

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044958.D
 Acq On : 14 Feb 2025 13:57
 Operator : JC/MD
 Sample : Q1168-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 15 03:04:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 15 03:00:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	97343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	160376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83007	58.254	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.500%
35) Dibromofluoromethane	5.379	113	64950	55.143	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.280%
50) Toluene-d8	8.647	98	237174	53.251	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.500%
62) 4-Bromofluorobenzene	11.079	95	80639	53.705	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.420%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	3641	2.667	ug/l	98
3) Chloromethane	1.307	50	4511	2.715	ug/l	97
4) Vinyl Chloride	1.374	62	4045	2.513	ug/l	98
5) Bromomethane	1.593	94	1657	3.440	ug/l	93
6) Chloroethane	1.666	64	2398	4.018	ug/l #	80
7) Trichlorofluoromethane	1.874	101	5545	2.724	ug/l	99
8) Diethyl Ether	2.130	74	1989	2.694	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.319	101	3314	2.694	ug/l	98
10) Methyl Iodide	2.441	142	4030	2.528	ug/l	98
11) Tert butyl alcohol	2.965	59	5099	19.289	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	3012	2.401	ug/l	97
13) Acrolein	2.233	56	4117	15.095	ug/l	93
14) Allyl chloride	2.654	41	5767	2.543	ug/l	95
15) Acrylonitrile	3.063	53	9576	13.568	ug/l	95
16) Acetone	2.380	43	8669	15.134	ug/l	95
17) Carbon Disulfide	2.502	76	7604	2.210	ug/l #	94
18) Methyl Acetate	2.703	43	4909	2.716	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	10025	2.511	ug/l	95
20) Methylene Chloride	2.782	84	3803	2.710	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	3075	2.490	ug/l	95
22) Diisopropyl ether	3.758	45	10961	2.555	ug/l #	62
23) Vinyl Acetate	3.721	43	40313	11.527	ug/l	98
24) 1,1-Dichloroethane	3.605	63	6553	2.730	ug/l	97
25) 2-Butanone	4.568	43	12685	13.637	ug/l #	87
26) 2,2-Dichloropropane	4.465	77	4410	2.317	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	3720	2.508	ug/l	87
28) Bromochloromethane	4.898	49	3313	2.872	ug/l #	94
29) Tetrahydrofuran	5.013	42	8855	14.336	ug/l	95
30) Chloroform	5.093	83	6315	2.713	ug/l	87
31) Cyclohexane	5.465	56	5510	2.490	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	5080	2.573	ug/l	97
36) 1,1-Dichloropropene	5.684	75	4327	2.546	ug/l	98
37) Ethyl Acetate	4.727	43	4439	2.349	ug/l	97
38) Carbon Tetrachloride	5.672	117	4507	2.707	ug/l	99
39) Methylcyclohexane	7.373	83	5236	2.383	ug/l	97
40) Benzene	6.038	78	13811	2.603	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	2284	2.258	ug/l #	78
42) 1,2-Dichloroethane	6.093	62	4879	2.885	ug/l	84
43) Isopropyl Acetate	6.349	43	6808	2.230	ug/l #	94
44) Trichloroethene	7.129	130	2894	2.386	ug/l	85
45) 1,2-Dichloropropane	7.428	63	3512	2.660	ug/l #	87
46) Dibromomethane	7.586	93	2611	2.852	ug/l	91
47) Bromodichloromethane	7.818	83	4342	2.449	ug/l #	96
48) Methyl methacrylate	7.708	41	3631	2.523	ug/l	94
49) 1,4-Dioxane	7.671	88	1796	58.165	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	23652	12.746	ug/l	99
52) Toluene	8.714	92	7534	2.384	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	3496	1.949	ug/l	93
54) cis-1,3-Dichloropropene	8.373	75	4458	2.229	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	3030	2.494	ug/l	98
56) Ethyl methacrylate	9.122	69	4509	2.298	ug/l	96
57) 1,3-Dichloropropane	9.305	76	5330	2.508	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	11355	11.787	ug/l	98
59) 2-Hexanone	9.433	43	17096	12.787	ug/l	98
60) Dibromochloromethane	9.519	129	3282	2.526	ug/l	93
61) 1,2-Dibromoethane	9.616	107	3097	2.515	ug/l	100
64) Tetrachloroethene	9.275	164	2602	2.573	ug/l	84
65) Chlorobenzene	10.080	112	8435	2.449	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	2659	2.398	ug/l	94
67) Ethyl Benzene	10.195	91	14346	2.360	ug/l	99
68) m/p-Xylenes	10.299	106	10557	4.708	ug/l	95
69) o-Xylene	10.640	106	5165	2.296	ug/l	89
70) Styrene	10.659	104	8832	2.436	ug/l	97
71) Bromoform	10.799	173	1876	2.267	ug/l #	96
73) Isopropylbenzene	10.957	105	13472	2.391	ug/l	99
74) N-amyl acetate	10.848	43	5296	2.078	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	5127	2.649	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	5178	3.338	ug/l	86
77) Bromobenzene	11.195	156	3169	2.481	ug/l	98
78) n-propylbenzene	11.305	91	15293	2.352	ug/l	97
79) 2-Chlorotoluene	11.366	91	10313	2.581	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	10844	2.372	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	42541	70.547	ug/l #	11
82) 4-Chlorotoluene	11.457	91	10936	2.474	ug/l	97
83) tert-Butylbenzene	11.713	119	11022	2.383	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	11116	2.464	ug/l	100
85) sec-Butylbenzene	11.890	105	13395	2.339	ug/l	99
86) p-Isopropyltoluene	12.006	119	10646	2.312	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	5778	2.460	ug/l	97
88) 1,4-Dichlorobenzene	12.037	146	6081	2.561	ug/l	87
89) n-Butylbenzene	12.335	91	8497	2.086	ug/l	99
90) Hexachloroethane	12.536	117	1848	2.143	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	6338	2.746	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	863	2.443	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	2916	2.088	ug/l	96
94) Hexachlorobutadiene	13.725	225	1278	2.305	ug/l	92
95) Naphthalene	13.774	128	11040	2.187	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3217	2.286	ug/l	95

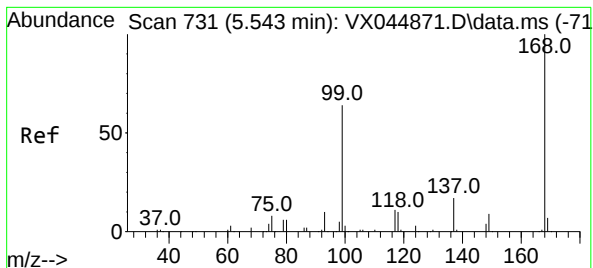
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

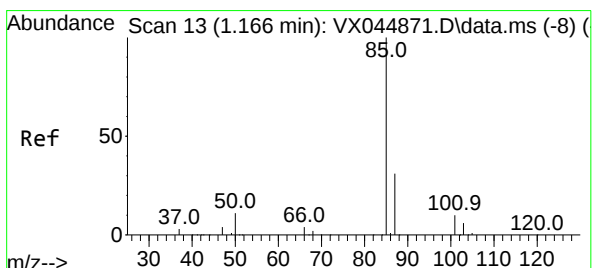
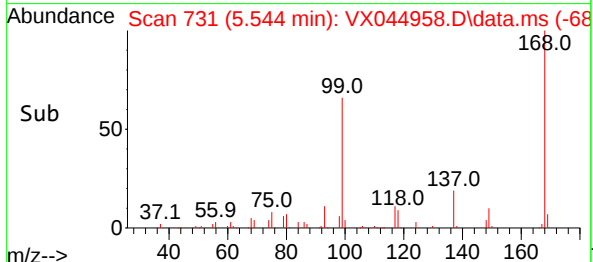
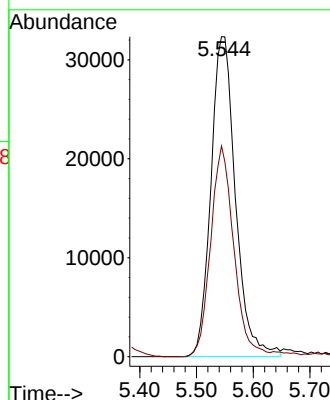
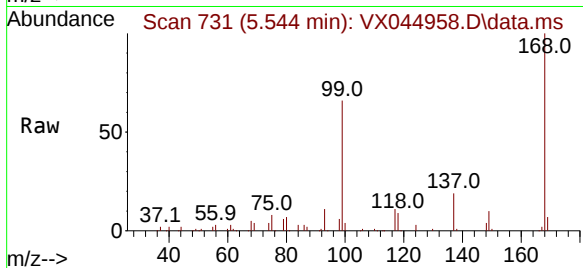
MDL-WATER-03-QT1-2025

Tgt Ion:168 Resp: 97343

Ion Ratio Lower Upper

168 100

99 65.8 51.2 76.8



#2

Dichlorodifluoromethane

Concen: 2.667 ug/l

RT: 1.167 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX044958.D

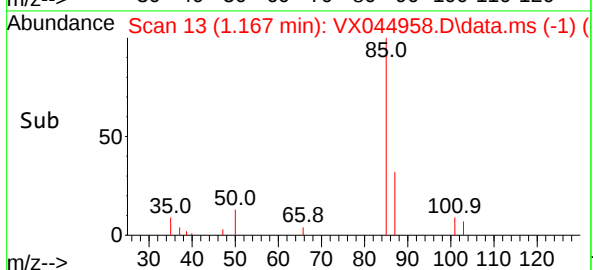
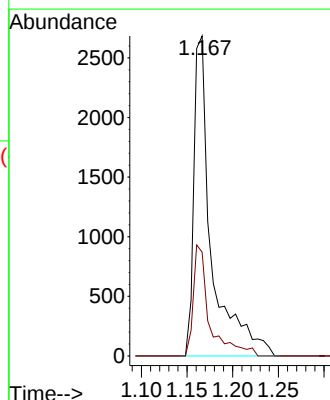
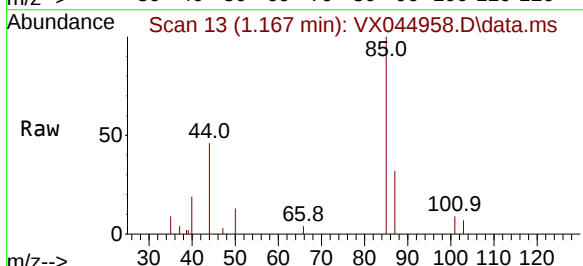
Acq: 14 Feb 2025 13:57

Tgt Ion: 85 Resp: 3641

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.3





#3

Chloromethane

Concen: 2.715 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

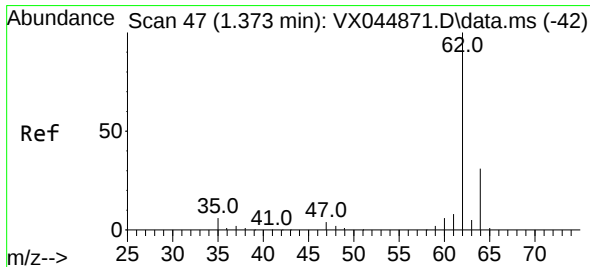
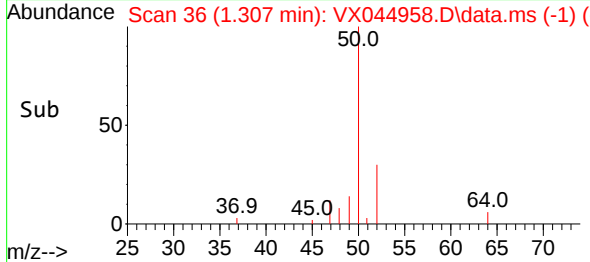
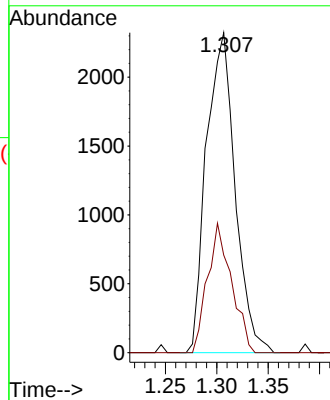
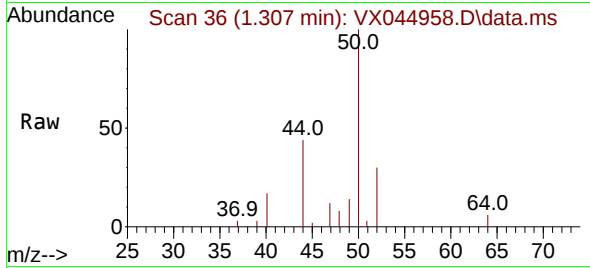
MDL-WATER-03-QT1-2025

Tgt Ion: 50 Resp: 4511

Ion Ratio Lower Upper

50 100

52 30.5 25.9 38.9



#4

Vinyl Chloride

Concen: 2.513 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044958.D

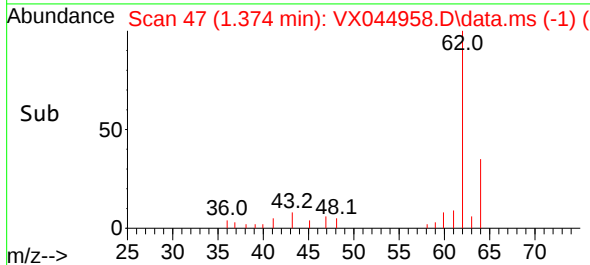
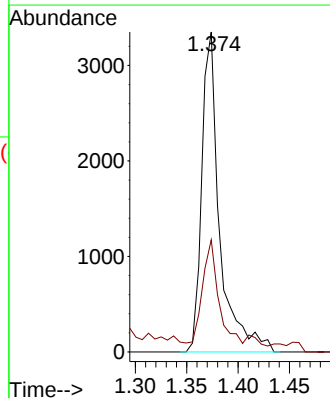
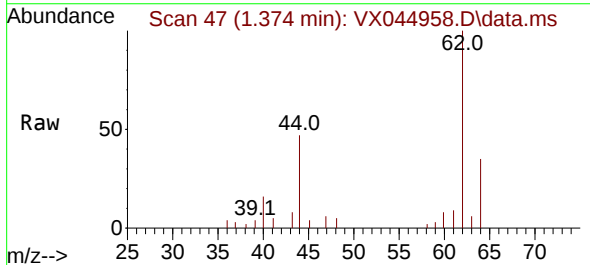
Acq: 14 Feb 2025 13:57

Tgt Ion: 62 Resp: 4045

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0

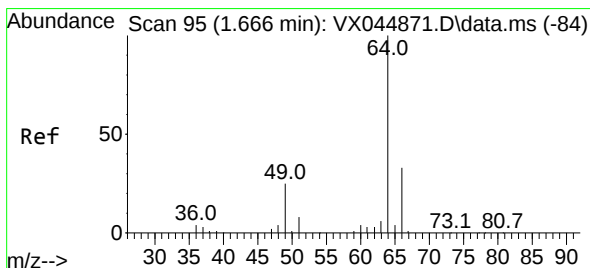
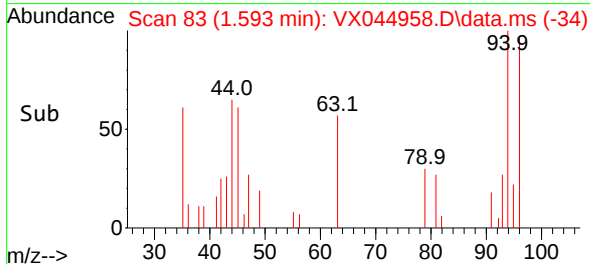
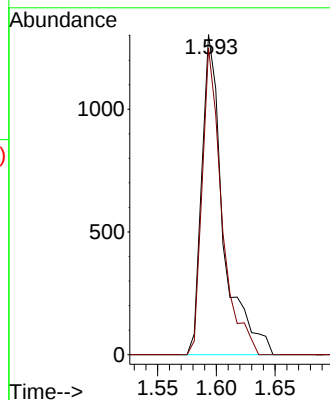
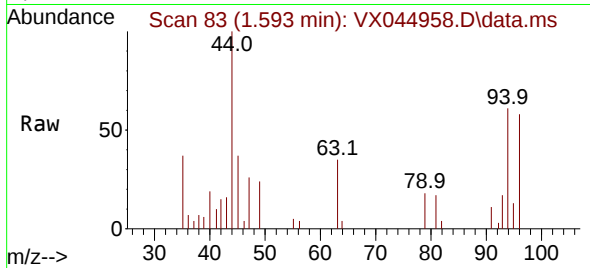




#5
 Bromomethane
 Concen: 3.440 ug/l
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

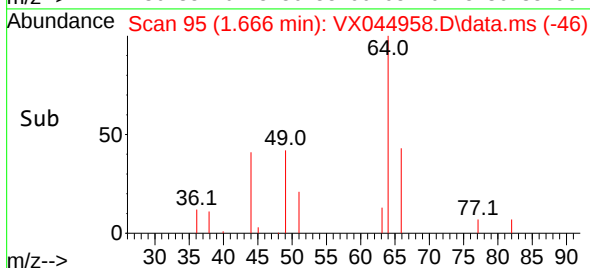
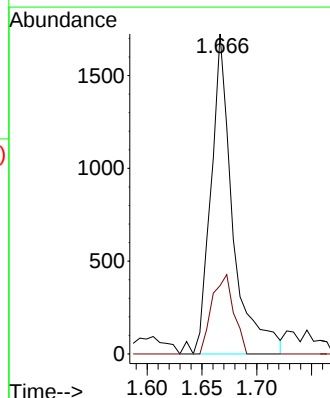
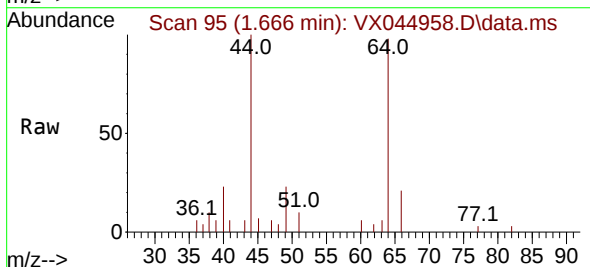
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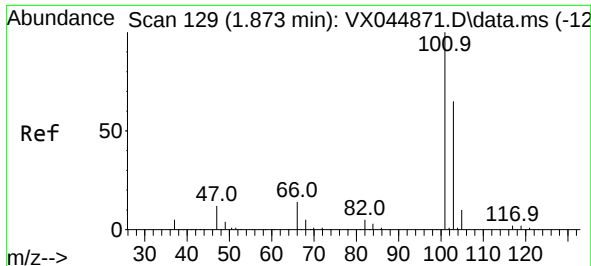
Tgt Ion: 94 Resp: 1657
 Ion Ratio Lower Upper
 94 100
 96 95.9 71.6 107.4



