

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044957.D
 Acq On : 14 Feb 2025 13:34
 Operator : JC/MD
 Sample : Q1168-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Feb 14 14:28:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	111064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	174217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75328	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73478	45.20	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.40%
35) Dibromofluoromethane	5.379	113	57518	43.77	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.54%
50) Toluene-d8	8.647	98	207896	41.84	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	83.68%#
62) 4-Bromofluorobenzene	11.079	95	69405	41.43	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	82.86%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1040	0.67	ug/l	94
3) Chloromethane	1.306	50	1412	0.74	ug/l	99
4) Vinyl Chloride	1.374	62	1162	0.63	ug/l	92
5) Bromomethane	1.599	94	649	1.18	ug/l	87
6) Chloroethane	1.678	64	934	2.39	ug/l #	70
7) Trichlorofluoromethane	1.880	101	1829	0.79	ug/l	98
8) Diethyl Ether	2.130	74	718	0.85	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	929	0.66	ug/l	98
10) Methyl Iodide	2.440	142	1307	0.72	ug/l #	94
11) Tert butyl alcohol	2.953	59	2533	8.40	ug/l #	73
12) 1,1-Dichloroethene	2.312	96	1068	0.75	ug/l	98
13) Acrolein	2.227	56	1180	3.79	ug/l	92
14) Allyl chloride	2.654	41	2083	0.81	ug/l #	72
15) Acrylonitrile	3.062	53	3103	3.85	ug/l	99
16) Acetone	2.379	43	2940	4.50	ug/l	98
17) Carbon Disulfide	2.501	76	2644	0.67	ug/l #	95
18) Methyl Acetate	2.703	43	1701	0.82	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	3208	0.70	ug/l #	89
20) Methylene Chloride	2.788	84	1301	0.81	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	1087	0.77	ug/l #	80
22) Diisopropyl ether	3.757	45	3390	0.69	ug/l #	38
23) Vinyl Acetate	3.733	43	12664	3.17	ug/l	99
24) 1,1-Dichloroethane	3.611	63	2014	0.74	ug/l #	83
25) 2-Butanone	4.580	43	3612	3.40	ug/l #	85
26) 2,2-Dichloropropane	4.458	77	1446	0.67	ug/l #	58
27) cis-1,2-Dichloroethene	4.483	96	491	0.29	ug/l #	1
28) Bromochloromethane	4.897	49	821	0.62	ug/l #	62
29) Tetrahydrofuran	5.007	42	2808	3.98	ug/l	99
30) Chloroform	5.092	83	1906	0.72	ug/l	100
31) Cyclohexane	5.464	56	1796	0.71	ug/l #	77
32) 1,1,1-Trichloroethane	5.373	97	1648	0.73	ug/l #	52
36) 1,1-Dichloropropene	5.690	75	1590	0.84	ug/l #	82
37) Ethyl Acetate	4.739	43	1025	0.49	ug/l #	77
38) Carbon Tetrachloride	5.672	117	1473	0.79	ug/l #	84
39) Methylcyclohexane	7.372	83	1649	0.67	ug/l	92
40) Benzene	6.043	78	4256	0.72	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	297	0.26	ug/l #	55
42) 1,2-Dichloroethane	6.098	62	1531	0.81	ug/l #	74
43) Isopropyl Acetate	6.354	43	2064	0.61	ug/l #	82
44) Trichloroethene	7.129	130	951	0.70	ug/l	94
45) 1,2-Dichloropropane	7.440	63	994	0.67	ug/l	90
46) Dibromomethane	7.592	93	738	0.72	ug/l	97
47) Bromodichloromethane	7.824	83	1460	0.74	ug/l #	89
48) Methyl methacrylate	7.708	41	913	0.57	ug/l #	90
49) 1,4-Dioxane	7.677	88	447	12.98	ug/l #	77
51) 4-Methyl-2-Pentanone	8.573	43	7255	3.50	ug/l	95
52) Toluene	8.720	92	2587	0.73	ug/l	98
53) t-1,3-Dichloropropene	8.988	75	1091	0.55	ug/l	98
54) cis-1,3-Dichloropropene	8.378	75	1179	0.53	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	979	0.72	ug/l #	72
56) Ethyl methacrylate	9.128	69	1219	0.56	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	1856	0.78	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.250	63	2468	2.30	ug/l	97
59) 2-Hexanone	9.439	43	5119	3.43	ug/l	94
60) Dibromochloromethane	9.518	129	954	0.66	ug/l	93
61) 1,2-Dibromoethane	9.610	107	873	0.64	ug/l	88
64) Tetrachloroethene	9.268	164	844	0.77	ug/l	86
65) Chlorobenzene	10.073	112	2858	0.76	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	10.165	131	826	0.69	ug/l #	64
67) Ethyl Benzene	10.195	91	4422	0.67	ug/l	92
68) m/p-Xylenes	10.305	106	3216	1.32	ug/l	92
69) o-Xylene	10.640	106	1711	0.70	ug/l	99
70) Styrene	10.665	104	2436	0.62	ug/l	99
71) Bromoform	10.805	173	626	0.70	ug/l #	98
73) Isopropylbenzene	10.963	105	4048	0.67	ug/l	93
74) N-amyl acetate	10.854	43	1476	0.54	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	1491	0.72	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	1739	1.04	ug/l	79
77) Bromobenzene	11.201	156	1083	0.79	ug/l	85
78) n-propylbenzene	11.305	91	4500	0.64	ug/l	99
79) 2-Chlorotoluene	11.366	91	3335	0.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3260	0.66	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	36092	55.59	ug/l #	11
82) 4-Chlorotoluene	11.457	91	3355	0.70	ug/l	96
83) tert-Butylbenzene	11.713	119	3496	0.70	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3307	0.68	ug/l	98
85) sec-Butylbenzene	11.890	105	4160	0.67	ug/l	99
86) p-Isopropyltoluene	12.006	119	3134	0.63	ug/l	86
87) 1,3-Dichlorobenzene	11.975	146	1759	0.70	ug/l	91
88) 1,4-Dichlorobenzene	11.975	146	1759	0.69	ug/l	91
89) n-Butylbenzene	12.335	91	2352	0.54	ug/l	96
90) Hexachloroethane	12.536	117	515	0.55	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	1873	0.75	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	219	0.58	ug/l	65
93) 1,2,4-Trichlorobenzene	13.591	180	931	0.62	ug/l	95
94) Hexachlorobutadiene	13.725	225	416	0.70	ug/l	93
95) Naphthalene	13.780	128	3094	0.57	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	929	0.61	ug/l	94

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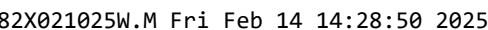
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

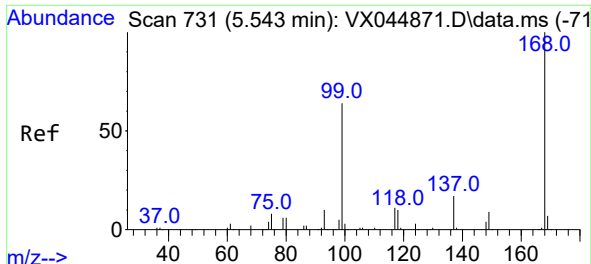
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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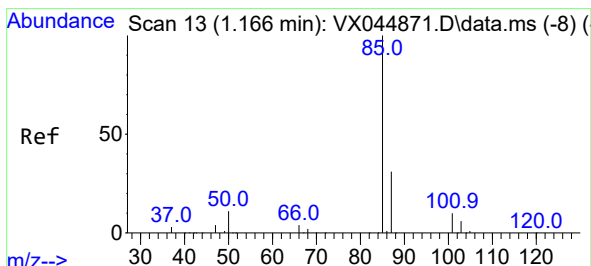
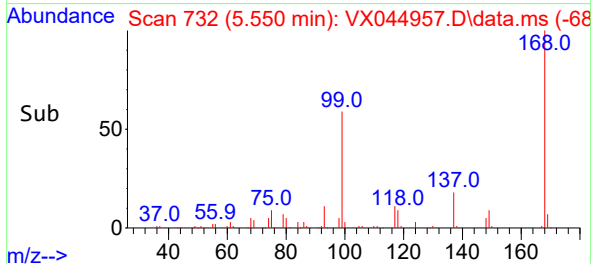
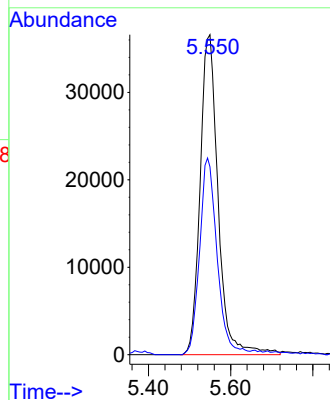
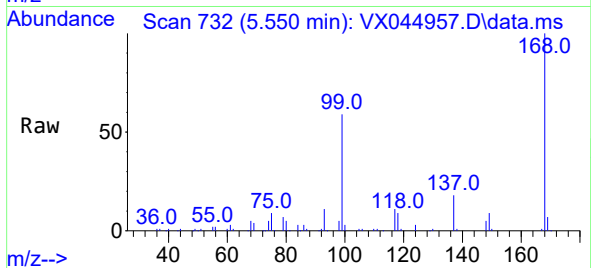




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044957.D
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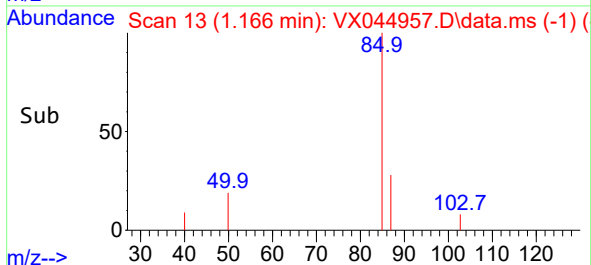
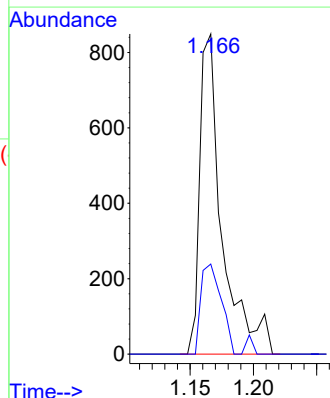
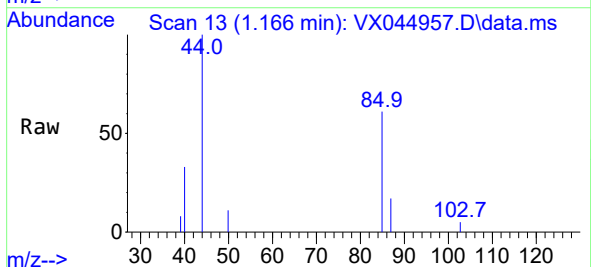
Instrument :
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ClientSampleId :
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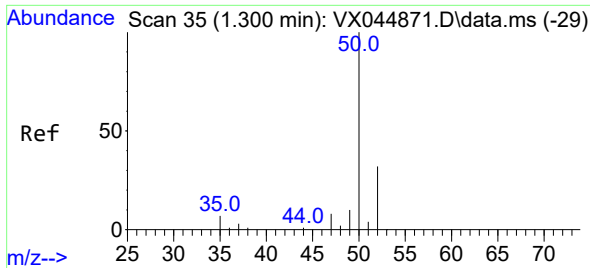
Tgt Ion:168 Resp: 111064
Ion Ratio Lower Upper
168 100
99 58.7 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 0.67 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 85 Resp: 1040
Ion Ratio Lower Upper
85 100
87 28.2 15.8 47.3

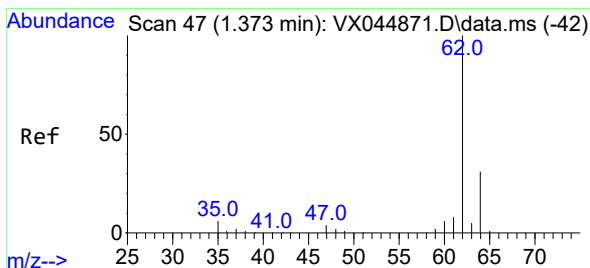
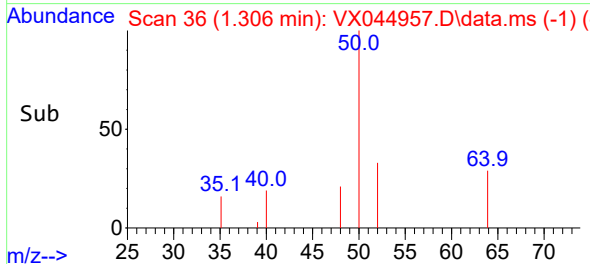
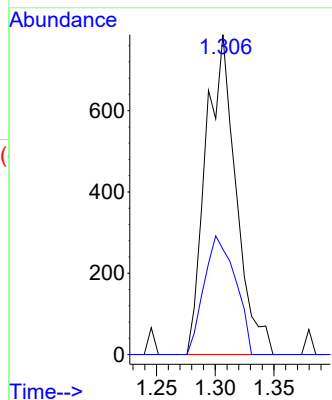
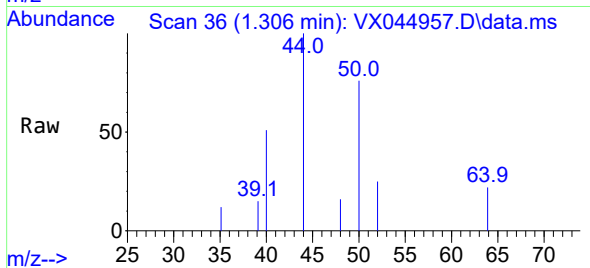




#3
Chloromethane
Concen: 0.74 ug/l
RT: 1.306 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

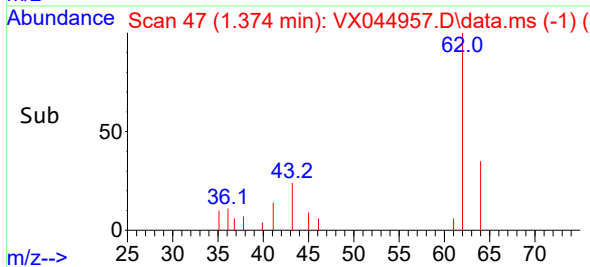
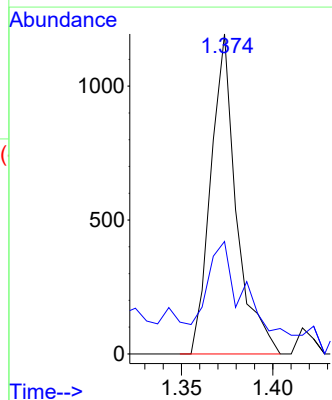
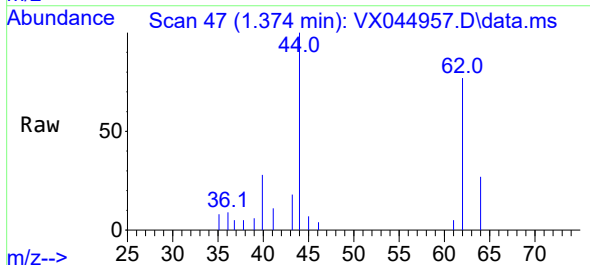
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ClientSampleId :
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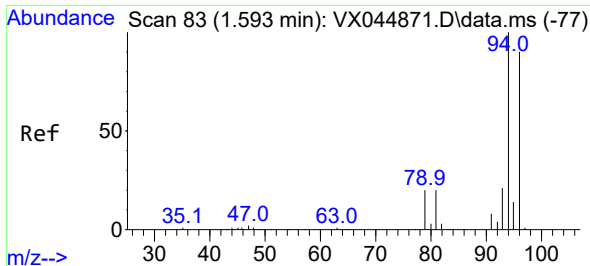
Tgt Ion: 50 Resp: 1412
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 0.63 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 62 Resp: 1162
Ion Ratio Lower Upper
62 100
64 27.2 25.4 38.0

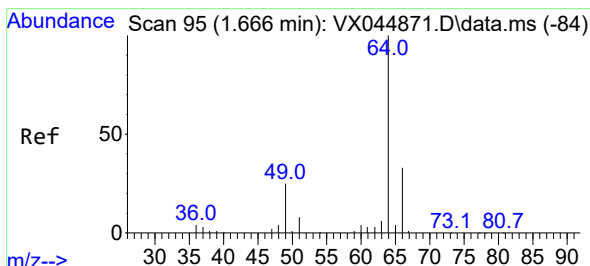
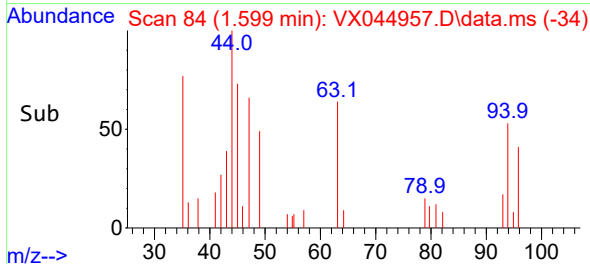
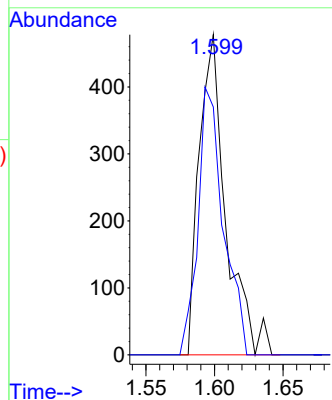
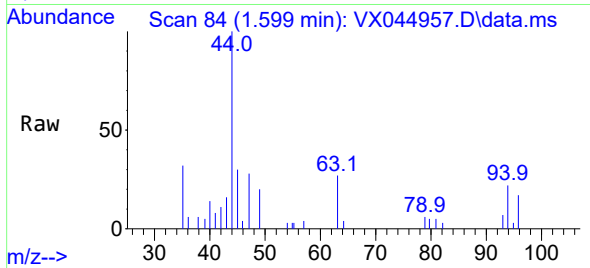




#5
Bromomethane
Concen: 1.18 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

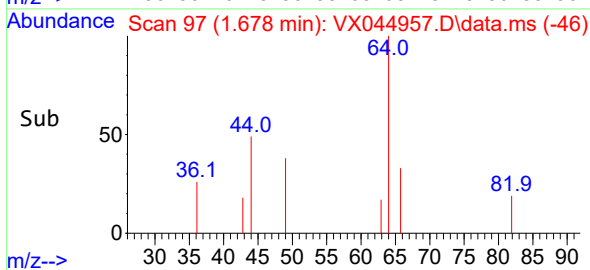
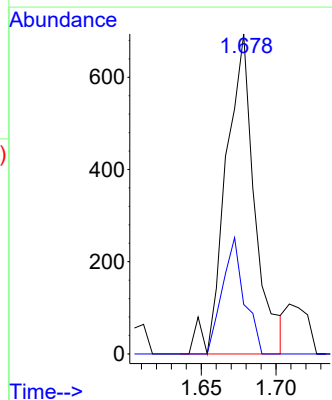
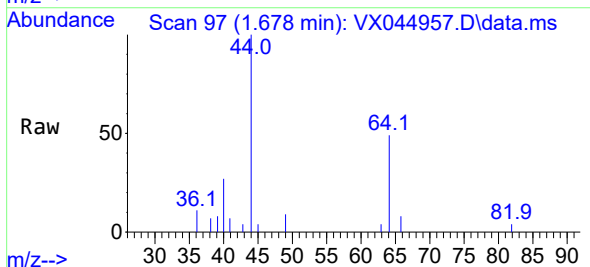
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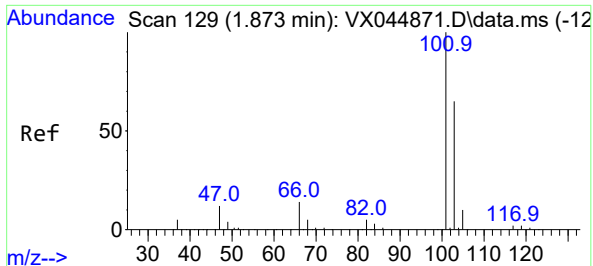
Tgt Ion: 94 Resp: 649
Ion Ratio Lower Upper
94 100
96 77.4 71.6 107.4



#6
Chloroethane
Concen: 2.39 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 64 Resp: 934
Ion Ratio Lower Upper
64 100
66 15.4 25.9 38.9#

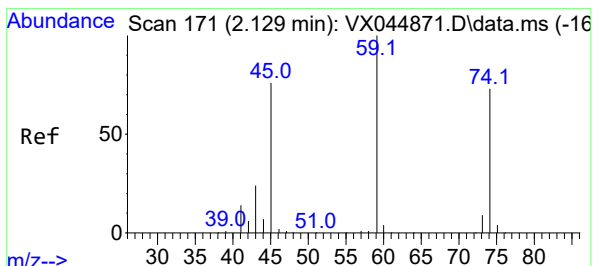
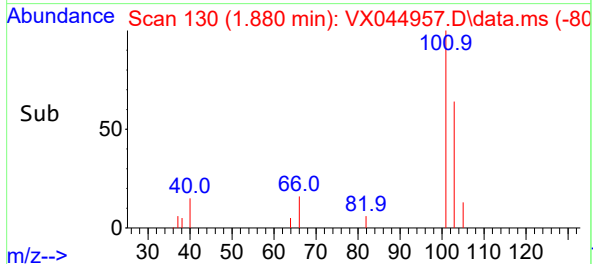
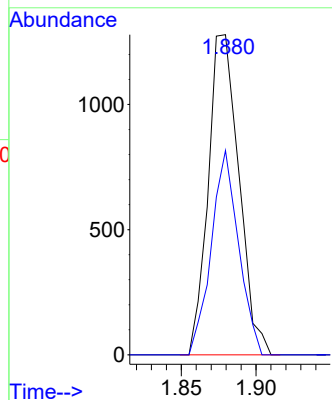
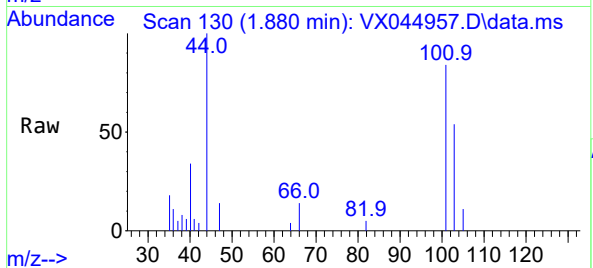




#7
Trichlorofluoromethane
Concen: 0.79 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

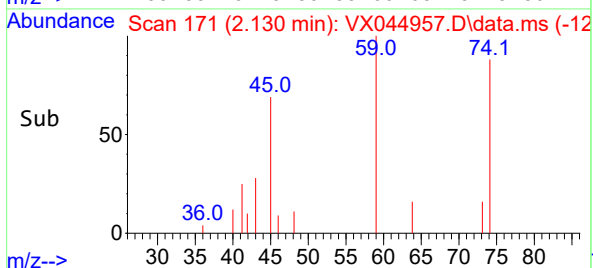
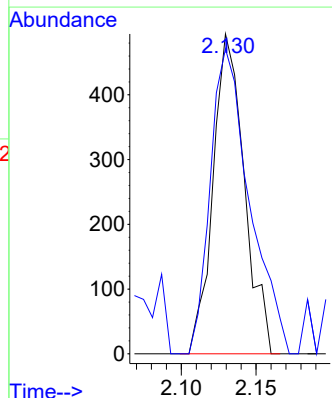
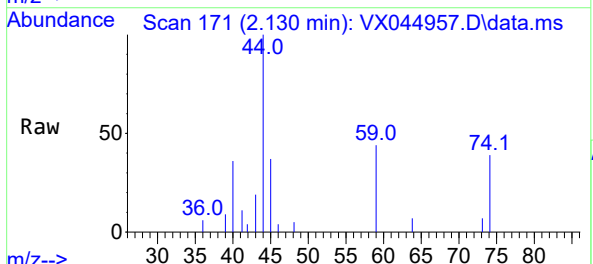
Instrument :
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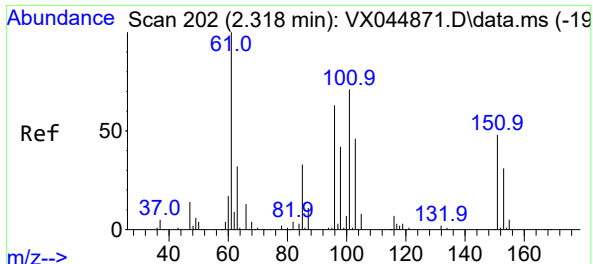
Tgt Ion:101 Resp: 1829
Ion Ratio Lower Upper
101 100
103 63.8 52.4 78.6



#8
Diethyl Ether
Concen: 0.85 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 74 Resp: 718
Ion Ratio Lower Upper
74 100
45 119.9 51.1 153.4

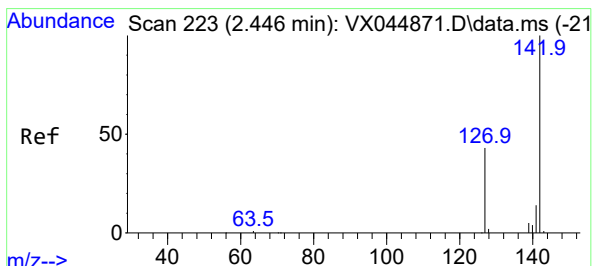
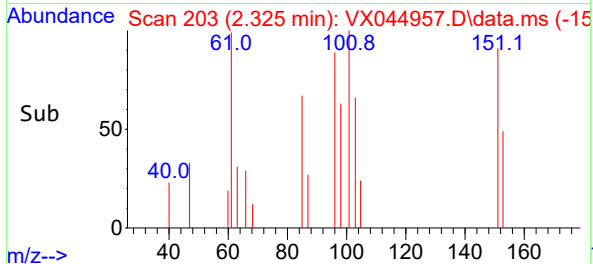
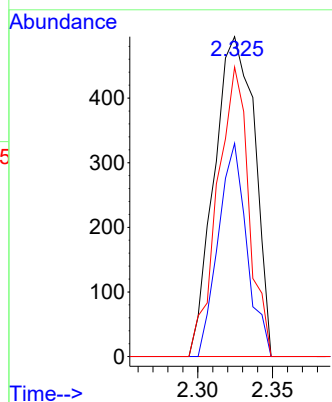
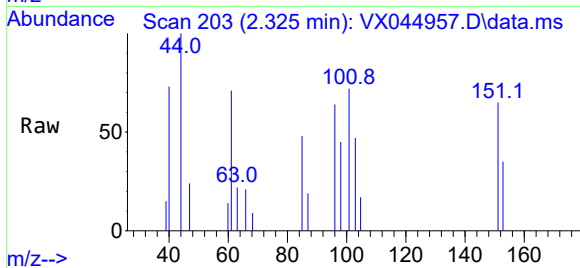




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.66 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

