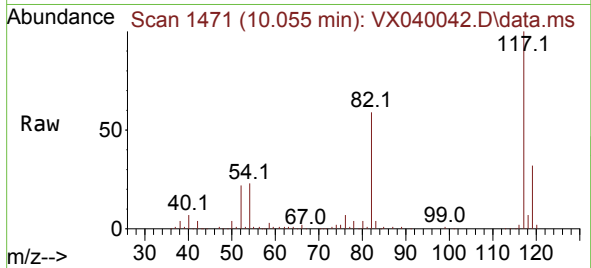




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

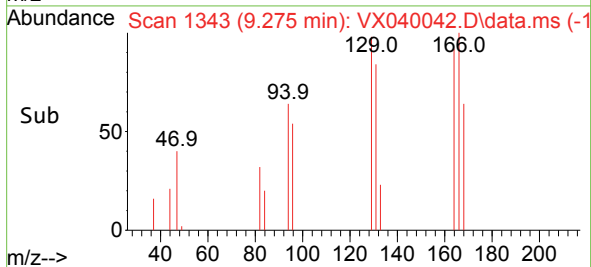
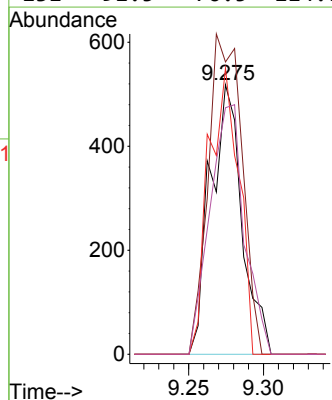
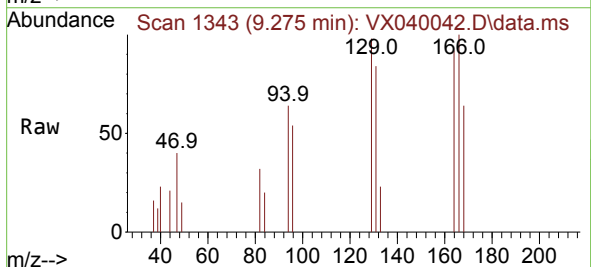
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024

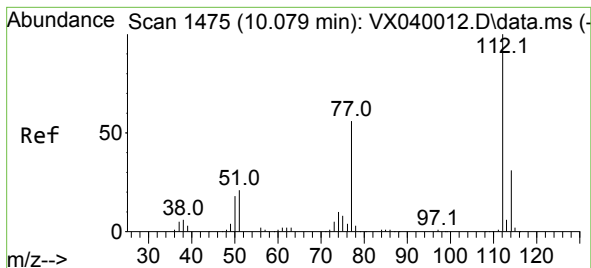
Tgt Ion:117 Resp: 138662
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 0.848 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion:164 Resp: 765
Ion Ratio Lower Upper
164 100
166 108.5 102.7 154.1
129 106.2 80.4 120.6
131 91.5 76.5 114.7





#65

Chlorobenzene

Concen: 0.700 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

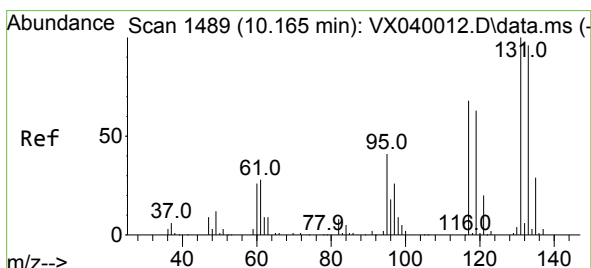
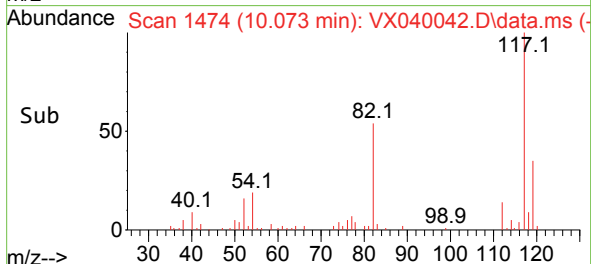
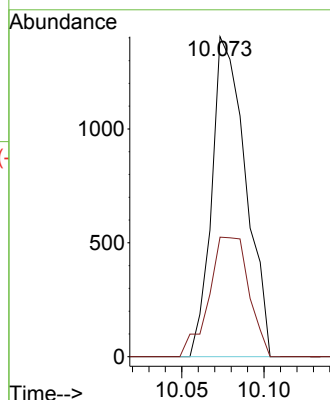
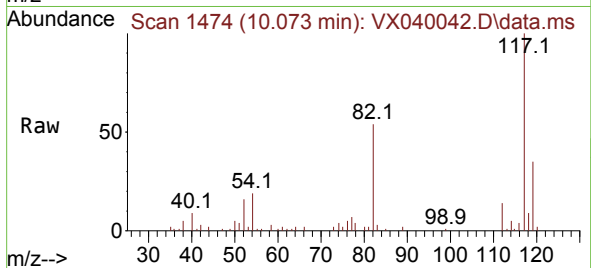
MDL-WATER-03-QT1-2024

Tgt Ion:112 Resp: 2007

Ion Ratio Lower Upper

112 100

114 37.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 0.590 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

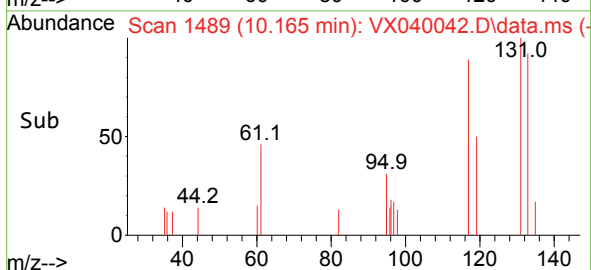
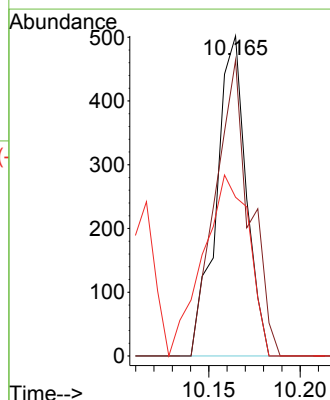
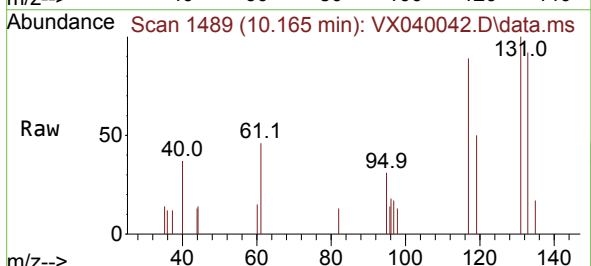
Tgt Ion:131 Resp: 571

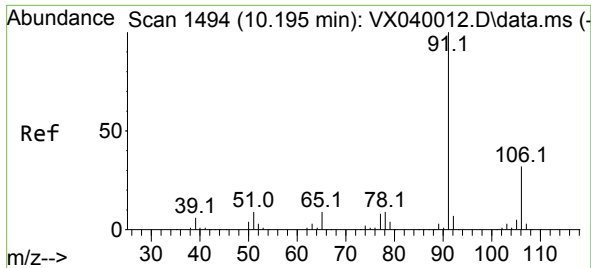
Ion Ratio Lower Upper

131 100

133 106.1 47.1 141.4

119 0.0 32.2 96.6#





#67

Ethyl Benzene

Concen: 0.606 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

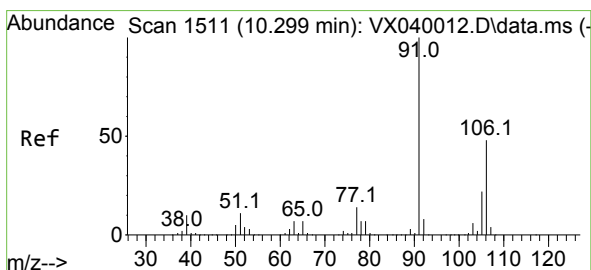
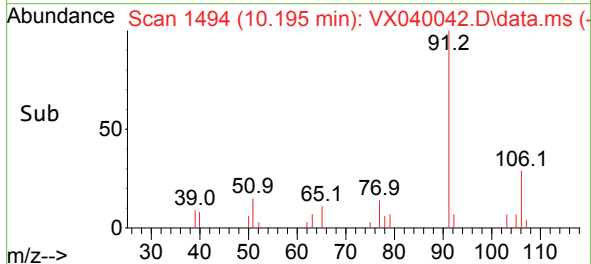
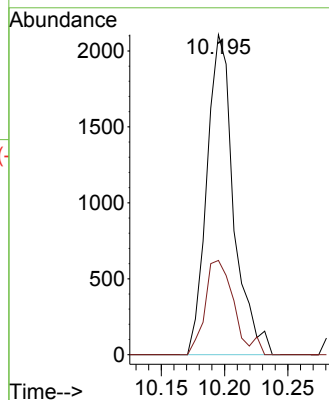
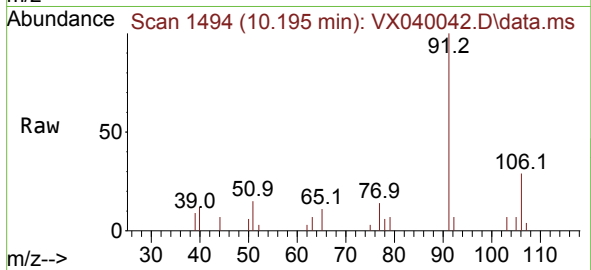
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 3114