#6
 Chloroethane
 Concen: 4.018 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

Tgt Ion: 64 Resp: 2398
 Ion Ratio Lower Upper
 64 100
 66 21.3 25.9 38.9#

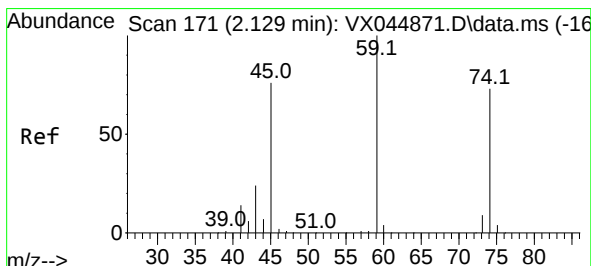
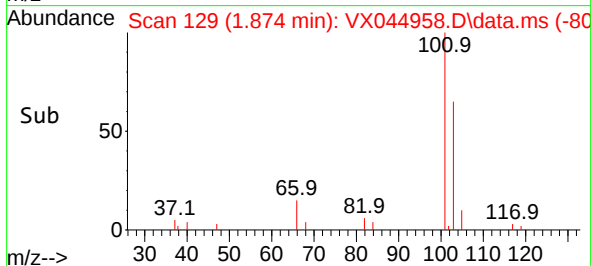
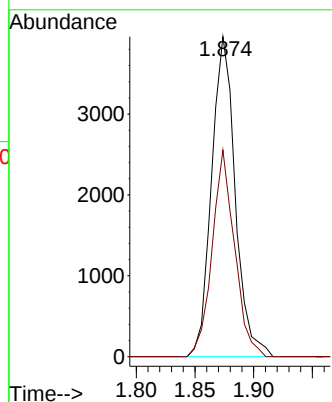
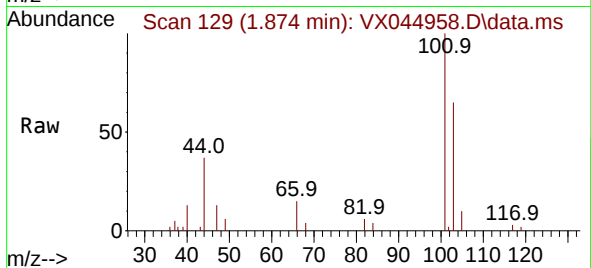




#7
 Trichlorofluoromethane
 Concen: 2.724 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

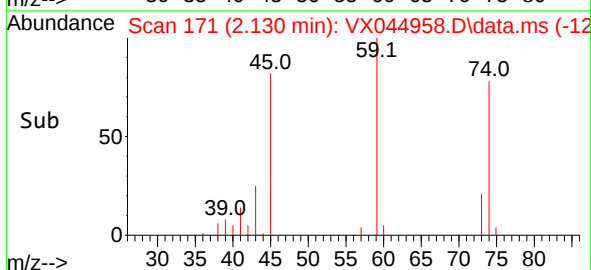
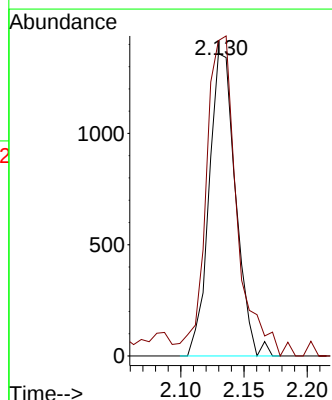
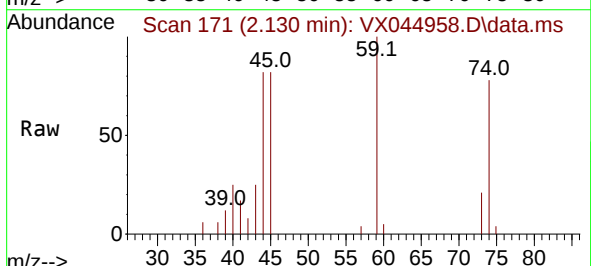
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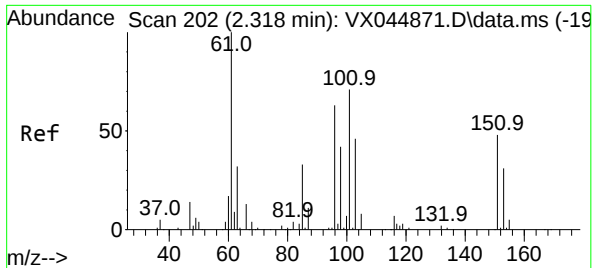
Tgt Ion:101 Resp: 5545
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.4 78.6



#8
 Diethyl Ether
 Concen: 2.694 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.001 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

Tgt Ion: 74 Resp: 1989
 Ion Ratio Lower Upper
 74 100
 45 122.7 51.1 153.4

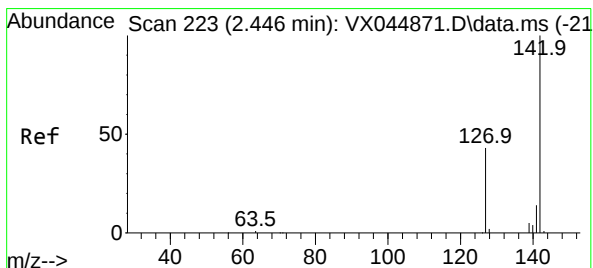
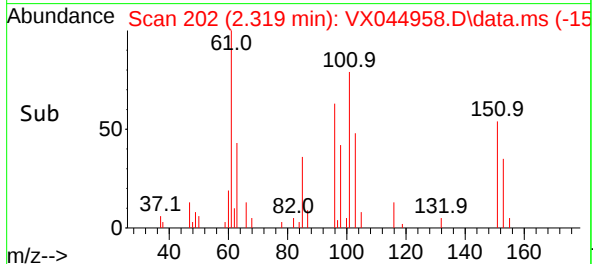
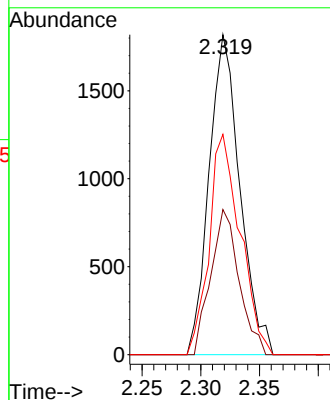
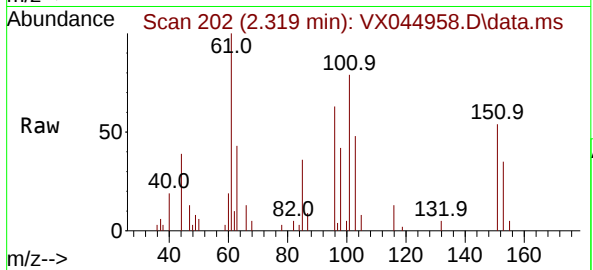




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.694 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044958.D
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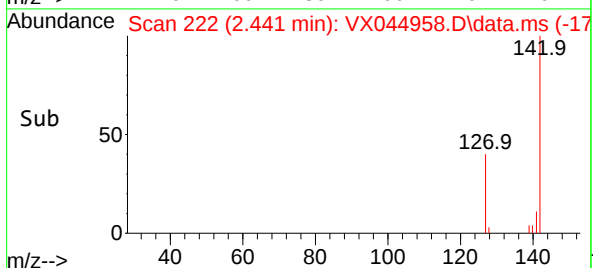
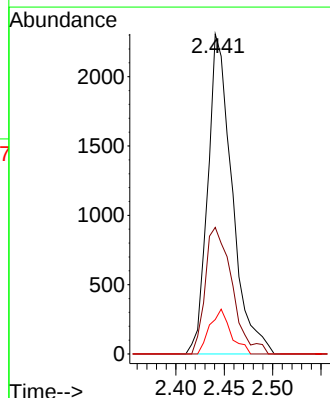
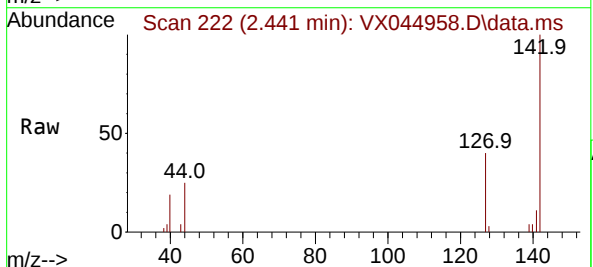
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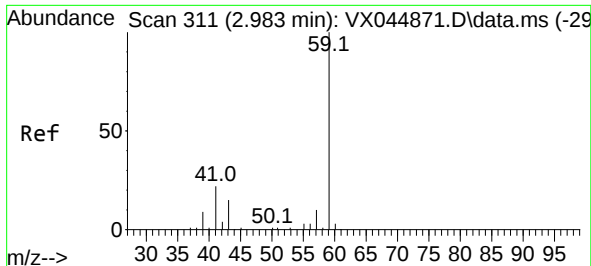
Tgt Ion:	101	Resp:	3314
Ion	Ratio	Lower	Upper
101	100		
85	41.7	35.7	53.5
151	69.3	56.0	84.0



#10
Methyl Iodide
Concen: 2.528 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:	142	Resp:	4030
Ion	Ratio	Lower	Upper
142	100		
127	43.7	34.3	51.5
141	12.1	11.4	17.2

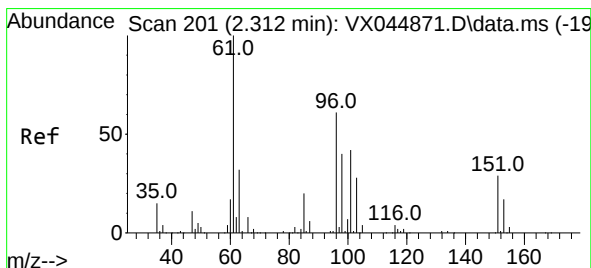
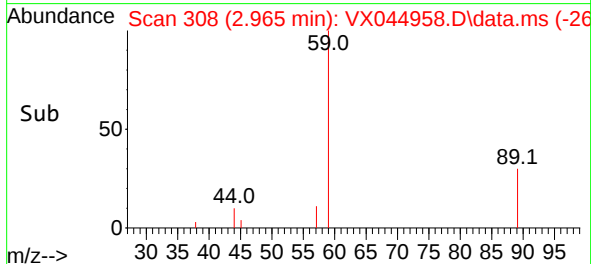
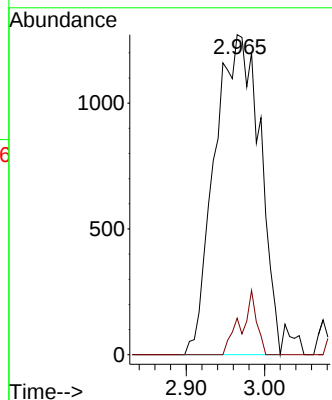
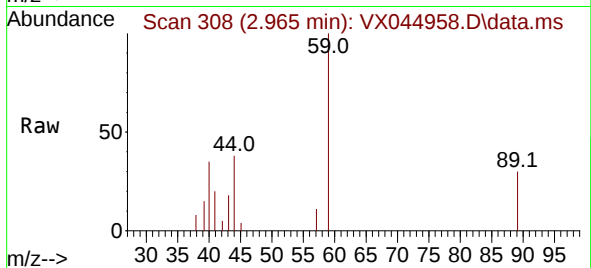




#11
Tert butyl alcohol
Concen: 19.289 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

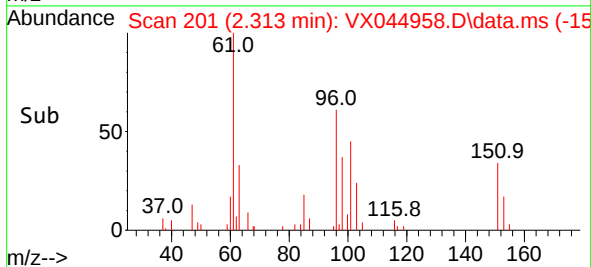
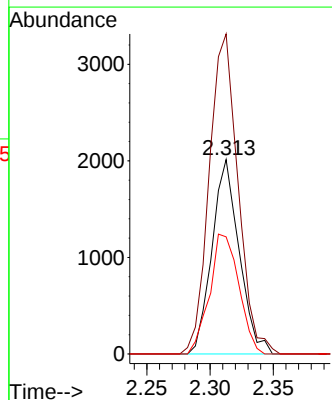
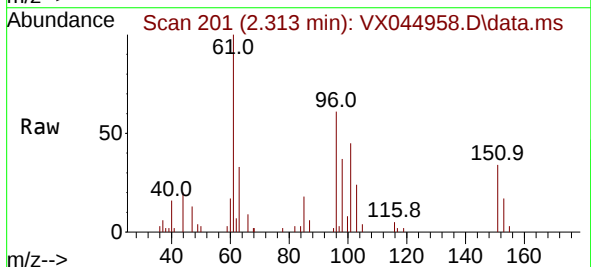
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

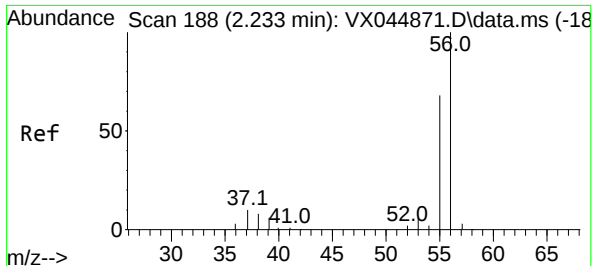
Tgt Ion: 59 Resp: 5099
Ion Ratio Lower Upper
59 100
57 7.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 2.401 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 96 Resp: 3012
Ion Ratio Lower Upper
96 100
61 164.5 130.2 195.4
98 60.2 52.2 78.4





#13

Acrolein

Concen: 15.095 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

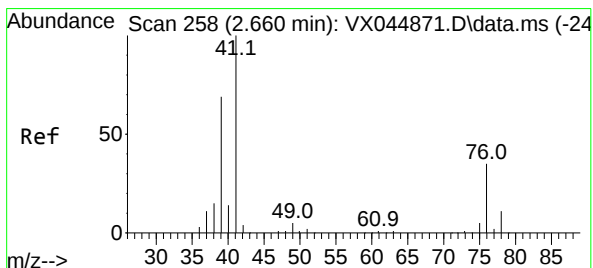
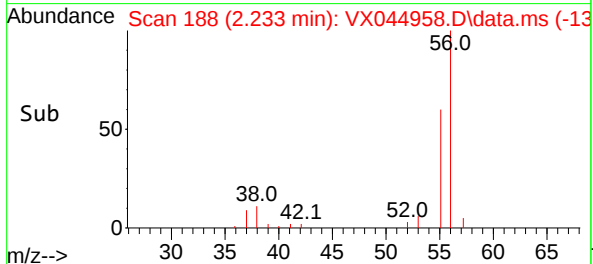
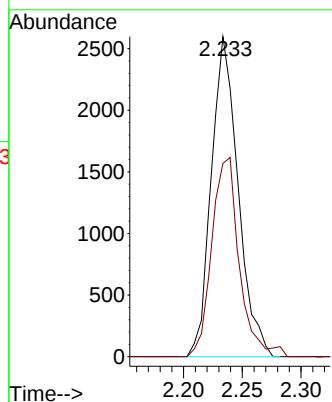
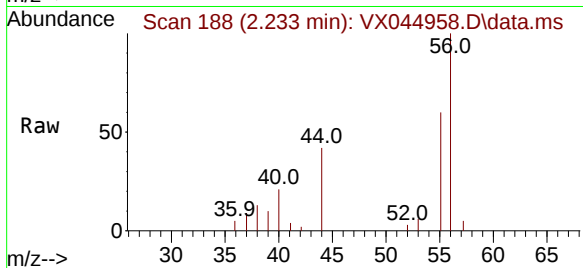
MDL-WATER-03-QT1-2025

Tgt Ion: 56 Resp: 4117

Ion Ratio Lower Upper

56 100

55 64.0 55.7 83.5



#14

Allyl chloride

Concen: 2.543 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

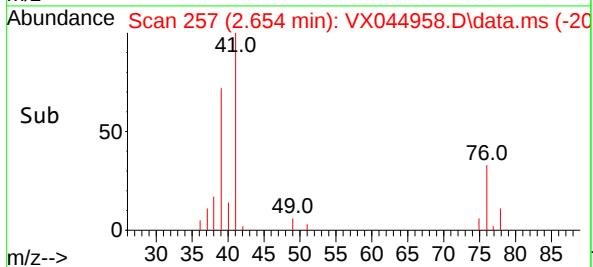
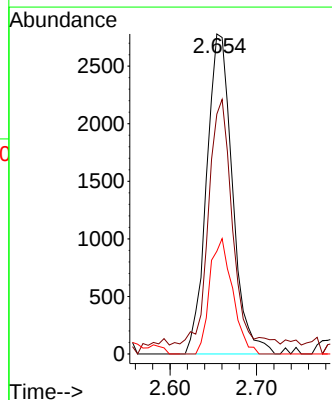
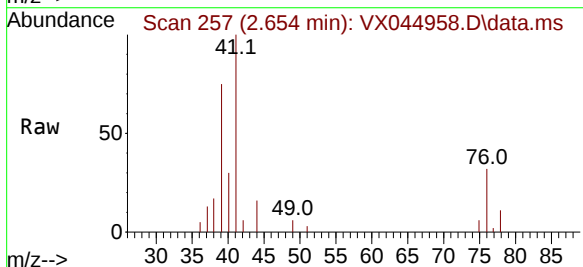
Tgt Ion: 41 Resp: 5767