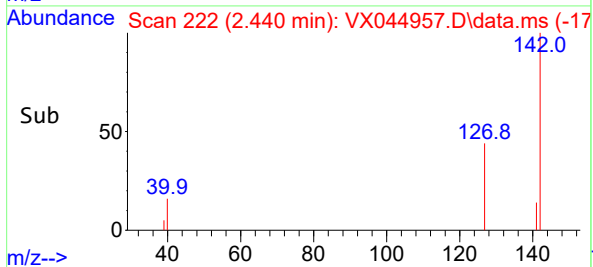
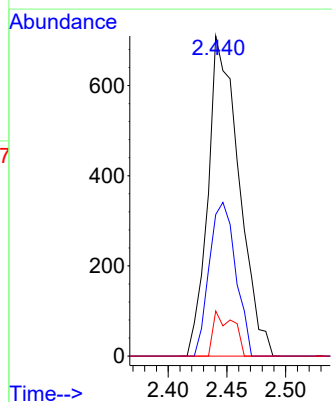
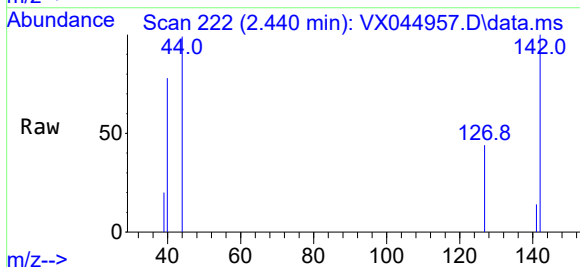
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

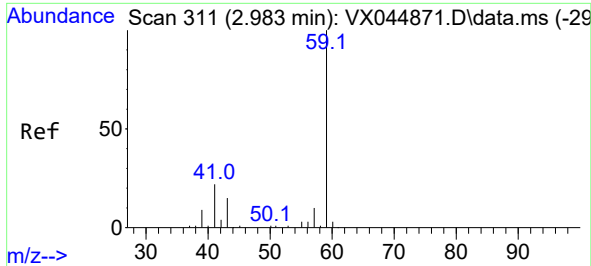
Tgt Ion:101 Resp: 929
Ion Ratio Lower Upper
101 100
85 47.1 35.7 53.5
151 70.7 56.0 84.0



#10
Methyl Iodide
Concen: 0.72 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion:142 Resp: 1307
Ion Ratio Lower Upper
142 100
127 40.8 34.3 51.5
141 9.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 8.40 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.030 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

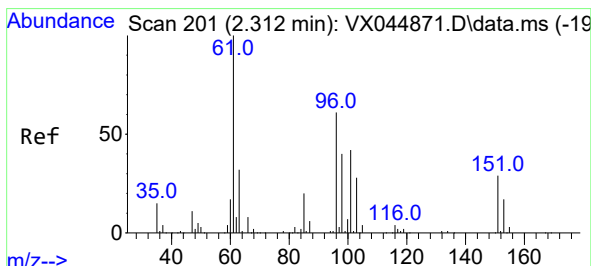
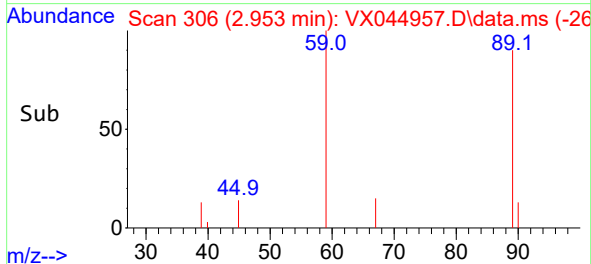
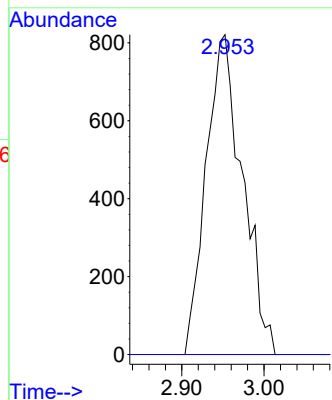
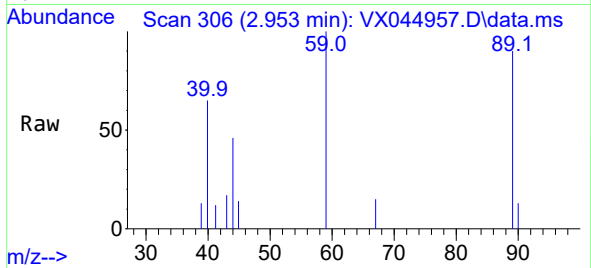
MDL-WATER-03-QT1-2025

Tgt Ion: 59 Resp: 2533

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 0.75 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

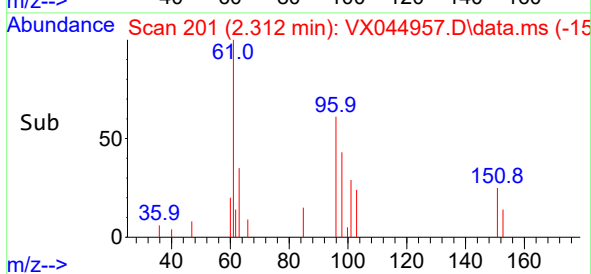
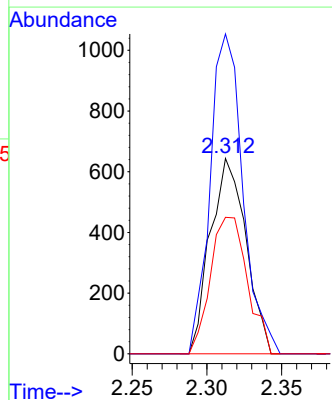
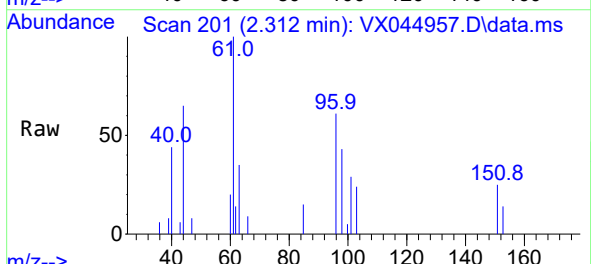
Tgt Ion: 96 Resp: 1068

Ion Ratio Lower Upper

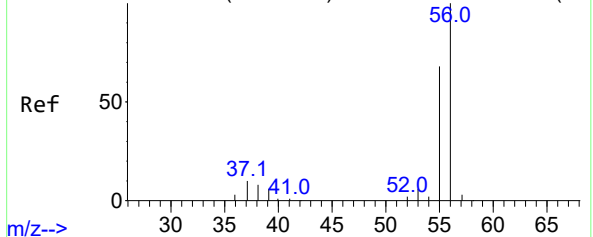
96 100

61 163.7 130.2 195.4

98 69.9 52.2 78.4



Abundance Scan 188 (2.233 min): VX044871.D\data.ms (-18



#13

Acrolein

Concen: 3.79 ug/l

RT: 2.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

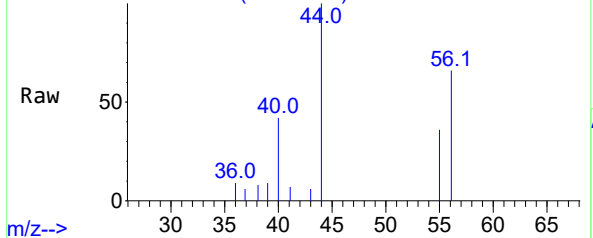
Tgt Ion: 56 Resp: 1180

Ion Ratio Lower Upper

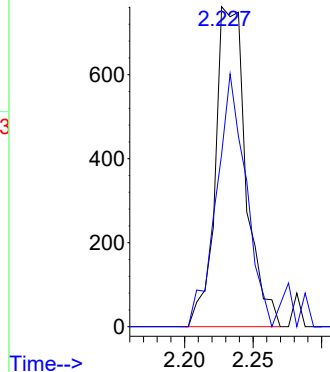
56 100

55 76.5 55.7 83.5

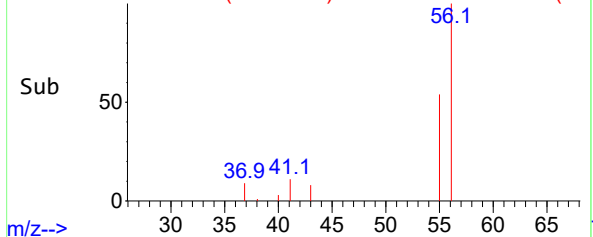
Abundance Scan 187 (2.227 min): VX044957.D\data.ms



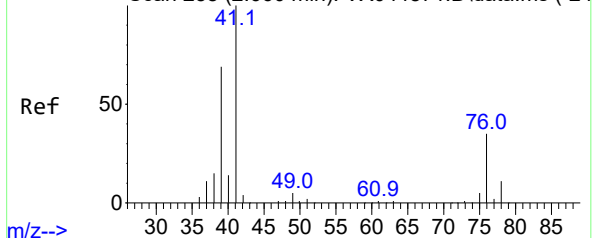
Abundance



Abundance Scan 187 (2.227 min): VX044957.D\data.ms (-13



Abundance Scan 258 (2.660 min): VX044871.D\data.ms (-24



#14

Allyl chloride

Concen: 0.81 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Tgt Ion: 41 Resp: 2083

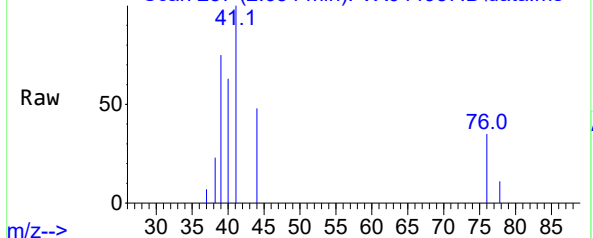
Ion Ratio Lower Upper

41 100

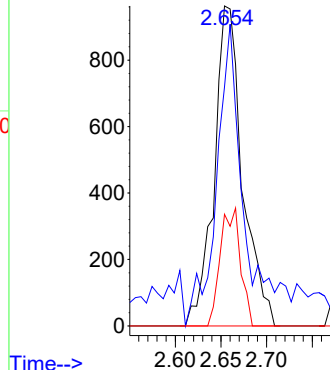
39 91.8 51.4 77.2#

76 26.1 27.0 40.4#

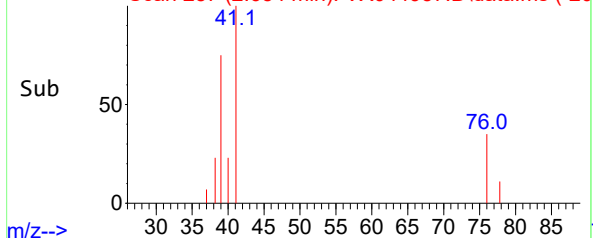
Abundance Scan 257 (2.654 min): VX044957.D\data.ms

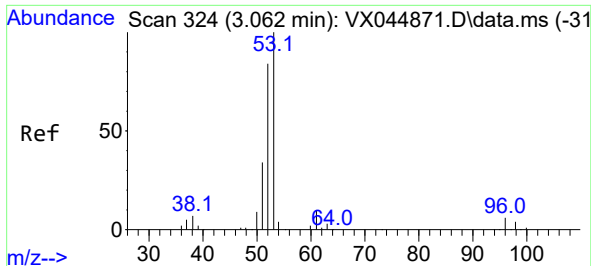


Abundance



Abundance Scan 257 (2.654 min): VX044957.D\data.ms (-20





#15

Acrylonitrile

Concen: 3.85 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

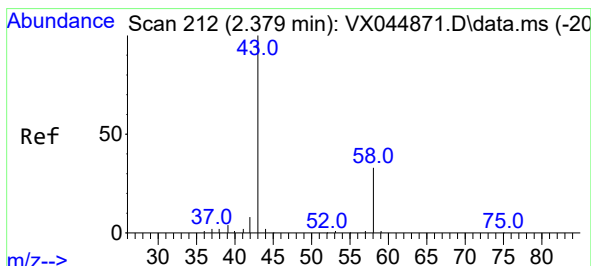
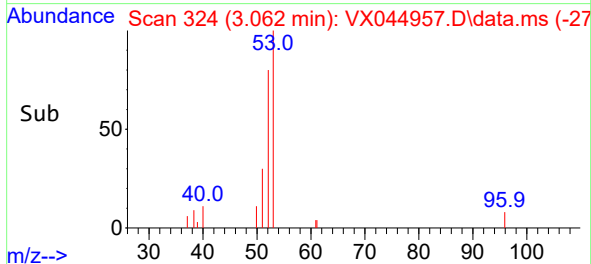
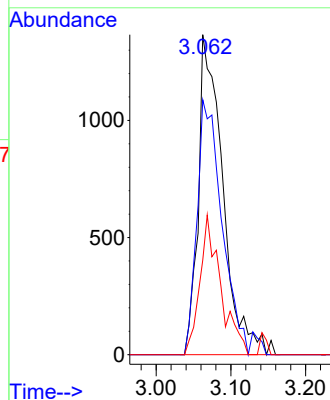
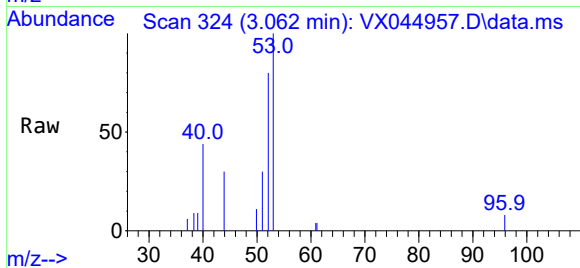
Tgt Ion: 53 Resp: 3103

Ion Ratio Lower Upper

53 100

52 81.1 65.0 97.6

51 37.3 28.0 42.0



#16

Acetone

Concen: 4.50 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX044957.D

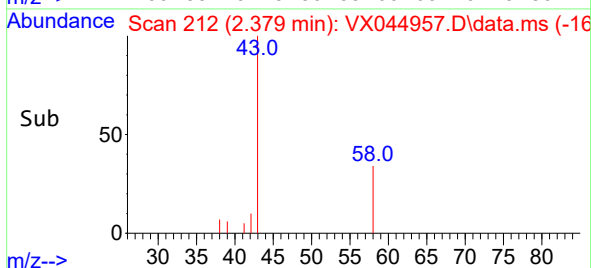
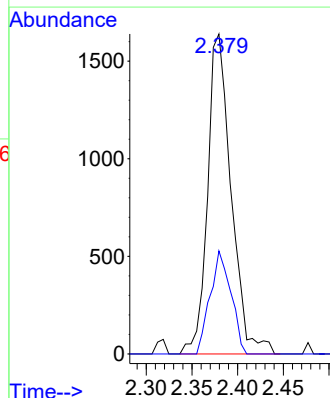
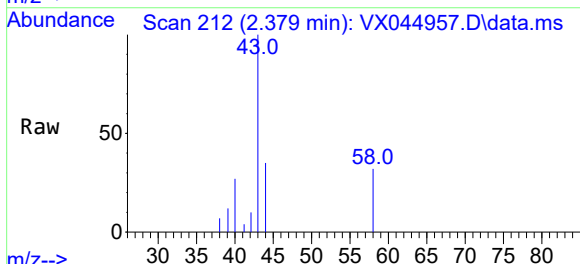
Acq: 14 Feb 2025 13:34

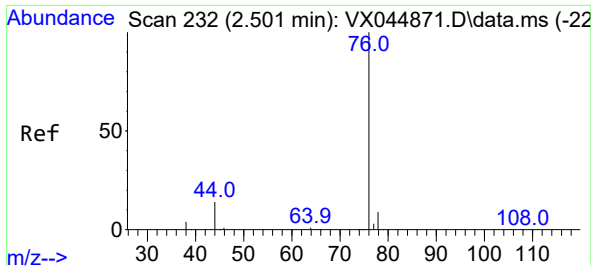
Tgt Ion: 43 Resp: 2940

Ion Ratio Lower Upper

43 100

58 32.2 26.5 39.7

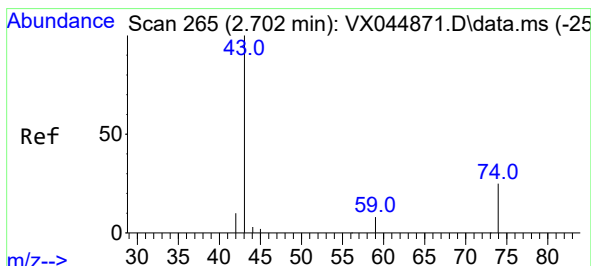
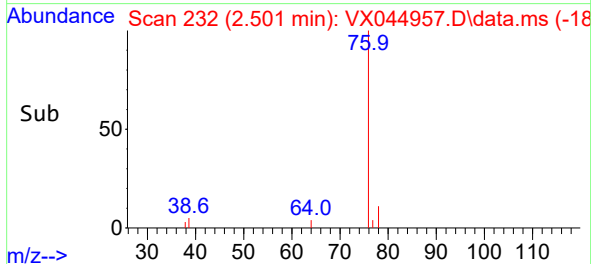
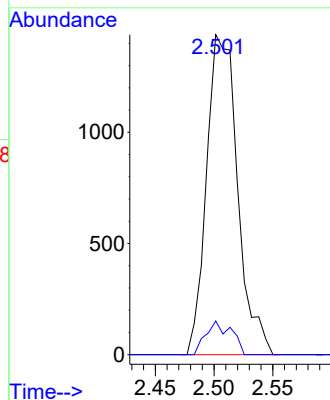
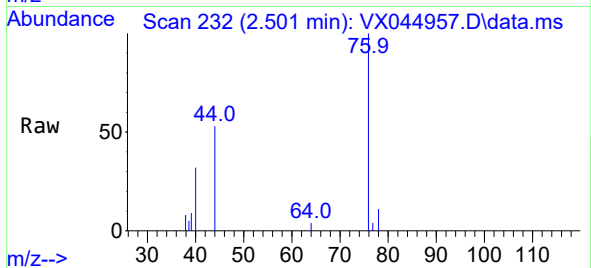




#17
Carbon Disulfide
Concen: 0.67 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

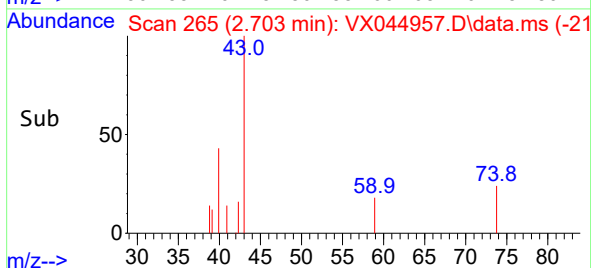
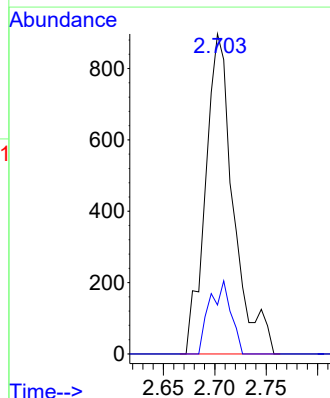
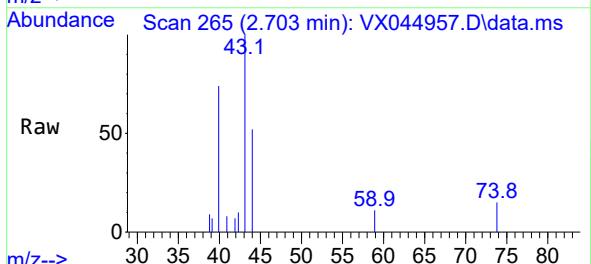
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

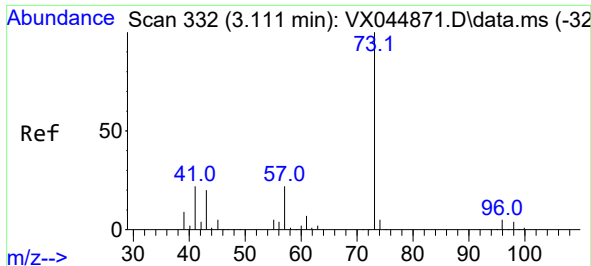
Tgt Ion: 76 Resp: 2644
Ion Ratio Lower Upper
76 100
78 10.6 7.0 10.4#



#18
Methyl Acetate
Concen: 0.82 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 43 Resp: 1701
Ion Ratio Lower Upper
43 100
74 17.3 18.9 28.3#

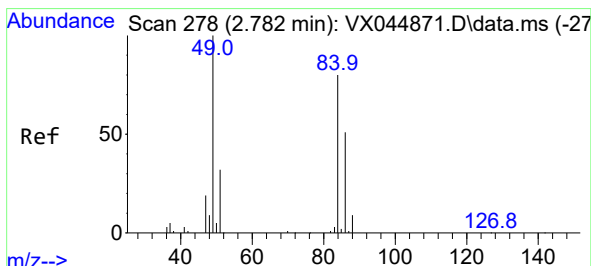
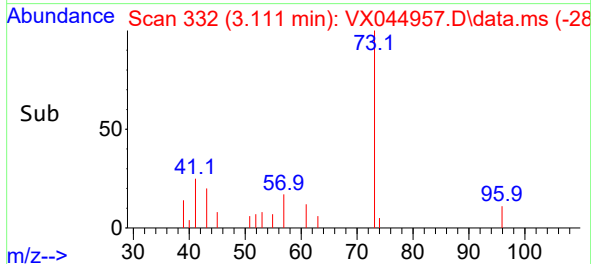
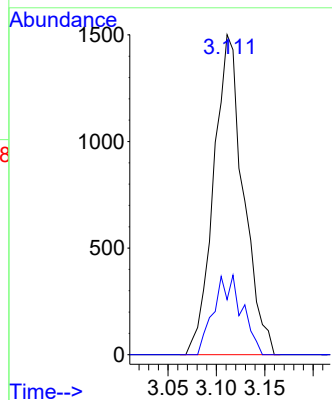
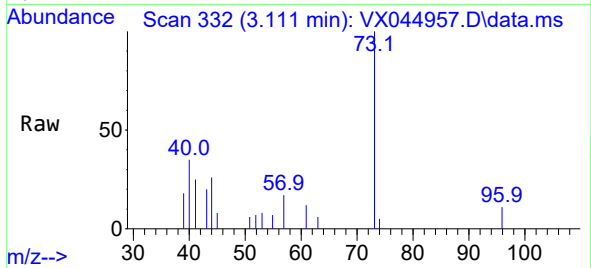




#19
Methyl tert-butyl Ether
Concen: 0.70 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

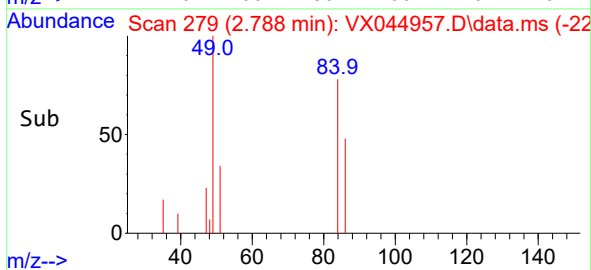
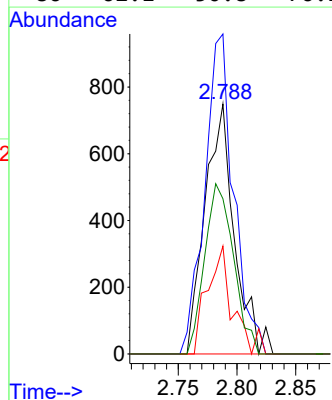
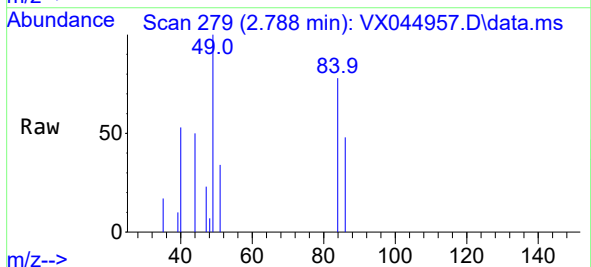
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

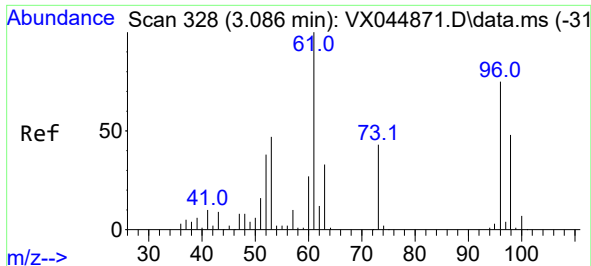
Tgt Ion: 73 Resp: 3208
Ion Ratio Lower Upper
73 100
57 17.2 17.9 26.9#



#20
Methylene Chloride
Concen: 0.81 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 84 Resp: 1301
Ion Ratio Lower Upper
84 100
49 128.0 100.1 150.1
51 43.1 31.7 47.5
86 62.1 50.8 76.2

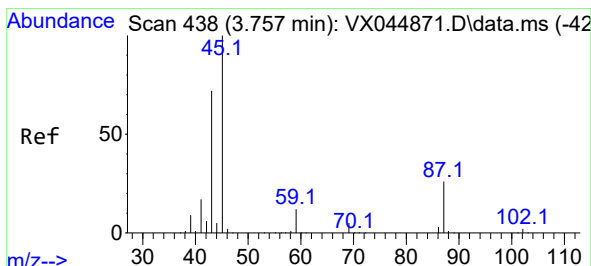
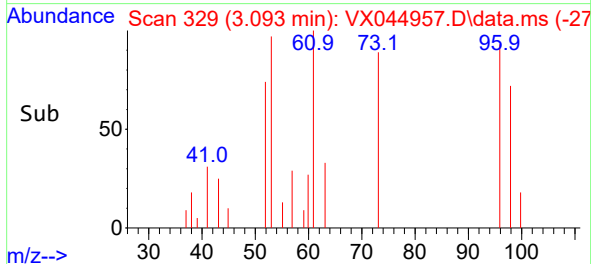
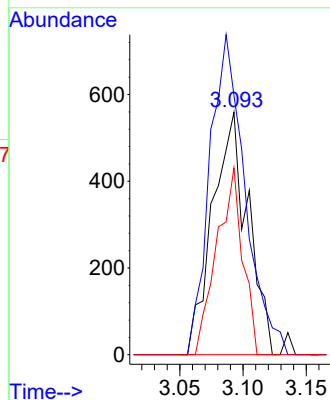
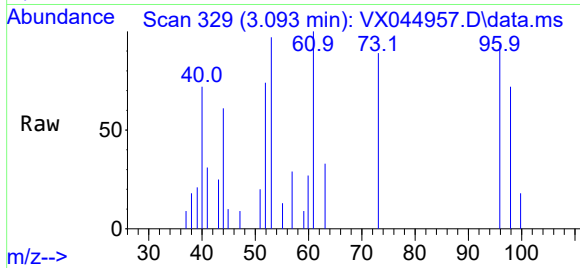




#21
trans-1,2-Dichloroethene
Concen: 0.77 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

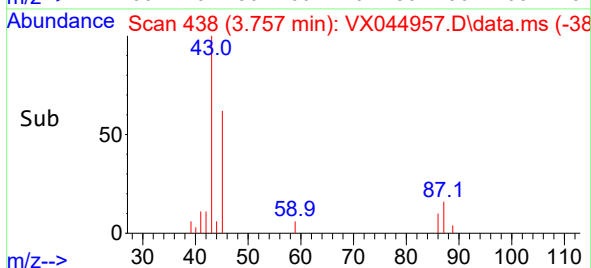
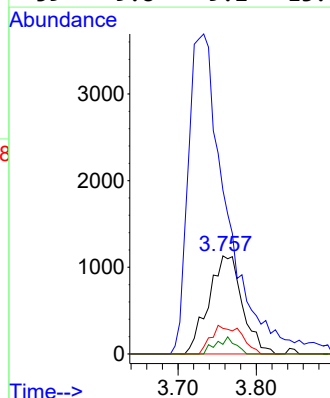
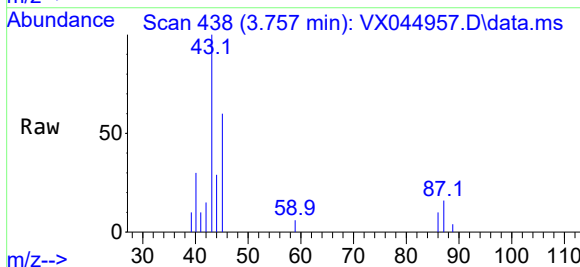
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