Ion Ratio Lower Upper

91 100

106 29.5 24.9 37.3



#68

m/p-Xylenes

Concen: 1.131 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX040042.D

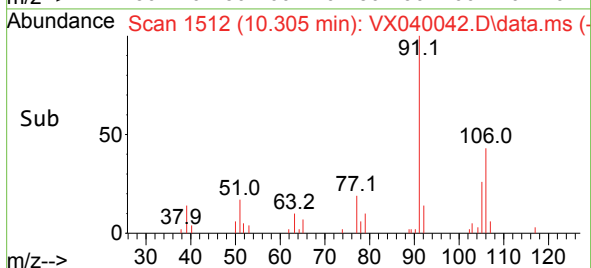
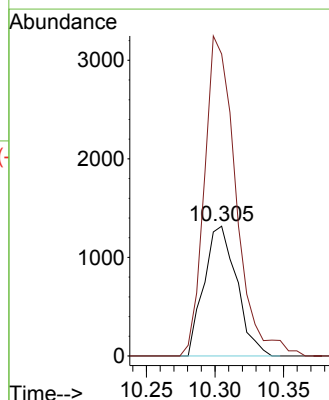
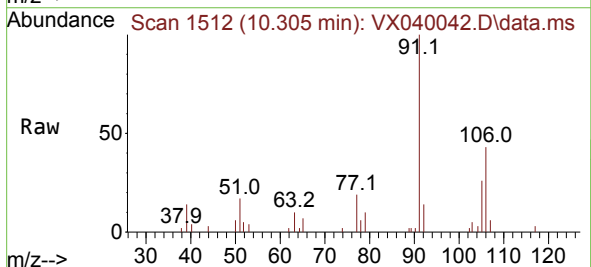
Acq: 31 Jan 2024 12:50

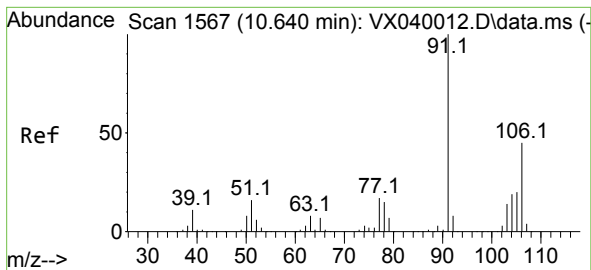
Tgt Ion: 106 Resp: 2188

Ion Ratio Lower Upper

106 100

91 238.3 165.5 248.3





#69

o-Xylene

Concen: 0.648 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

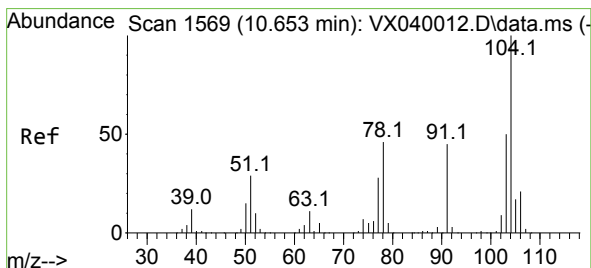
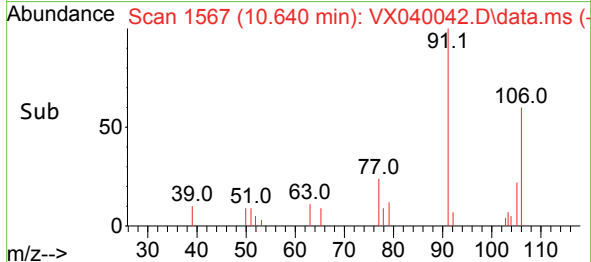
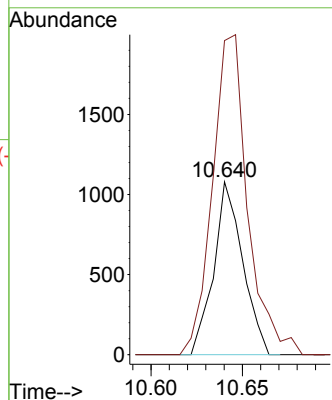
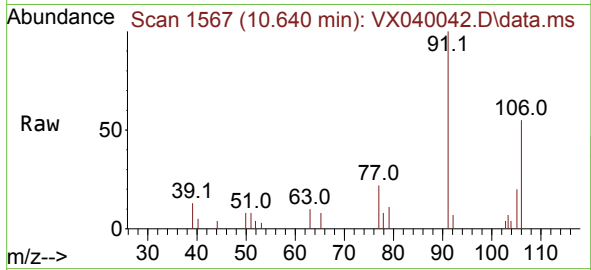
MDL-WATER-03-QT1-2024

Tgt Ion:106 Resp: 1190

Ion Ratio Lower Upper

106 100

91 225.1 108.9 326.8



#70

Styrene

Concen: 0.678 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

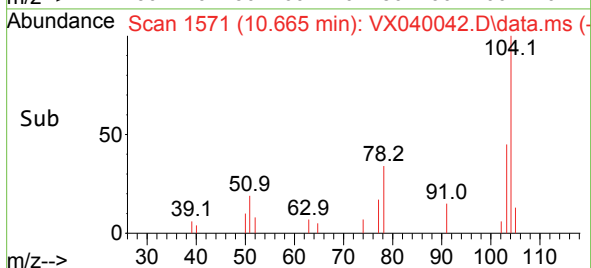
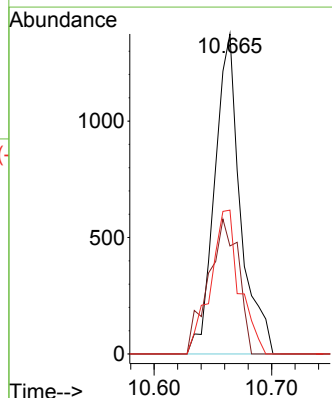
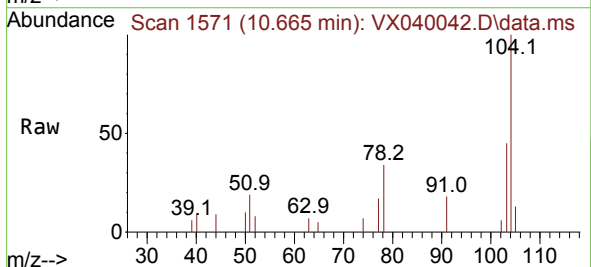
Tgt Ion:104 Resp: 2096

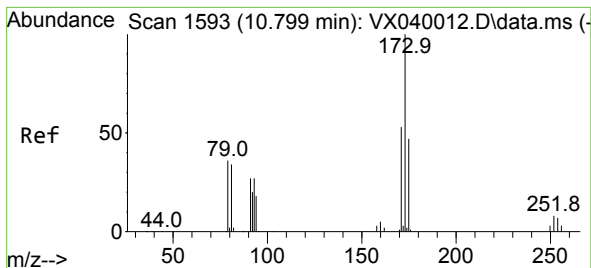
Ion Ratio Lower Upper

104 100

78 49.1 43.6 65.4

103 50.7 43.6 65.4





#71

Bromoform

Concen: 0.572 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

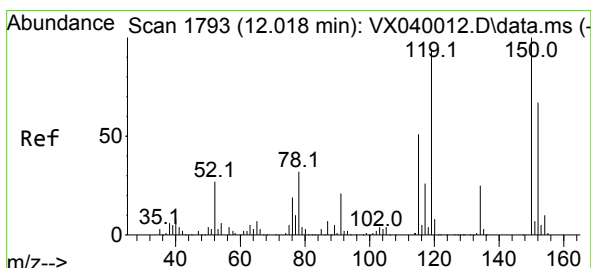
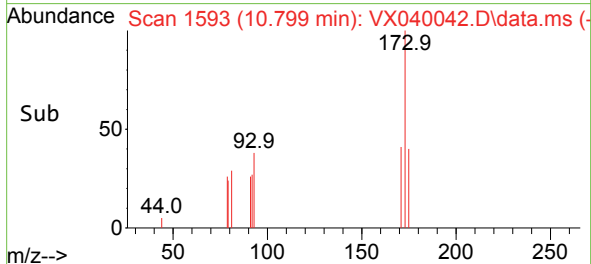
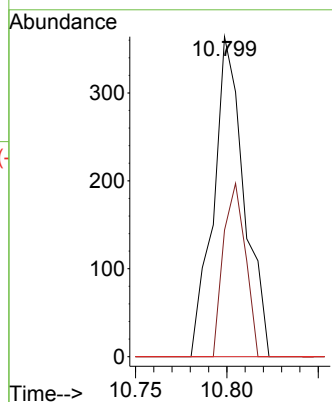
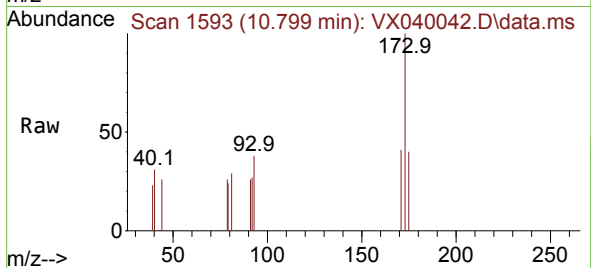
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:173	Resp:	424
Ion Ratio	Lower	Upper
173	100	
175	38.9	24.1 72.4
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