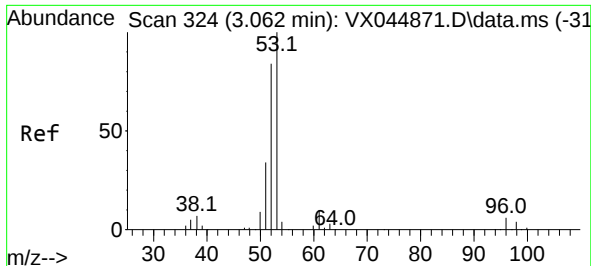
Ion Ratio Lower Upper

41 100

39 69.3 51.4 77.2

76 31.8 27.0 40.4





#15

Acrylonitrile

Concen: 13.568 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX044958.D

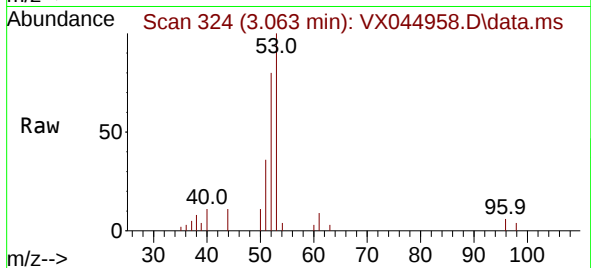
Acq: 14 Feb 2025 13:57

Instrument :

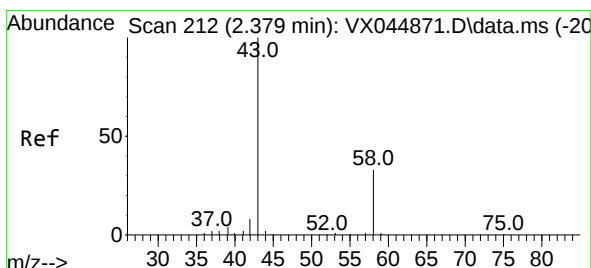
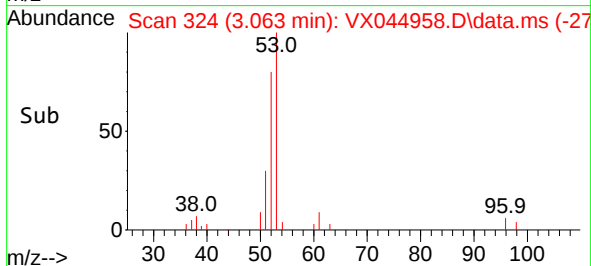
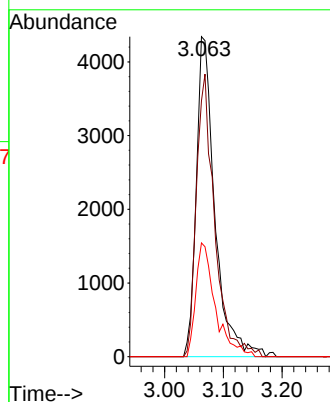
MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025



Tgt Ion: 53	Resp:	9576
Ion	Ratio	Lower Upper
53	100	
52	86.2	65.0 97.6
51	37.1	28.0 42.0



#16

Acetone

Concen: 15.134 ug/l

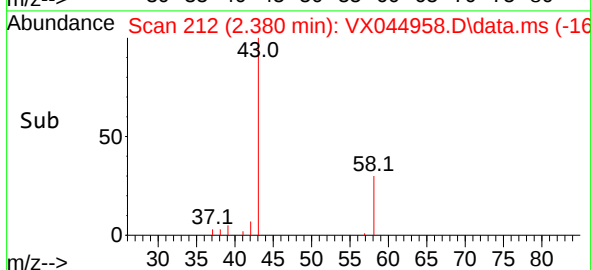
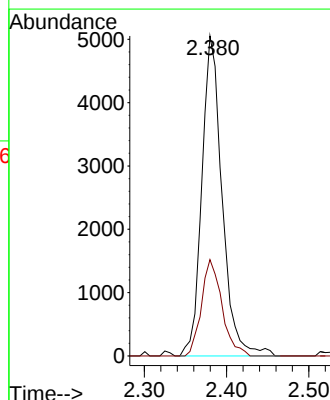
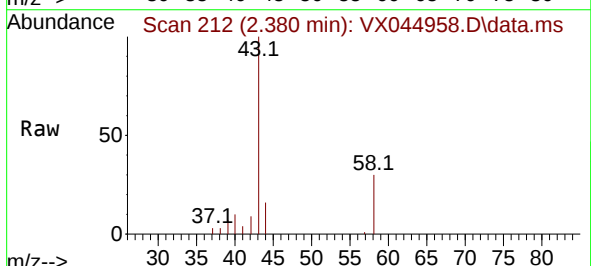
RT: 2.380 min Scan# 212

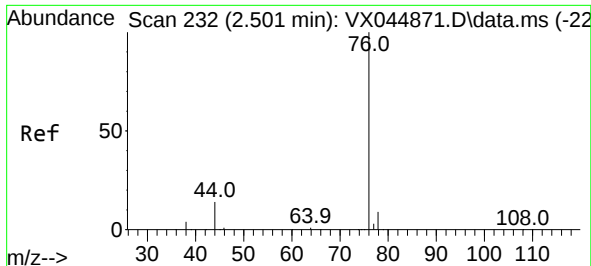
Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Tgt Ion: 43	Resp:	8669
Ion	Ratio	Lower Upper
43	100	
58	30.1	26.5 39.7

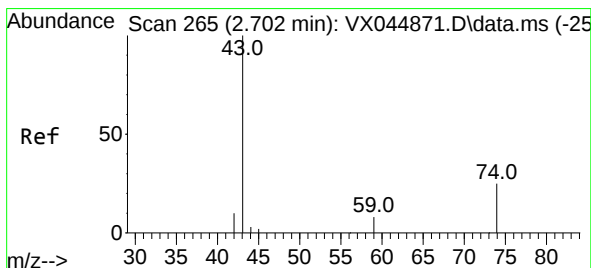
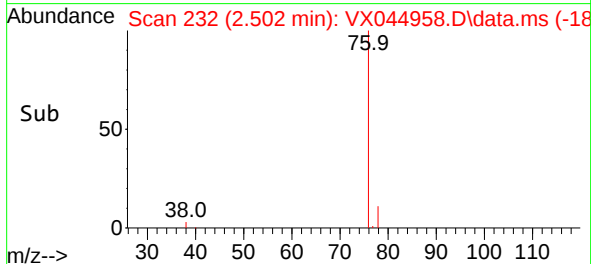
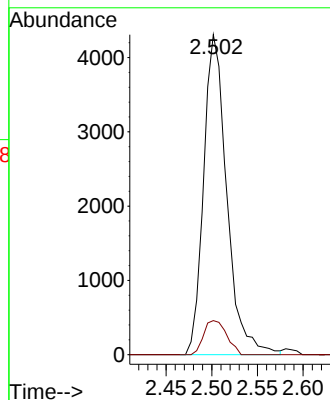
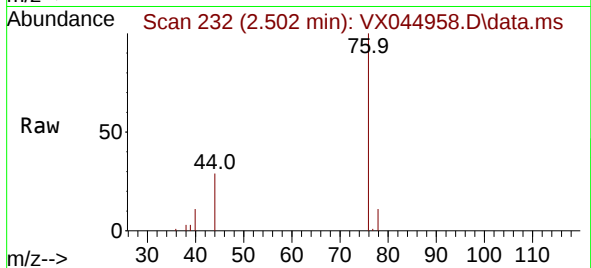




#17
Carbon Disulfide
Concen: 2.210 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

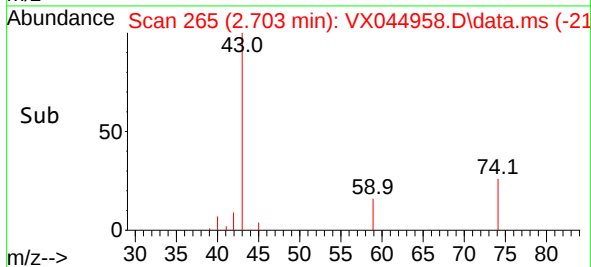
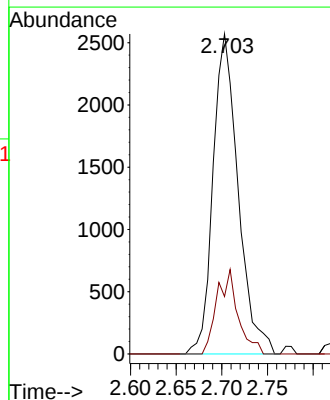
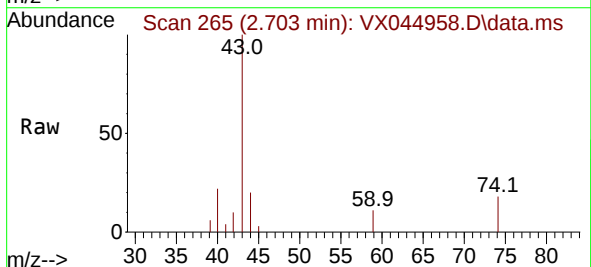
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

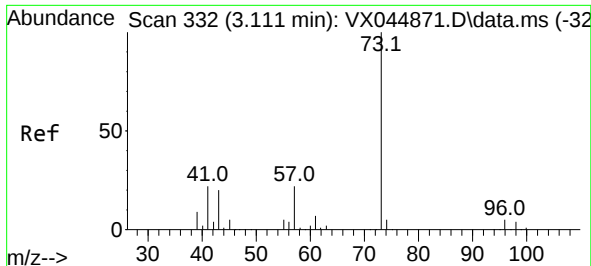
Tgt Ion: 76 Resp: 7604
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.4#



#18
Methyl Acetate
Concen: 2.716 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 43 Resp: 4909
Ion Ratio Lower Upper
43 100
74 22.2 18.9 28.3

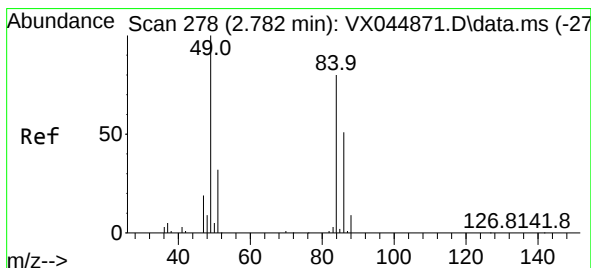
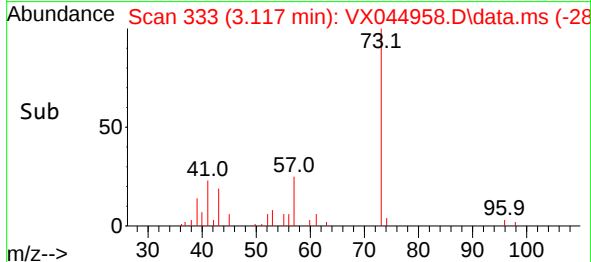
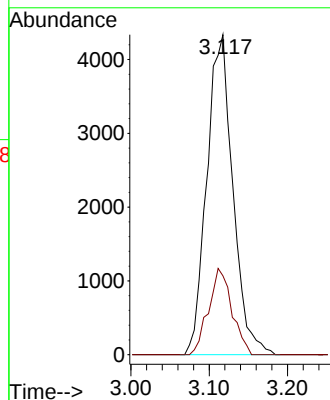
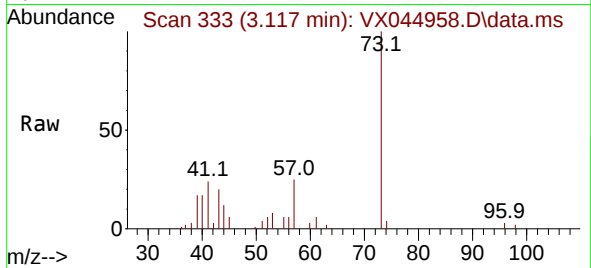




#19
Methyl tert-butyl Ether
Concen: 2.511 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

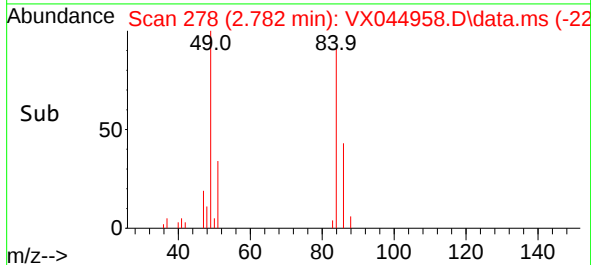
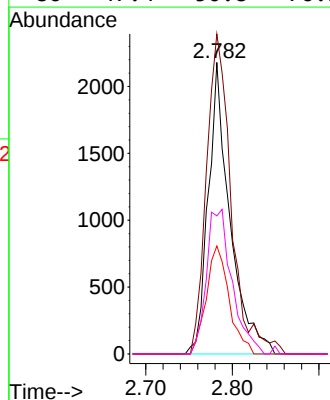
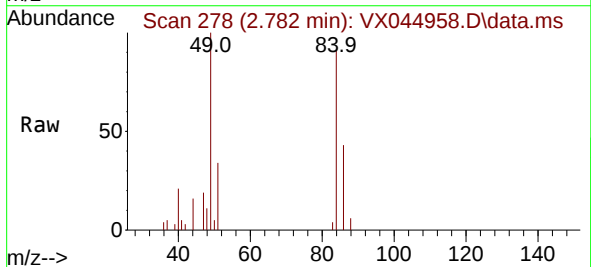
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 73 Resp: 10025
Ion Ratio Lower Upper
73 100
57 24.6 17.9 26.9



#20
Methylene Chloride
Concen: 2.710 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 84 Resp: 3803
Ion Ratio Lower Upper
84 100
49 109.8 100.1 150.1
51 37.0 31.7 47.5
86 47.4 50.8 76.2

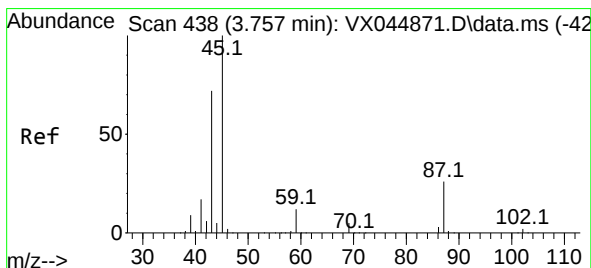
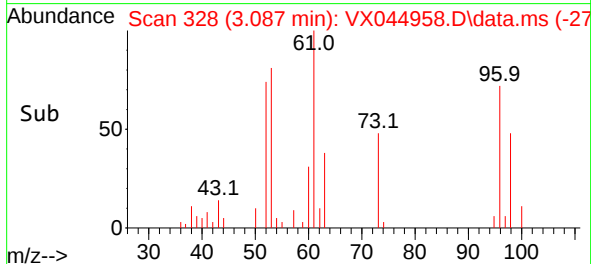
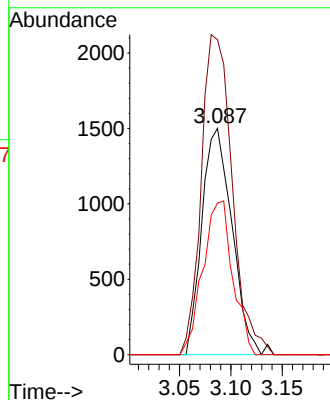
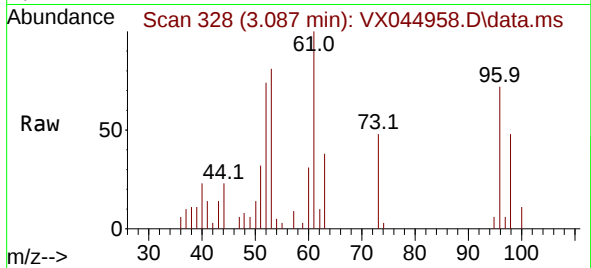




#21
trans-1,2-Dichloroethene
Concen: 2.490 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

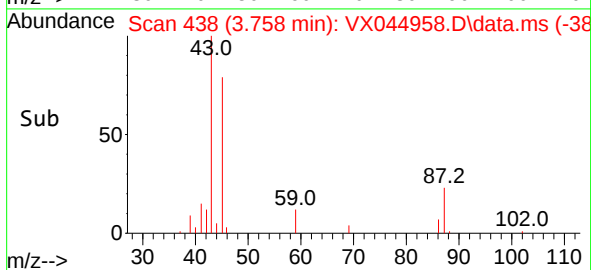
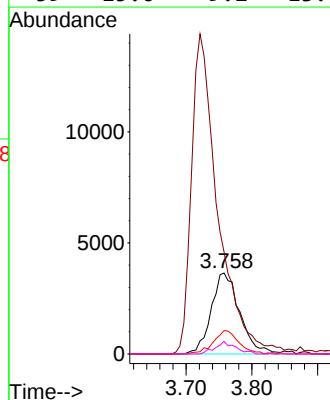
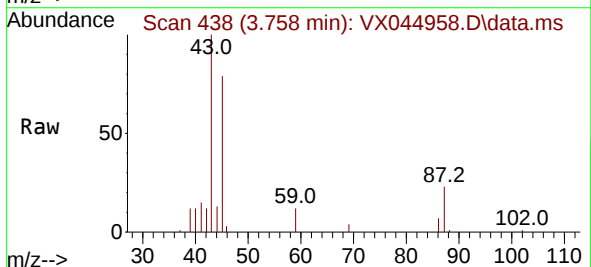
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 96 Resp: 3075
Ion Ratio Lower Upper
96 100
61 139.1 106.0 159.0
98 67.0 50.6 76.0



#22
Diisopropyl ether
Concen: 2.555 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 45 Resp: 10961
Ion Ratio Lower Upper
45 100
43 117.7 58.0 87.0#
87 28.9 20.7 31.1
59 15.6 9.2 13.8#