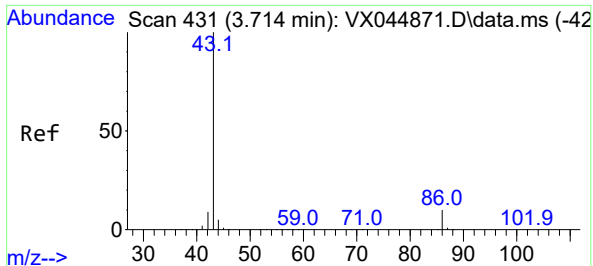
Tgt Ion: 96 Resp: 1087
Ion Ratio Lower Upper
96 100
61 107.0 106.0 159.0
98 77.1 50.6 76.0#



#22
Diisopropyl ether
Concen: 0.69 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 45 Resp: 3390
Ion Ratio Lower Upper
45 100
43 150.2 58.0 87.0#
87 26.1 20.7 31.1
59 9.8 9.2 13.8

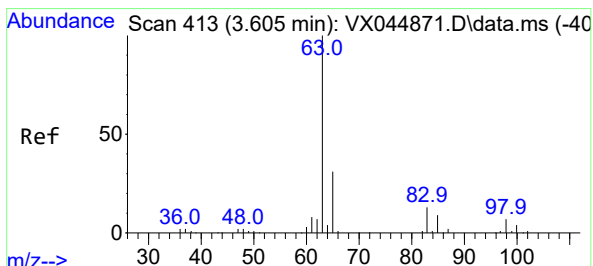
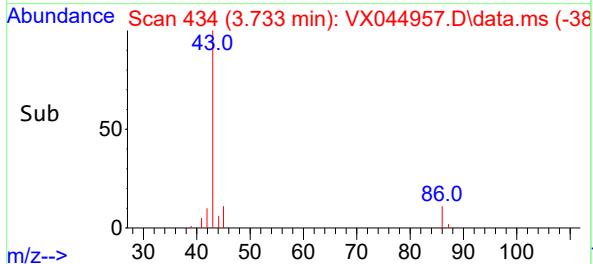
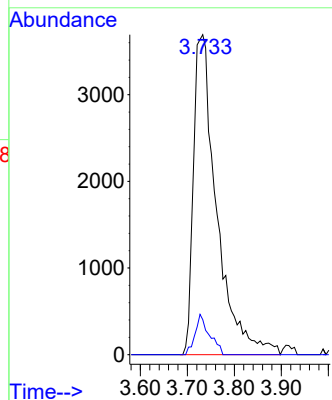
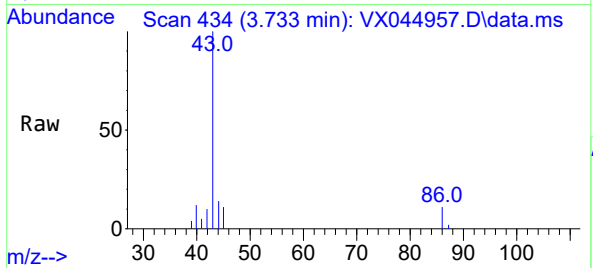




#23
Vinyl Acetate
Concen: 3.17 ug/l
RT: 3.733 min Scan# 41
Delta R.T. 0.018 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

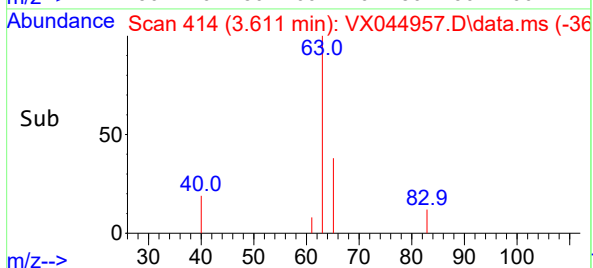
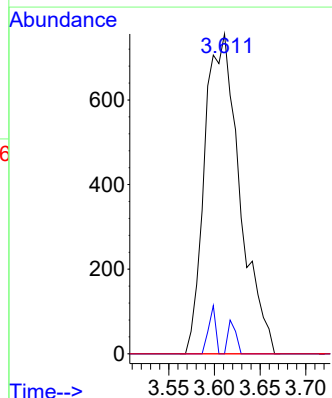
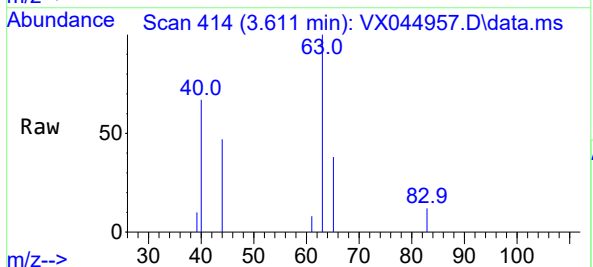
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

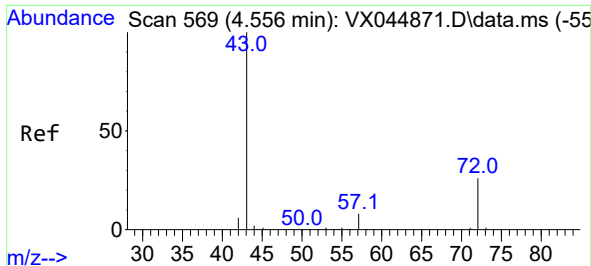
Tgt Ion: 43 Resp: 12664
Ion Ratio Lower Upper
43 100
86 10.9 8.3 12.5



#24
1,1-Dichloroethane
Concen: 0.74 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 63 Resp: 2014
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.5#

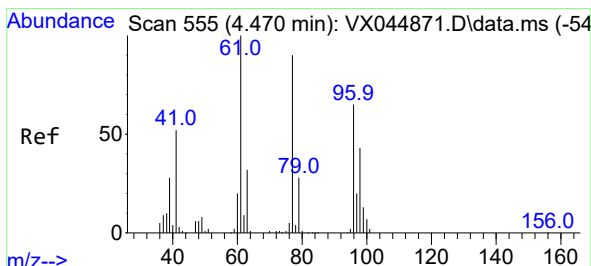
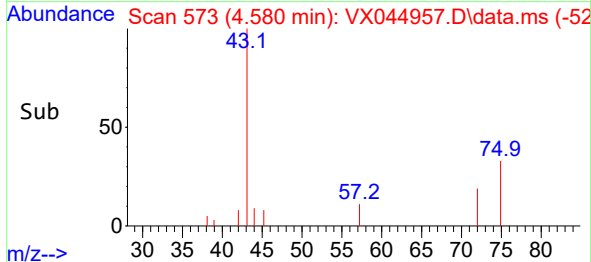
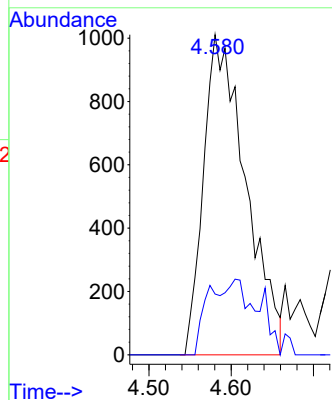
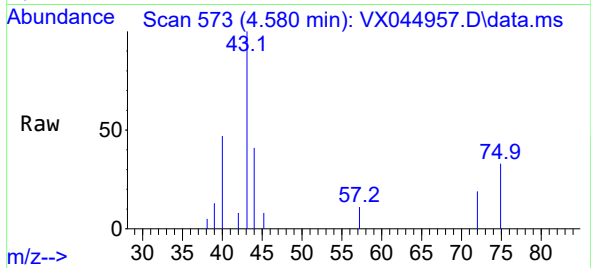




#25
2-Butanone
Concen: 3.40 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

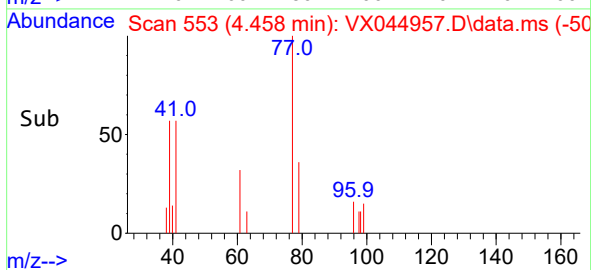
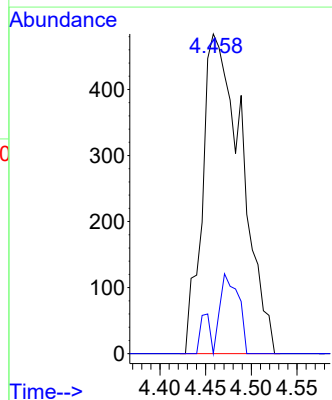
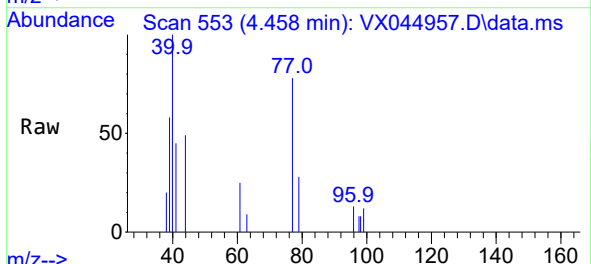
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

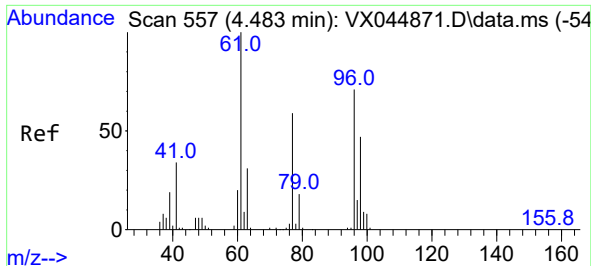
Tgt Ion: 43 Resp: 3612
Ion Ratio Lower Upper
43 100
72 19.0 21.2 31.8#



#26
2,2-Dichloropropane
Concen: 0.67 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.012 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 77 Resp: 1446
Ion Ratio Lower Upper
77 100
97 3.0 11.8 35.3#





#27

cis-1,2-Dichloroethene

Concen: 0.29 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

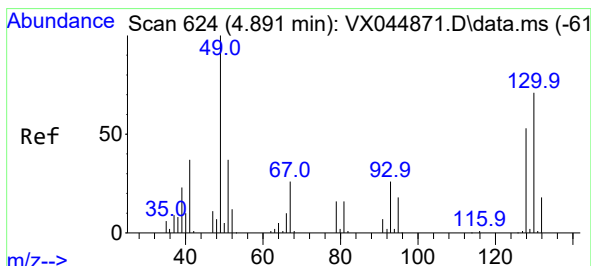
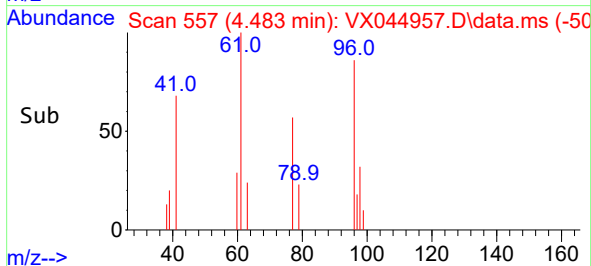
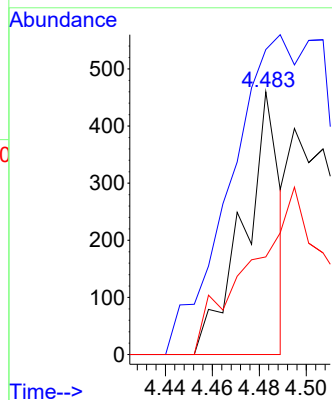
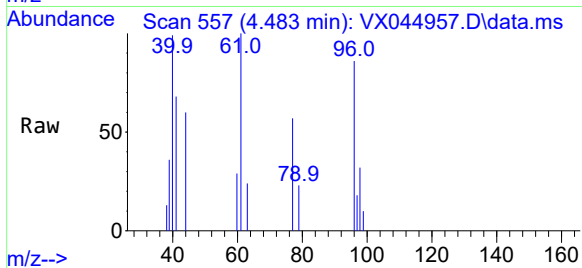
Tgt Ion: 96 Resp: 491

Ion Ratio Lower Upper

96 100

61 369.5 0.0 294.0#

98 144.0 0.0 131.2#



#28

Bromochloromethane

Concen: 0.62 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

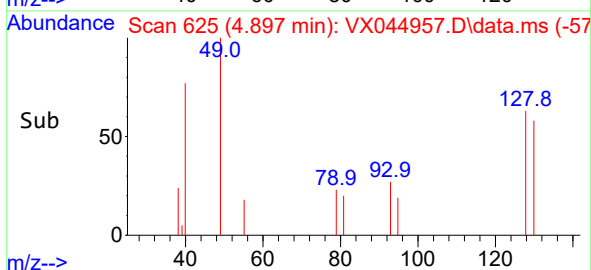
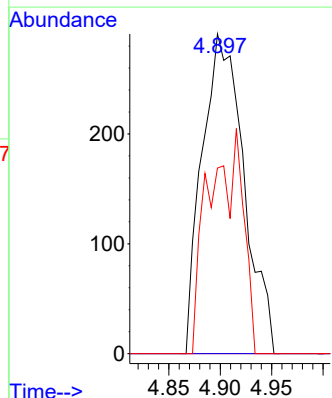
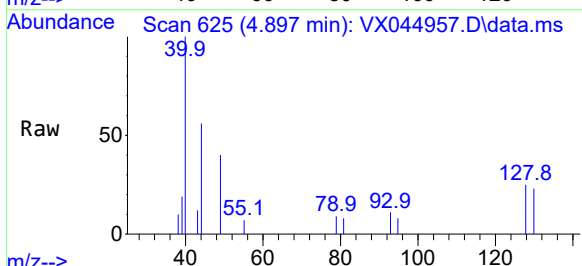
Tgt Ion: 49 Resp: 821

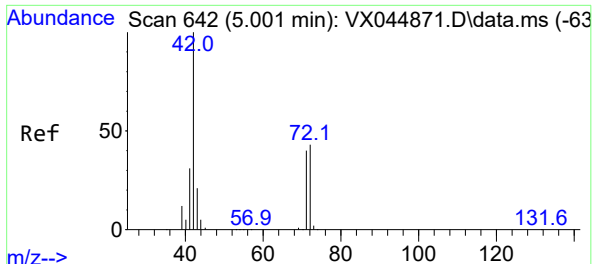
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 38.7 56.7 85.1#





#29

Tetrahydrofuran

Concen: 3.98 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

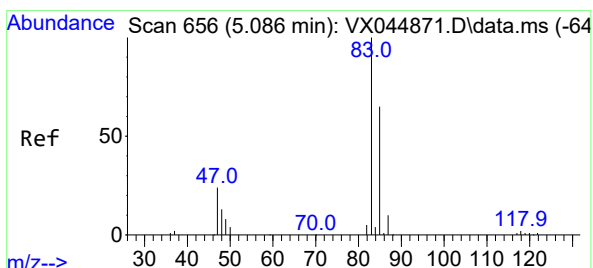
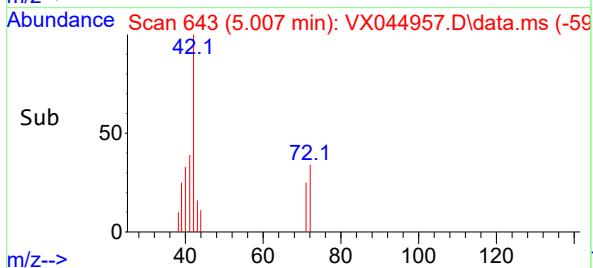
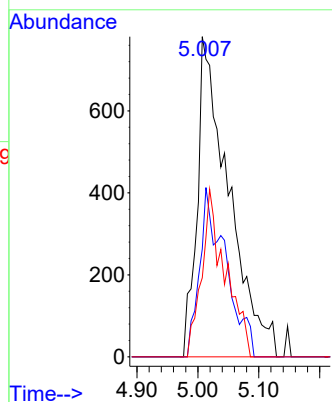
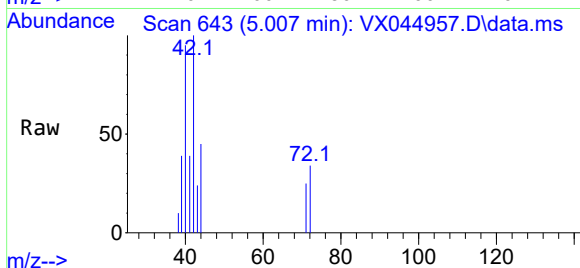
Tgt Ion: 42 Resp: 2808

Ion Ratio Lower Upper

42 100

72 43.8 35.0 52.4

71 39.4 32.6 48.8



#30

Chloroform

Concen: 0.72 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX044957.D

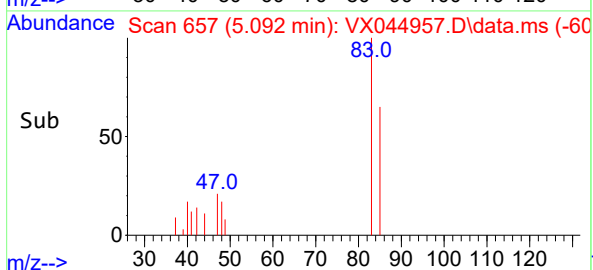
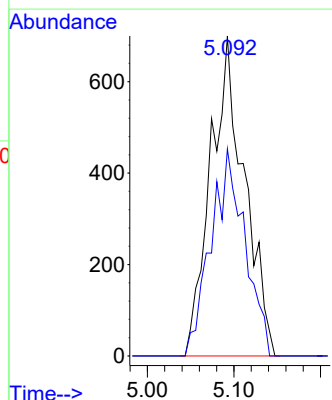
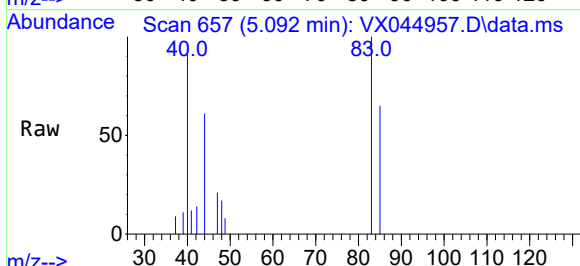
Acq: 14 Feb 2025 13:34

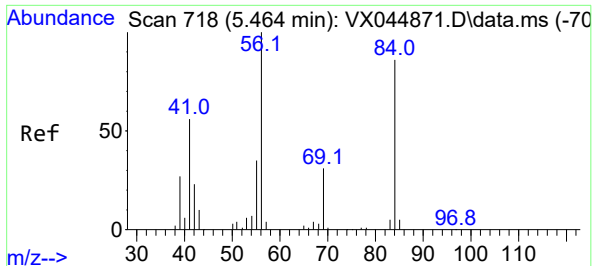
Tgt Ion: 83 Resp: 1906

Ion Ratio Lower Upper

83 100

85 64.7 52.1 78.1

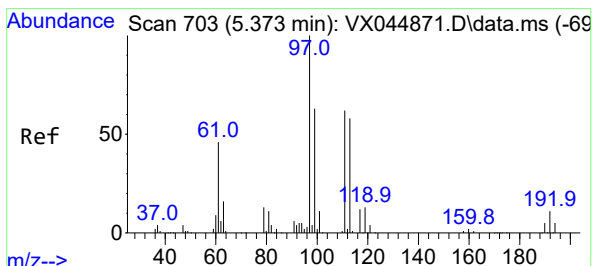
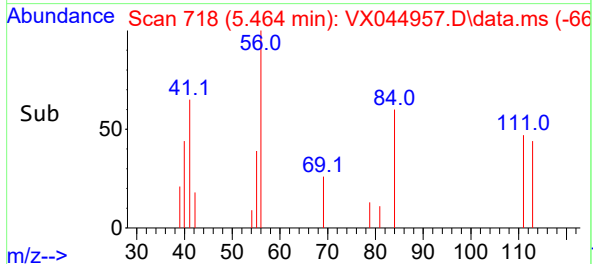
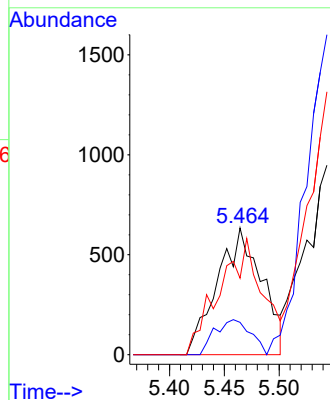
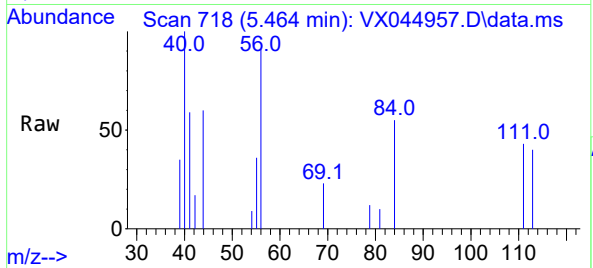




#31
Cyclohexane
Concen: 0.71 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

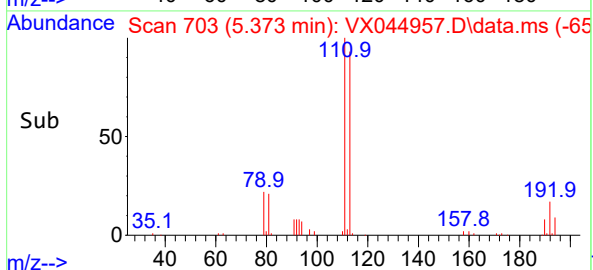
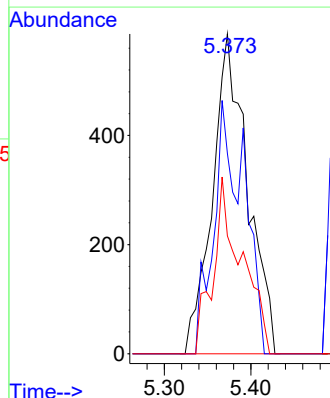
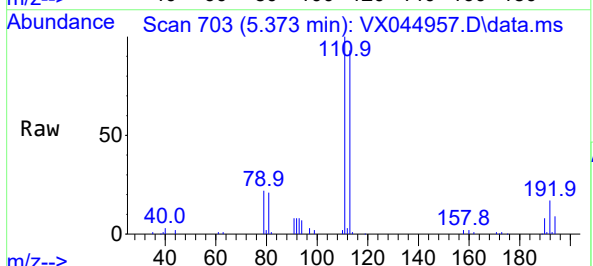
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

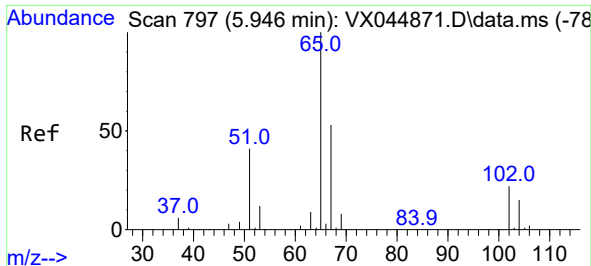
Tgt Ion: 56 Resp: 1796
Ion Ratio Lower Upper
56 100
69 25.6 24.4 36.6
84 60.4 69.0 103.6#



#32
1,1,1-Trichloroethane
Concen: 0.73 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 97 Resp: 1648
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6#
61 45.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 45.20 ug/l

RT: 5.946 min Scan# 79

Delta R.T. 0.000 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

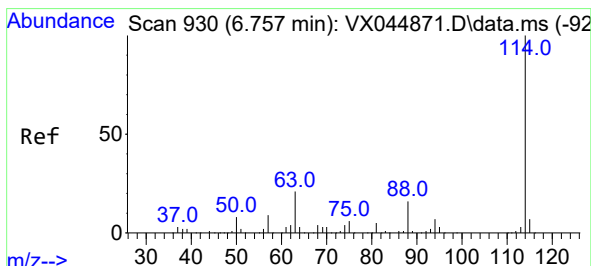
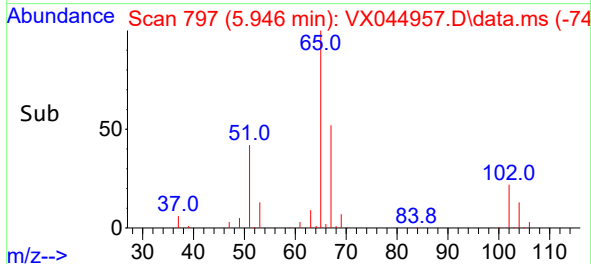
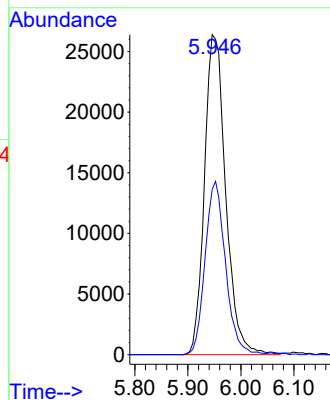
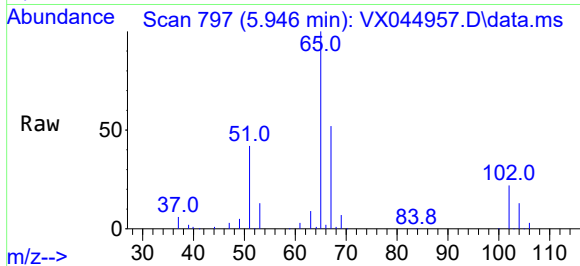
MDL-WATER-03-QT1-2025

Tgt Ion: 65 Resp: 73478

Ion Ratio Lower Upper

65 100

67 52.0 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

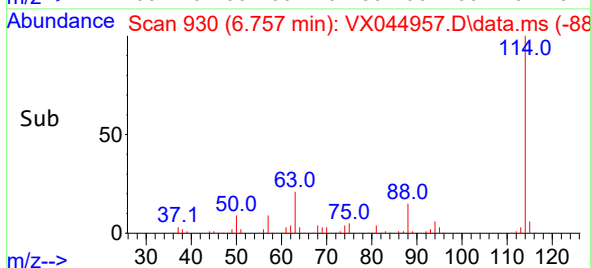
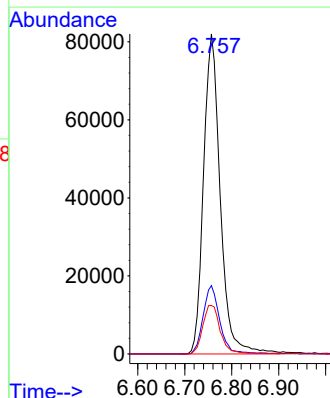
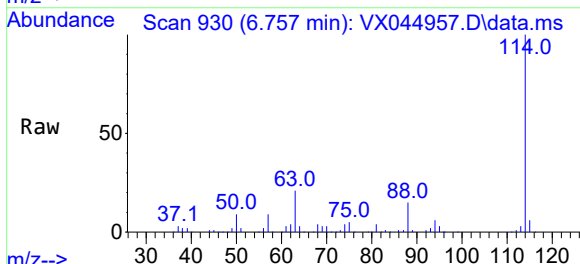
Tgt Ion: 114 Resp: 202126