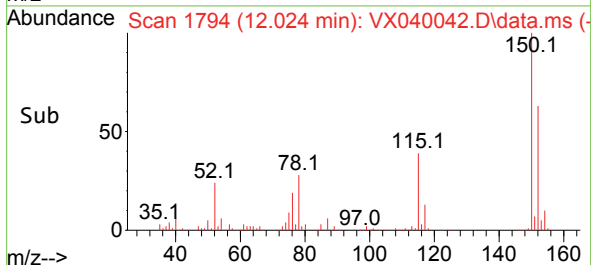
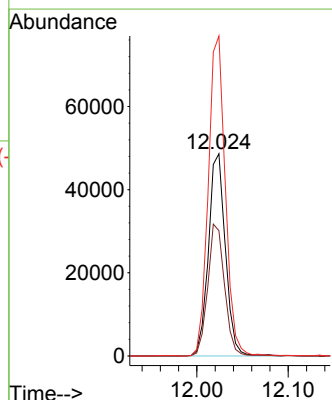
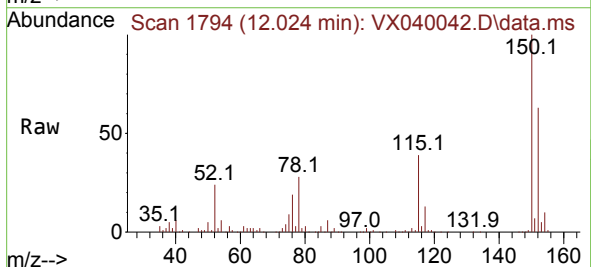
RT: 12.024 min Scan# 1794

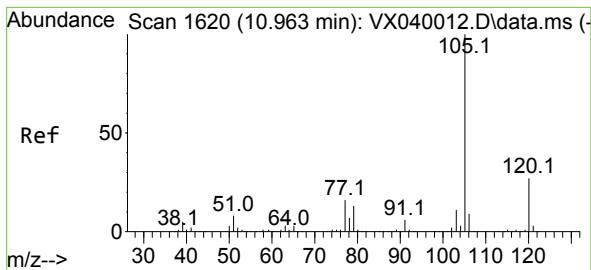
Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion:152	Resp:	62532
Ion Ratio	Lower	Upper
152	100	
115	64.8	43.3 129.9
150	159.1	0.0 345.0





#73

Isopropylbenzene

Concen: 0.626 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

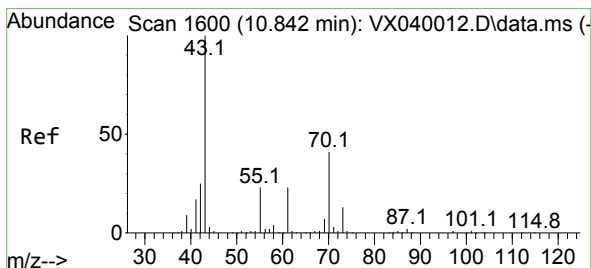
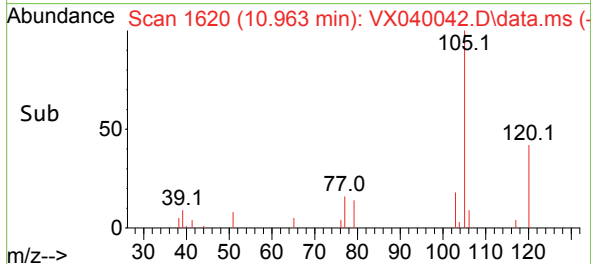
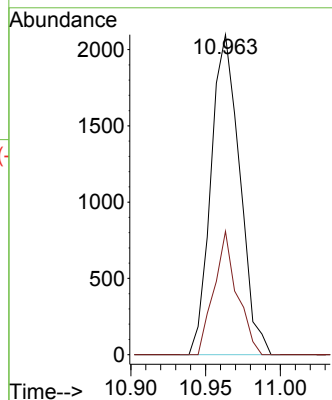
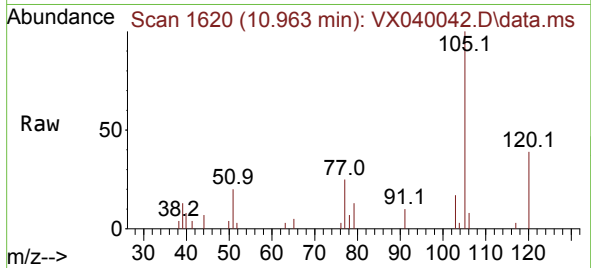
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 2811

Ion Ratio Lower Upper

105 100

120 30.8 12.9 38.6



#74

N-ethyl acetate

Concen: 0.606 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.005 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion: 43 Resp: 1238

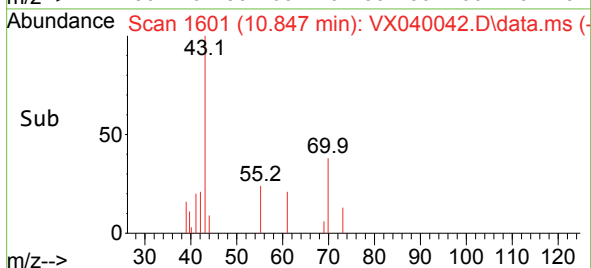
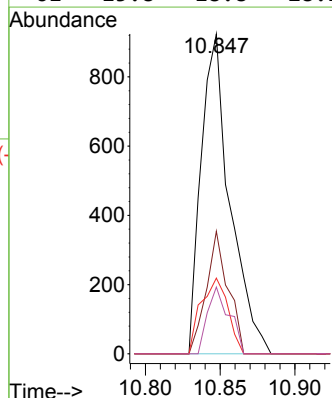
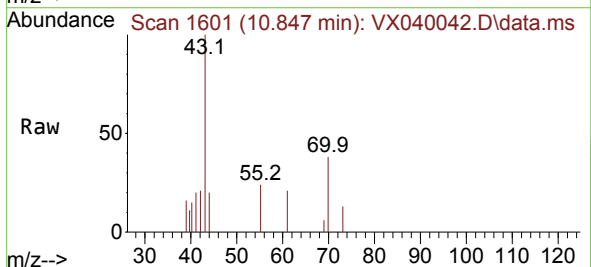
Ion Ratio Lower Upper

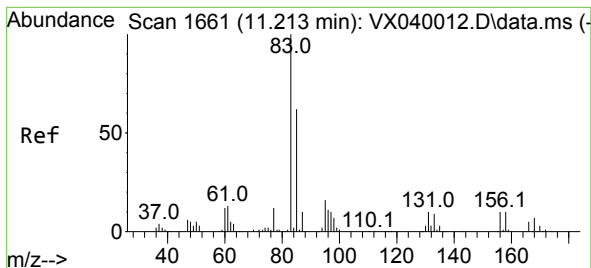
43 100

70 29.0 32.9 49.3#

55 22.1 19.3 28.9

61 15.8 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.767 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

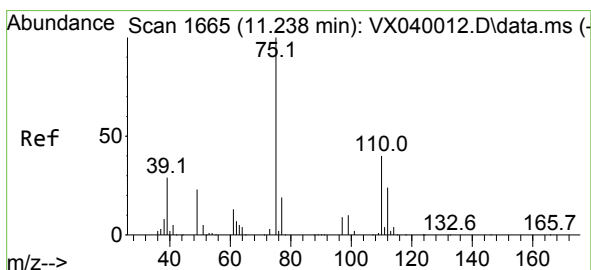
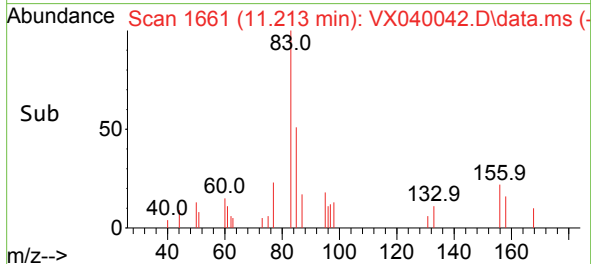
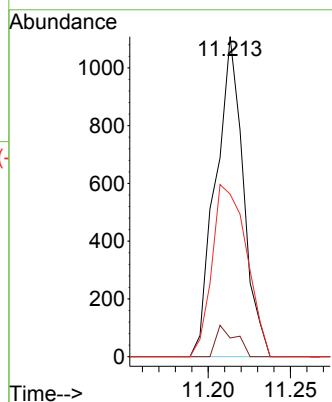
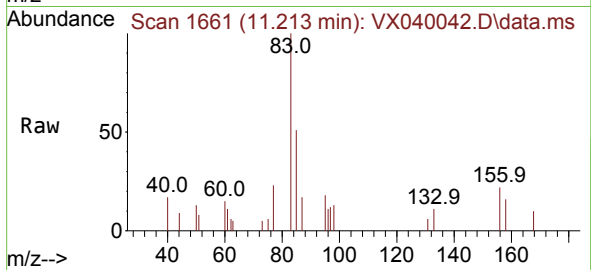
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 83	Resp:	1295
Ion Ratio	Lower	Upper
83	100	
131	6.9	5.3 15.8
85	67.4	32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 0.941 ug/l