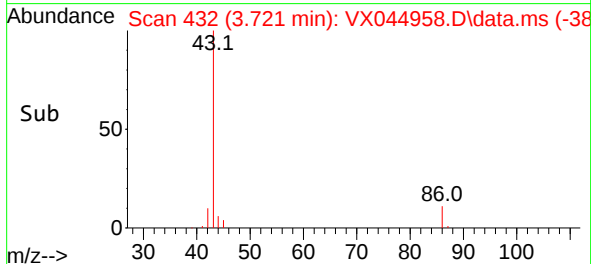
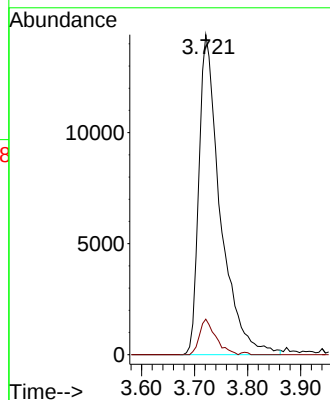
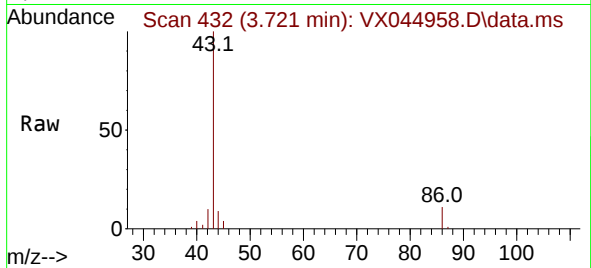




#23
 Vinyl Acetate
 Concen: 11.527 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.007 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

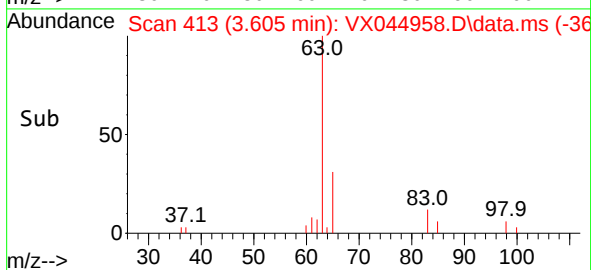
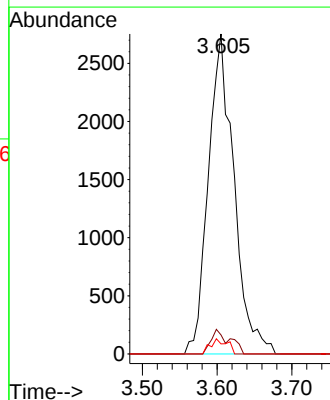
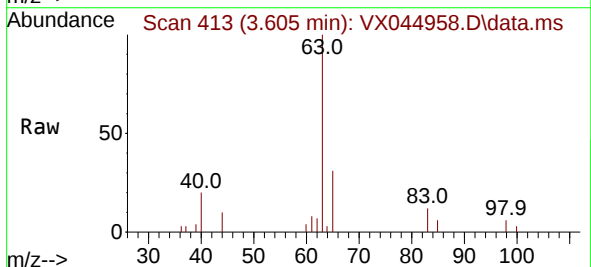
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2025

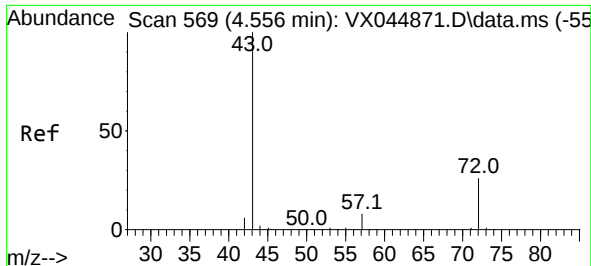
Tgt Ion: 43 Resp: 40313
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 2.730 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

Tgt Ion: 63 Resp: 6553
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.1 2.1 6.5

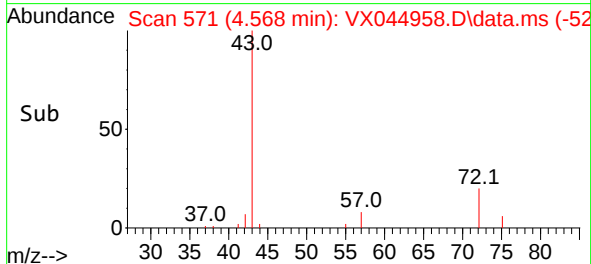
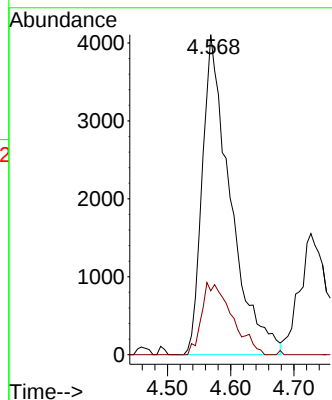
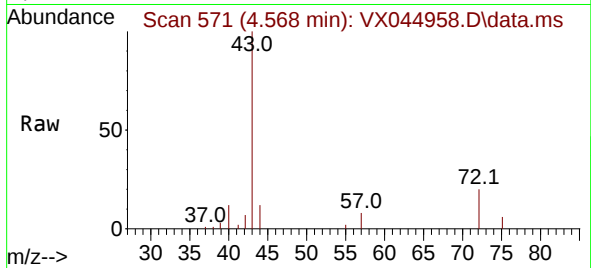




#25
2-Butanone
Concen: 13.637 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

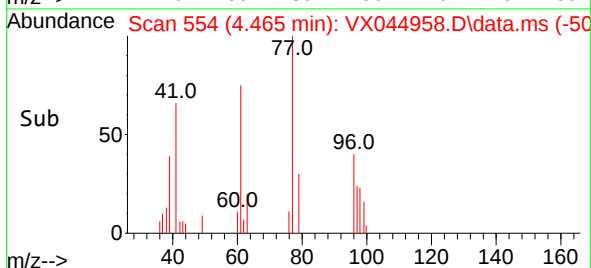
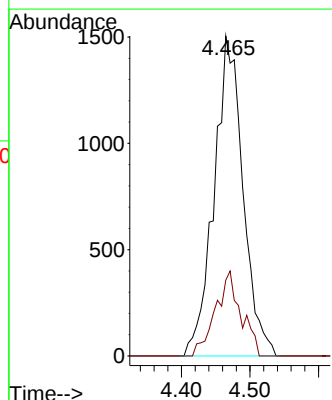
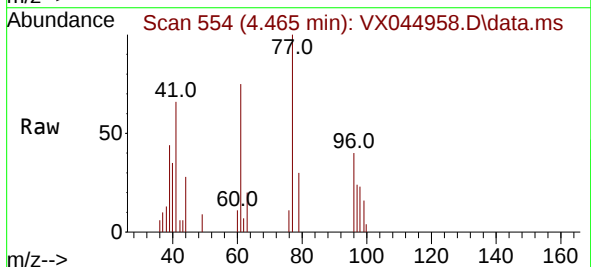
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

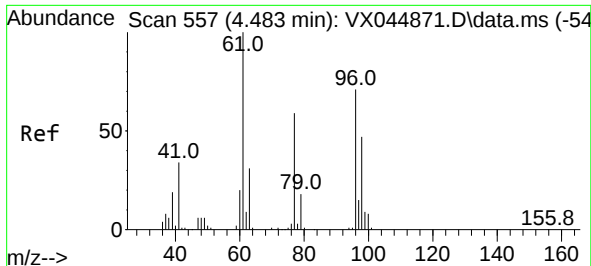
Tgt Ion: 43 Resp: 12685
Ion Ratio Lower Upper
43 100
72 19.9 21.2 31.8#



#26
2,2-Dichloropropane
Concen: 2.317 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 77 Resp: 4410
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 2.508 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

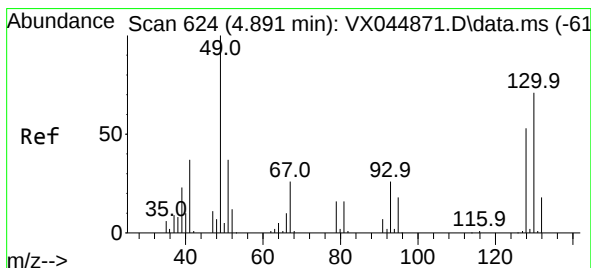
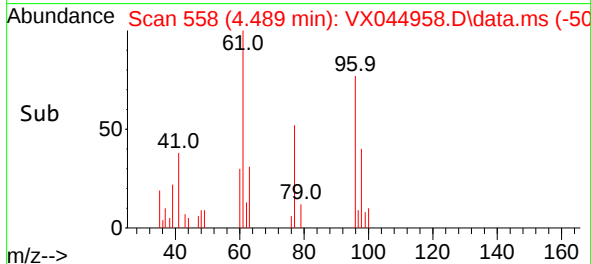
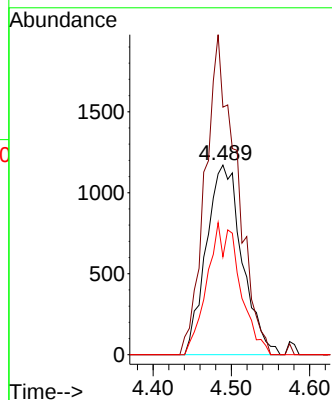
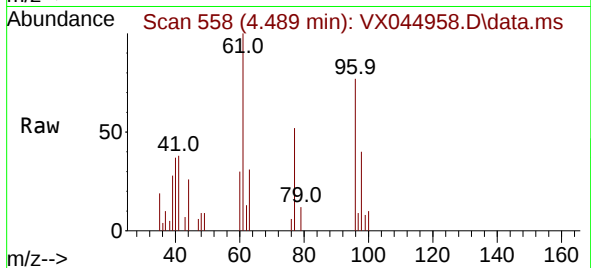
Tgt Ion: 96 Resp: 3720

Ion Ratio Lower Upper

96 100

61 148.0 0.0 294.0

98 32.9 0.0 131.2



#28

Bromochloromethane

Concen: 2.872 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

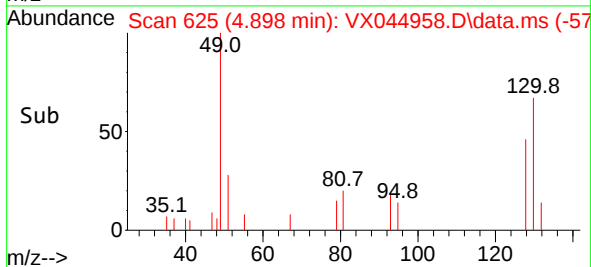
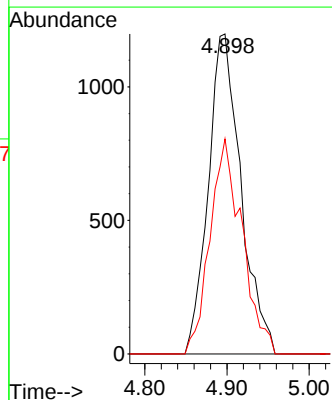
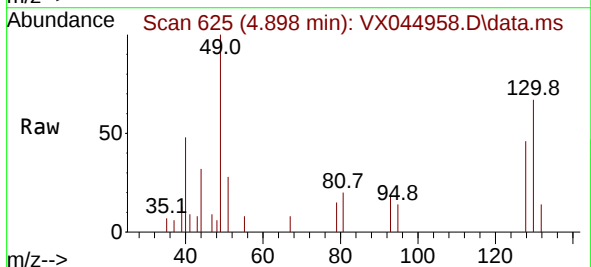
Tgt Ion: 49 Resp: 3313

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 66.0 56.7 85.1





#29

Tetrahydrofuran

Concen: 14.336 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.013 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

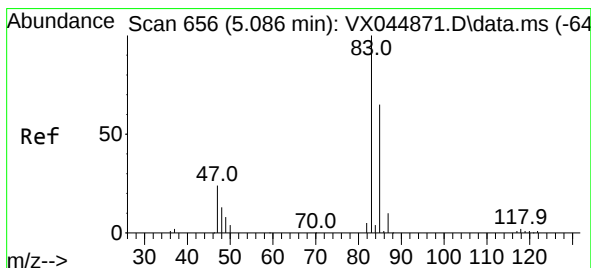
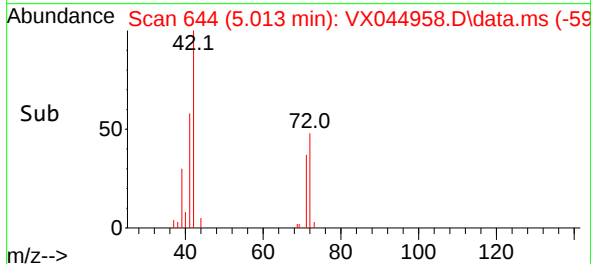
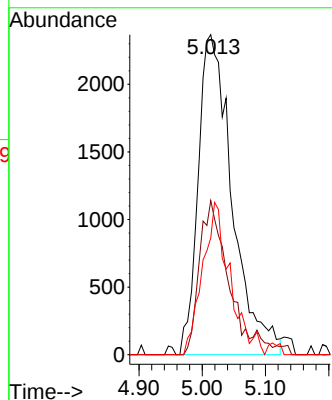
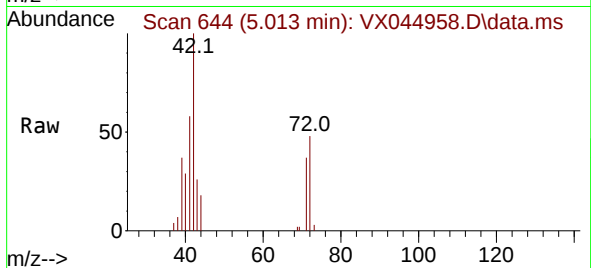
Tgt Ion: 42 Resp: 8855

Ion Ratio Lower Upper

42 100

72 39.3 35.0 52.4

71 38.1 32.6 48.8



#30

Chloroform

Concen: 2.713 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.007 min

Lab File: VX044958.D

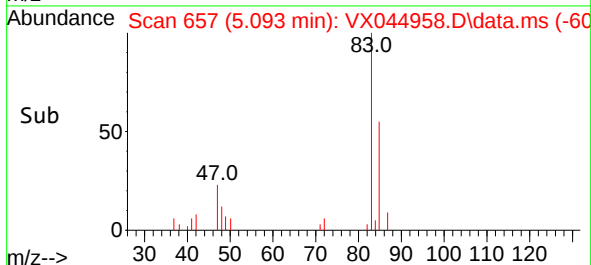
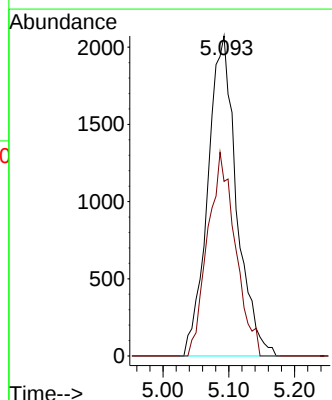
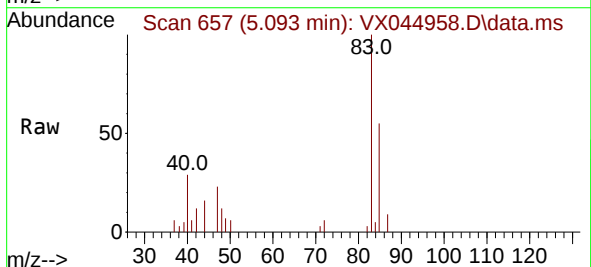
Acq: 14 Feb 2025 13:57

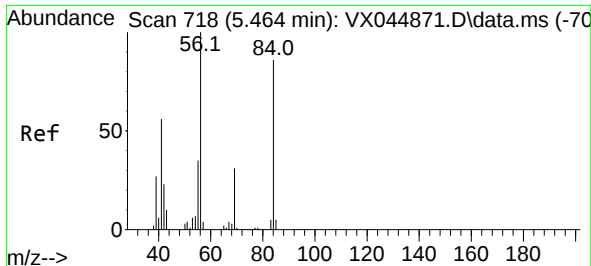
Tgt Ion: 83 Resp: 6315

Ion Ratio Lower Upper

83 100

85 54.6 52.1 78.1

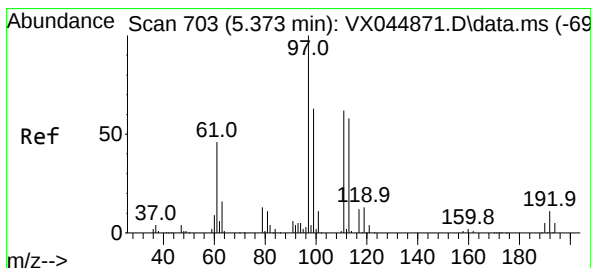
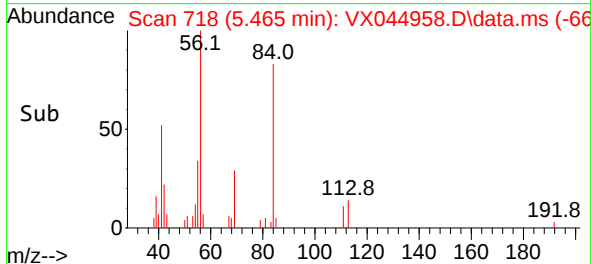
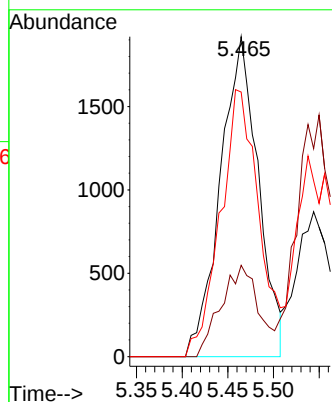
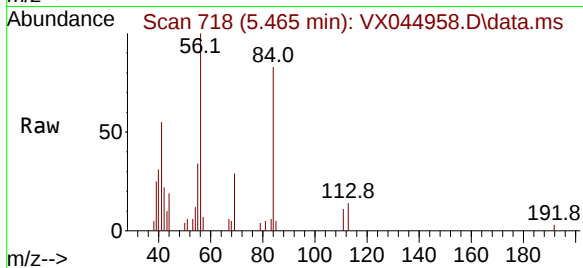




#31
Cyclohexane
Concen: 2.490 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