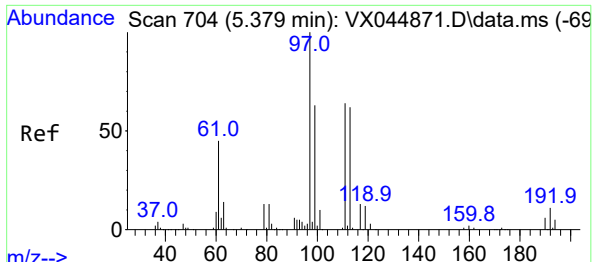
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 43.77 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044957.D

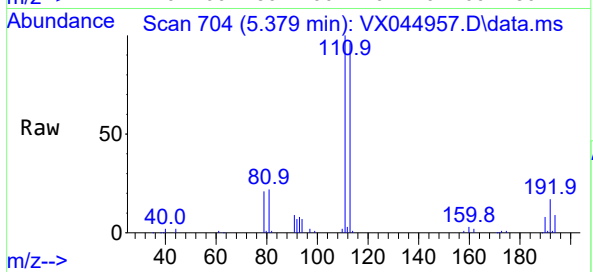
Acq: 14 Feb 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025



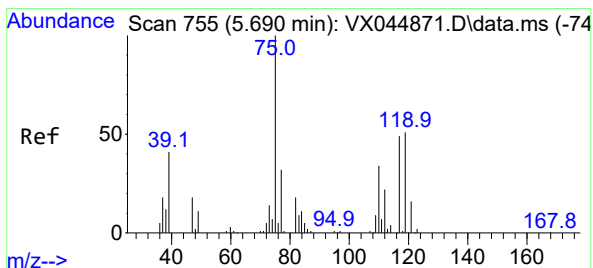
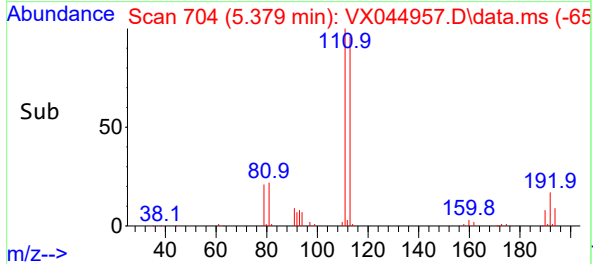
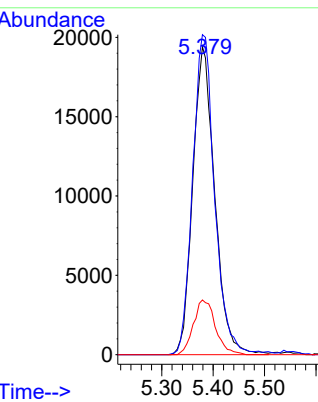
Tgt Ion:113 Resp: 57518

Ion Ratio Lower Upper

113 100

111 104.3 83.5 125.3

192 17.8 14.4 21.6



#36

1,1-Dichloropropene

Concen: 0.84 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

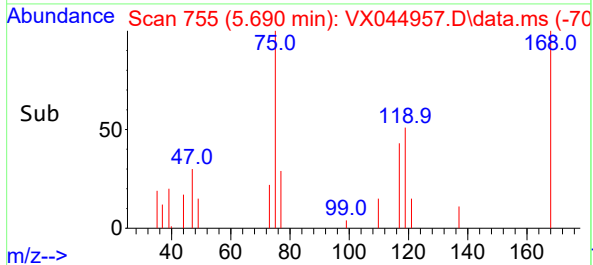
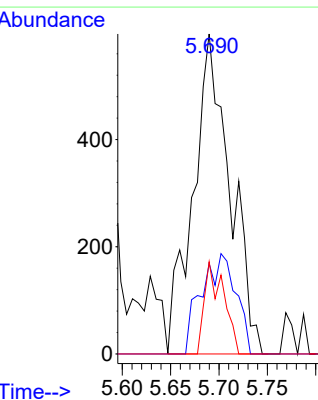
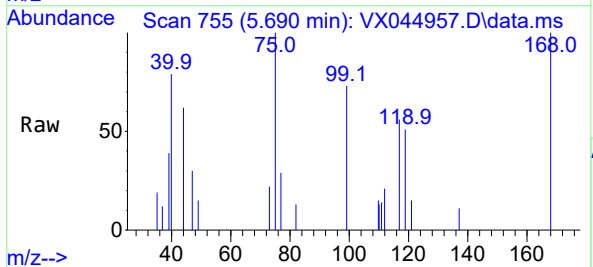
Tgt Ion: 75 Resp: 1590

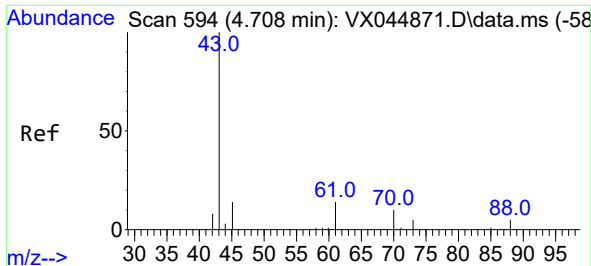
Ion Ratio Lower Upper

75 100

110 29.3 17.2 51.6

77 14.9 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.49 ug/l

RT: 4.739 min Scan# 594

Delta R.T. 0.031 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

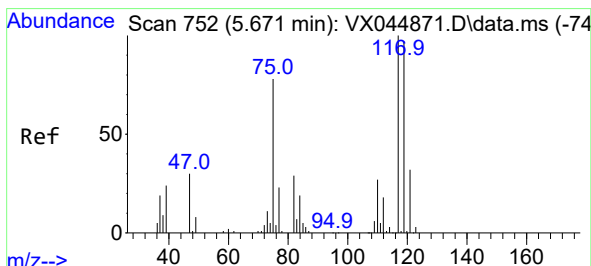
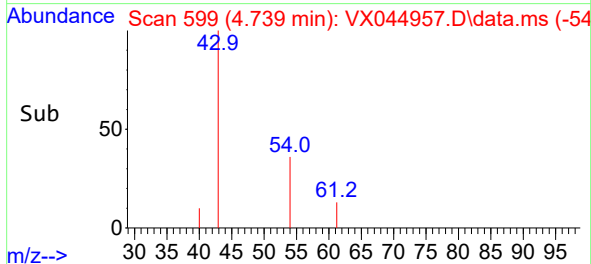
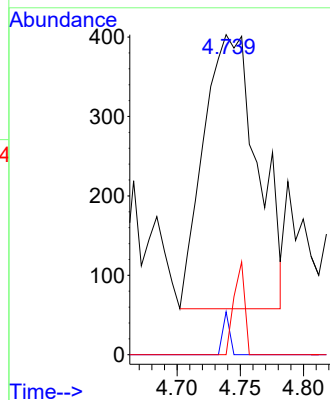
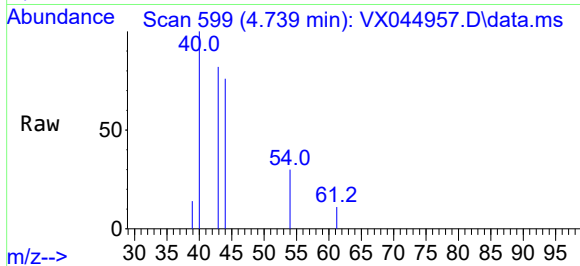
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 43	Resp: 1025
Ion Ratio	Lower Upper
43 100	
61 0.0	11.0 16.4#
70 6.8	8.2 12.2#



#38

Carbon Tetrachloride

Concen: 0.79 ug/l

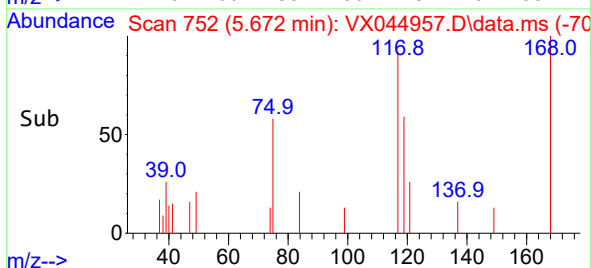
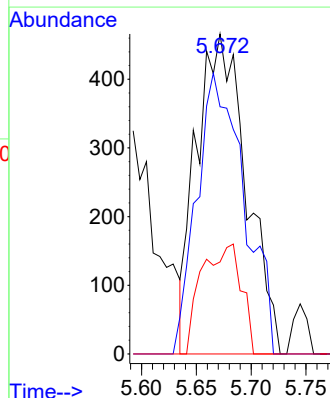
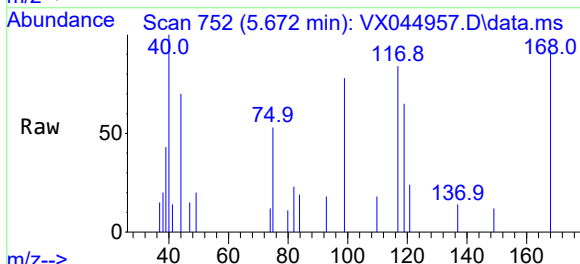
RT: 5.672 min Scan# 752

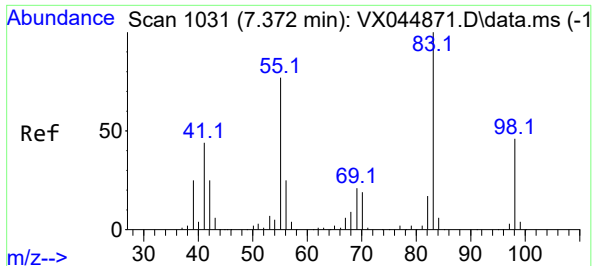
Delta R.T. 0.000 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Tgt Ion: 117	Resp: 1473
Ion Ratio	Lower Upper
117 100	
119 77.3	77.5 116.3#
121 28.8	25.6 38.4





#39

Methylcyclohexane

Concen: 0.67 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

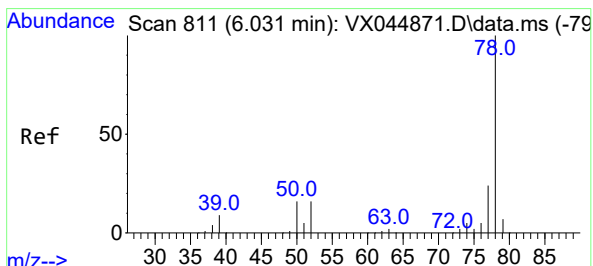
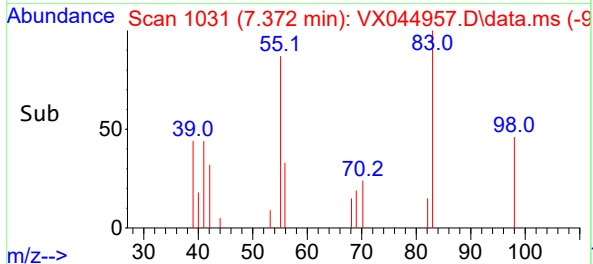
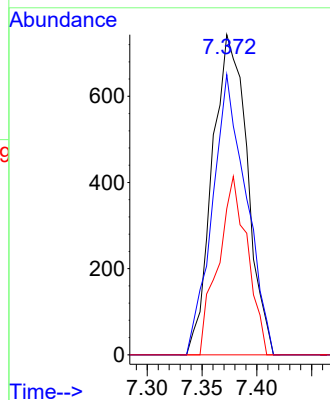
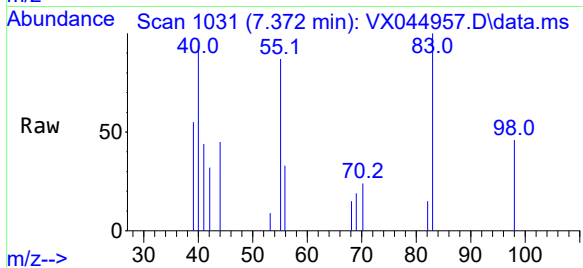
Tgt Ion: 83 Resp: 1649

Ion Ratio Lower Upper

83 100

55 87.5 61.3 91.9

98 45.6 37.0 55.6



#40

Benzene

Concen: 0.72 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.012 min

Lab File: VX044957.D

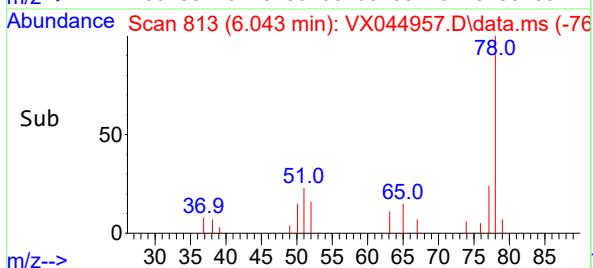
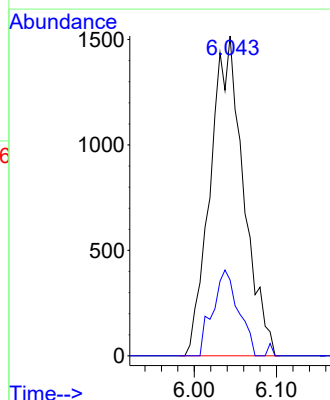
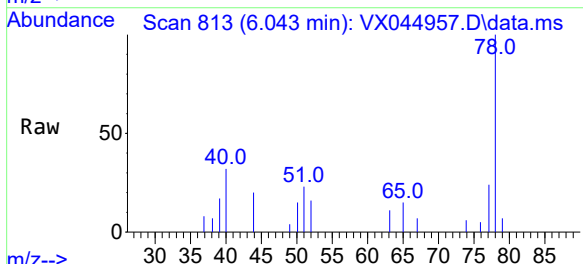
Acq: 14 Feb 2025 13:34

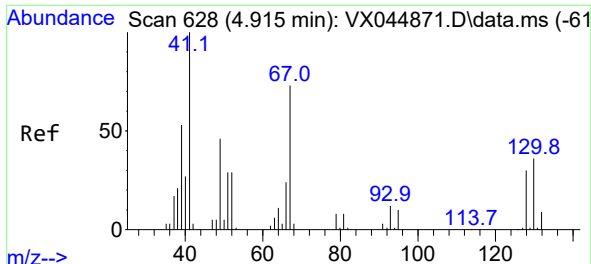
Tgt Ion: 78 Resp: 4256

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6



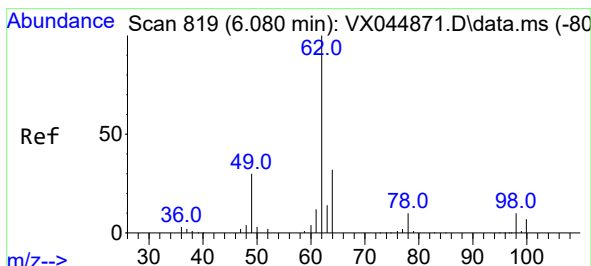
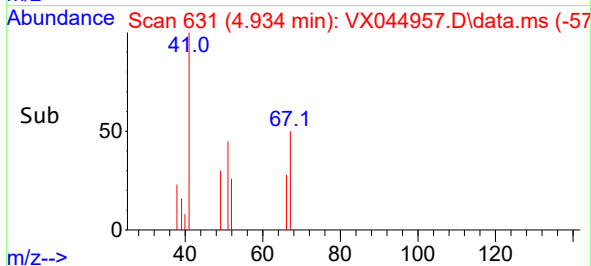
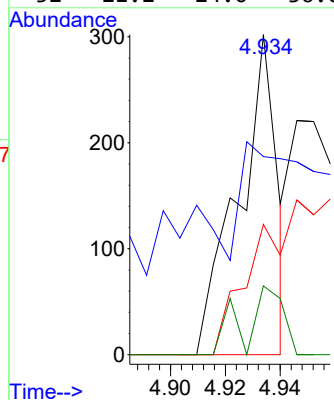
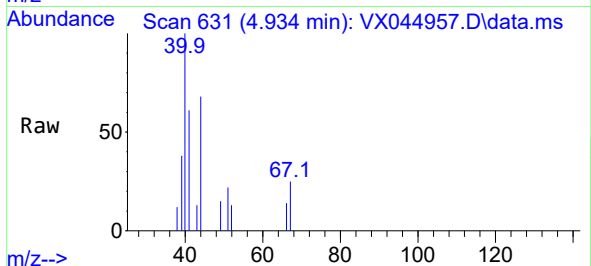


#41
Methacrylonitrile
Concen: 0.26 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 41 Resp: 297

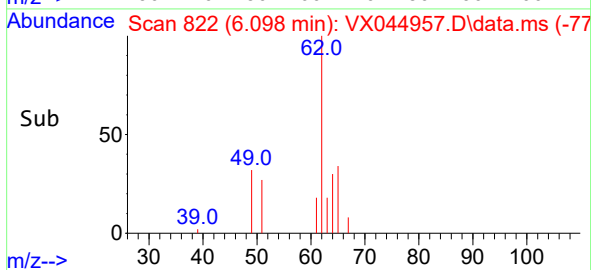
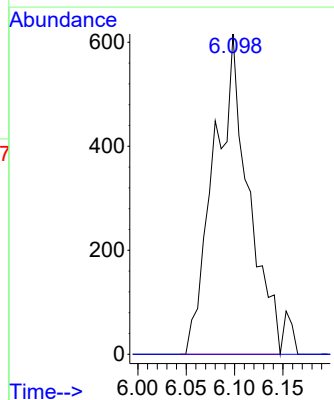
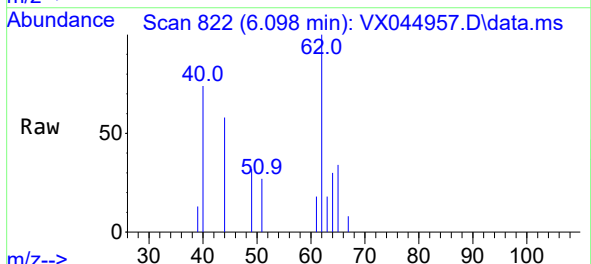
Ion	Ratio	Lower	Upper
41	100		
39	59.6	43.1	64.7
67	0.0	57.0	85.6#
52	21.2	24.0	36.0#

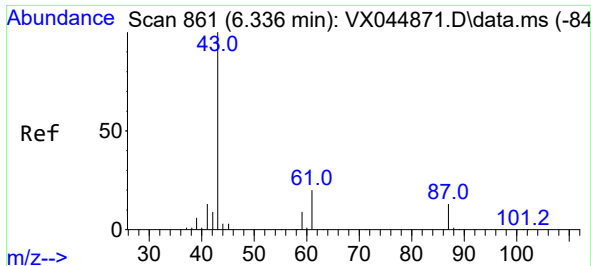


#42
1,2-Dichloroethane
Concen: 0.81 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.018 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 62 Resp: 1531

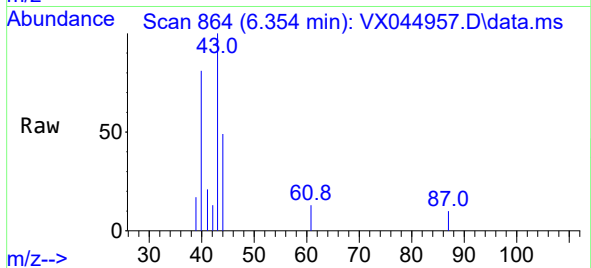
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.4



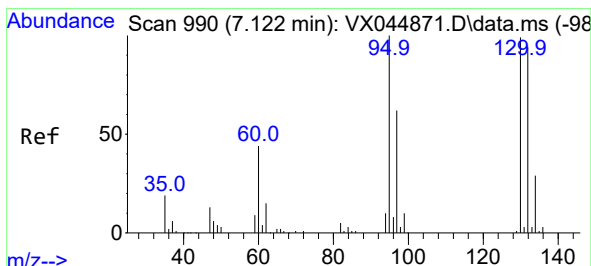
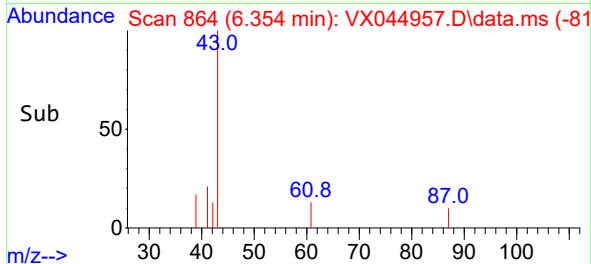
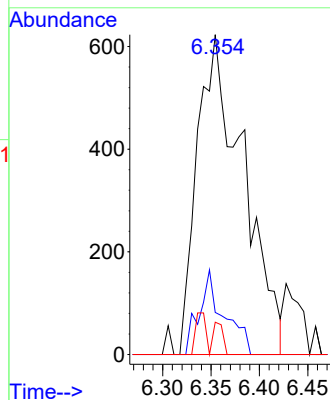


#43
Isopropyl Acetate
Concen: 0.61 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

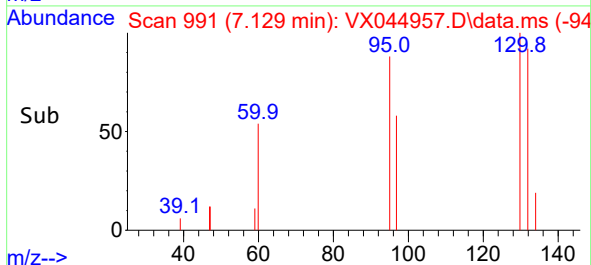
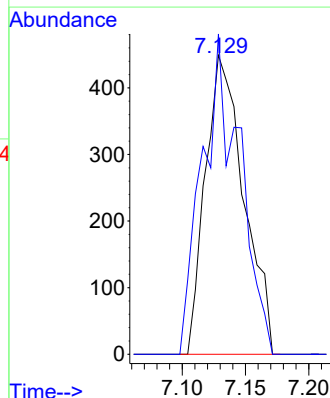
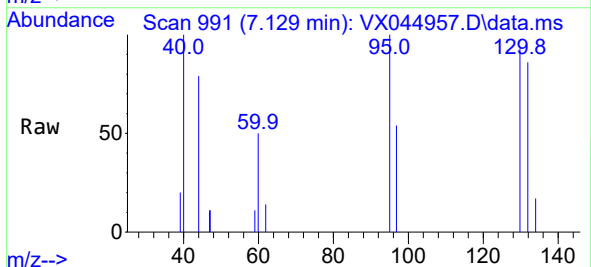


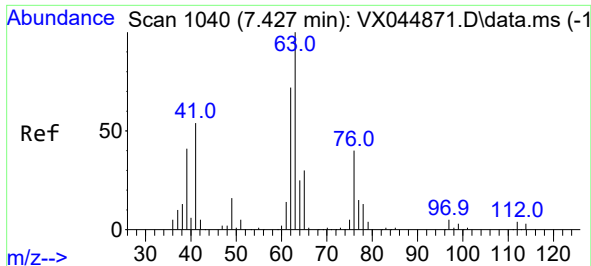
Tgt Ion: 43 Resp: 2064
Ion Ratio Lower Upper
43 100
61 14.2 15.8 23.8#
87 2.1 10.0 15.0#



#44
Trichloroethene
Concen: 0.70 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 130 Resp: 951
Ion Ratio Lower Upper
130 100
95 107.1 0.0 202.4





#45

1,2-Dichloropropane

Concen: 0.67 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

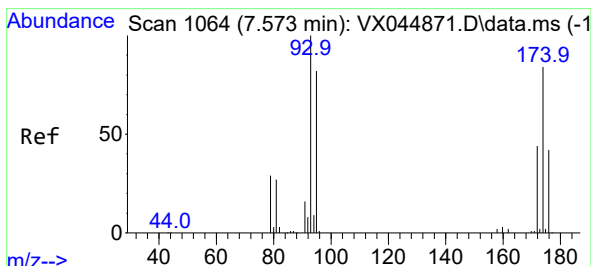
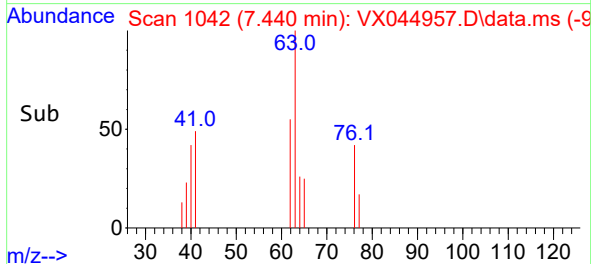
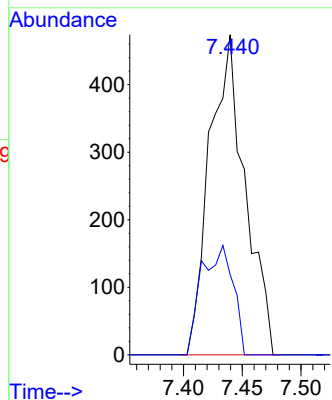
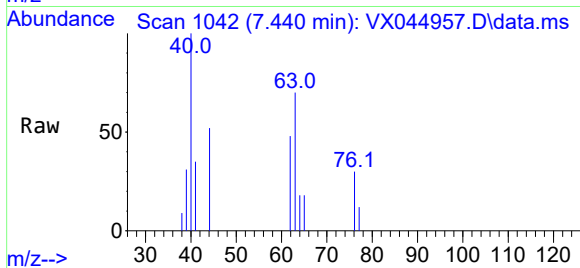
MDL-WATER-03-QT1-2025

Tgt Ion: 63 Resp: 994

Ion Ratio Lower Upper

63 100

65 25.1 24.2 36.4



#46

Dibromomethane

Concen: 0.72 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.018 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

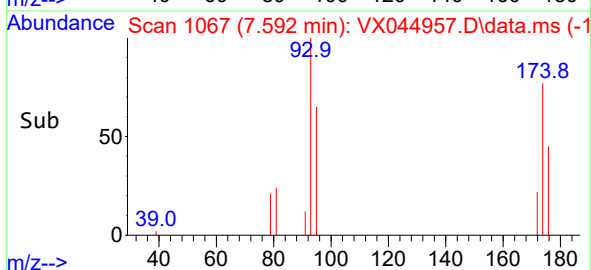
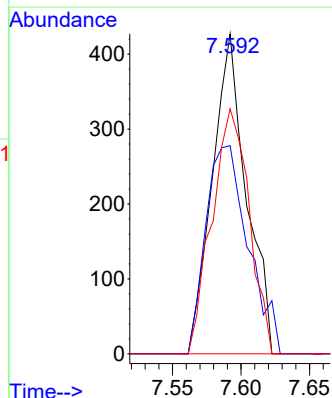
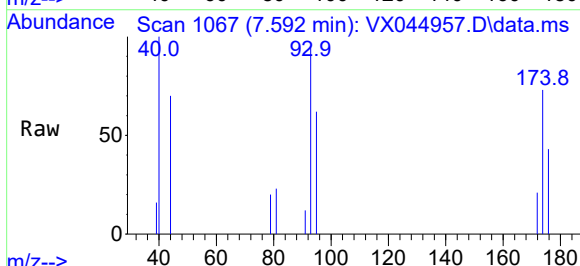
Tgt Ion: 93 Resp: 738