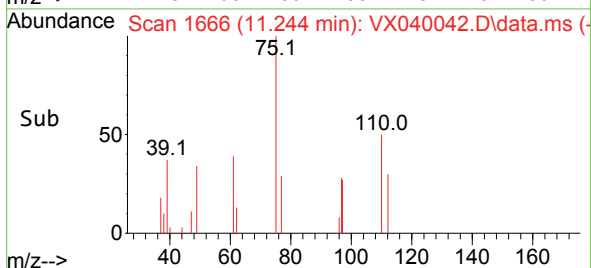
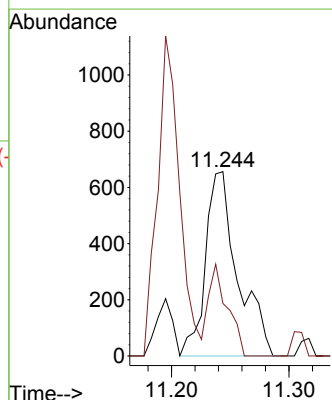
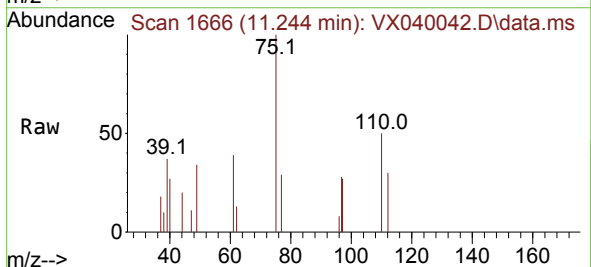
RT: 11.244 min Scan# 1666

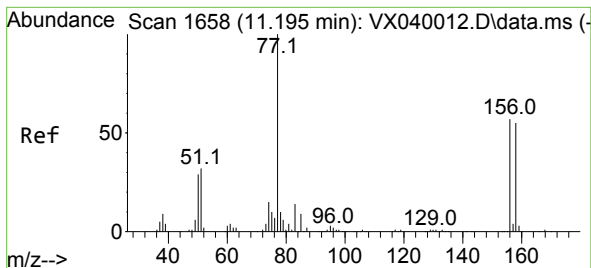
Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion: 75	Resp:	1253
Ion Ratio	Lower	Upper
75	100	
77	29.3	19.1 57.5





#77

Bromobenzene

Concen: 0.737 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

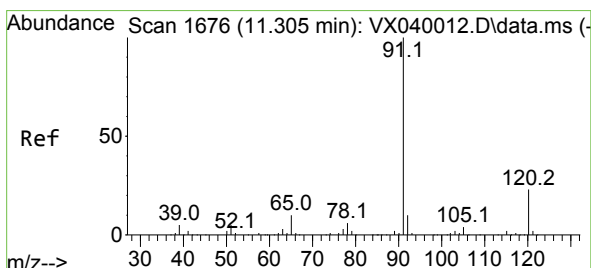
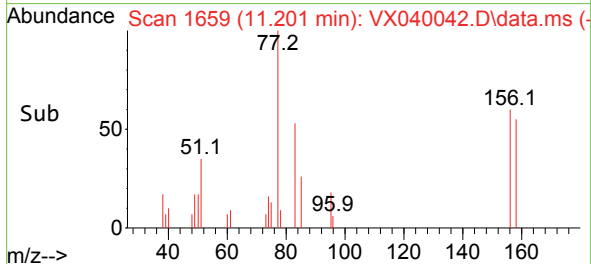
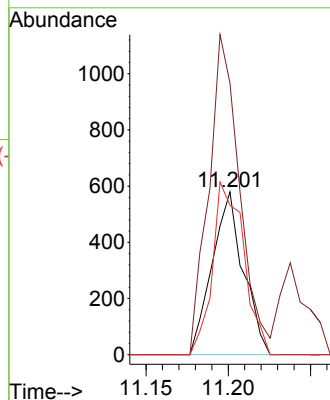
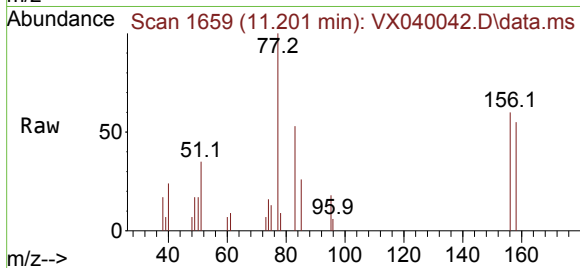
Tgt Ion:156 Resp: 763

Ion Ratio Lower Upper

156 100

77 194.9 88.4 265.3

158 106.3 48.0 144.0



#78

n-propylbenzene

Concen: 0.661 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040042.D

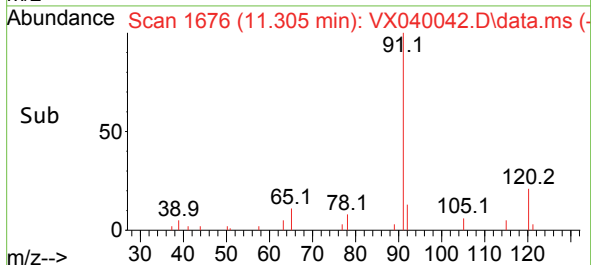
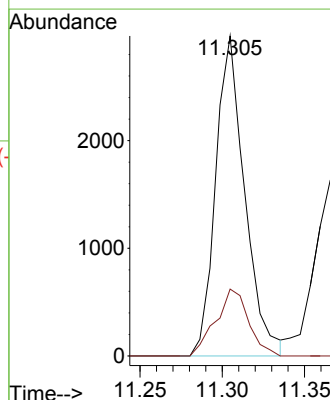
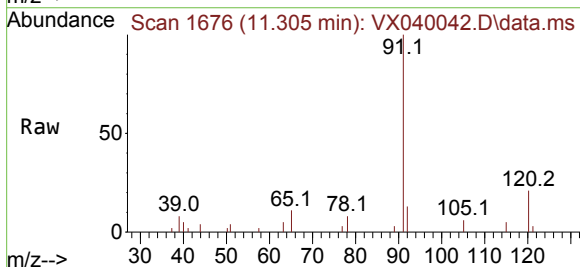
Acq: 31 Jan 2024 12:50

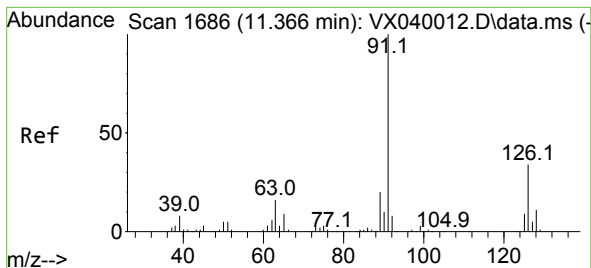
Tgt Ion: 91 Resp: 3655

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.679 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

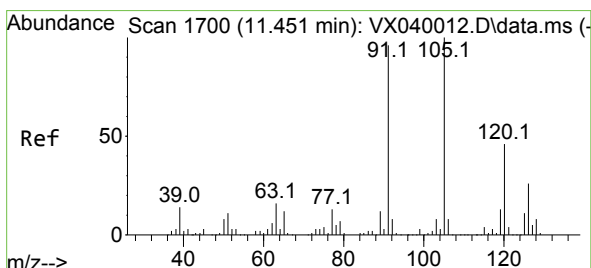
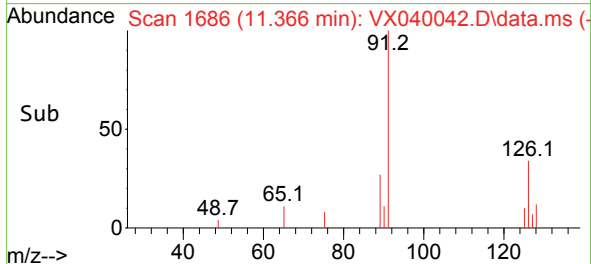
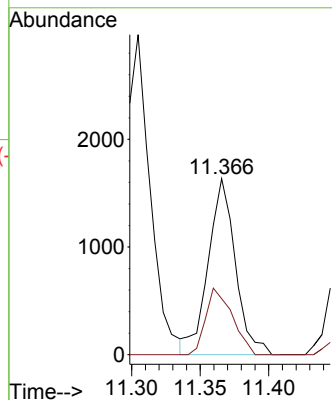
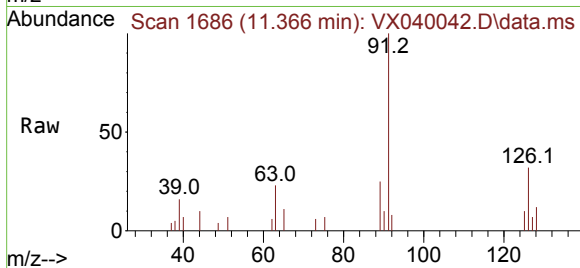
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 2260