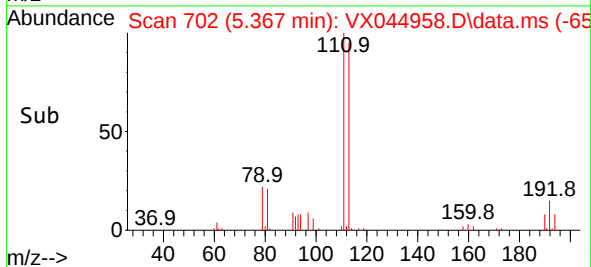
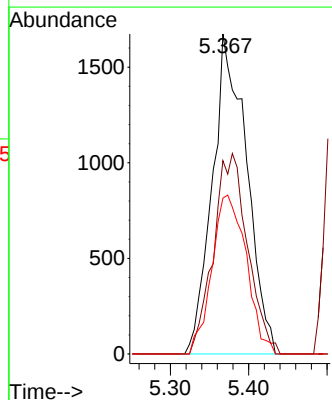
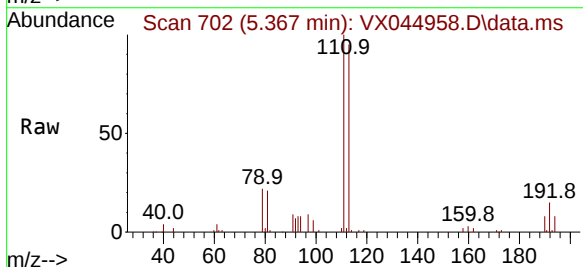
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

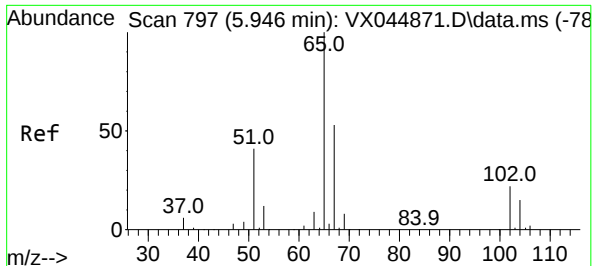
Tgt Ion: 56 Resp: 5510
Ion Ratio Lower Upper
56 100
69 28.6 24.4 36.6
84 82.7 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 2.573 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 97 Resp: 5080
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.6
61 49.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 58.254 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

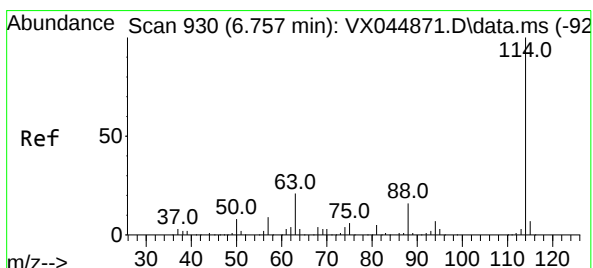
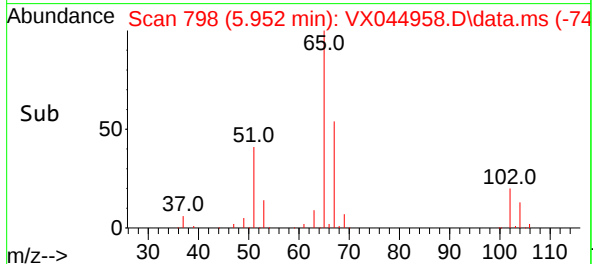
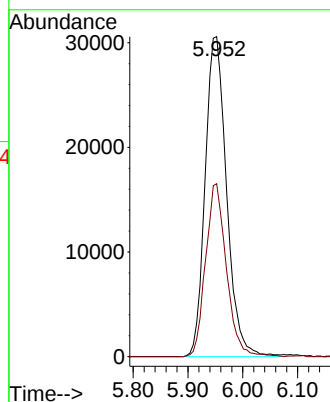
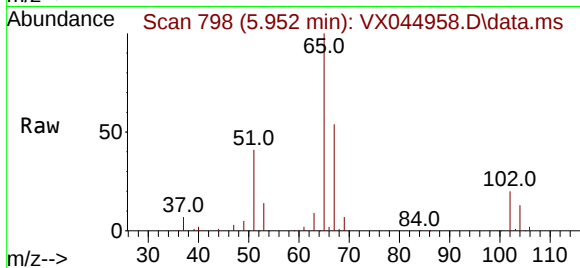
MDL-WATER-03-QT1-2025

Tgt Ion: 65 Resp: 83007

Ion Ratio Lower Upper

65 100

67 52.5 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

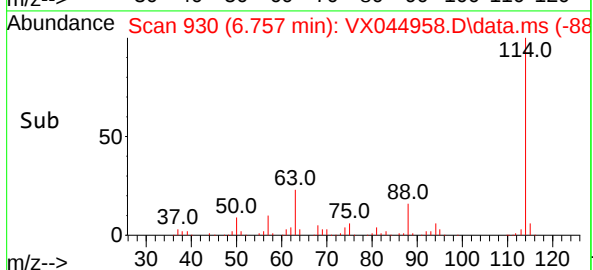
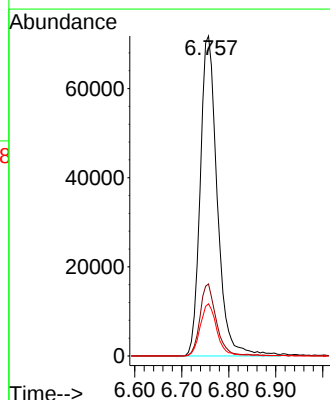
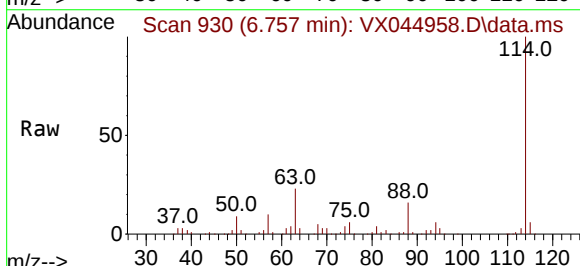
Tgt Ion: 114 Resp: 181161

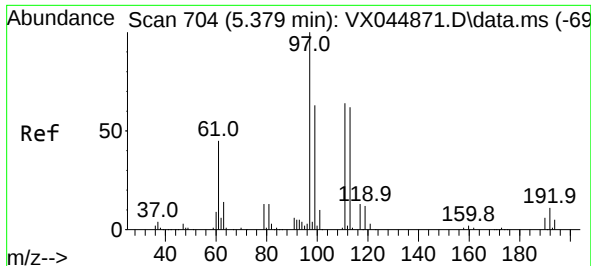
Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.4

88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.143 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044958.D

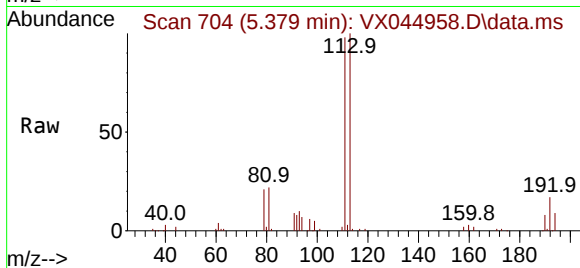
Acq: 14 Feb 2025 13:57

Instrument :

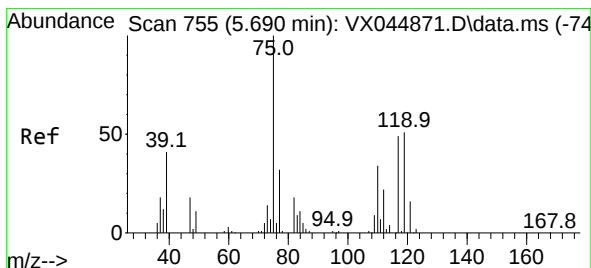
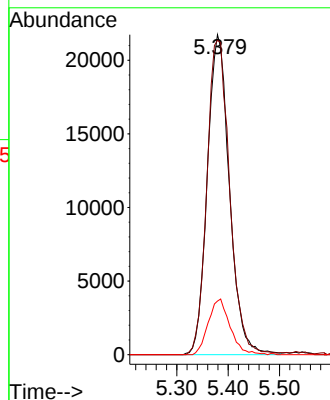
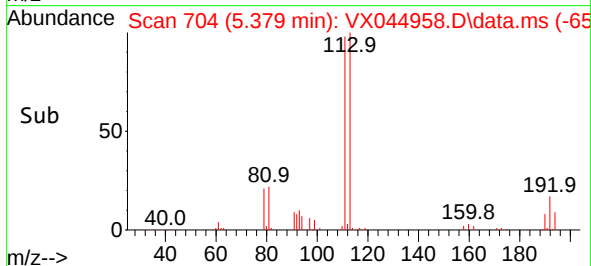
MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025



Tgt Ion:	113	Resp:	64950
Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.5	125.3
192	17.1	14.4	21.6



#36

1,1-Dichloropropene

Concen: 2.546 ug/l

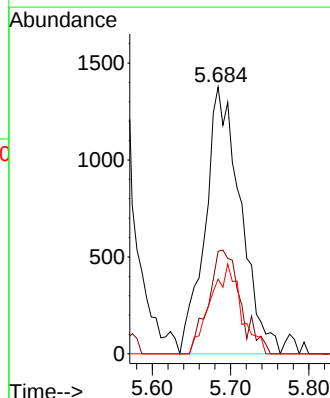
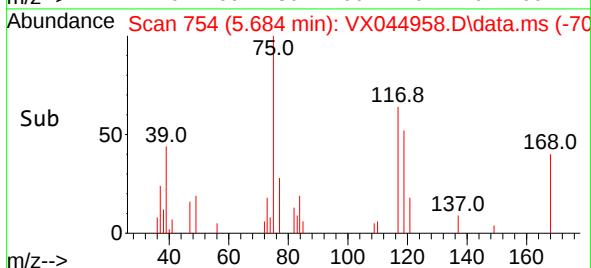
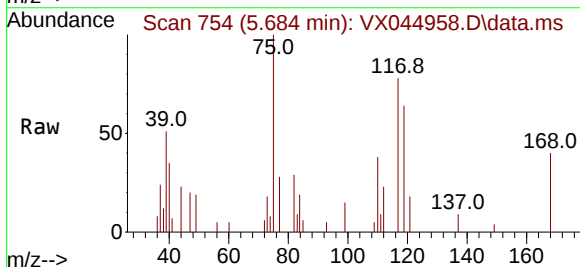
RT: 5.684 min Scan# 754

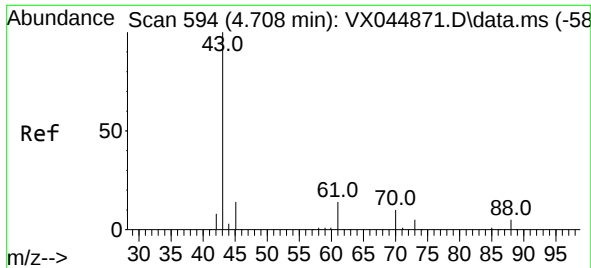
Delta R.T. -0.006 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Tgt Ion:	75	Resp:	4327
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.2	51.6
77	29.3	24.6	37.0





#37

Ethyl Acetate

Concen: 2.349 ug/l

RT: 4.727 min Scan# 594

Delta R.T. 0.019 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

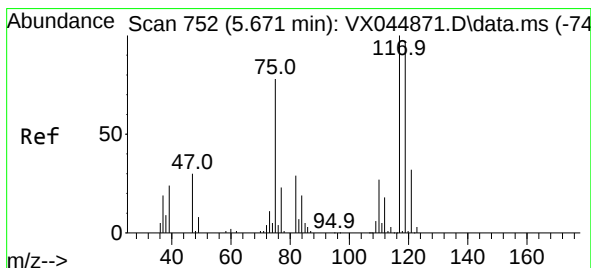
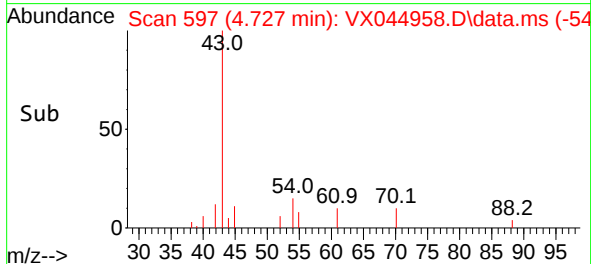
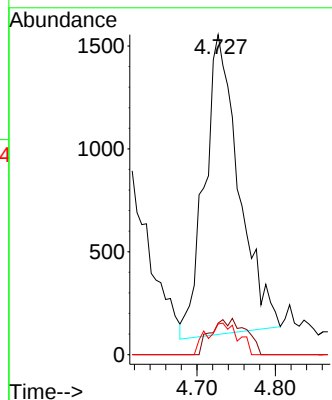
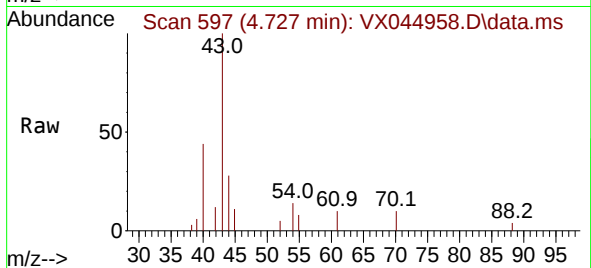
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 43	Resp: 4439
Ion Ratio	Lower Upper
43	100
61	12.2 11.0 16.4
70	9.7 8.2 12.2



#38

Carbon Tetrachloride

Concen: 2.707 ug/l

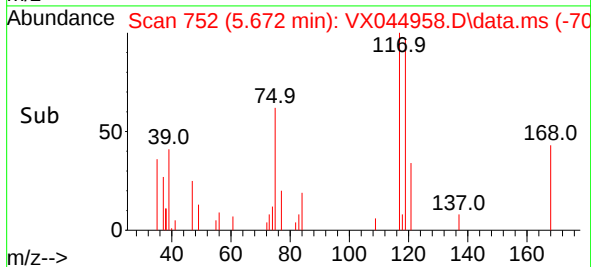
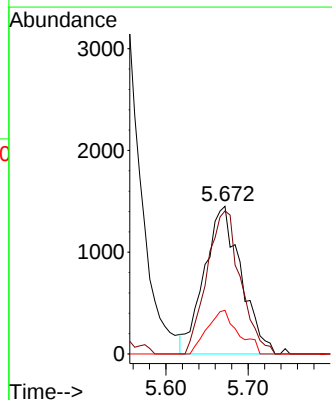
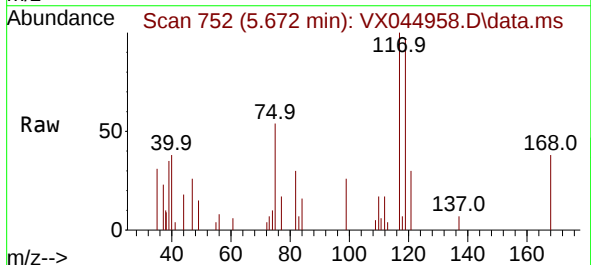
RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Tgt Ion: 117	Resp: 4507
Ion Ratio	Lower Upper
117	100
119	96.9 77.5 116.3
121	29.6 25.6 38.4





#39

Methylcyclohexane

Concen: 2.383 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

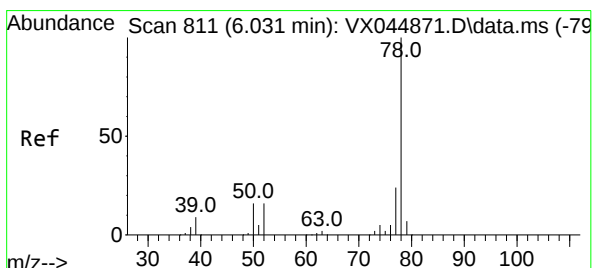
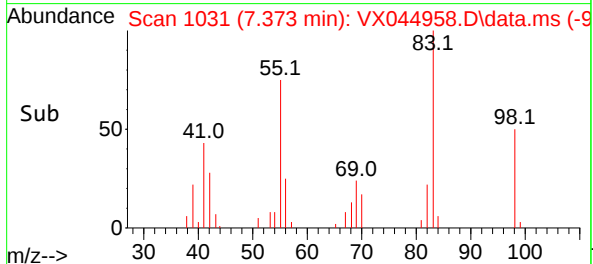
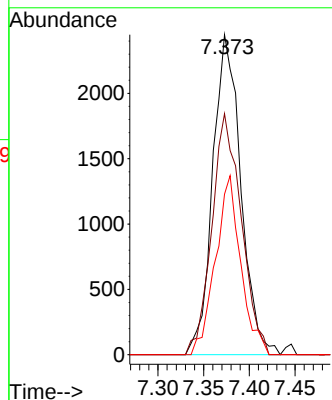
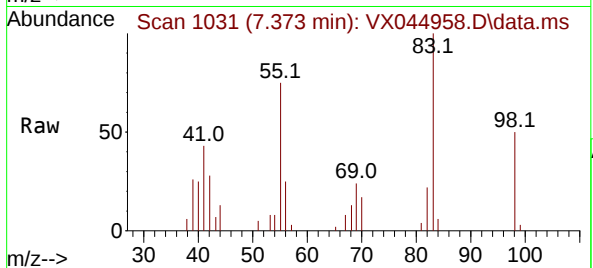
Tgt Ion: 83 Resp: 5236

Ion Ratio Lower Upper

83 100

55 75.3 61.3 91.9

98 50.1 37.0 55.6



#40

Benzene

Concen: 2.603 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.007 min

Lab File: VX044958.D

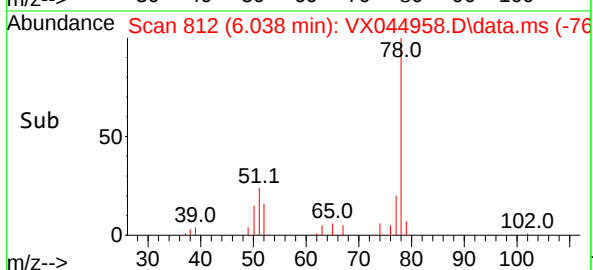
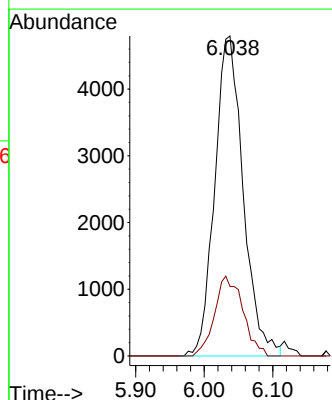
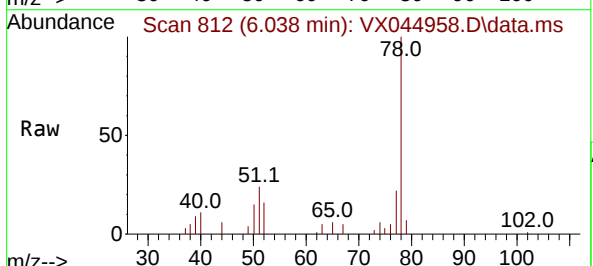
Acq: 14 Feb 2025 13:57