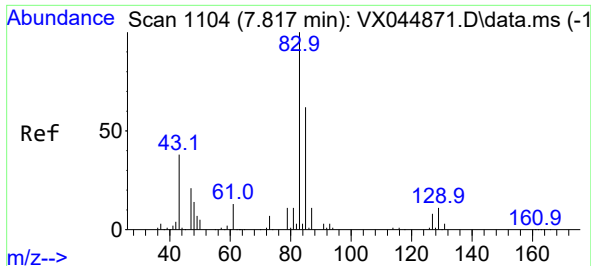
Ion Ratio Lower Upper

93 100

95 81.0 66.2 99.4

174 83.5 69.9 104.9

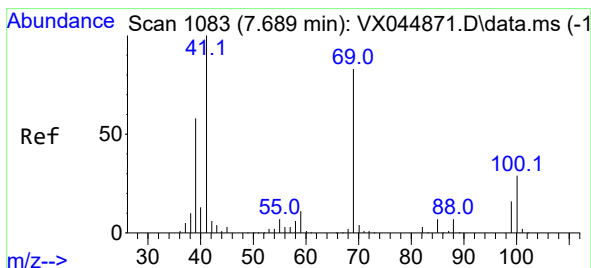
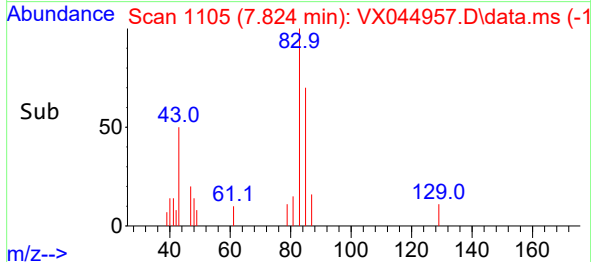
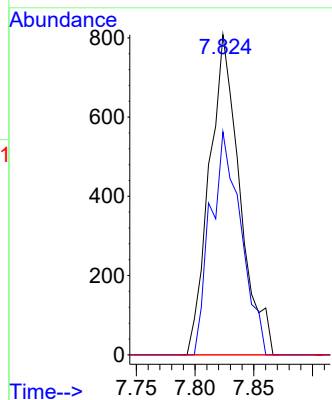
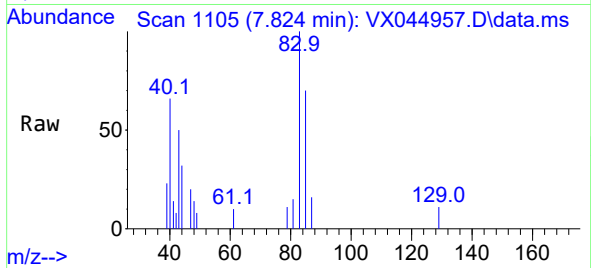




#47
Bromodichloromethane
Concen: 0.74 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

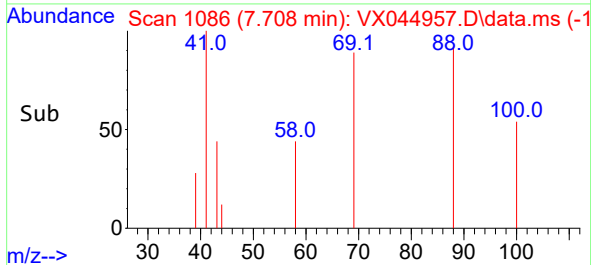
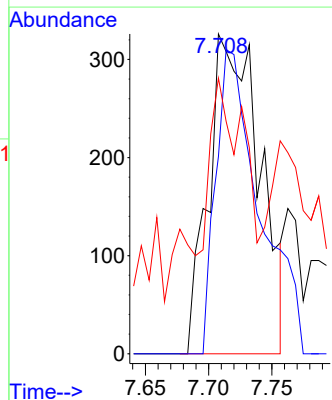
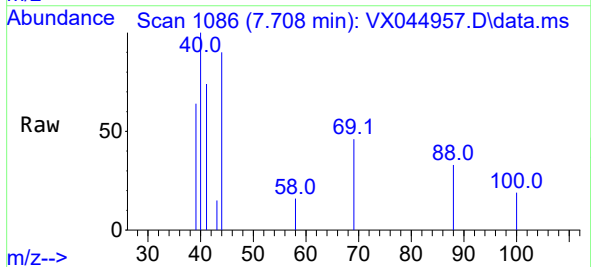
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

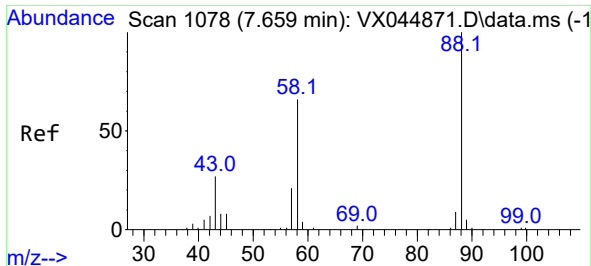
Tgt Ion: 83 Resp: 1460
Ion Ratio Lower Upper
83 100
85 69.7 50.0 75.0
127 0.0 6.4 9.6#



#48
Methyl methacrylate
Concen: 0.57 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 41 Resp: 913
Ion Ratio Lower Upper
41 100
69 81.9 65.8 98.8
39 39.9 46.4 69.6#

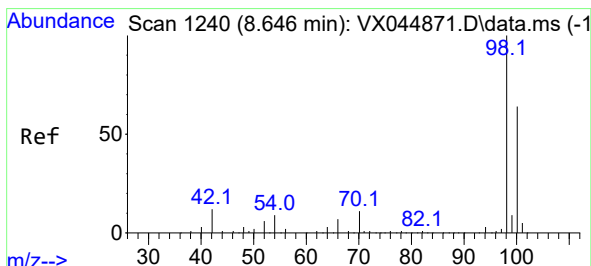
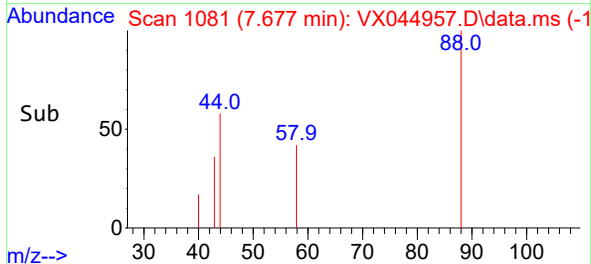
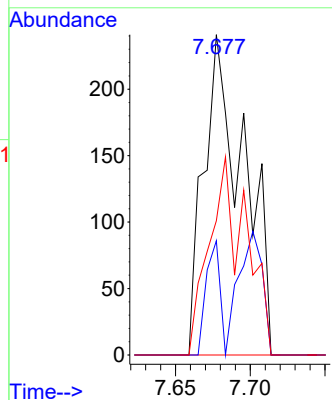
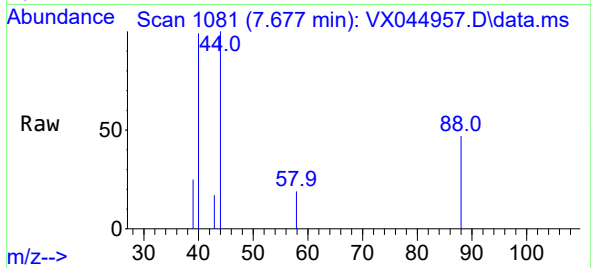




#49
1,4-Dioxane
Concen: 12.98 ug/l
RT: 7.677 min Scan# 1078
Delta R.T. 0.018 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

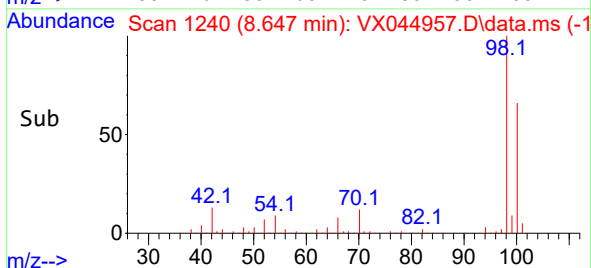
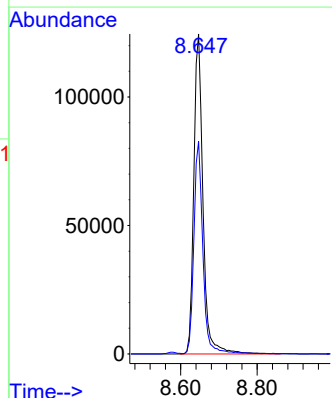
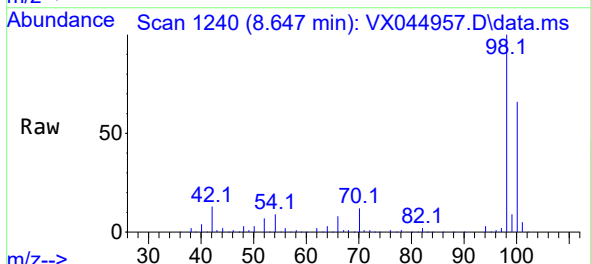
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

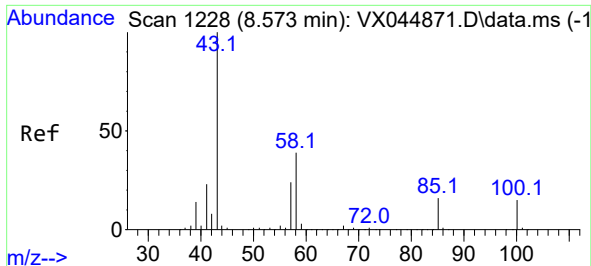
Tgt Ion: 88 Resp: 447
Ion Ratio Lower Upper
88 100
43 12.3 26.6 39.8#
58 56.8 55.9 83.9



#50
Toluene-d8
Concen: 41.84 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 98 Resp: 207896
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1

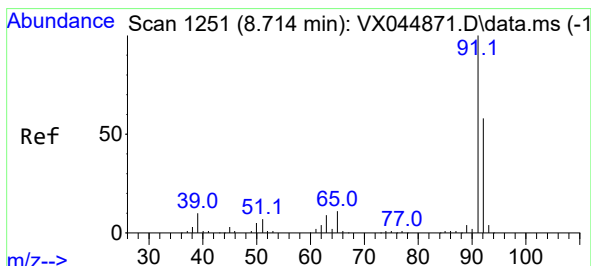
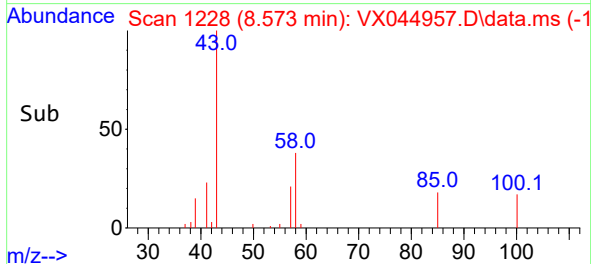
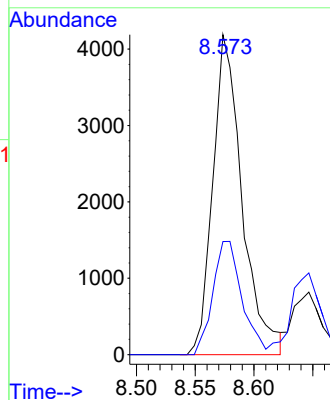
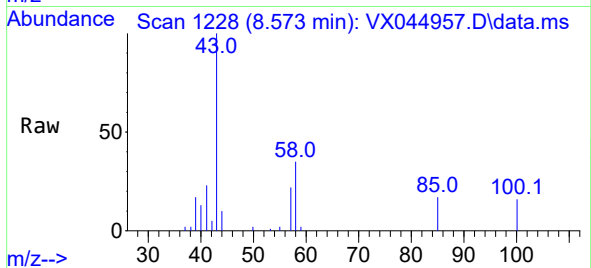




#51
4-Methyl-2-Pentanone
Concen: 3.50 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

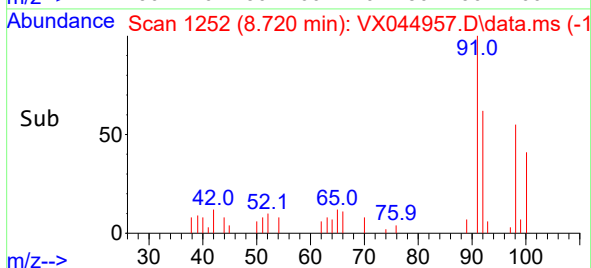
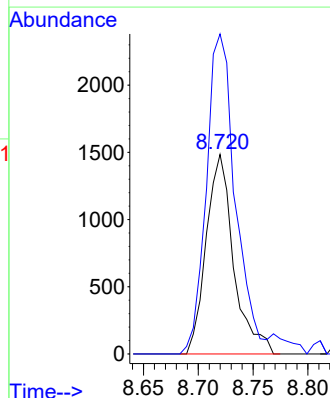
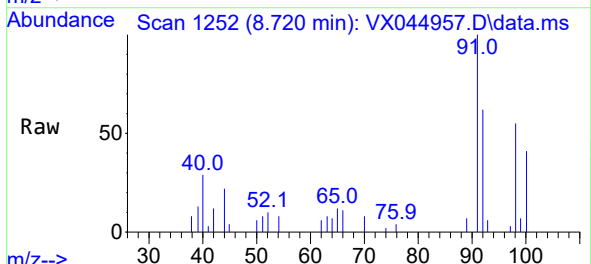
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

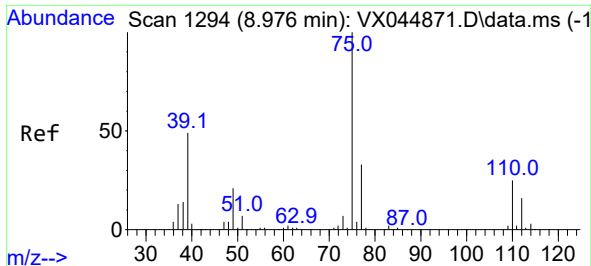
Tgt Ion: 43 Resp: 7255
Ion Ratio Lower Upper
43 100
58 35.3 30.8 46.2



#52
Toluene
Concen: 0.73 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 92 Resp: 2587
Ion Ratio Lower Upper
92 100
91 169.6 137.4 206.2

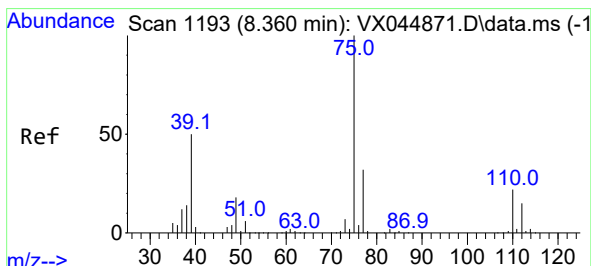
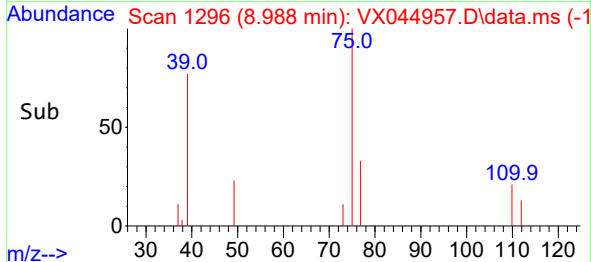
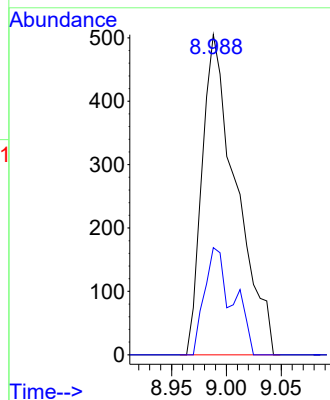
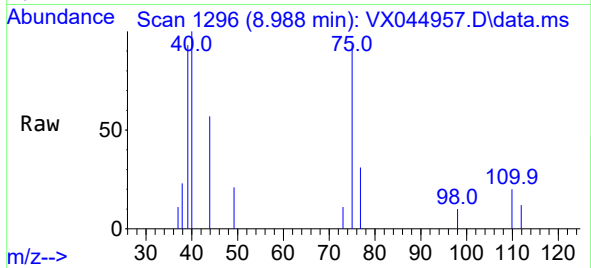




#53
t-1,3-Dichloropropene
Concen: 0.55 ug/l
RT: 8.988 min Scan# 1196
Delta R.T. 0.012 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

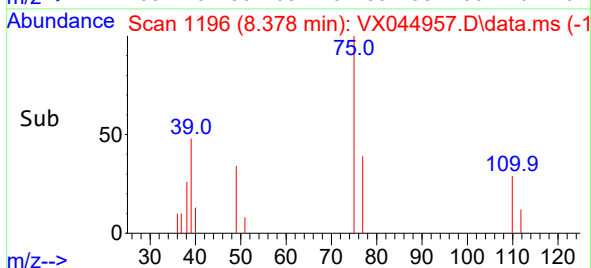
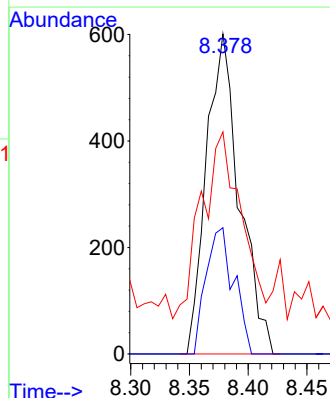
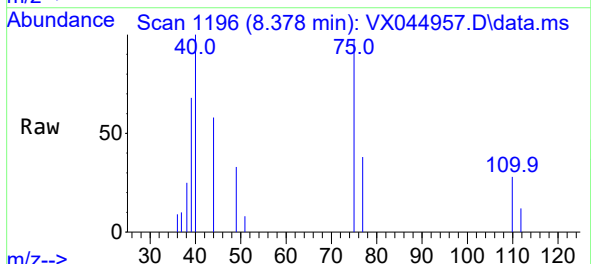
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

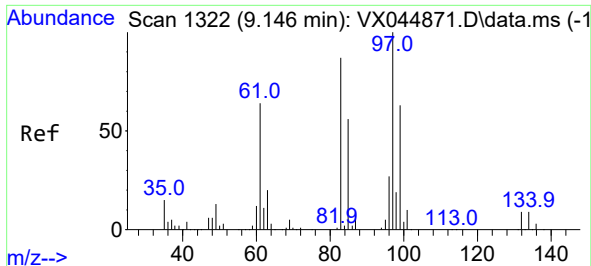
Tgt Ion: 75 Resp: 1091
Ion Ratio Lower Upper
75 100
77 33.5 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 0.53 ug/l
RT: 8.378 min Scan# 1196
Delta R.T. 0.018 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 75 Resp: 1179
Ion Ratio Lower Upper
75 100
77 39.4 25.3 37.9#
39 54.1 40.0 60.0



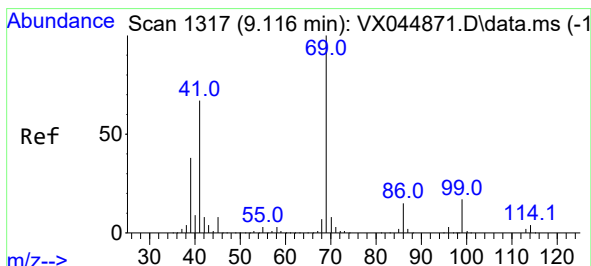
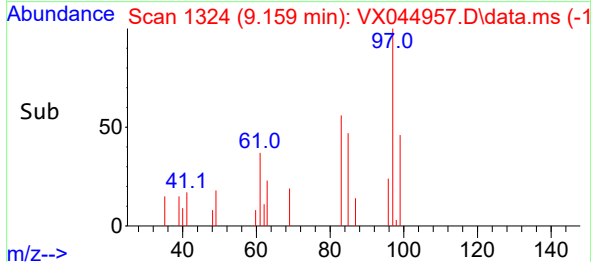
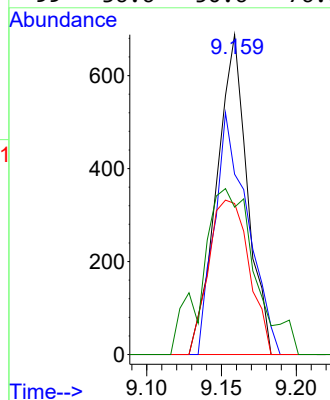
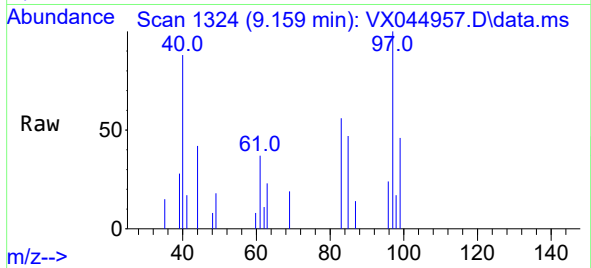


#55
1,1,2-Trichloroethane
Concen: 0.72 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.012 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2025

Tgt Ion: 97 Resp: 979

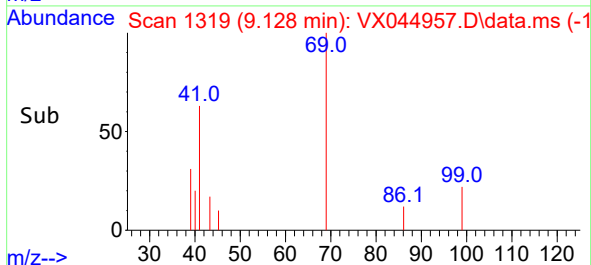
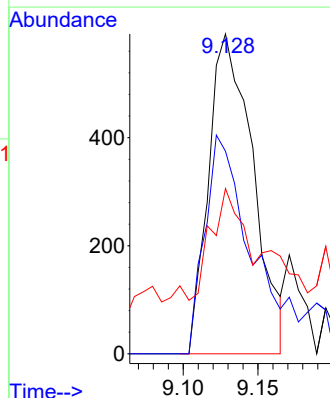
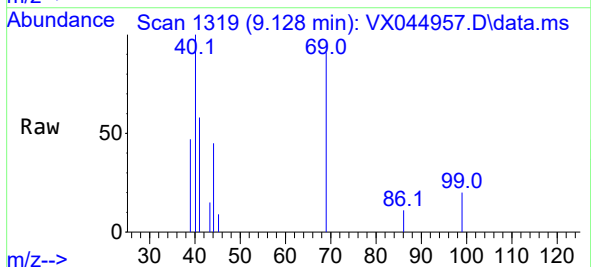
Ion	Ratio	Lower	Upper
97	100		
83	56.4	69.8	104.6#
85	47.2	44.8	67.2
99	36.6	50.6	76.0#

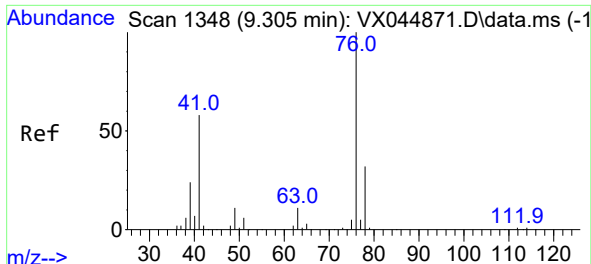


#56
Ethyl methacrylate
Concen: 0.56 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 69 Resp: 1219

Ion	Ratio	Lower	Upper
69	100		
41	72.7	55.2	82.8
39	65.5	30.8	46.2#

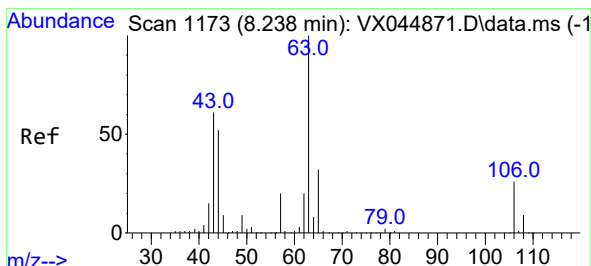
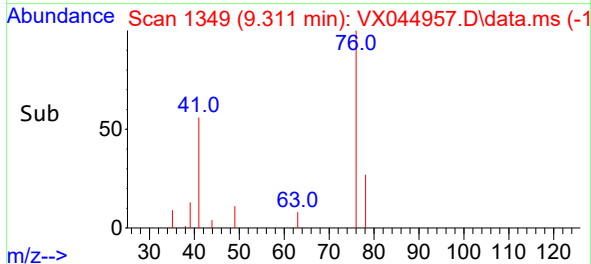
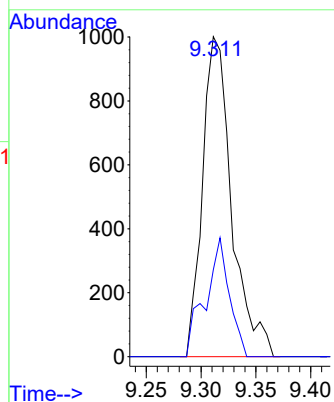
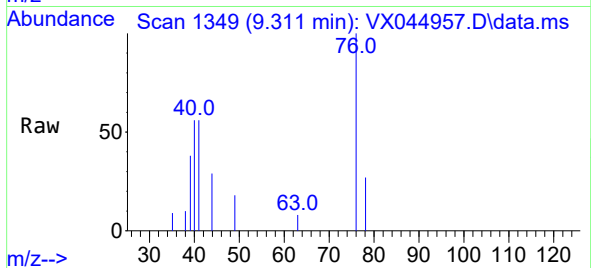




#57
1,3-Dichloropropane
Concen: 0.78 ug/l
RT: 9.311 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

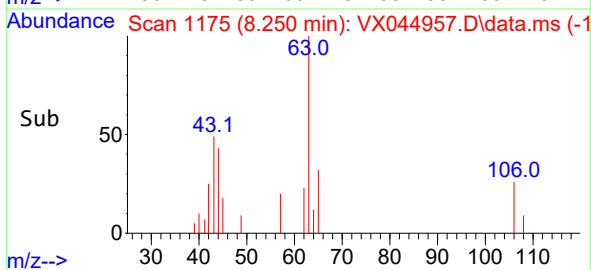
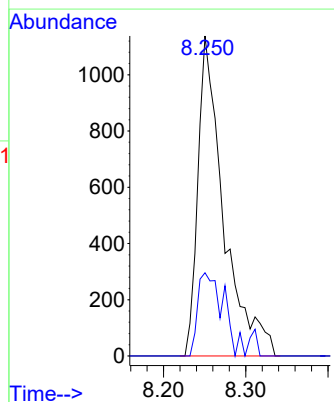
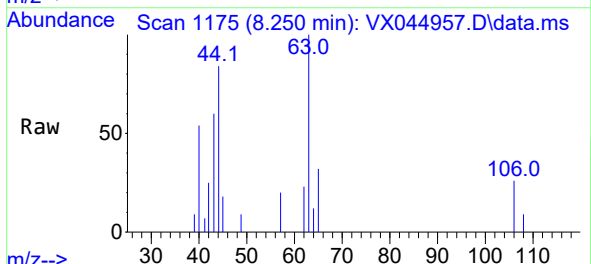
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

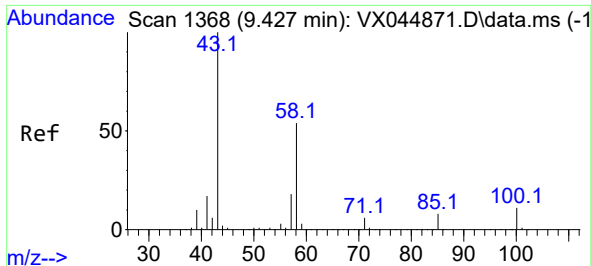
Tgt Ion: 76 Resp: 1856
Ion Ratio Lower Upper
76 100
78 30.4 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 2.30 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 63 Resp: 2468
Ion Ratio Lower Upper
63 100
106 24.9 21.3 31.9