Ion Ratio Lower Upper

91 100

126 36.8 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.590 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040042.D

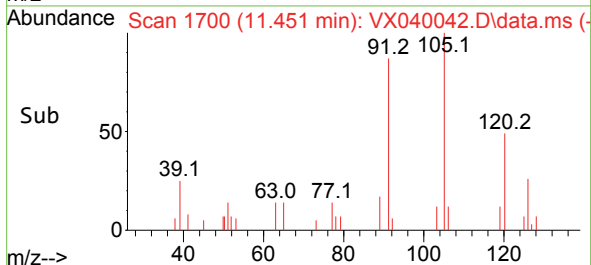
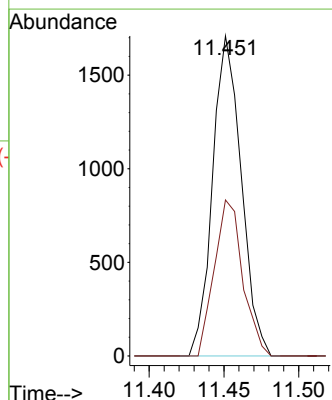
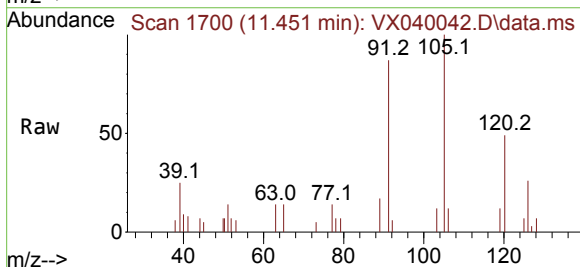
Acq: 31 Jan 2024 12:50

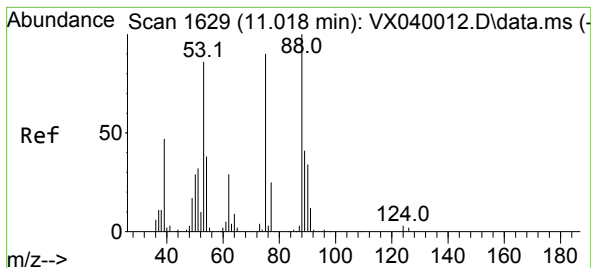
Tgt Ion: 105 Resp: 2277

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 84.880 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

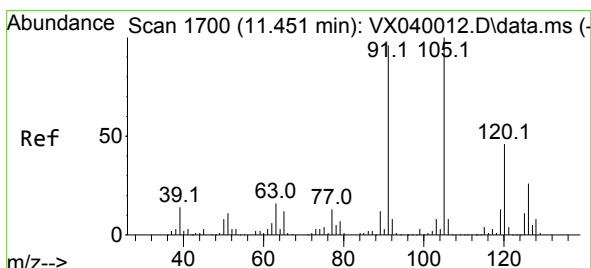
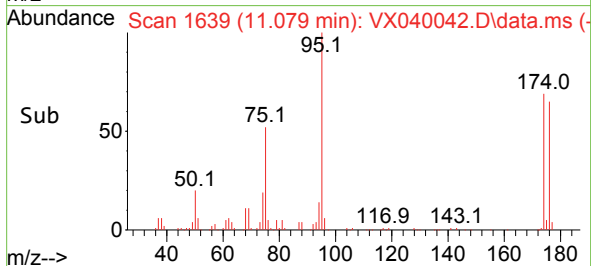
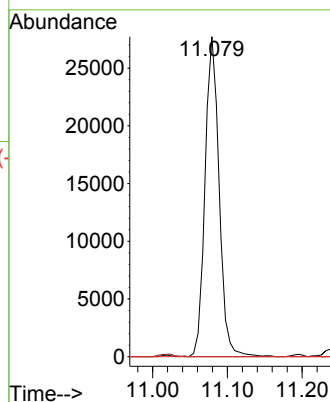
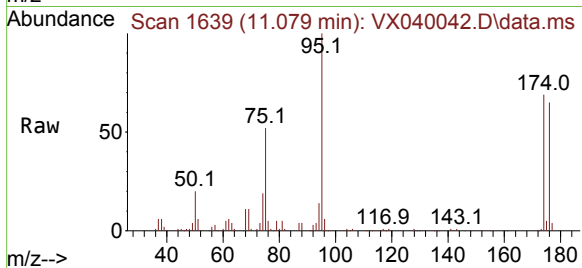
Tgt Ion: 75 Resp: 36279

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#



#82

4-Chlorotoluene

Concen: 0.760 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX040042.D

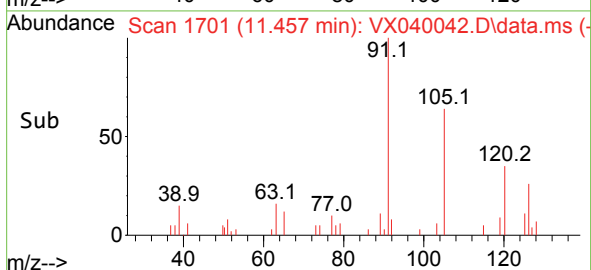
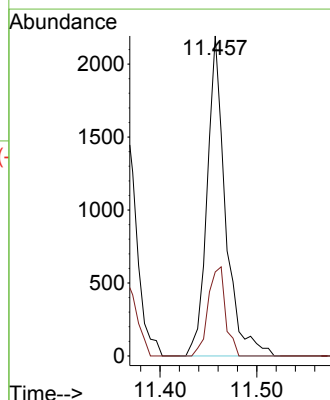
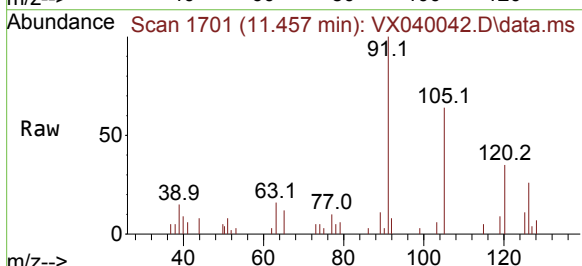
Acq: 31 Jan 2024 12:50

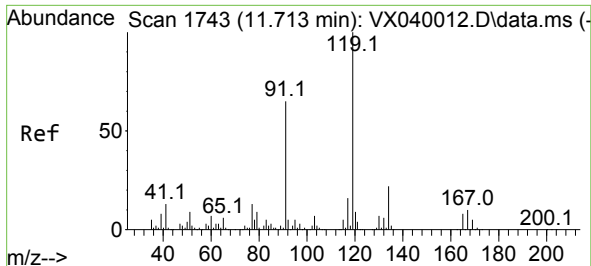
Tgt Ion: 91 Resp: 2903

Ion Ratio Lower Upper

91 100

126 26.3 14.2 42.6

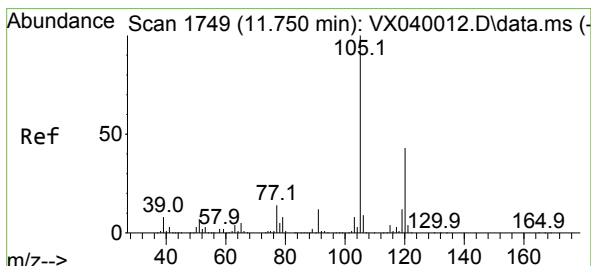
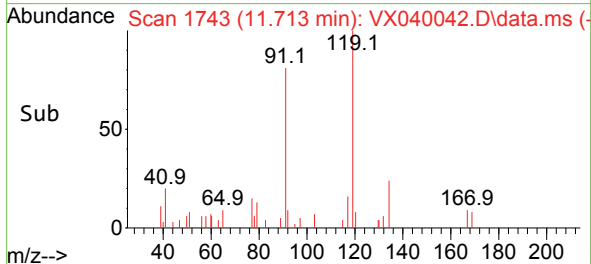
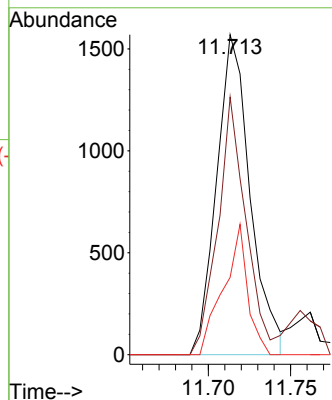
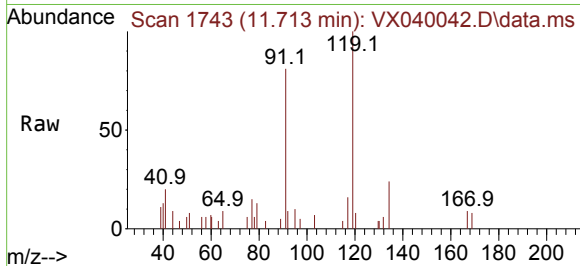