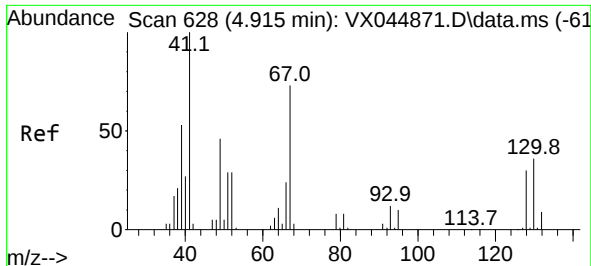
Tgt Ion: 78 Resp: 13811

Ion Ratio Lower Upper

78 100

77 21.7 19.0 28.6

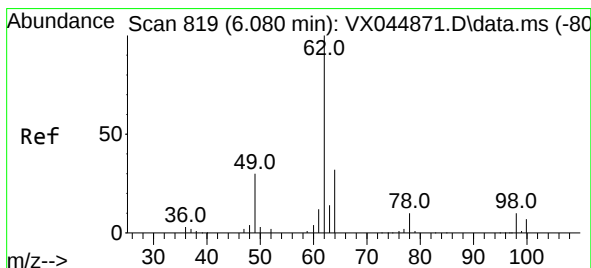
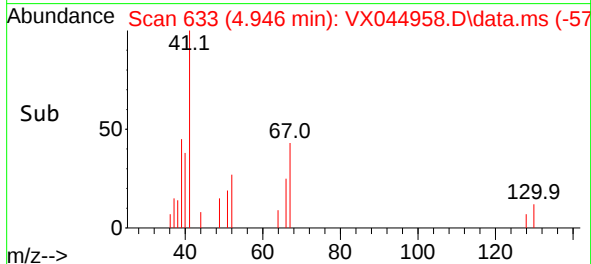
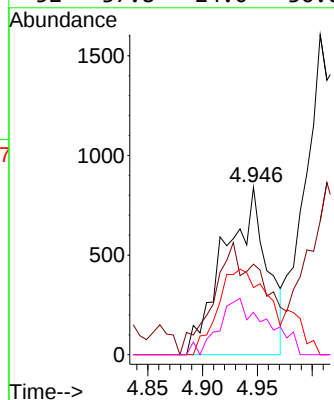
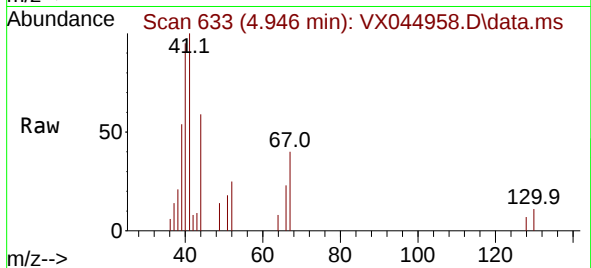




#41
Methacrylonitrile
Concen: 2.258 ug/l
RT: 4.946 min Scan# 611
Delta R.T. 0.031 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

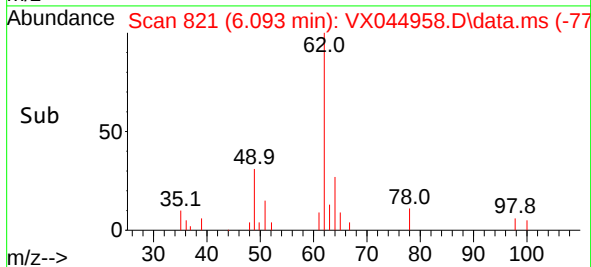
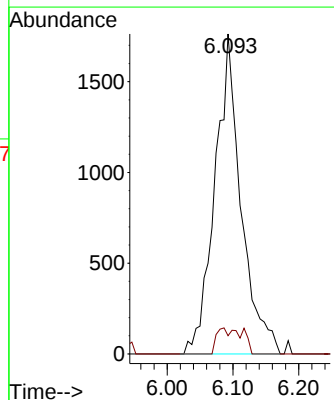
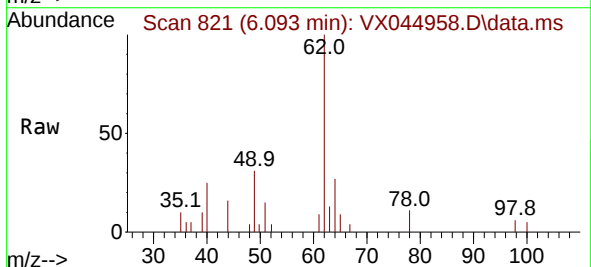
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:	41	Resp:	2284
Ion	Ratio	Lower	Upper
41	100		
39	80.5	43.1	64.7#
67	59.0	57.0	85.6
52	37.8	24.0	36.0#



#42
1,2-Dichloroethane
Concen: 2.885 ug/l
RT: 6.093 min Scan# 821
Delta R.T. 0.013 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:	62	Resp:	4879
Ion	Ratio	Lower	Upper
62	100		
98	3.7	0.0	19.4

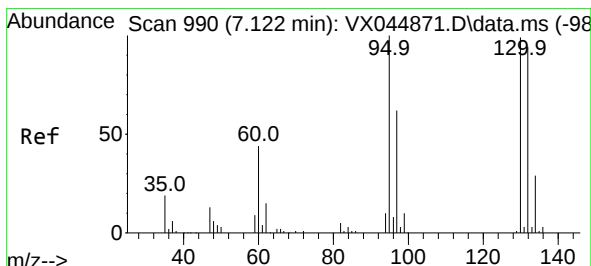
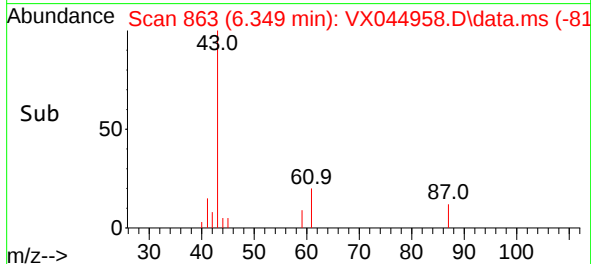
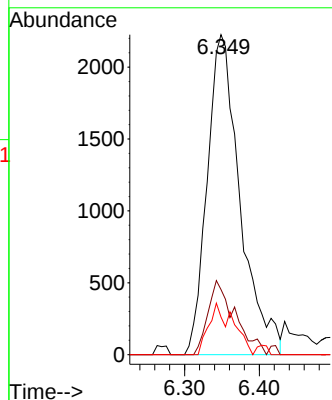
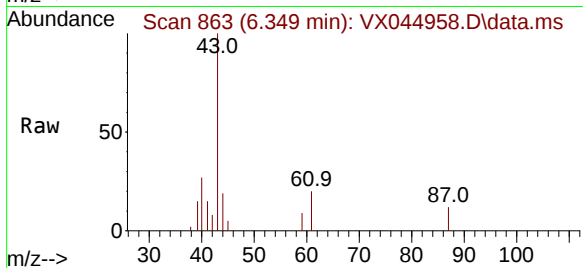




#43
Isopropyl Acetate
Concen: 2.230 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.013 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

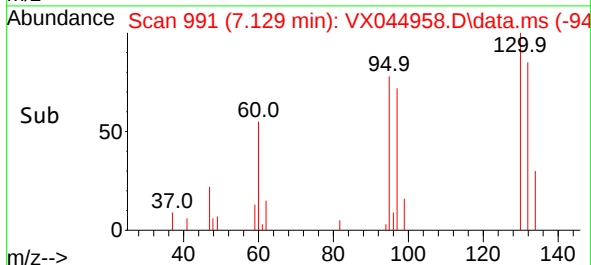
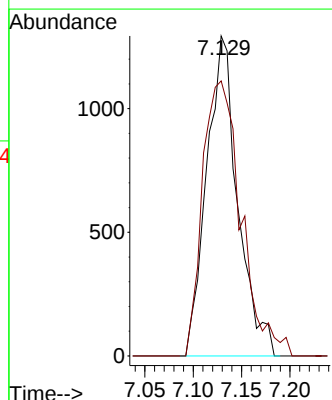
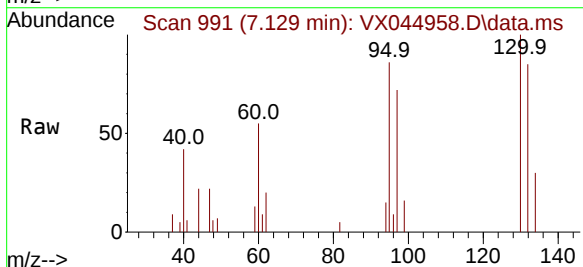
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 43 Resp: 6808
Ion Ratio Lower Upper
43 100
61 19.2 15.8 23.8
87 7.3 10.0 15.0#



#44
Trichloroethene
Concen: 2.386 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:130 Resp: 2894
Ion Ratio Lower Upper
130 100
95 85.9 0.0 202.4





#45

1,2-Dichloropropane

Concen: 2.660 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

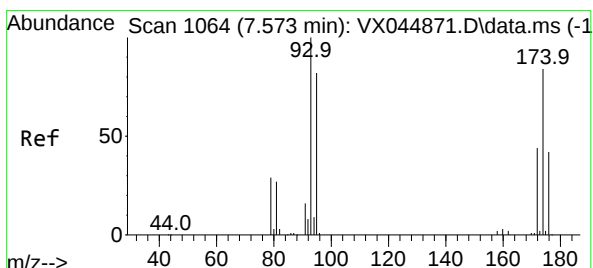
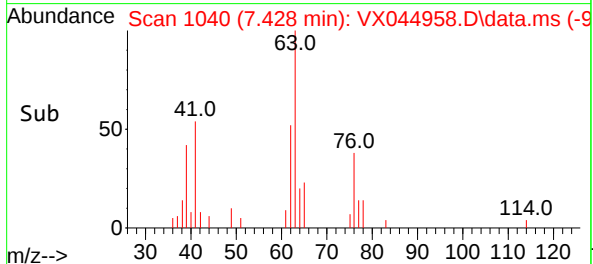
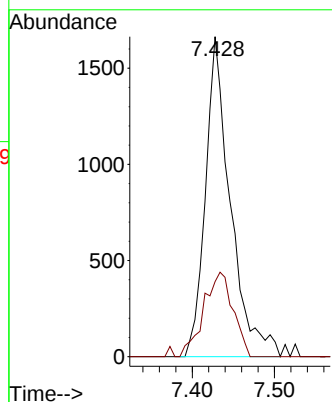
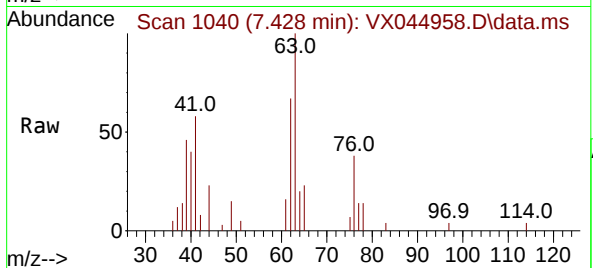
MDL-WATER-03-QT1-2025

Tgt Ion: 63 Resp: 3512

Ion Ratio Lower Upper

63 100

65 23.4 24.2 36.4#



#46

Dibromomethane

Concen: 2.852 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.013 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

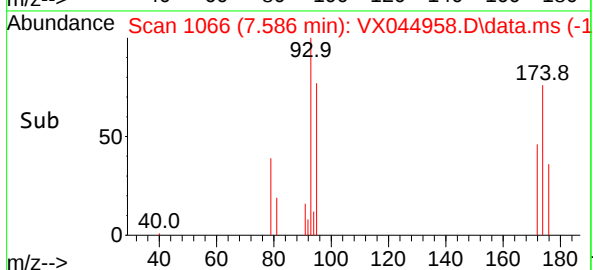
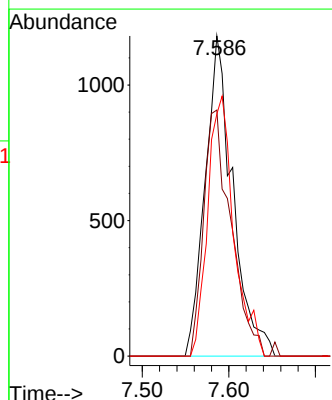
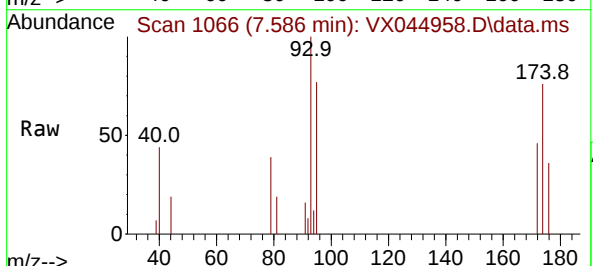
Tgt Ion: 93 Resp: 2611

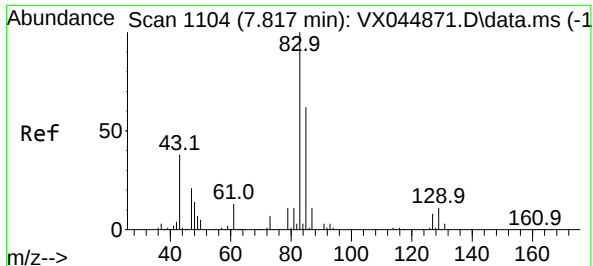
Ion Ratio Lower Upper

93 100

95 76.1 66.2 99.4

174 77.0 69.9 104.9





#47

Bromodichloromethane

Concen: 2.449 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

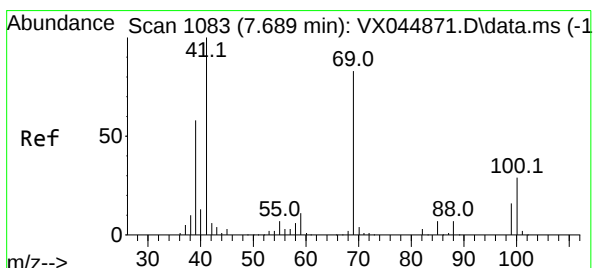
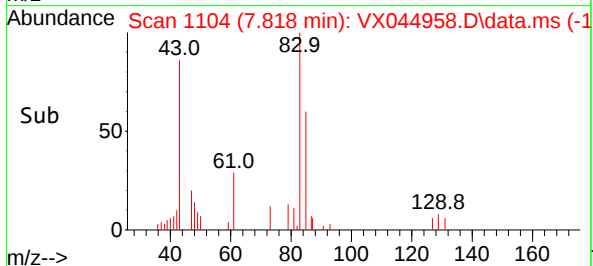
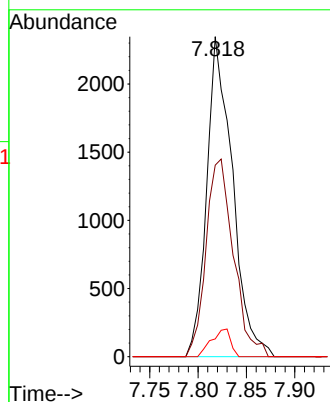
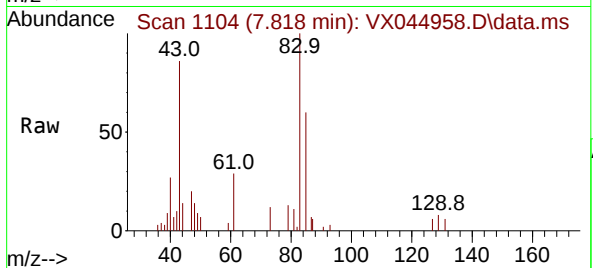
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 83	Resp: 4342
Ion Ratio	Lower Upper
83	100
85	59.9 50.0 75.0
127	5.6 6.4 9.6#



#48

Methyl methacrylate

Concen: 2.523 ug/l

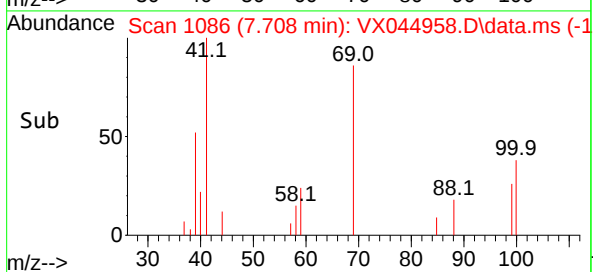
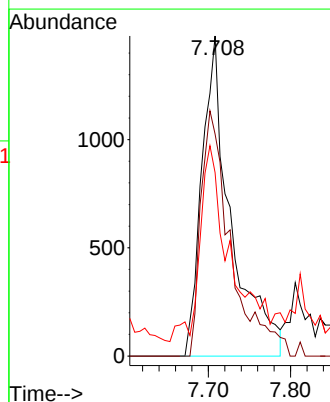
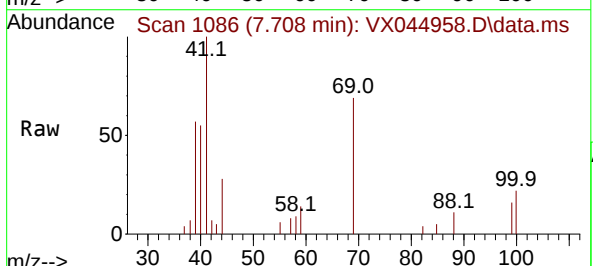
RT: 7.708 min Scan# 1086