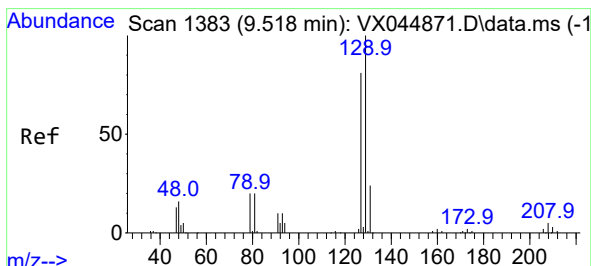
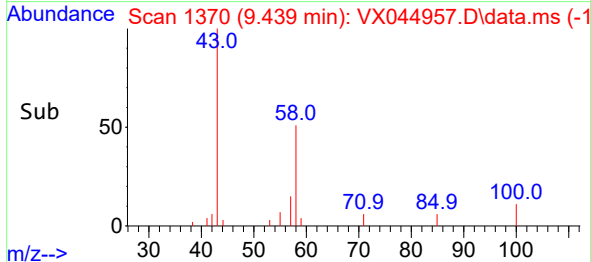
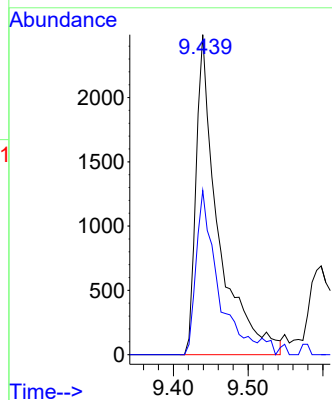
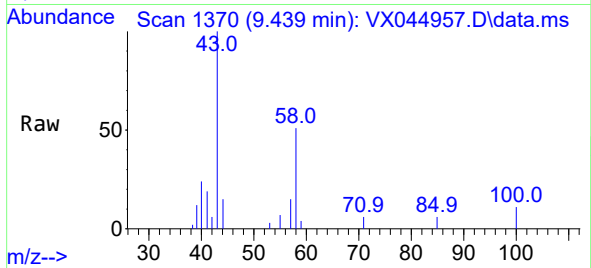




#59
2-Hexanone
Concen: 3.43 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

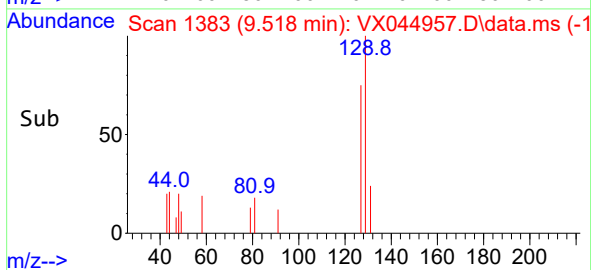
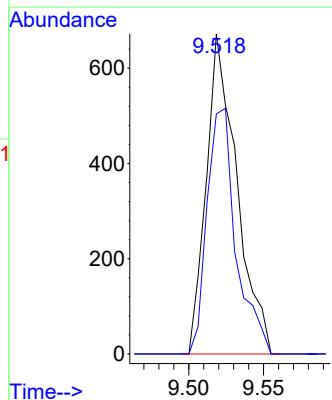
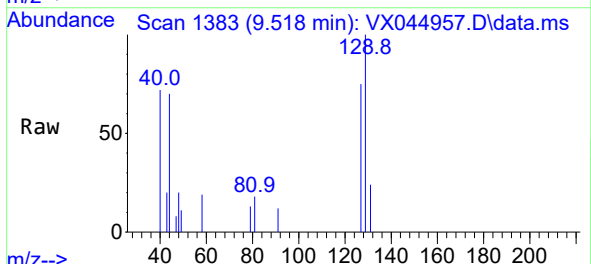
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

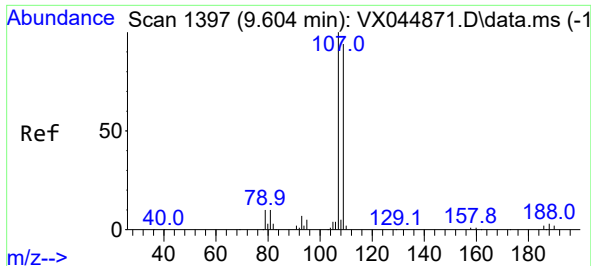
Tgt Ion: 43 Resp: 5119
Ion Ratio Lower Upper
43 100
58 50.2 27.5 82.4



#60
Dibromochloromethane
Concen: 0.66 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 129 Resp: 954
Ion Ratio Lower Upper
129 100
127 72.4 39.1 117.3

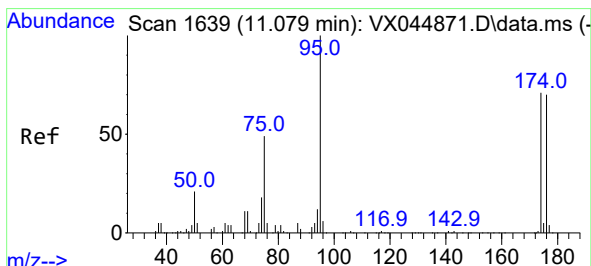
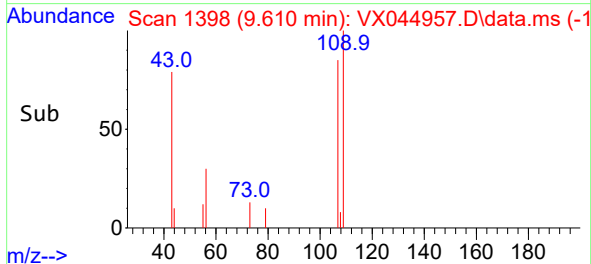
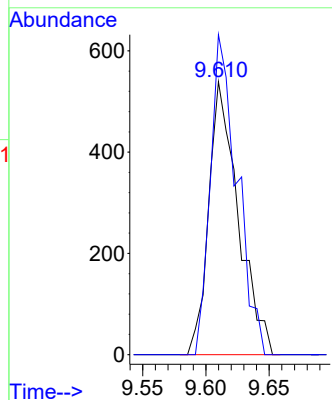
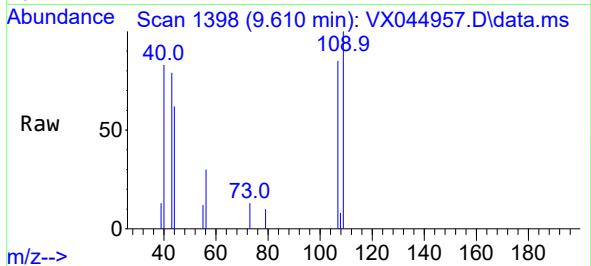




#61
1,2-Dibromoethane
Concen: 0.64 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

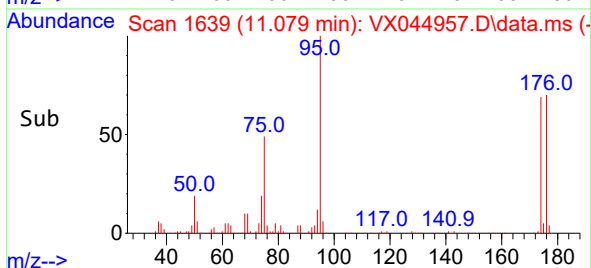
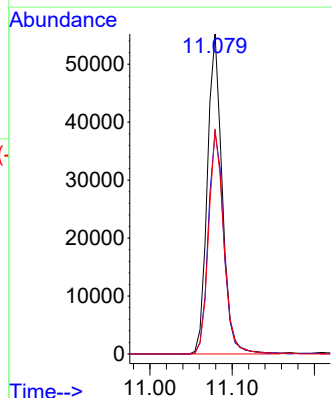
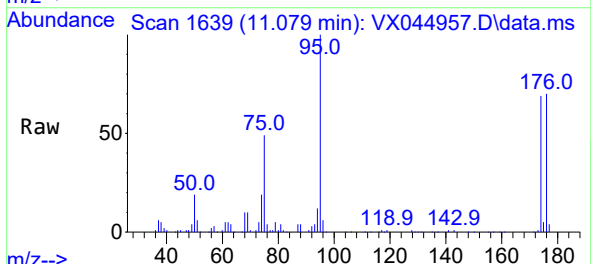
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

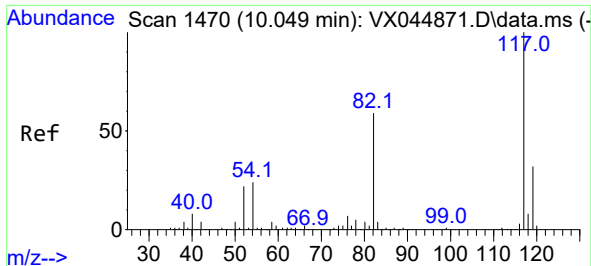
Tgt Ion:107 Resp: 873
Ion Ratio Lower Upper
107 100
109 106.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 41.43 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 95 Resp: 69405
Ion Ratio Lower Upper
95 100
174 72.4 0.0 142.6
176 71.2 0.0 141.6

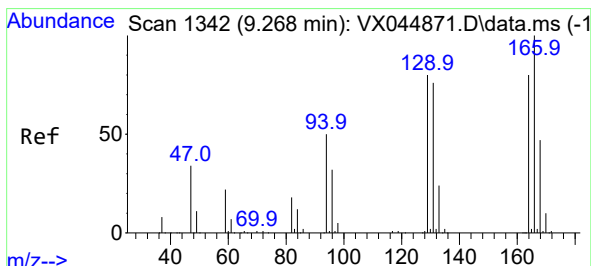
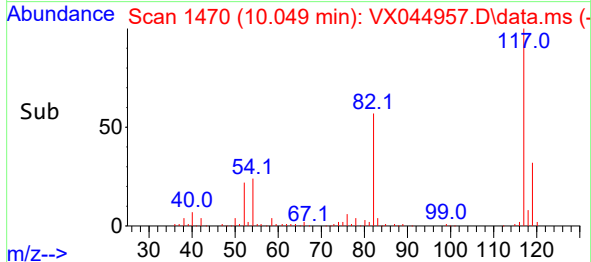
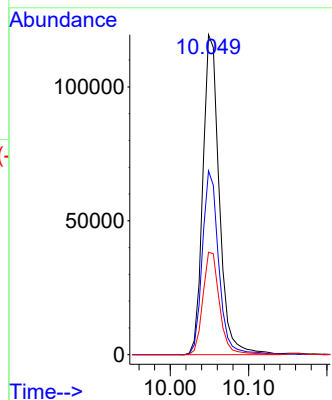
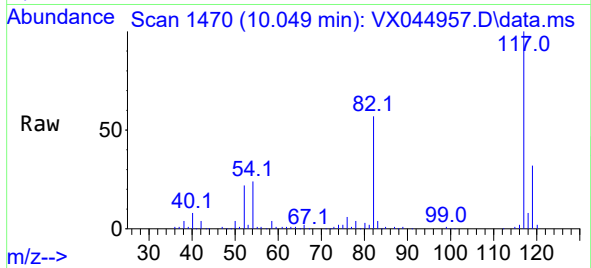




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

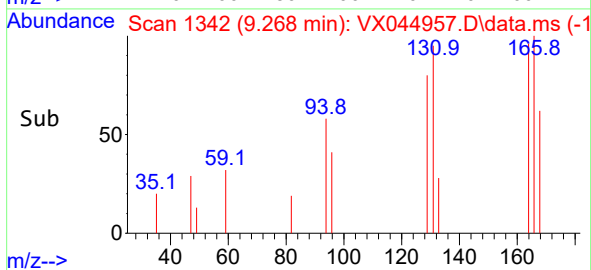
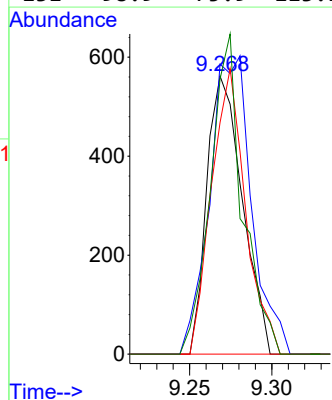
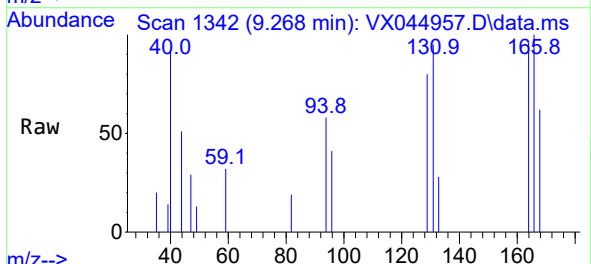
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

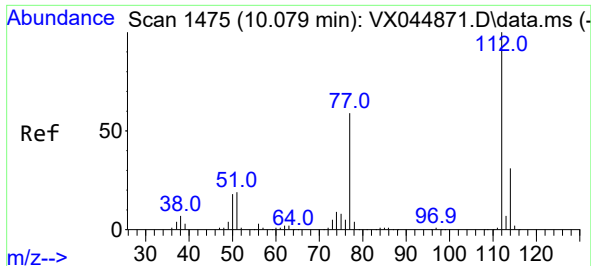
Tgt Ion:117 Resp: 174217
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 0.77 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion:164 Resp: 844
Ion Ratio Lower Upper
164 100
166 104.3 100.4 150.6
129 83.3 79.9 119.9
131 98.9 75.9 113.9

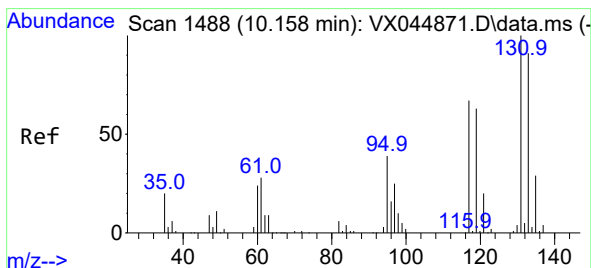
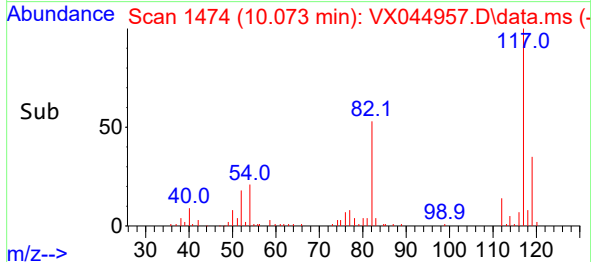
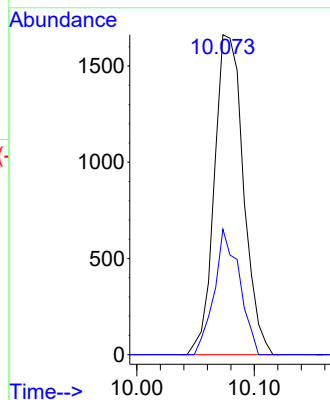
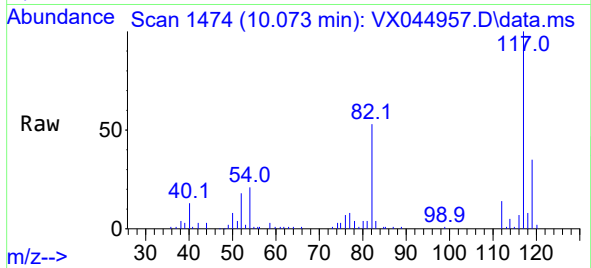




#65
Chlorobenzene
Concen: 0.76 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

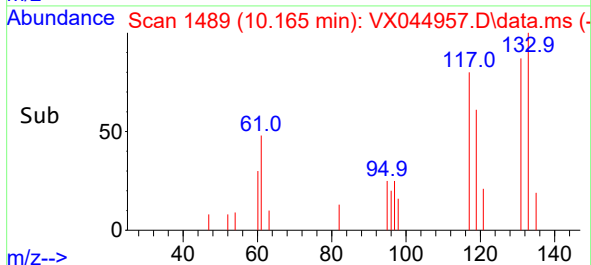
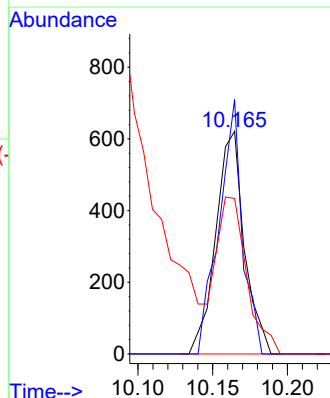
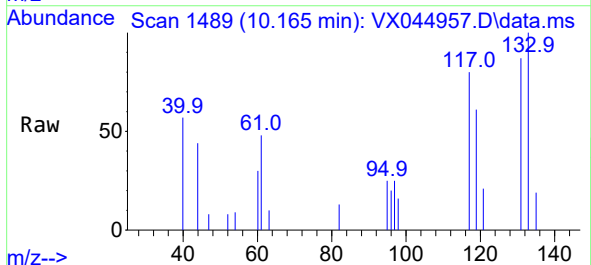
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

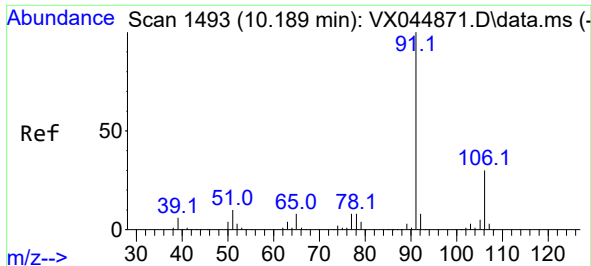
Tgt Ion:112 Resp: 2858
Ion Ratio Lower Upper
112 100
114 39.2 25.0 37.6#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.69 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion:131 Resp: 826
Ion Ratio Lower Upper
131 100
133 92.9 47.1 141.3
119 0.0 33.6 100.6#

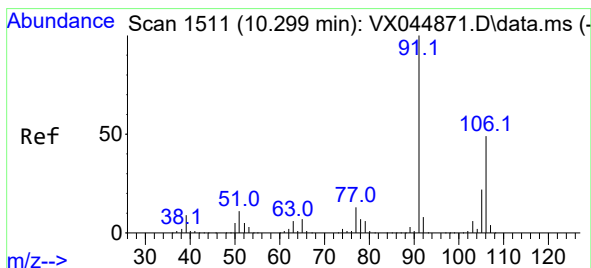
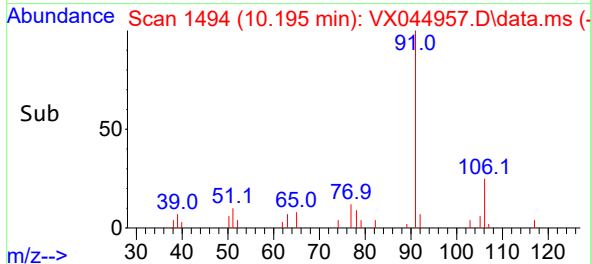
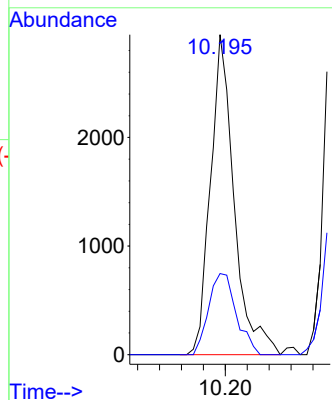
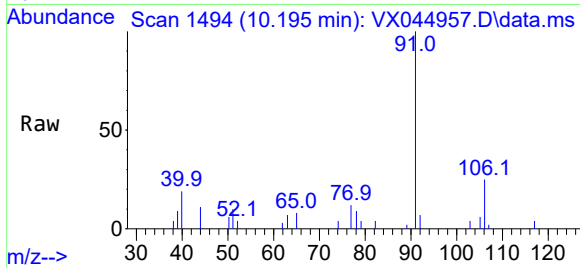




#67
Ethyl Benzene
Concen: 0.67 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

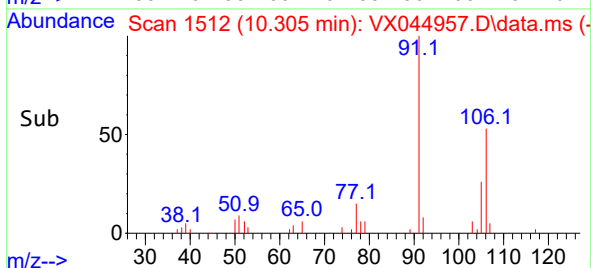
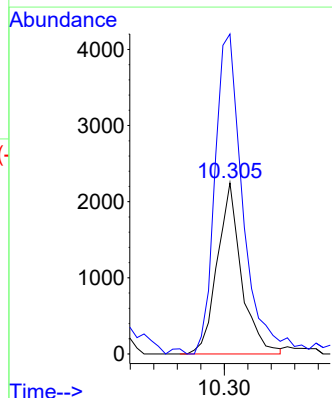
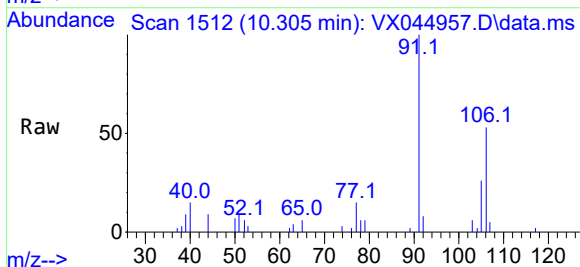
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

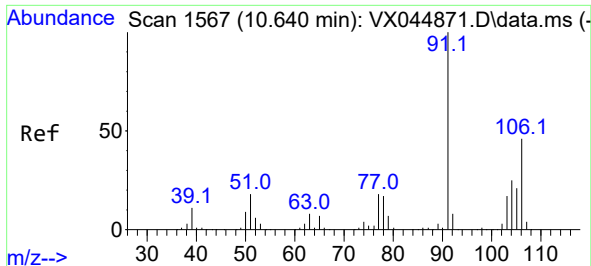
Tgt Ion: 91 Resp: 4422
Ion Ratio Lower Upper
91 100
106 25.4 23.9 35.9



#68
m/p-Xylenes
Concen: 1.32 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 106 Resp: 3216
Ion Ratio Lower Upper
106 100
91 217.5 164.3 246.5

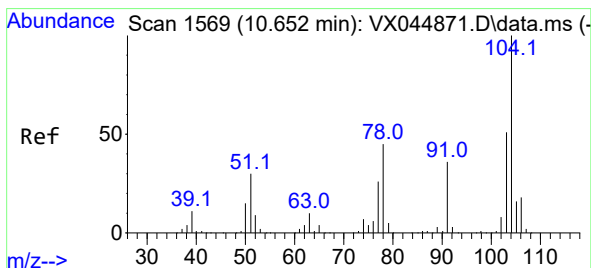
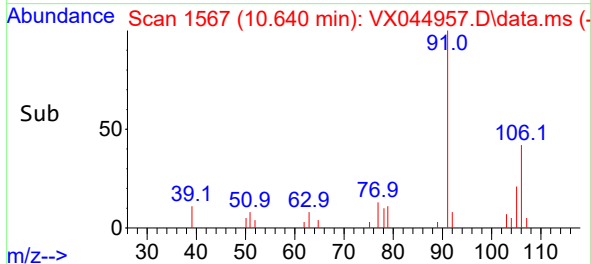
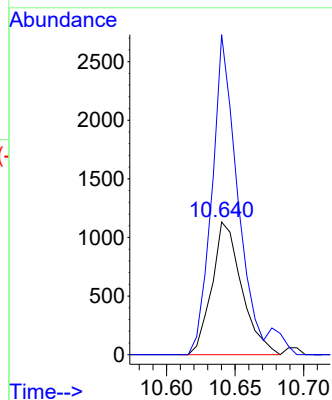
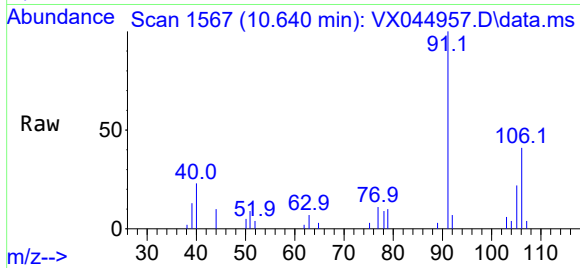




#69
o-Xylene
Concen: 0.70 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

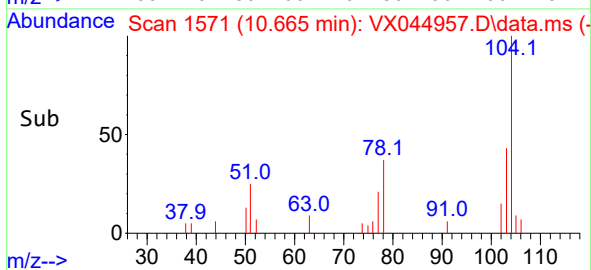
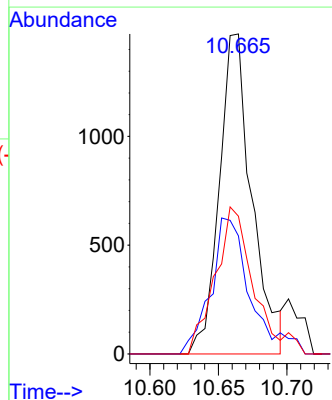
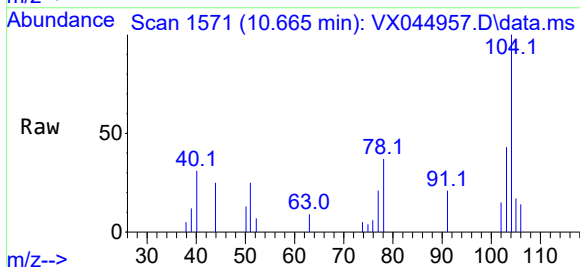
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

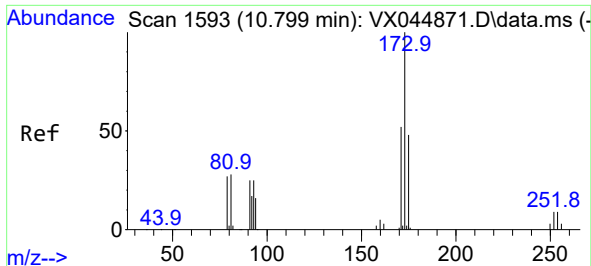
Tgt Ion:106 Resp: 1711
Ion Ratio Lower Upper
106 100
91 215.4 108.5 325.5



#70
Styrene
Concen: 0.62 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion:104 Resp: 2436
Ion Ratio Lower Upper
104 100
78 51.4 40.5 60.7
103 54.2 43.6 65.4