#83
tert-Butylbenzene
Concen: 0.604 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

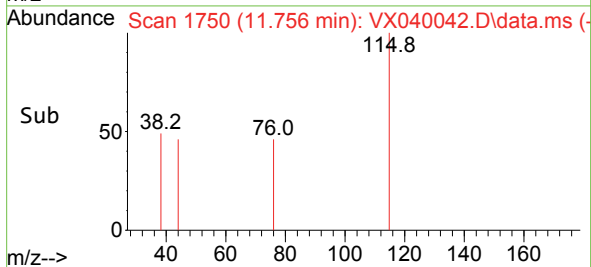
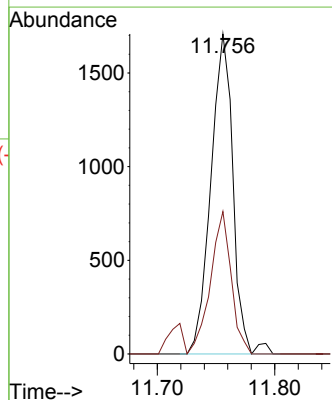
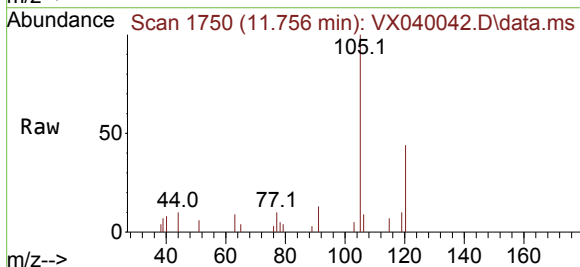
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

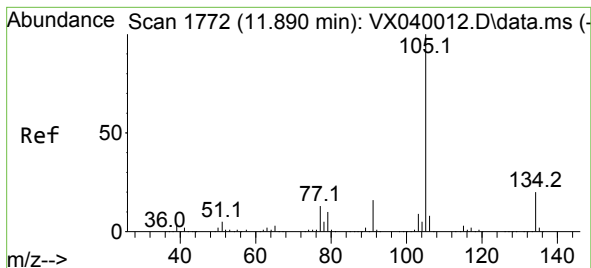
Tgt Ion:	119	Resp:	2230
Ion	Ratio	Lower	Upper
119	100		
91	67.0	31.2	93.6
134	29.3	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 0.580 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion:	105	Resp:	2234
Ion	Ratio	Lower	Upper
105	100		
120	41.8	21.2	63.6





#85

sec-Butylbenzene

Concen: 0.673 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

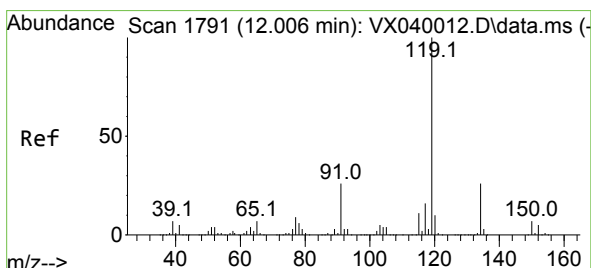
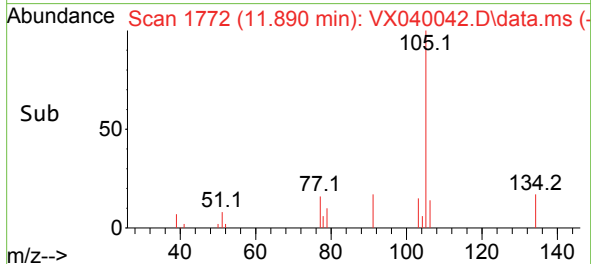
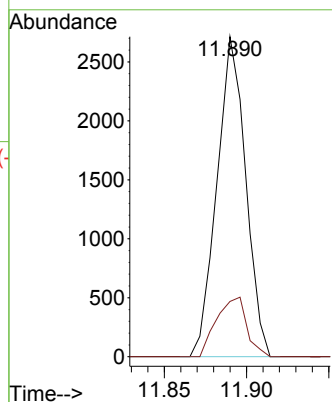
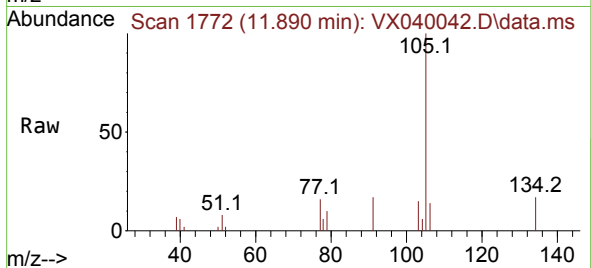
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 3293

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.673 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

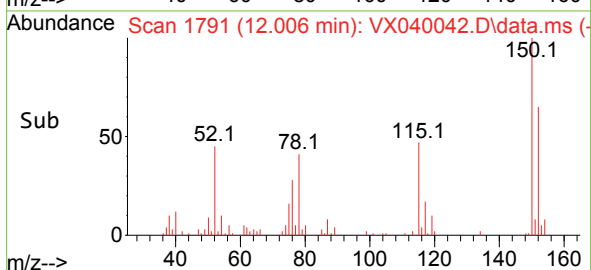
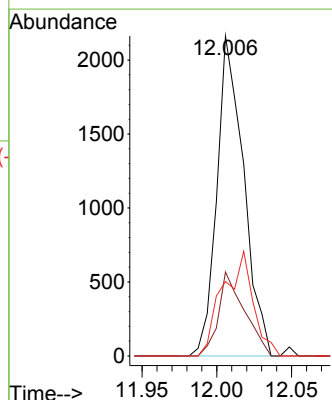
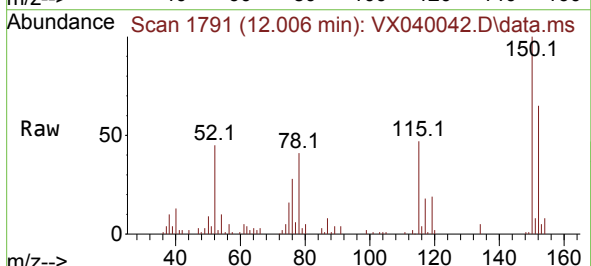
Tgt Ion:119 Resp: 2688

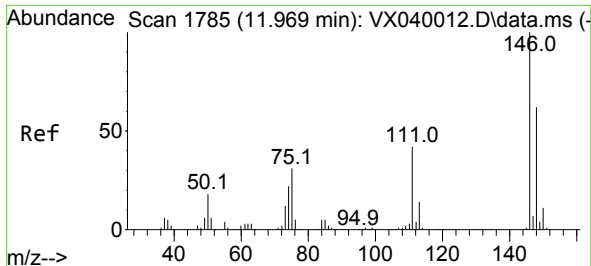
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

91 37.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.802 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

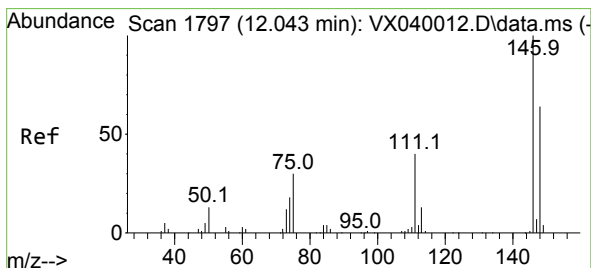
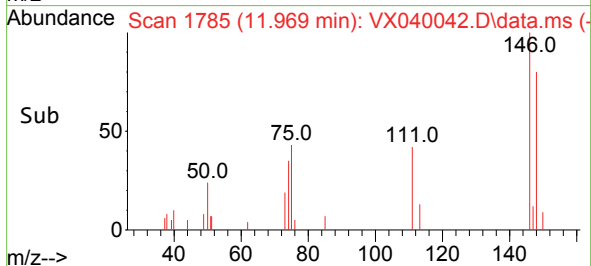
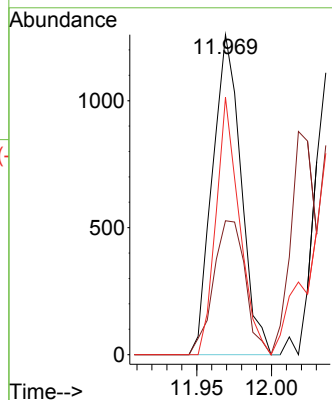
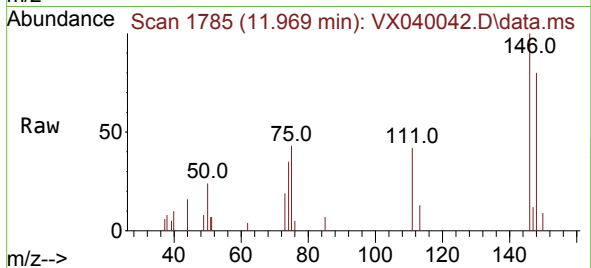
Tgt Ion:146 Resp: 1675

Ion Ratio Lower Upper

146 100

111 46.6 22.1 66.1

148 65.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.783 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