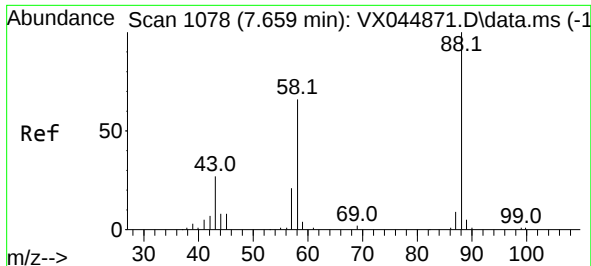
Delta R.T. 0.019 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Tgt Ion: 41	Resp: 3631
Ion Ratio	Lower Upper
41	100
69	78.9 65.8 98.8
39	64.5 46.4 69.6

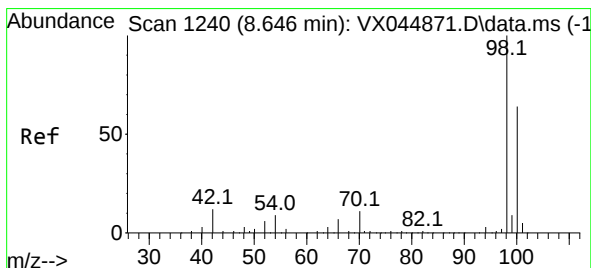
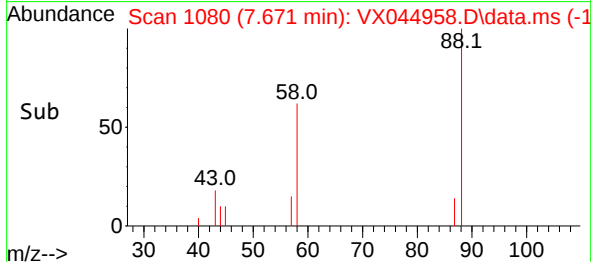
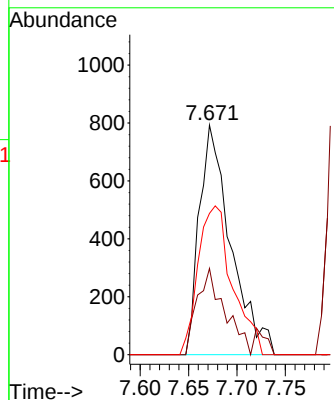
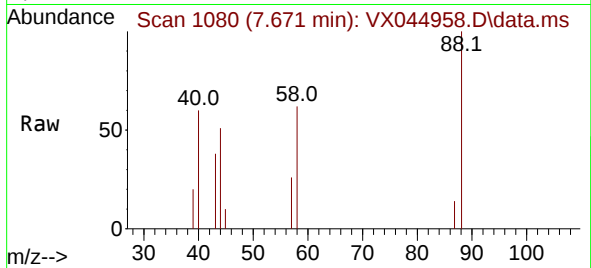




#49
1,4-Dioxane
Concen: 58.165 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.013 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

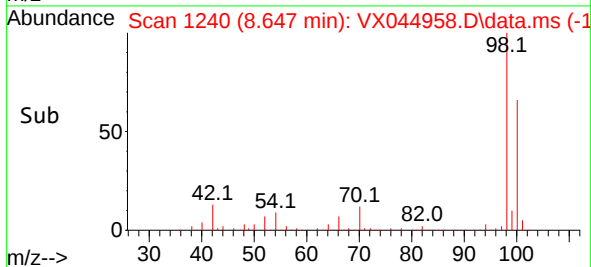
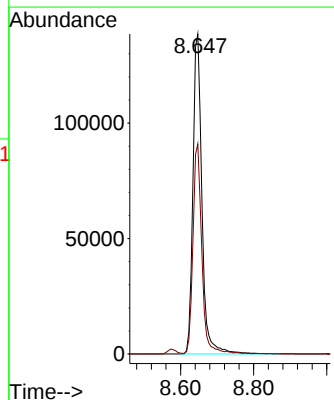
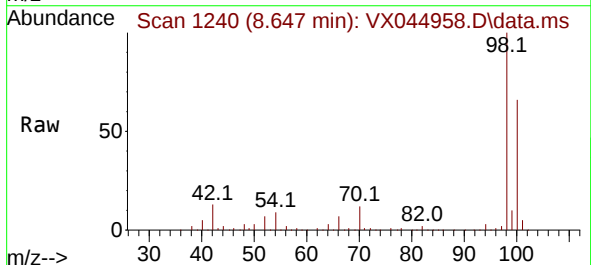
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

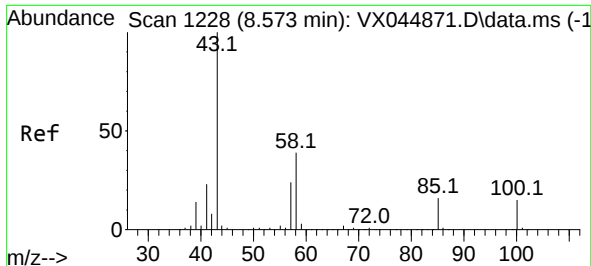
Tgt Ion: 88 Resp: 1796
Ion Ratio Lower Upper
88 100
43 33.1 26.6 39.8
58 70.5 55.9 83.9



#50
Toluene-d8
Concen: 53.251 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 98 Resp: 237174
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1

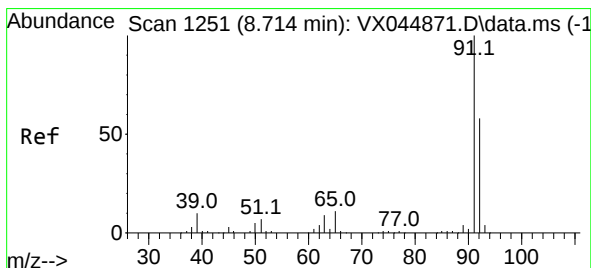
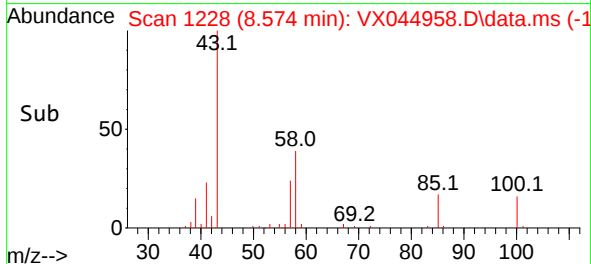
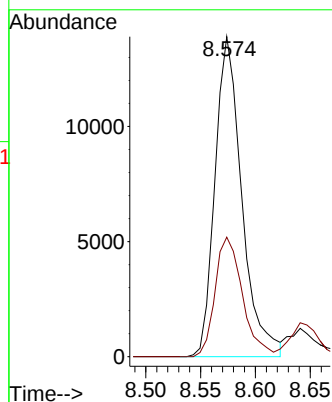
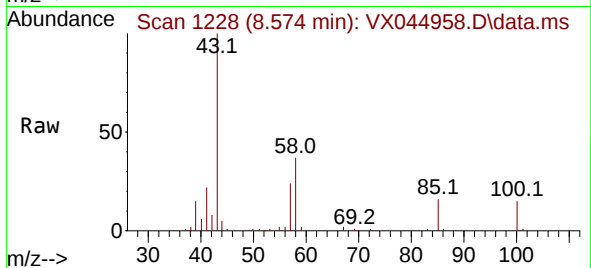




#51
4-Methyl-2-Pentanone
Concen: 12.746 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

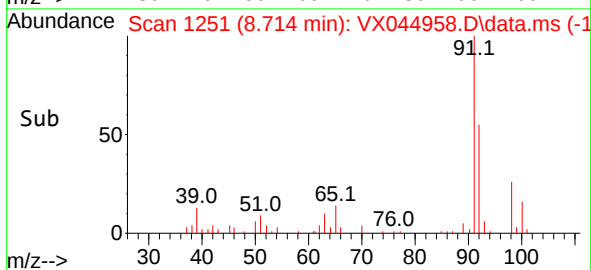
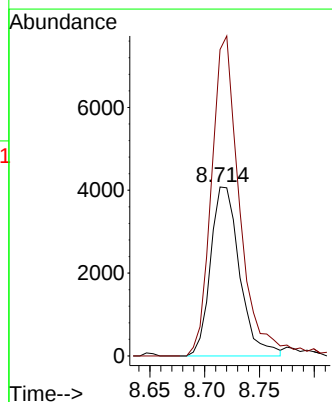
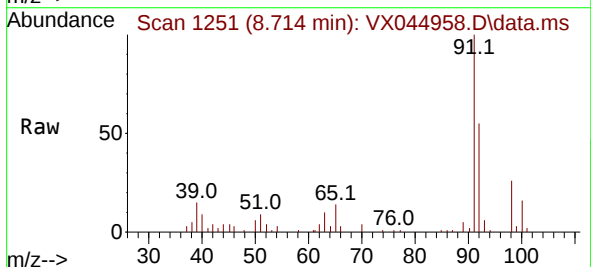
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

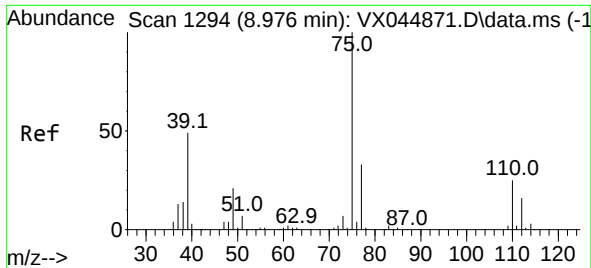
Tgt Ion: 43 Resp: 23652
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2



#52
Toluene
Concen: 2.384 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 92 Resp: 7534
Ion Ratio Lower Upper
92 100
91 184.7 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 1.949 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

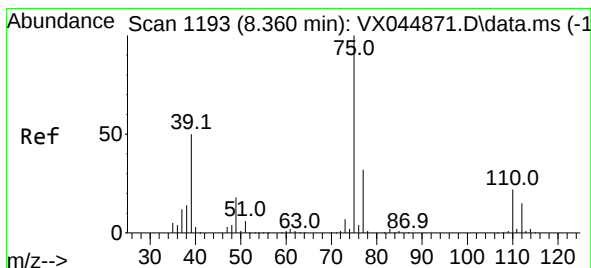
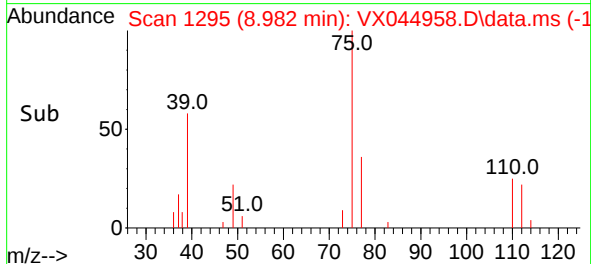
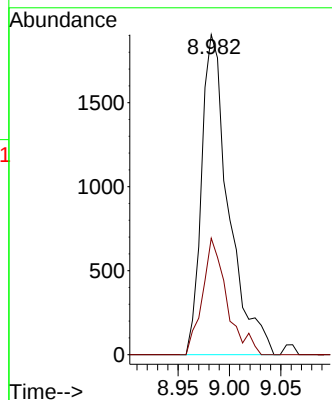
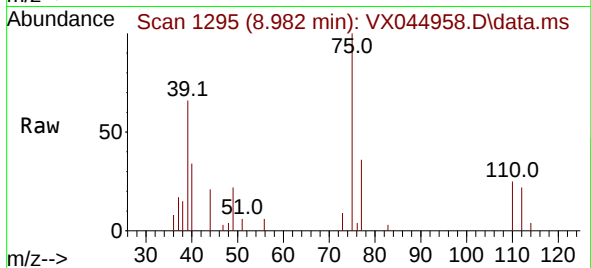
MDL-WATER-03-QT1-2025

Tgt Ion: 75 Resp: 3496

Ion Ratio Lower Upper

75 100

77 36.4 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 2.229 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.013 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

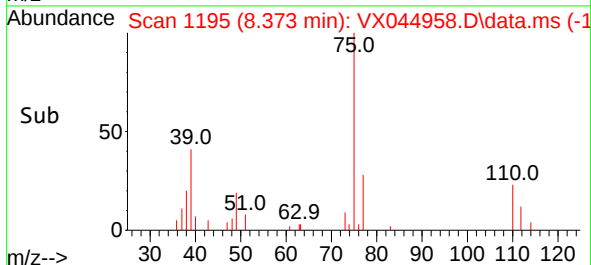
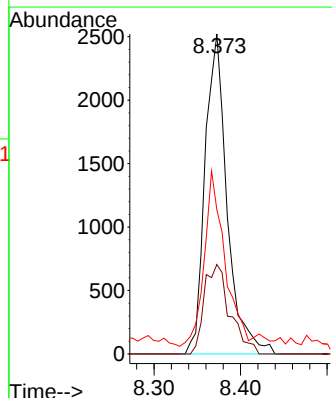
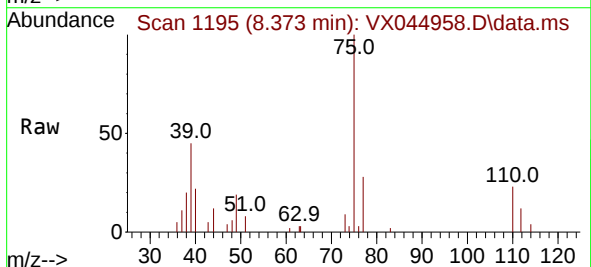
Tgt Ion: 75 Resp: 4458

Ion Ratio Lower Upper

75 100

77 28.0 25.3 37.9

39 42.7 40.0 60.0





#55

1,1,2-Trichloroethane

Concen: 2.494 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 97 Resp: 3030

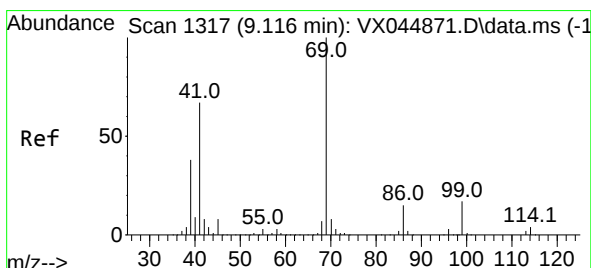
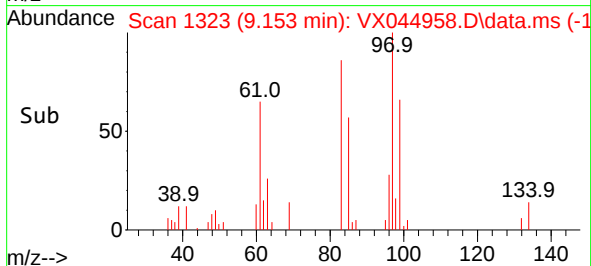
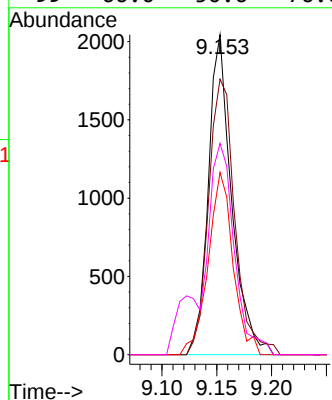
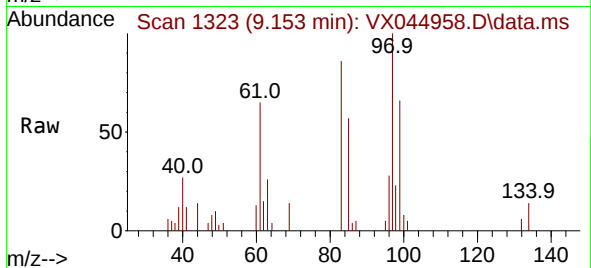
Ion Ratio Lower Upper

97 100

83 86.1 69.8 104.6

85 56.9 44.8 67.2

99 66.0 50.6 76.0



#56

Ethyl methacrylate

Concen: 2.298 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

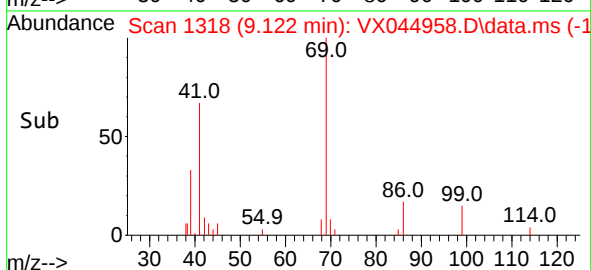
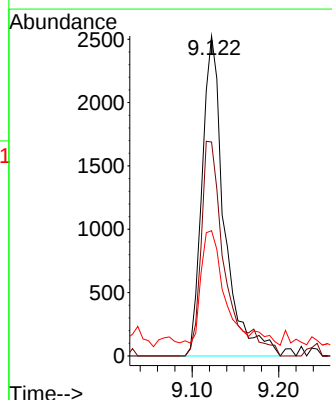
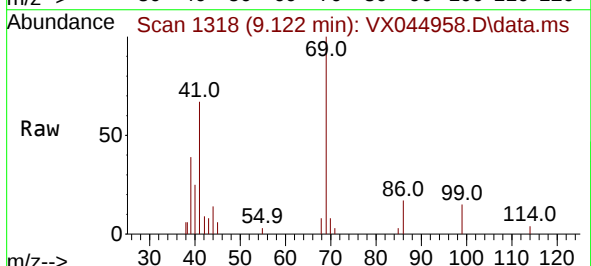
Tgt Ion: 69 Resp: 4509