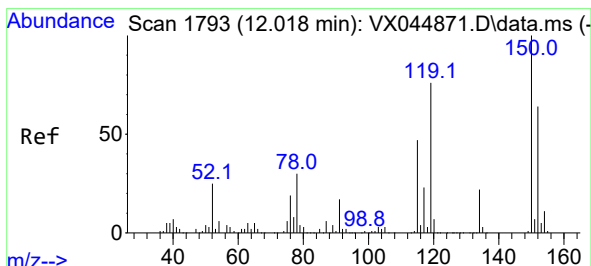
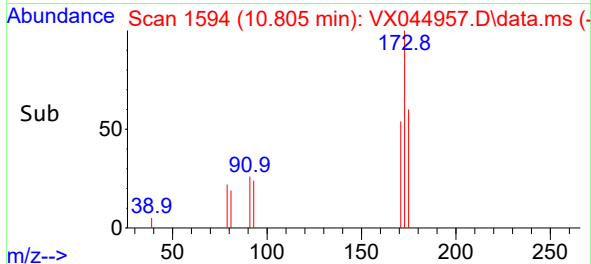
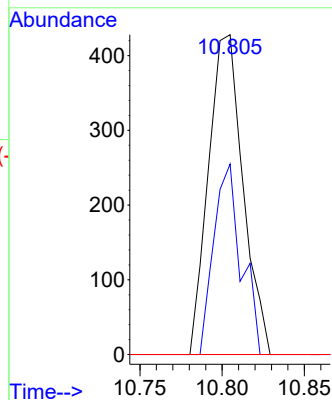
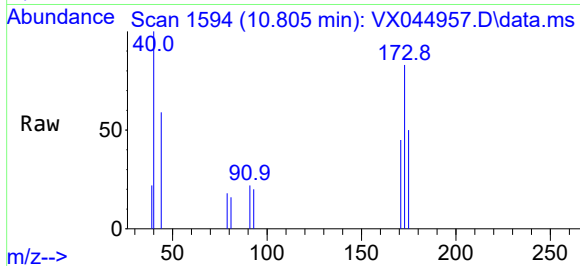




#71
Bromoform
Concen: 0.70 ug/l
RT: 10.805 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

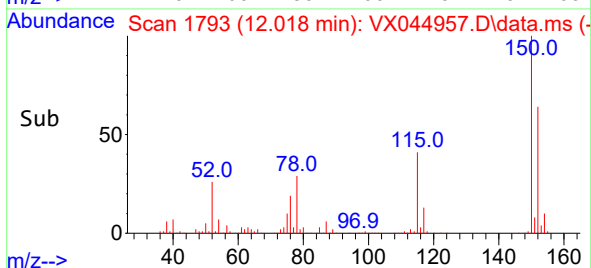
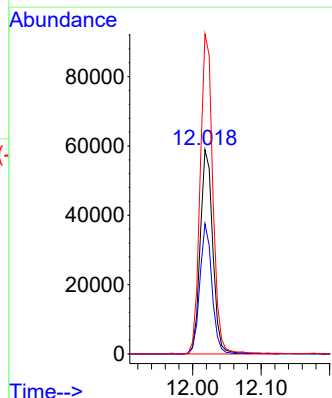
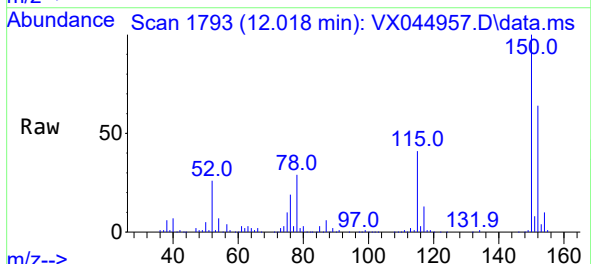
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

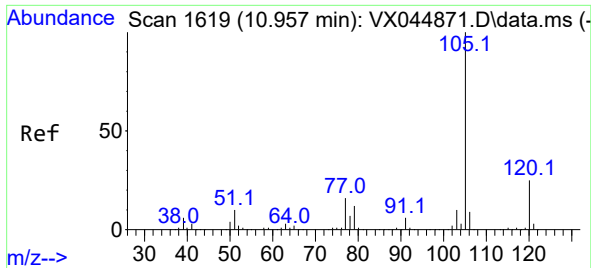
Tgt Ion:	173	Resp:	626
Ion Ratio	Lower	Upper	
173	100		
175	47.3	24.3	72.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion:	152	Resp:	75328
Ion Ratio	Lower	Upper	
152	100		
115	61.6	43.4	130.1
150	157.2	0.0	350.4

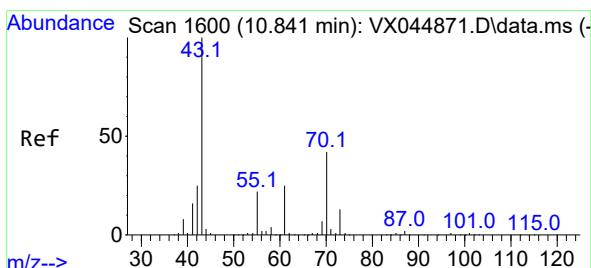
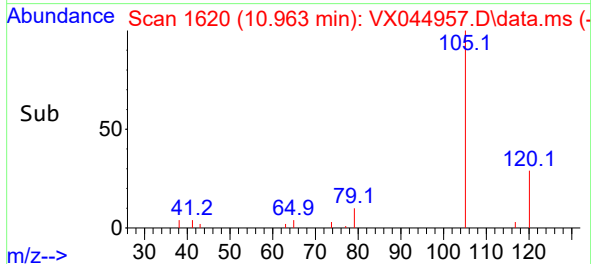
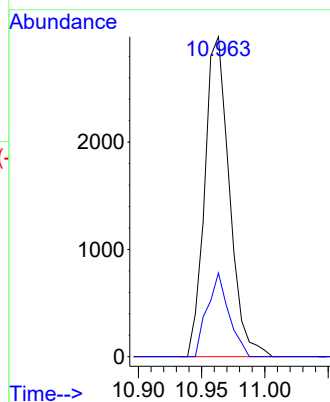
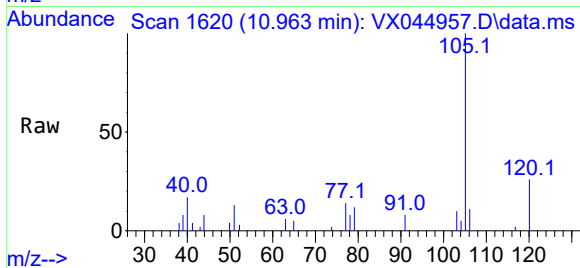




#73
Isopropylbenzene
Concen: 0.67 ug/l
RT: 10.963 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

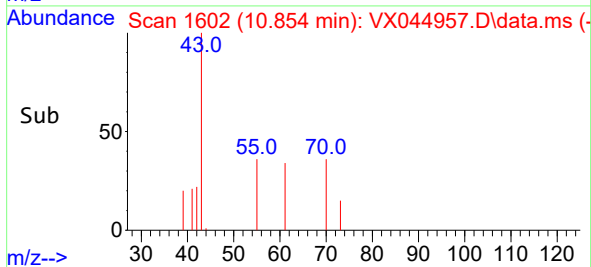
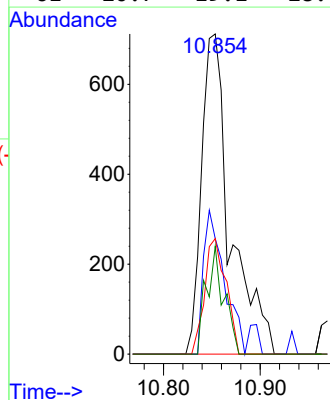
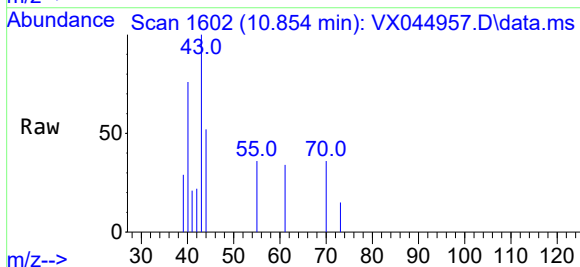
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

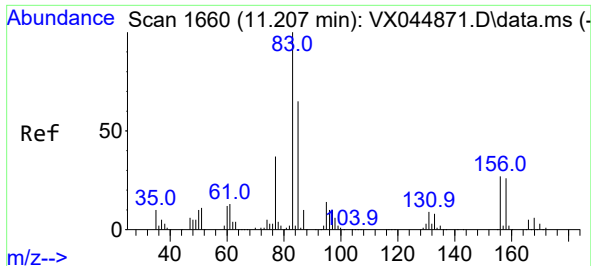
Tgt Ion:105 Resp: 4048
Ion Ratio Lower Upper
105 100
120 22.9 13.2 39.5



#74
N-ethyl acetate
Concen: 0.54 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
70 32.5 33.7 50.5#
55 26.8 18.6 27.8
61 20.7 19.1 28.7

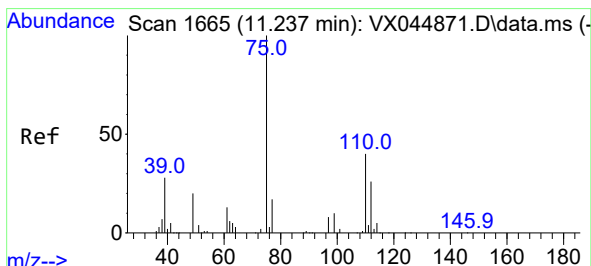
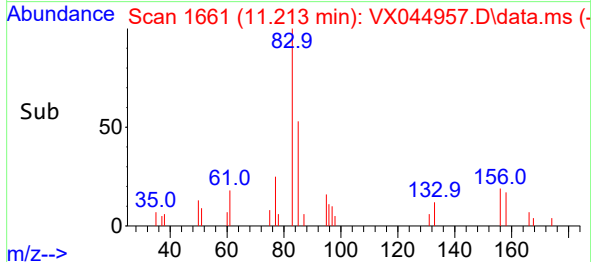
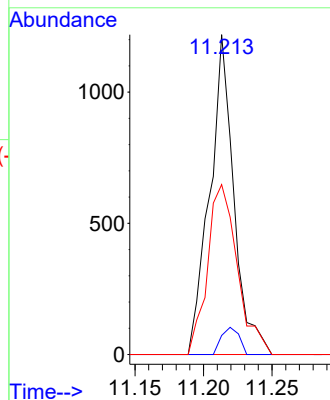
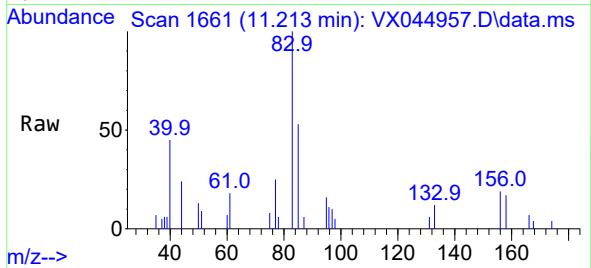




#75
1,1,2,2-Tetrachloroethane
Concen: 0.72 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

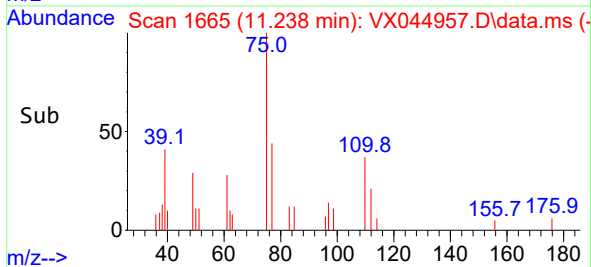
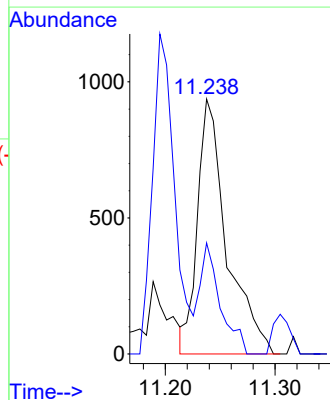
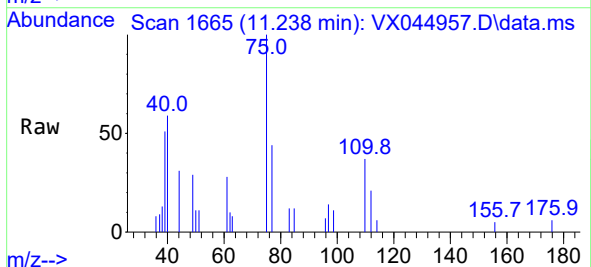
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

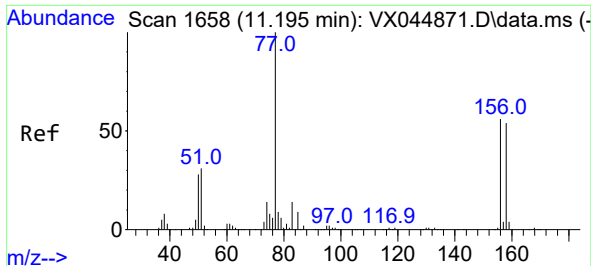
Tgt Ion: 83 Resp: 1491
Ion Ratio Lower Upper
83 100
131 6.3 4.5 13.5
85 65.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 1.04 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 75 Resp: 1739
Ion Ratio Lower Upper
75 100
77 30.0 21.9 65.7

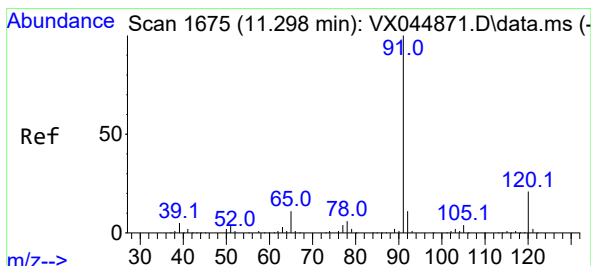
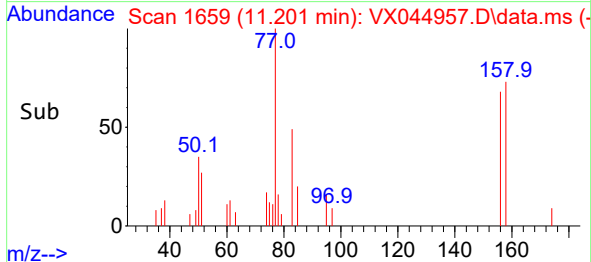
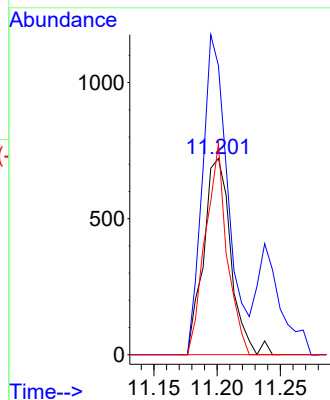
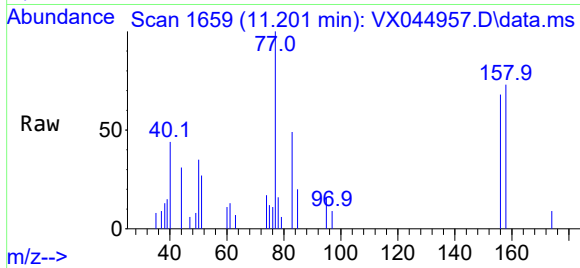




#77
Bromobenzene
Concen: 0.79 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

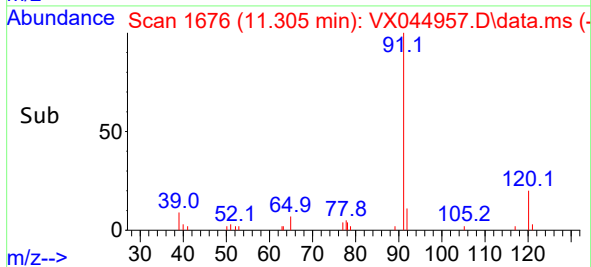
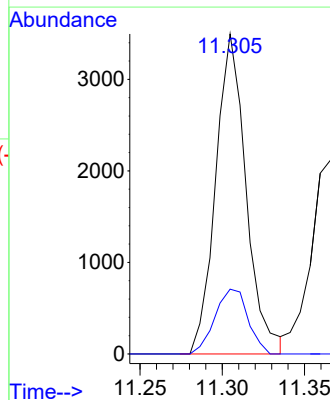
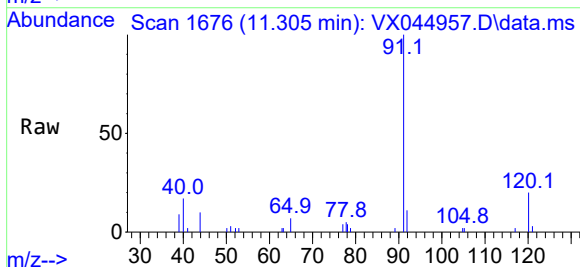
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

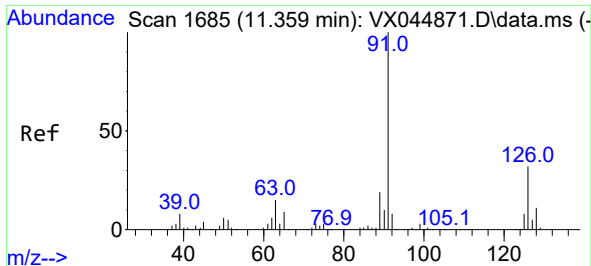
Tgt Ion:156 Resp: 1083
Ion Ratio Lower Upper
156 100
77 152.7 88.4 265.3
158 85.3 48.4 145.2



#78
n-propylbenzene
Concen: 0.64 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 91 Resp: 4500
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3

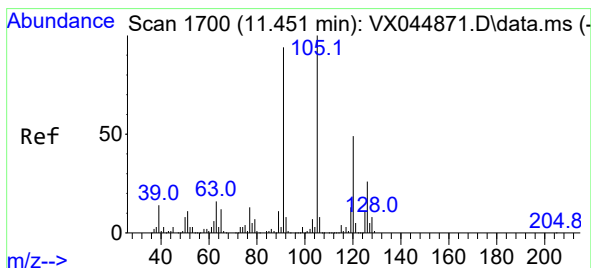
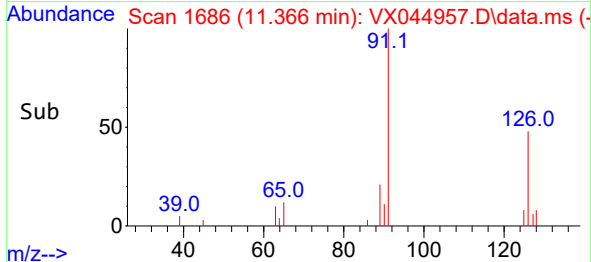
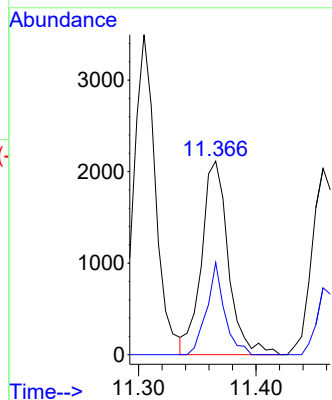
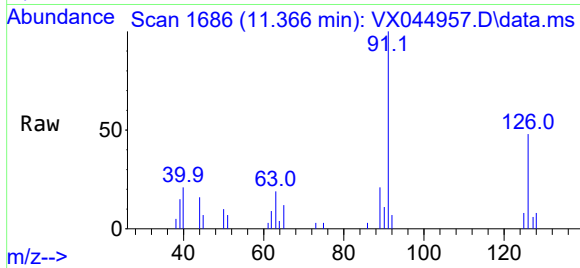




#79
2-Chlorotoluene
Concen: 0.78 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

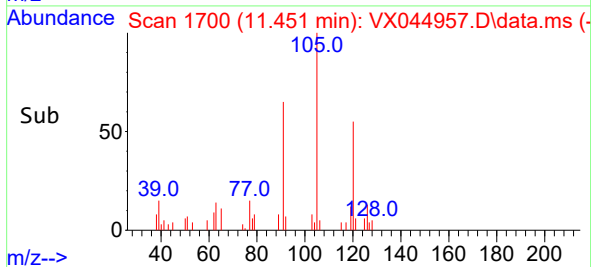
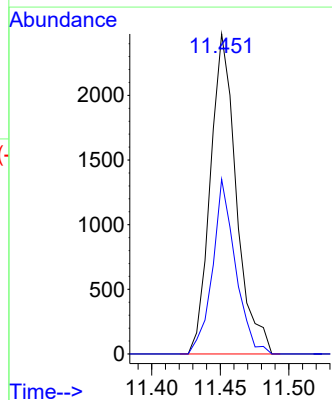
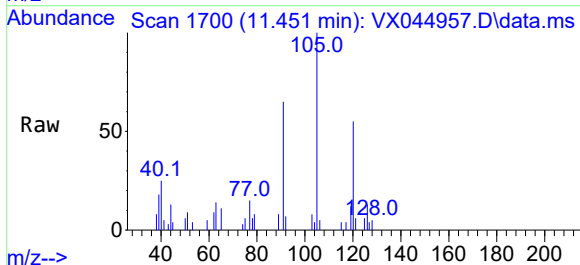
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

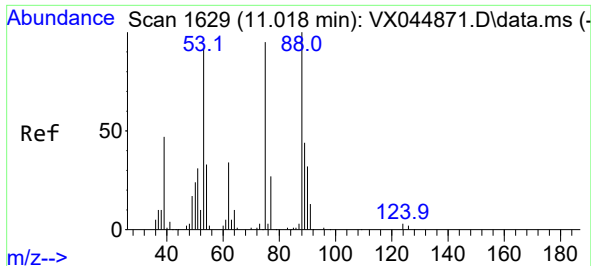
Tgt Ion: 91 Resp: 3335
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 0.66 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 105 Resp: 3260
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0

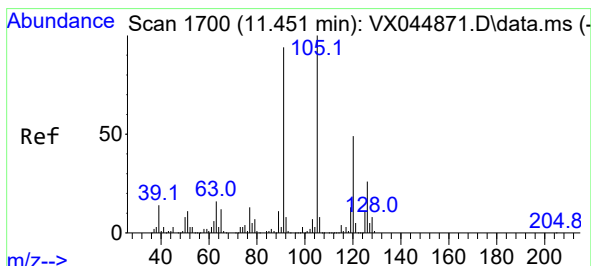
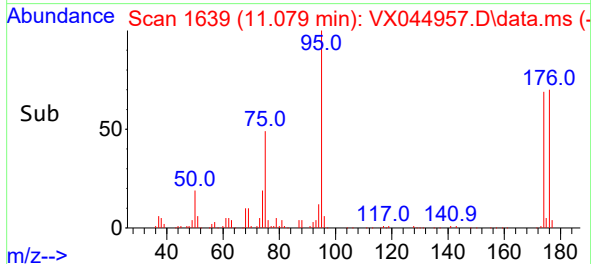
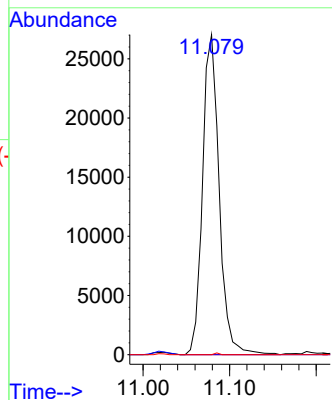
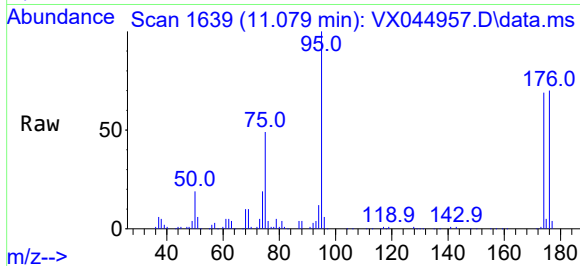




#81
trans-1,4-Dichloro-2-butene
Concen: 55.59 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

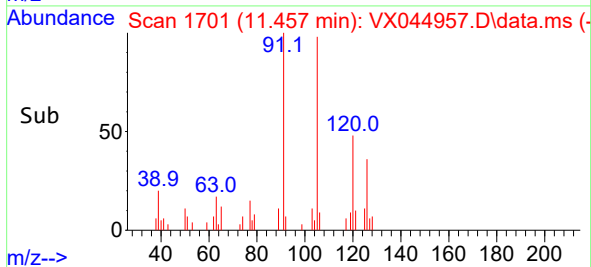
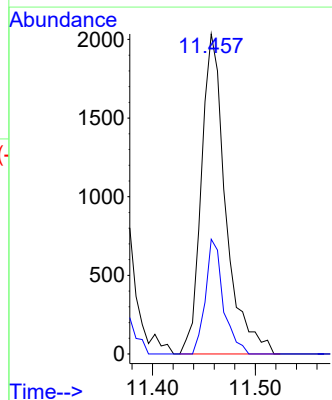
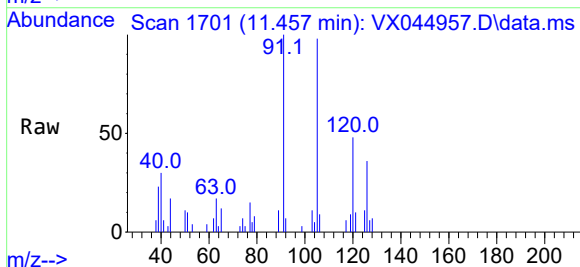
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

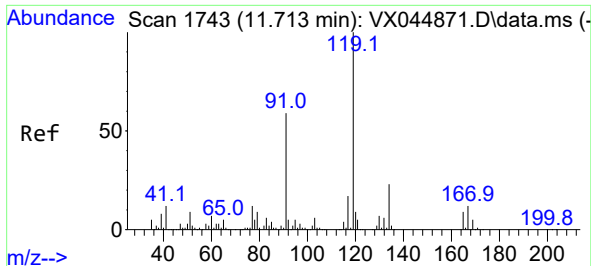
Tgt Ion: 75 Resp: 36092
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 36.6 54.8#



#82
4-Chlorotoluene
Concen: 0.70 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion: 91 Resp: 3355
Ion Ratio Lower Upper
91 100
126 26.3 14.2 42.6

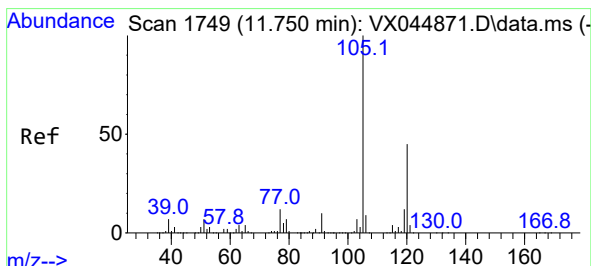
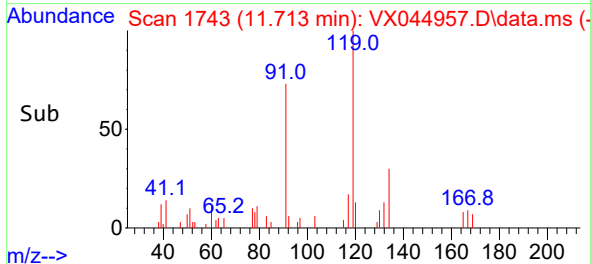
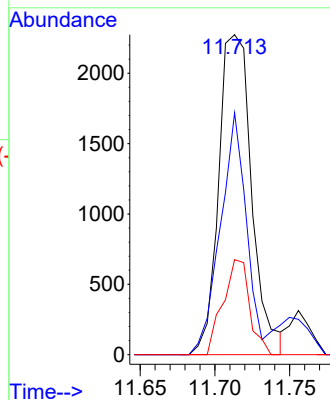
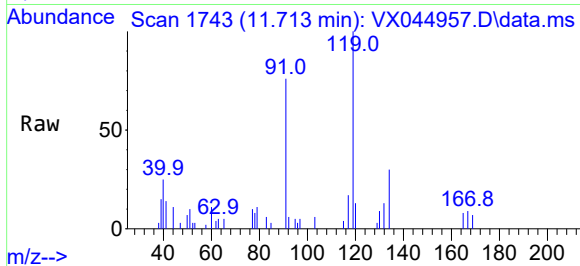