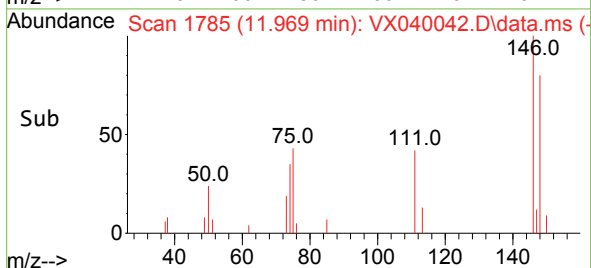
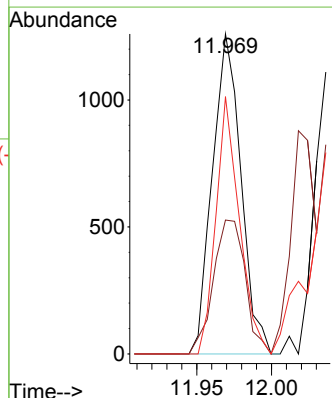
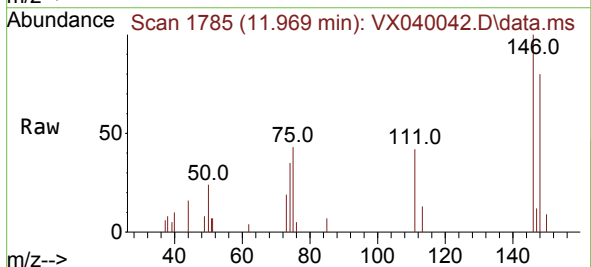
Tgt Ion:146 Resp: 1675

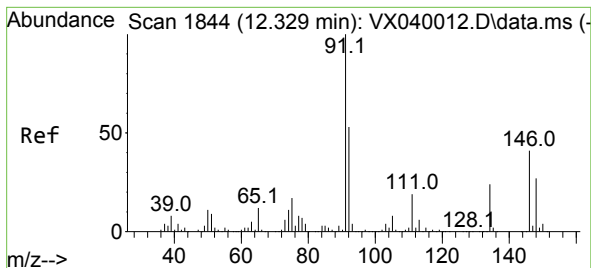
Ion Ratio Lower Upper

146 100

111 46.6 21.3 63.7

148 65.9 31.8 95.4





#89

n-Butylbenzene

Concen: 0.558 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

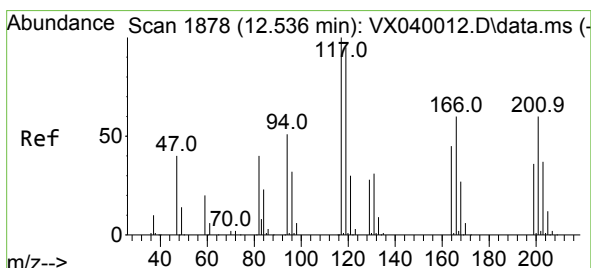
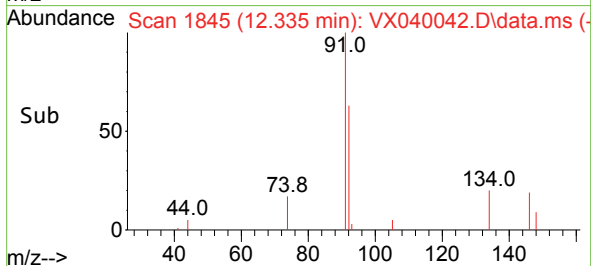
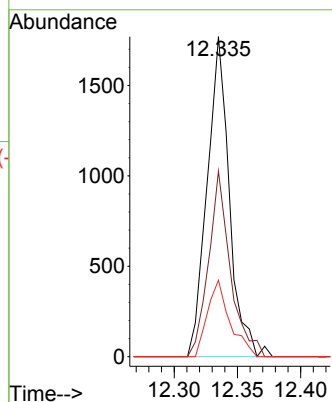
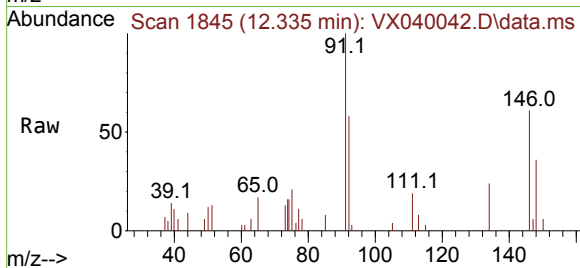
Tgt Ion: 91 Resp: 2166

Ion Ratio Lower Upper

91 100

92 57.0 27.4 82.0

134 24.1 12.6 37.8



#90

Hexachloroethane

Concen: 0.589 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040042.D

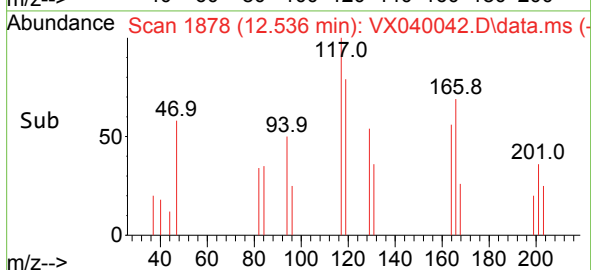
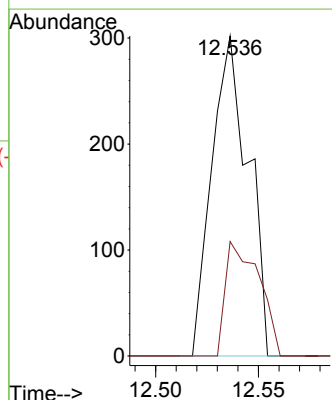
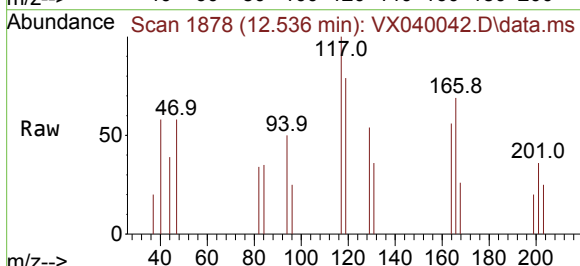
Acq: 31 Jan 2024 12:50

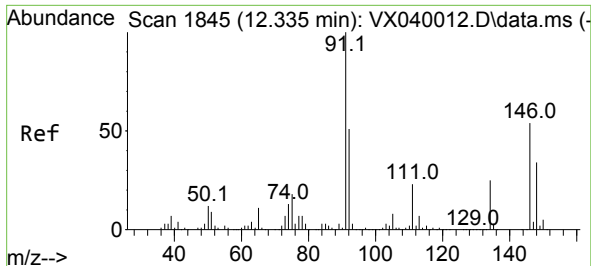
Tgt Ion: 117 Resp: 372

Ion Ratio Lower Upper

117 100

201 33.1 32.9 98.6

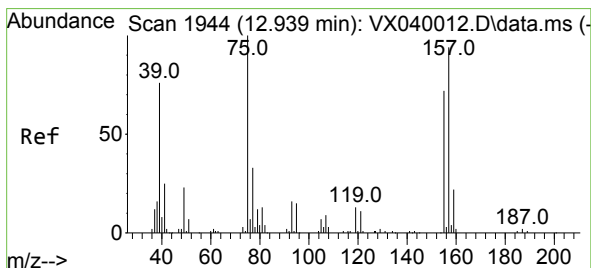
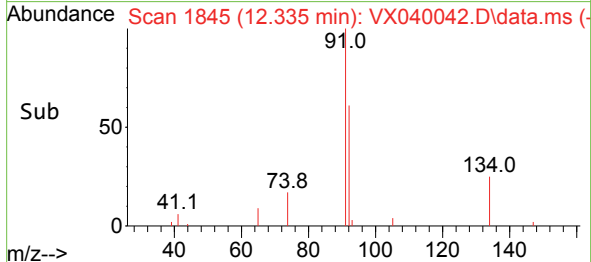
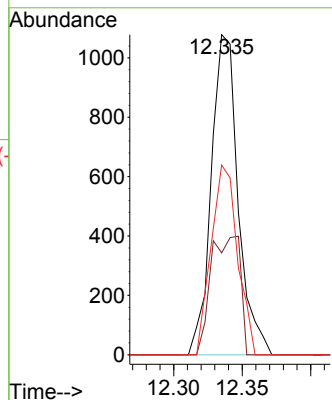
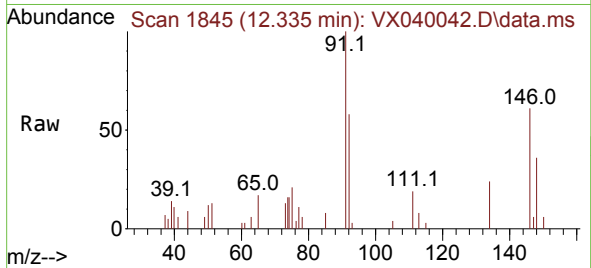




#91
1,2-Dichlorobenzene
Concen: 0.728 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