#83
tert-Butylbenzene
Concen: 0.70 ug/l
RT: 11.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

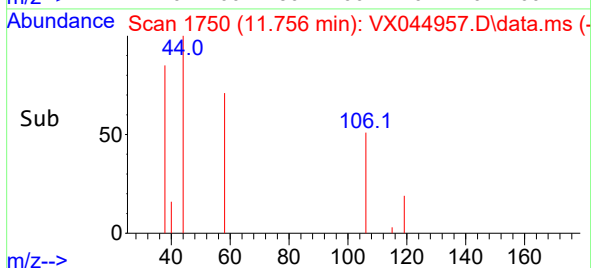
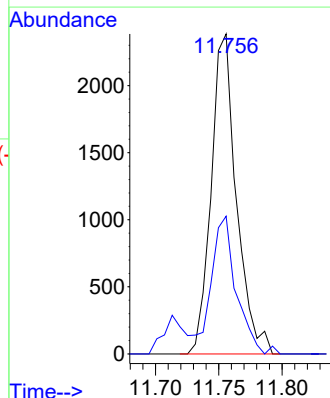
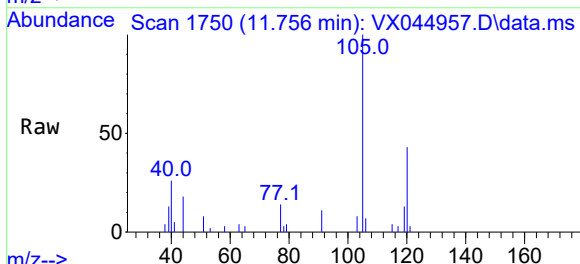
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

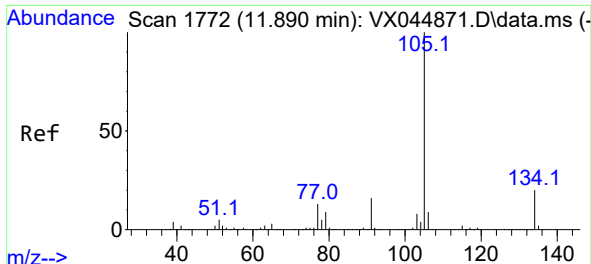
Tgt Ion:	119	Resp:	3496
Ion	Ratio	Lower	Upper
119	100		
91	61.2	29.1	87.4
134	23.9	11.5	34.5



#84
1,2,4-Trimethylbenzene
Concen: 0.68 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion:	105	Resp:	3307
Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.4	67.0

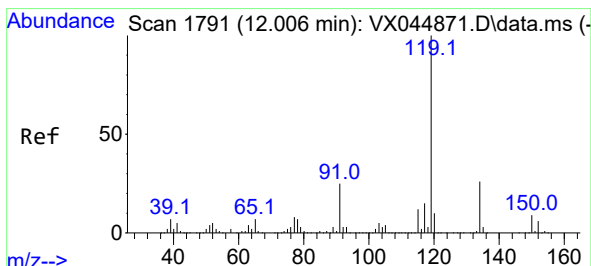
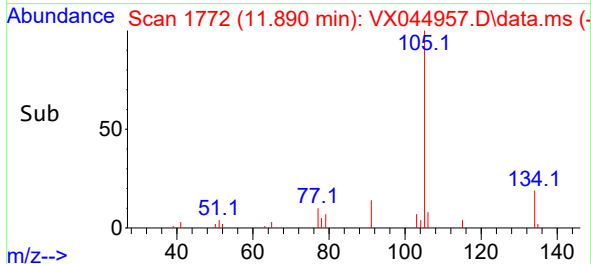
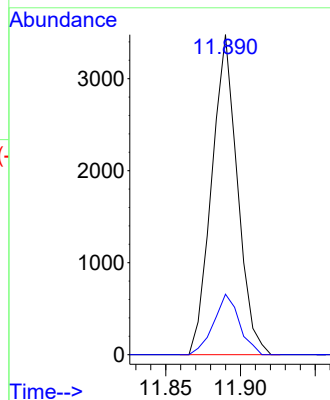
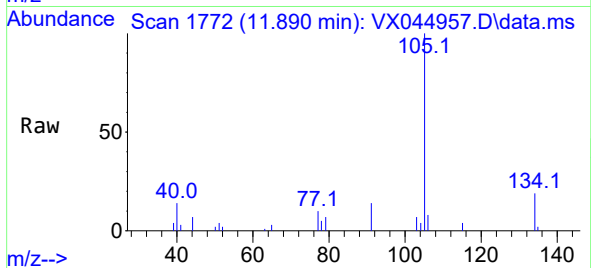




#85
sec-Butylbenzene
Concen: 0.67 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

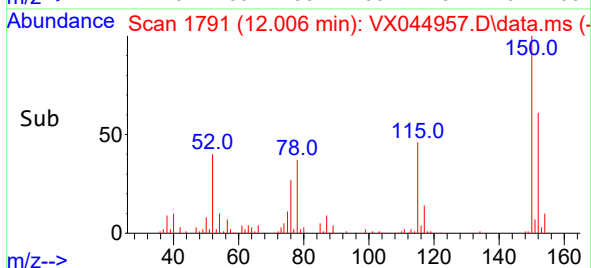
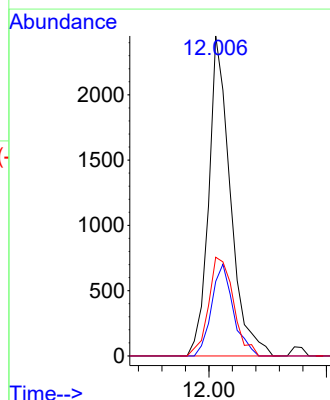
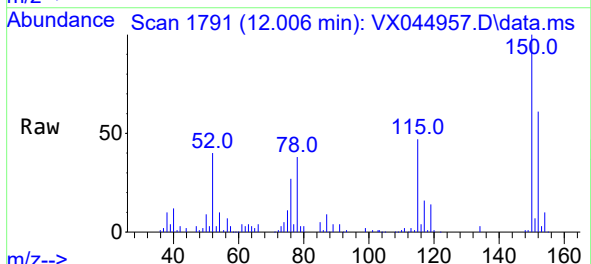
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

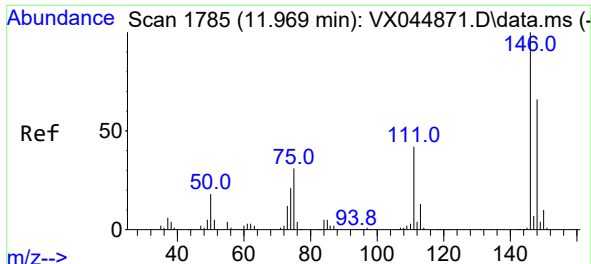
Tgt Ion:105 Resp: 4160
Ion Ratio Lower Upper
105 100
134 18.9 9.8 29.3



#86
p-Isopropyltoluene
Concen: 0.63 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion:119 Resp: 3134
Ion Ratio Lower Upper
119 100
134 28.7 13.0 38.9
91 35.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 0.70 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

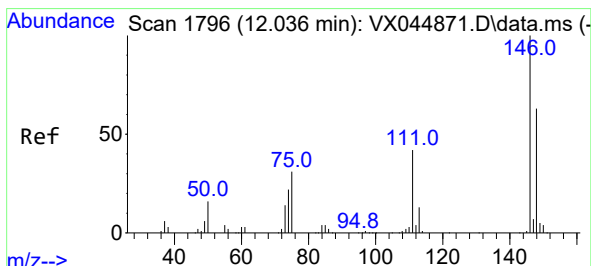
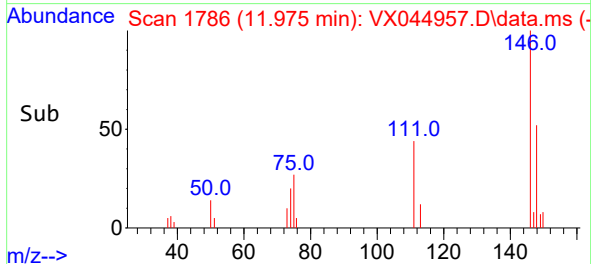
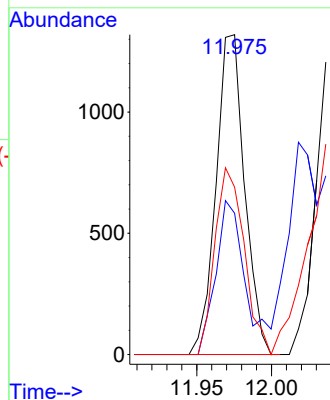
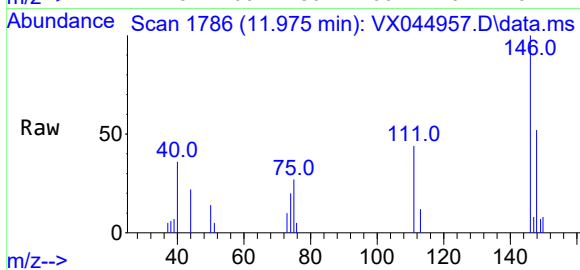
Tgt Ion:146 Resp: 1759

Ion Ratio Lower Upper

146 100

111 50.1 21.2 63.6

148 59.7 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 0.69 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

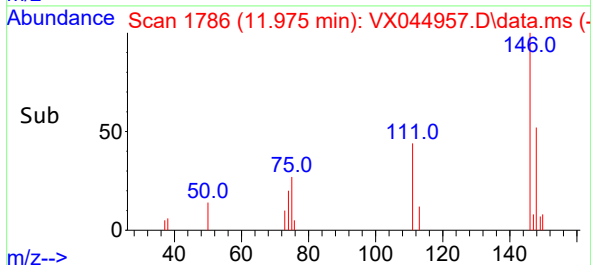
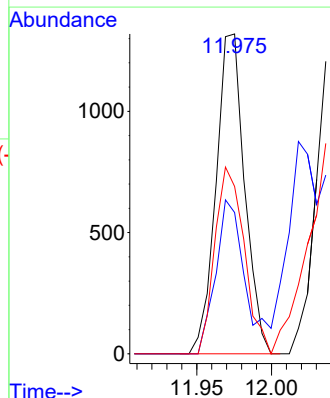
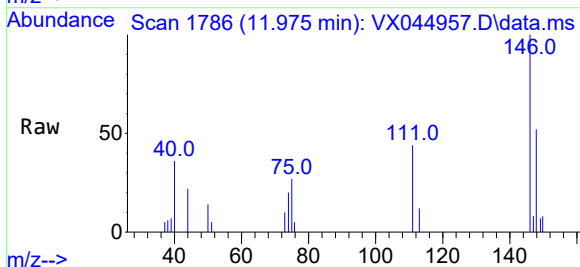
Tgt Ion:146 Resp: 1759

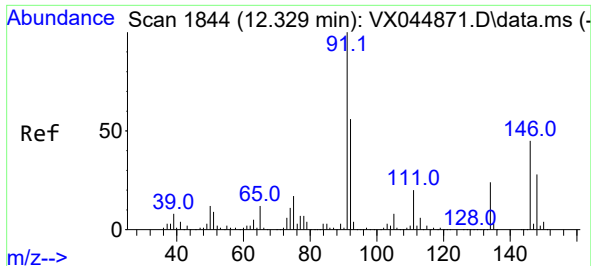
Ion Ratio Lower Upper

146 100

111 50.1 20.4 61.3

148 59.7 32.0 96.0





#89

n-Butylbenzene

Concen: 0.54 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

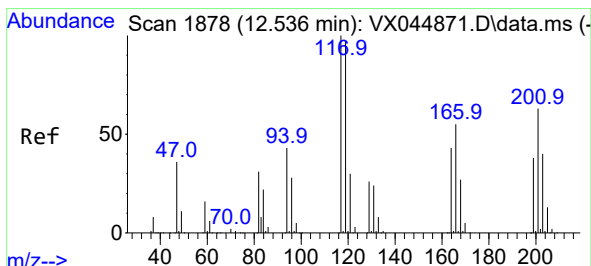
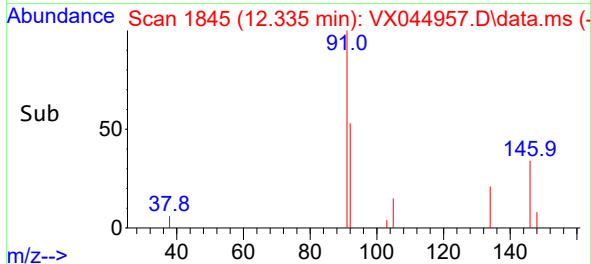
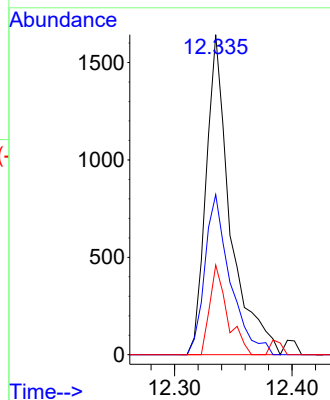
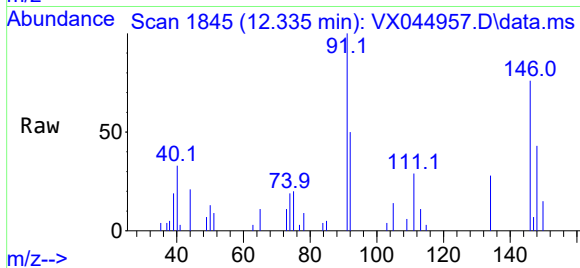
Tgt Ion: 91 Resp: 2352

Ion Ratio Lower Upper

91 100

92 52.6 27.2 81.6

134 20.3 12.1 36.3



#90

Hexachloroethane

Concen: 0.55 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044957.D

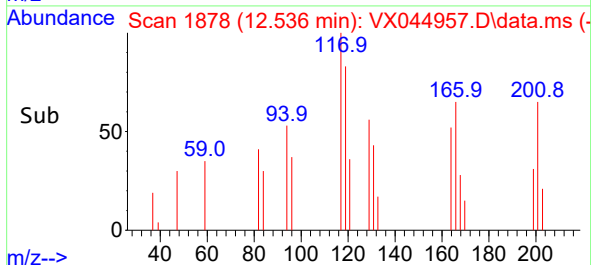
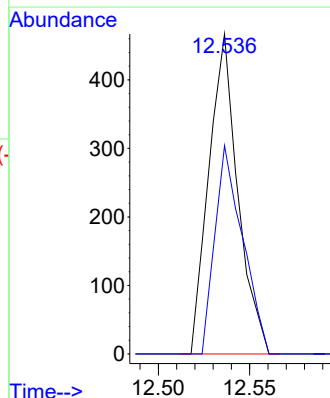
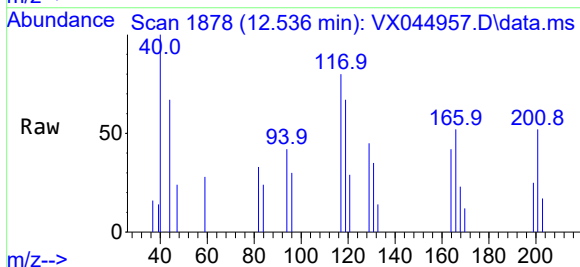
Acq: 14 Feb 2025 13:34

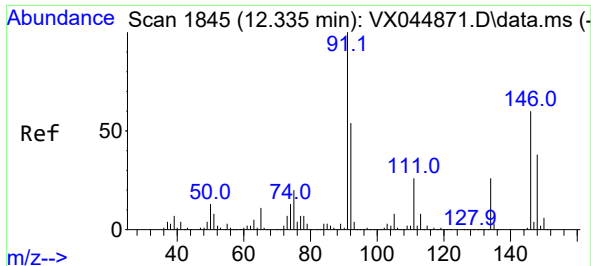
Tgt Ion: 117 Resp: 515

Ion Ratio Lower Upper

117 100

201 62.5 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 0.75 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

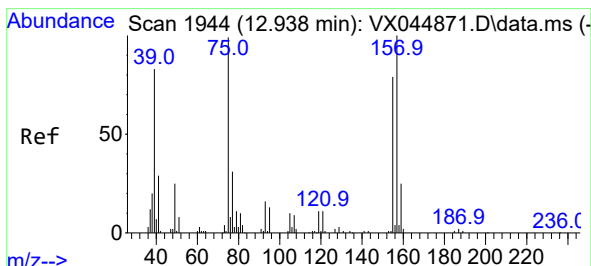
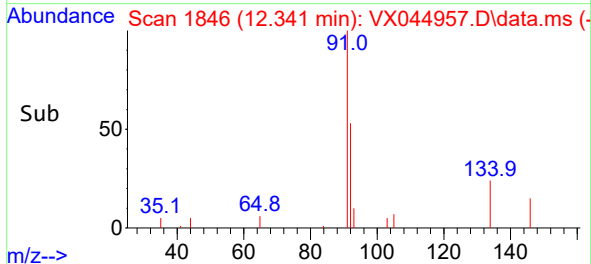
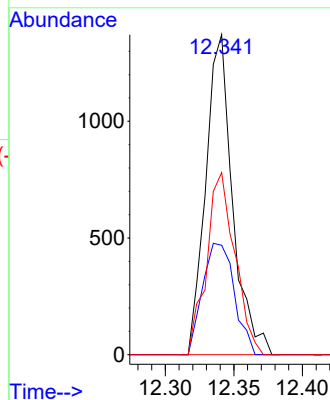
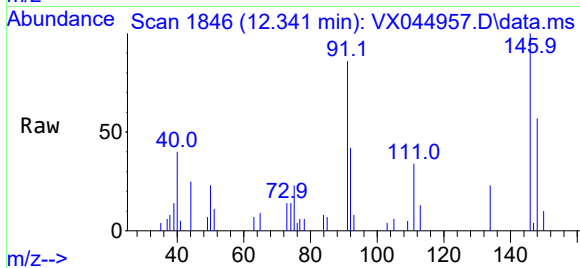
Tgt Ion:146 Resp: 1873

Ion Ratio Lower Upper

146 100

111 40.9 21.8 65.4

148 59.8 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.58 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX044957.D

Acq: 14 Feb 2025 13:34

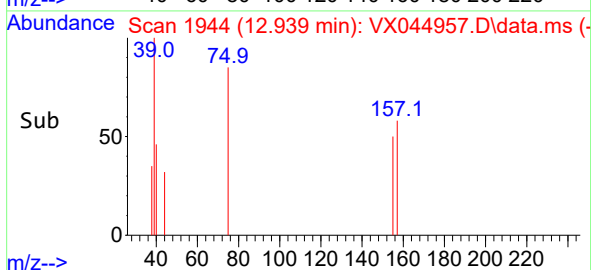
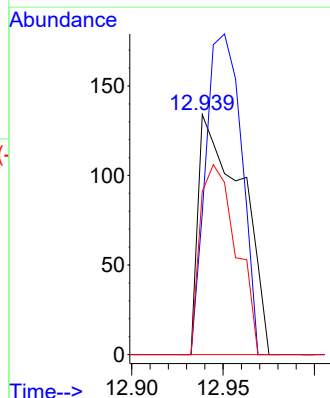
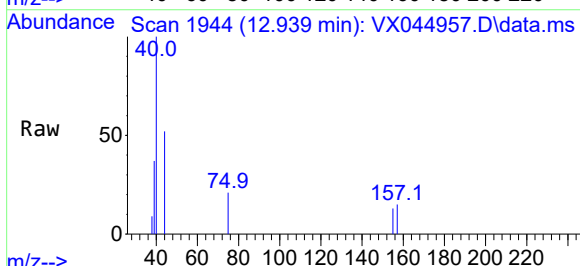
Tgt Ion: 75 Resp: 219

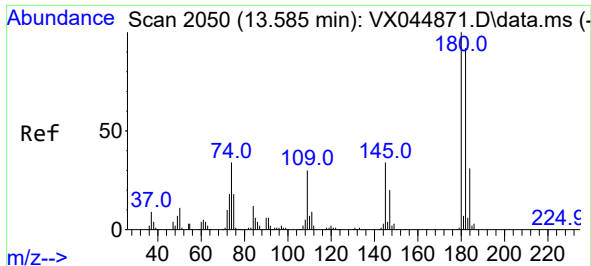
Ion Ratio Lower Upper

75 100

155 111.4 40.5 121.4

157 66.7 51.4 154.3

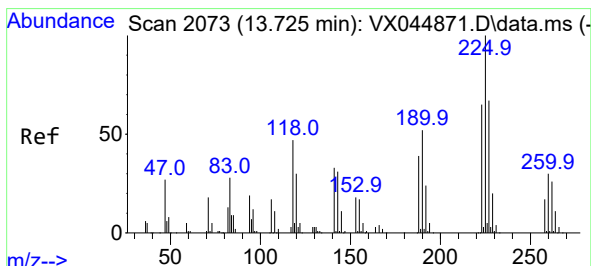
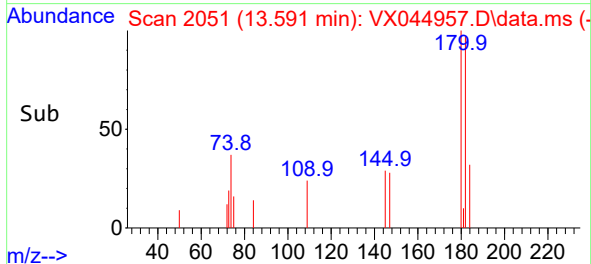
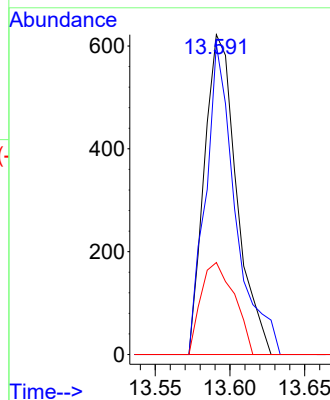
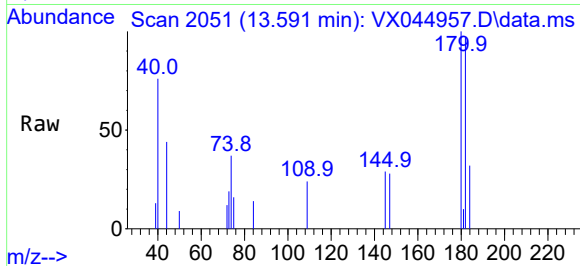




#93
1,2,4-Trichlorobenzene
Concen: 0.62 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

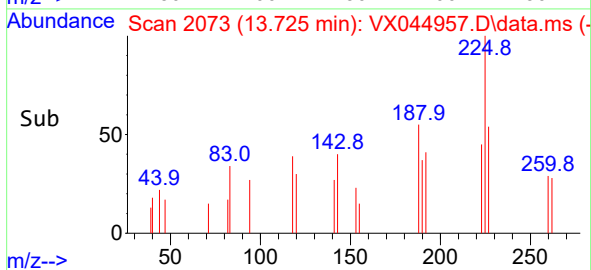
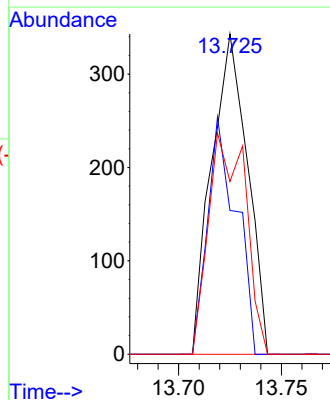
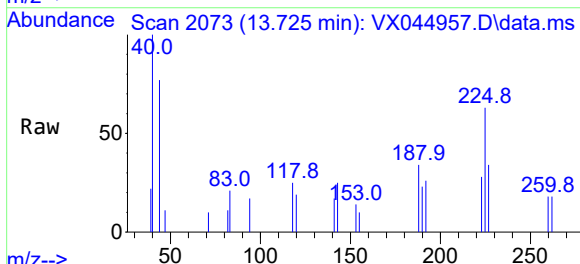
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

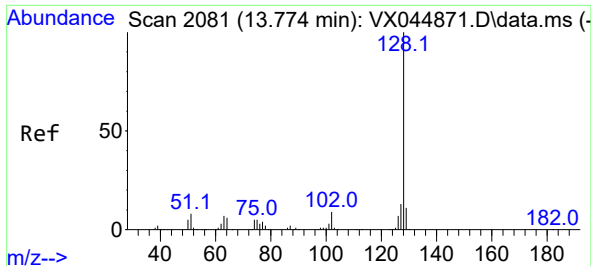
Tgt Ion:180	Resp:	931
Ion Ratio	Lower	Upper
180	100	
182	90.0	47.6 142.8
145	30.0	16.4 49.1



#94
Hexachlorobutadiene
Concen: 0.70 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion:225	Resp:	416
Ion Ratio	Lower	Upper
225	100	
223	59.1	31.4 94.2
227	71.2	32.3 96.8

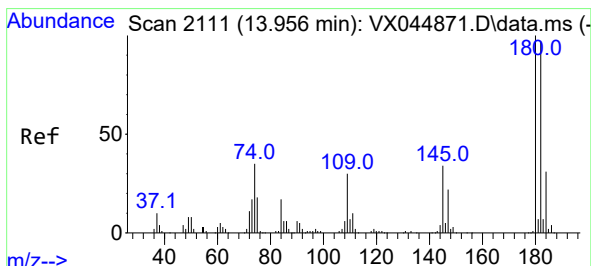
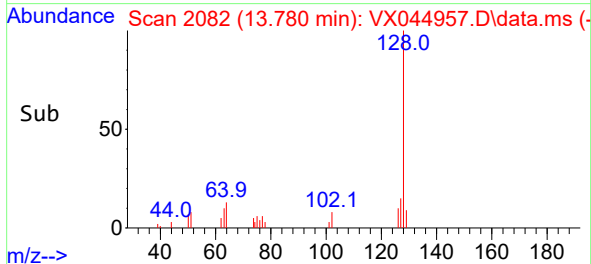
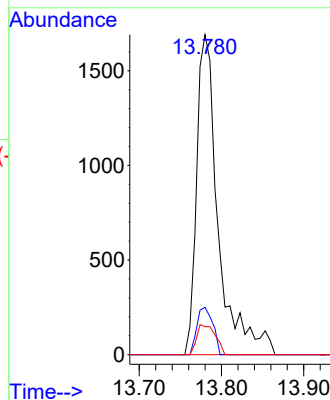
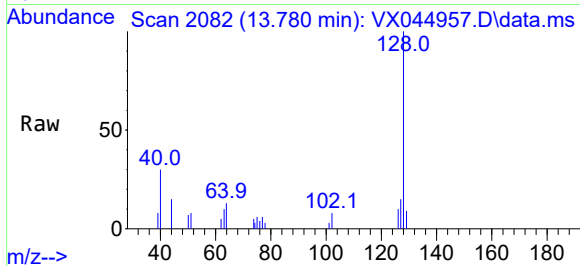




#95
Naphthalene
Concen: 0.57 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.1	15.1
129	8.0	8.9	13.3#



#96
1,2,3-Trichlorobenzene
Concen: 0.61 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX044957.D
Acq: 14 Feb 2025 13:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.9	143.6
145	29.1	17.1	51.3