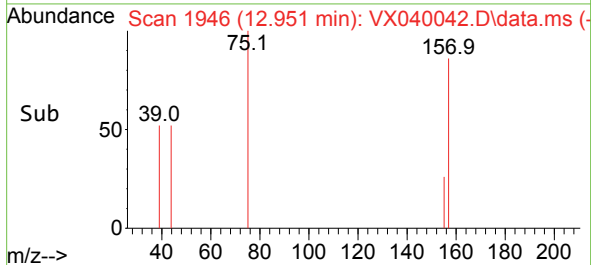
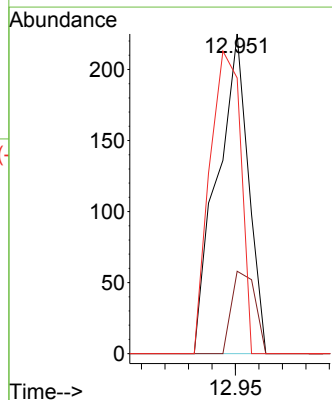
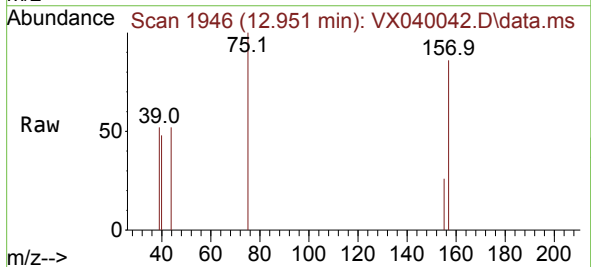
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

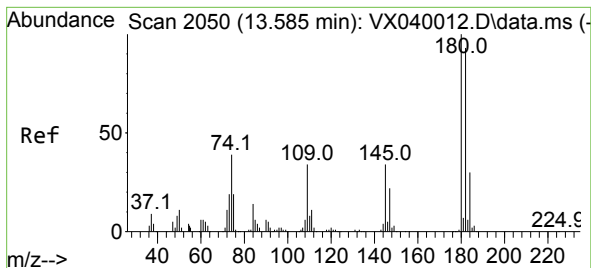
Tgt Ion:146 Resp: 1467
Ion Ratio Lower Upper
146 100
111 40.7 22.4 67.0
148 58.1 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.541 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.012 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 75 Resp: 207
Ion Ratio Lower Upper
75 100
155 19.3 36.1 108.5#
157 94.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.597 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

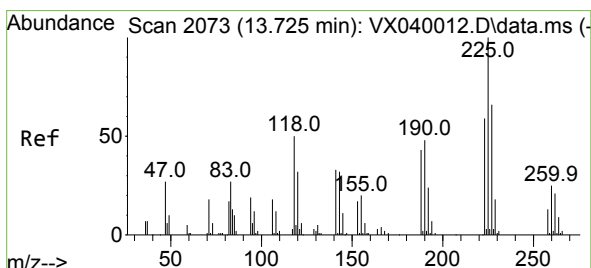
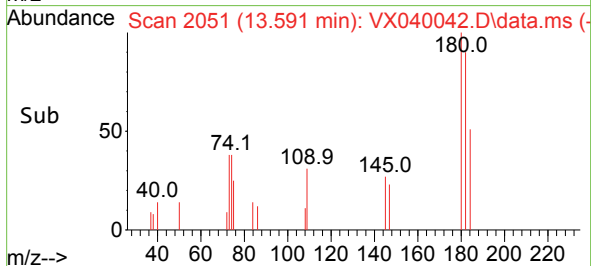
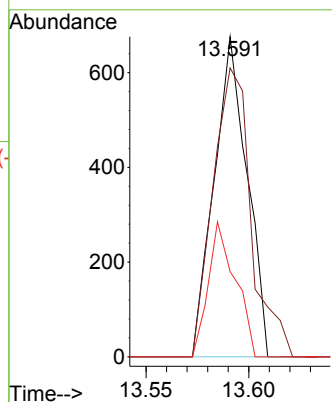
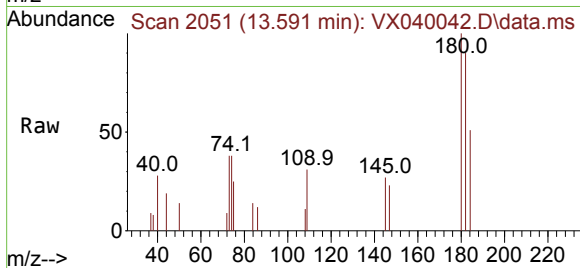
Tgt Ion:180 Resp: 752

Ion Ratio Lower Upper

180 100

182 104.8 48.3 144.8

145 34.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.627 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

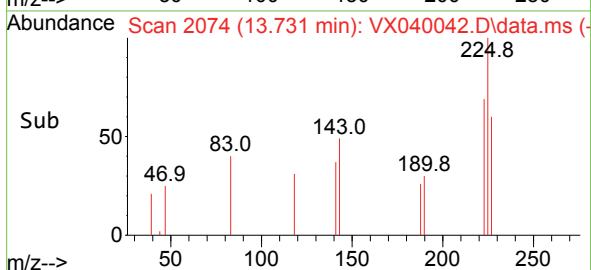
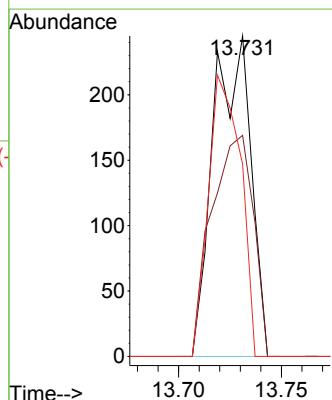
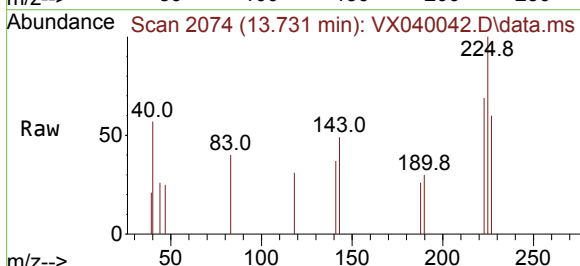
Tgt Ion:225 Resp: 311

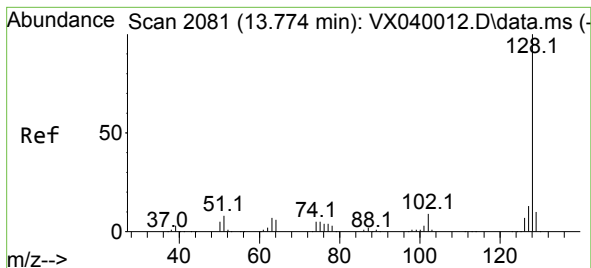
Ion Ratio Lower Upper

225 100

223 76.8 31.1 93.2

227 75.2 32.5 97.5





#95

Naphthalene

Concen: 0.578 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX040042.D

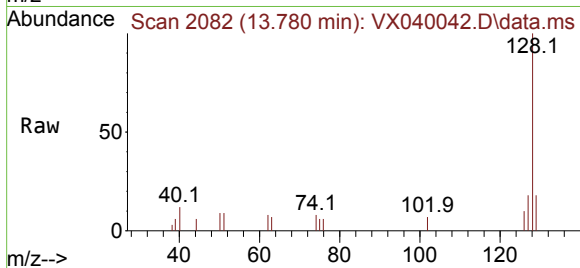
Acq: 31 Jan 2024 12:50

Instrument :

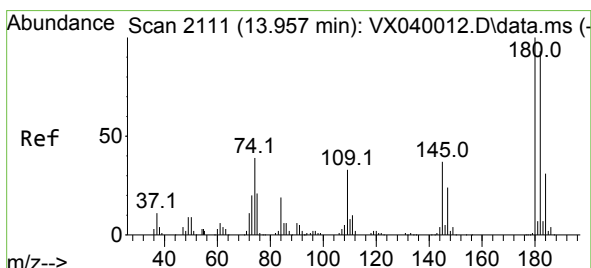
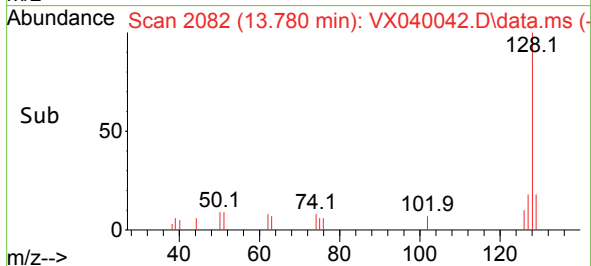
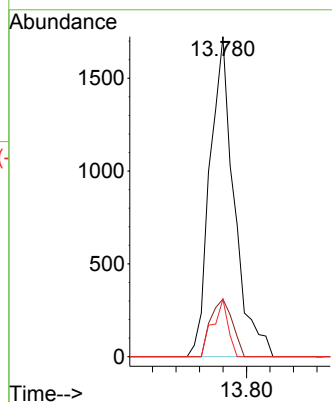
MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion:	128	Resp:	2471
Ion	Ratio	Lower	Upper
128	100		
127	16.1	10.3	15.5#
129	11.4	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.544 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.012 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion:	180	Resp:	677
Ion	Ratio	Lower	Upper
180	100		
182	109.3	46.9	140.6
145	52.6	17.8	53.5