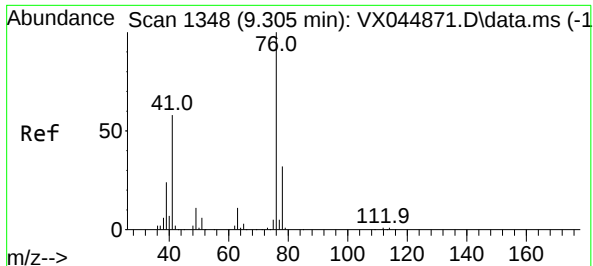
Ion Ratio Lower Upper

69 100

41 71.5 55.2 82.8

39 34.9 30.8 46.2





#57

1,3-Dichloropropane

Concen: 2.508 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

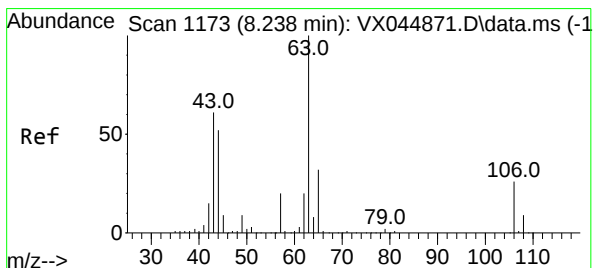
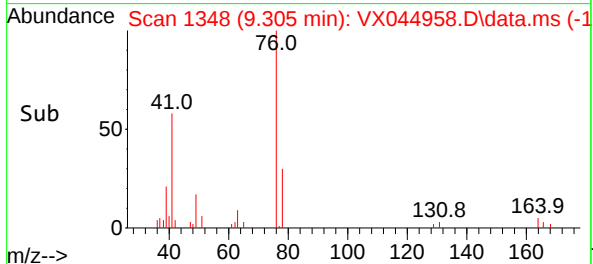
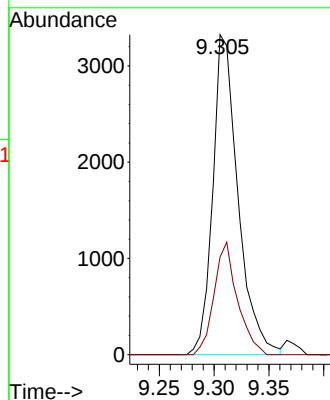
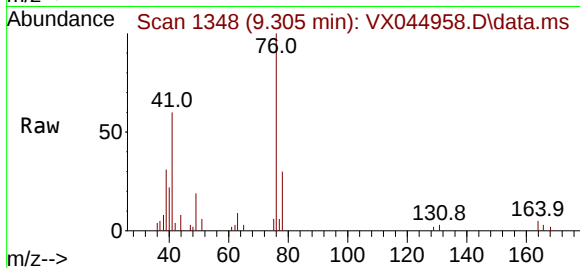
MDL-WATER-03-QT1-2025

Tgt Ion: 76 Resp: 5330

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 11.787 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.007 min

Lab File: VX044958.D

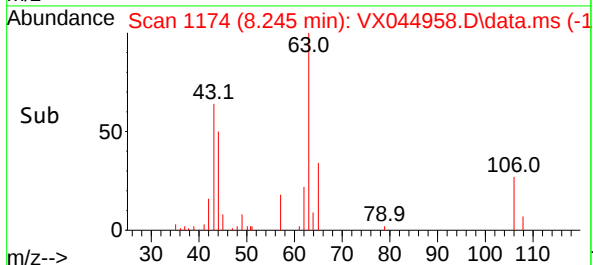
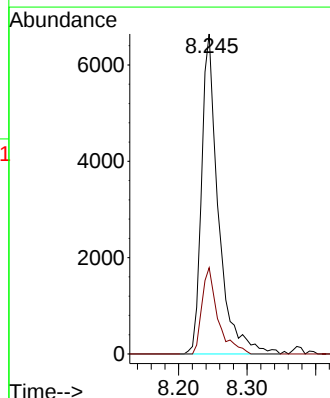
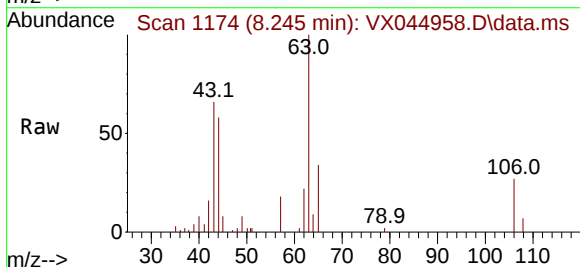
Acq: 14 Feb 2025 13:57

Tgt Ion: 63 Resp: 11355

Ion Ratio Lower Upper

63 100

106 25.6 21.3 31.9





#59

2-Hexanone

Concen: 12.787 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

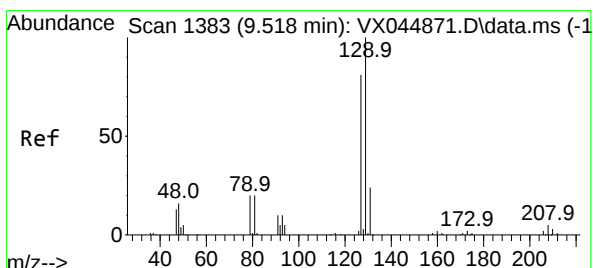
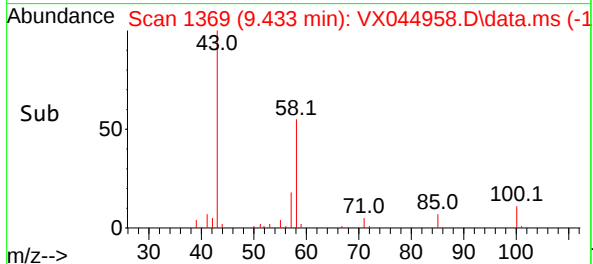
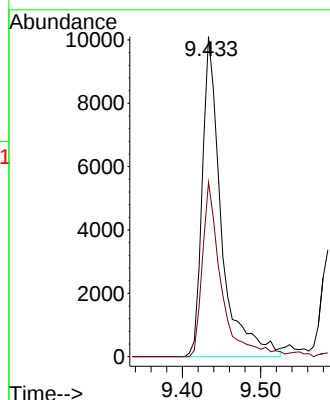
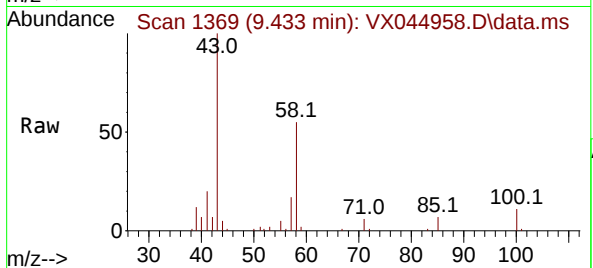
MDL-WATER-03-QT1-2025

Tgt Ion: 43 Resp: 17096

Ion Ratio Lower Upper

43 100

58 53.7 27.5 82.4



#60

Dibromochloromethane

Concen: 2.526 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044958.D

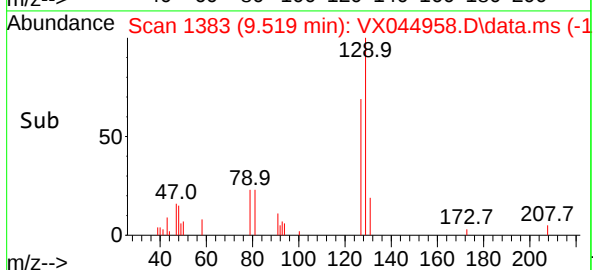
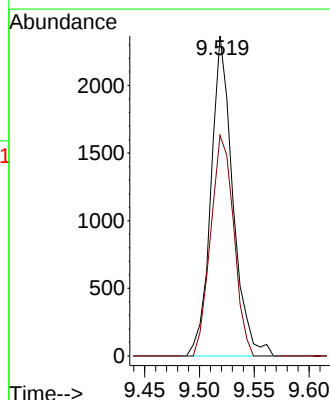
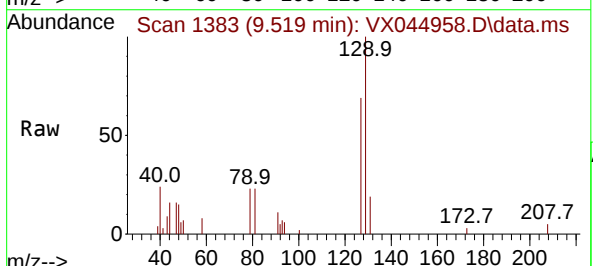
Acq: 14 Feb 2025 13:57

Tgt Ion: 129 Resp: 3282

Ion Ratio Lower Upper

129 100

127 72.5 39.1 117.3

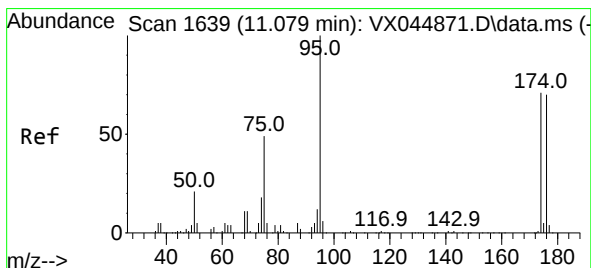
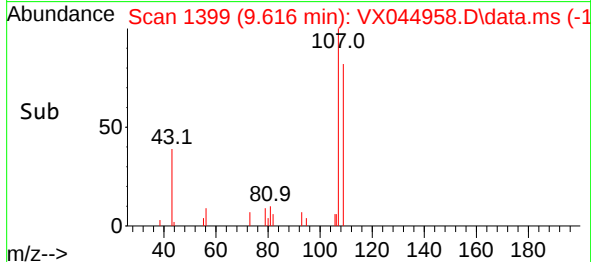
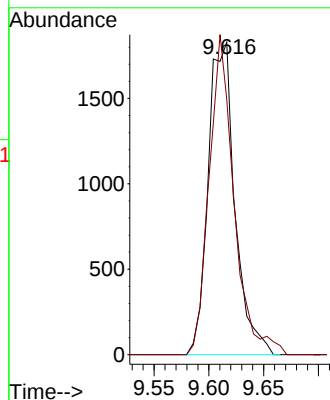
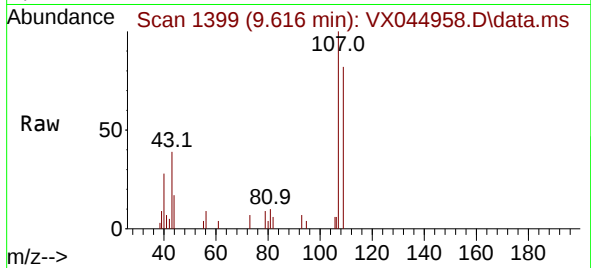




#61
1,2-Dibromoethane
Concen: 2.515 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.013 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

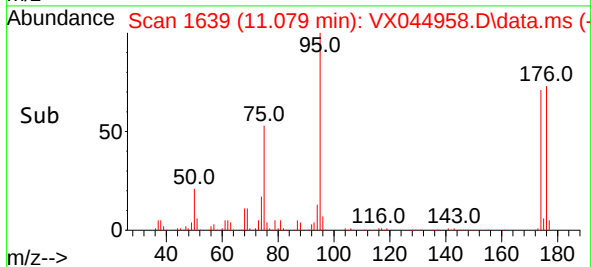
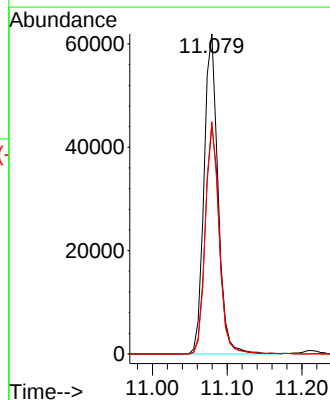
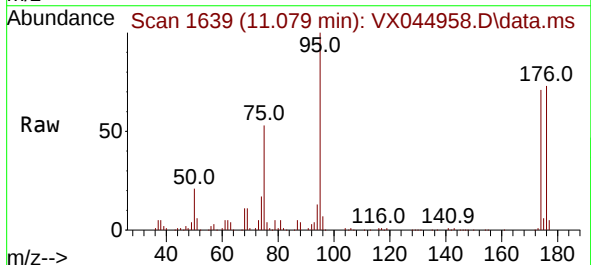
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

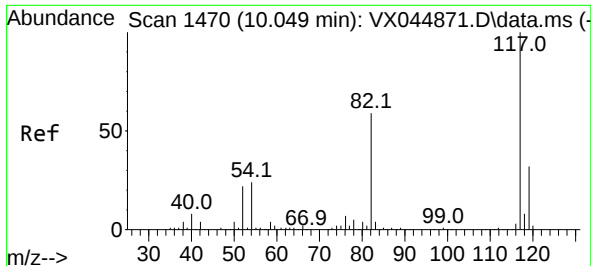
Tgt Ion:107 Resp: 3097
Ion Ratio Lower Upper
107 100
109 95.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 53.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 95 Resp: 80639
Ion Ratio Lower Upper
95 100
174 71.5 0.0 142.6
176 70.9 0.0 141.6

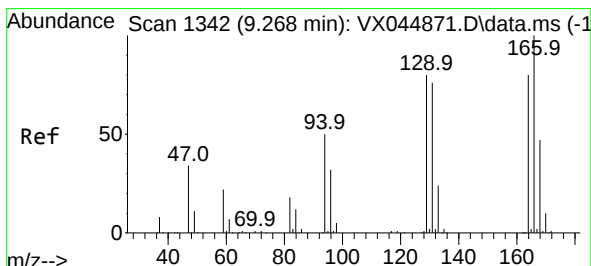
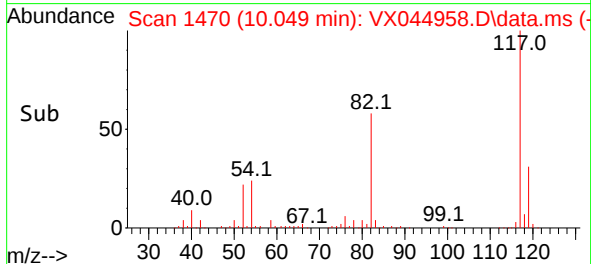
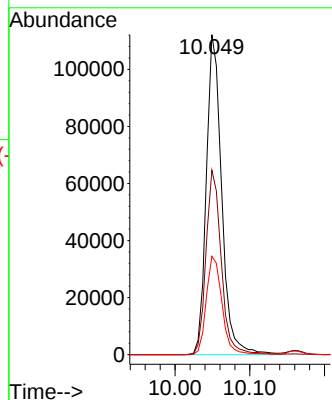
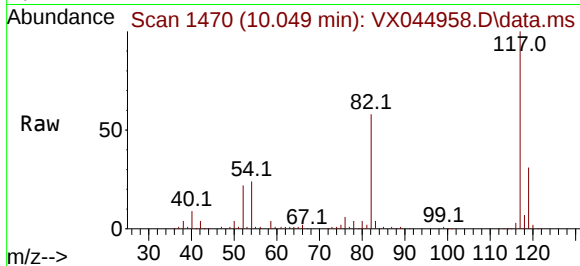




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

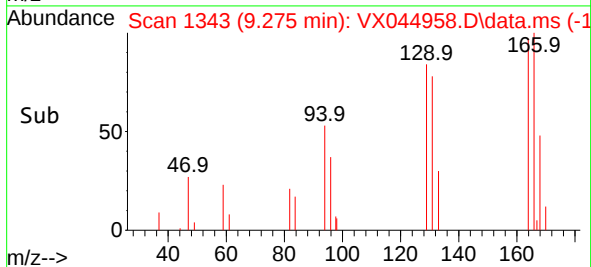
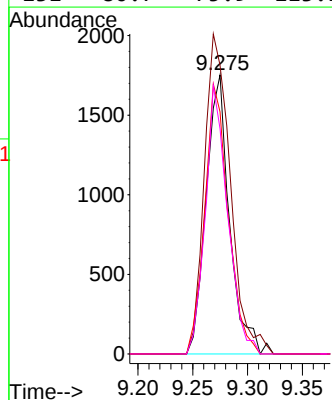
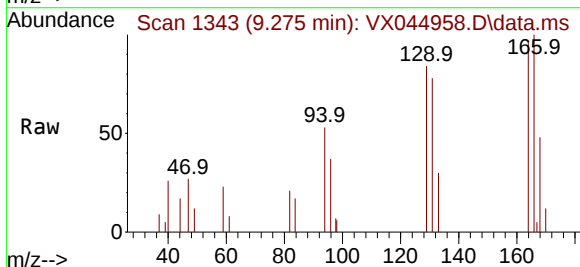
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

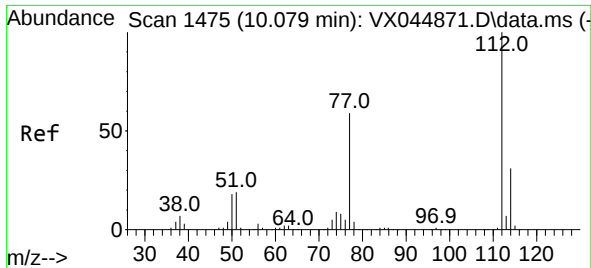
Tgt Ion:117 Resp: 160376
Ion Ratio Lower Upper
117 100
82 57.7 47.5 71.3
119 30.8 25.4 38.0



#64
Tetrachloroethene
Concen: 2.573 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:164 Resp: 2602
Ion Ratio Lower Upper
164 100
166 103.4 100.4 150.6
129 86.8 79.9 119.9
131 80.7 75.9 113.9

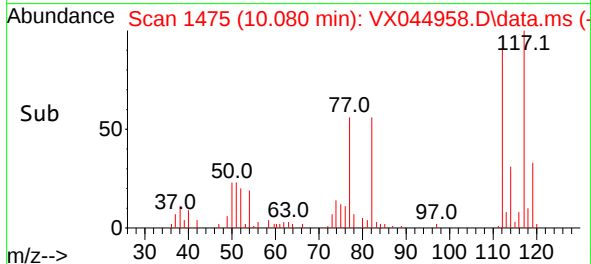
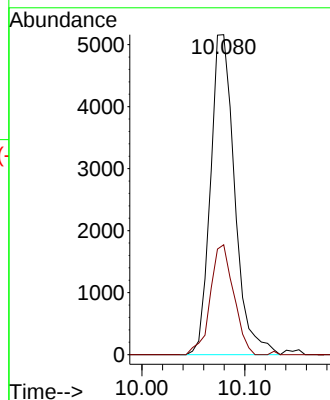
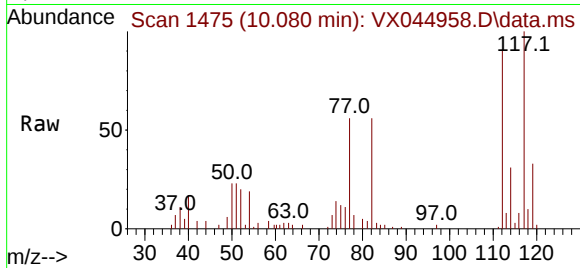




#65
Chlorobenzene
Concen: 2.449 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

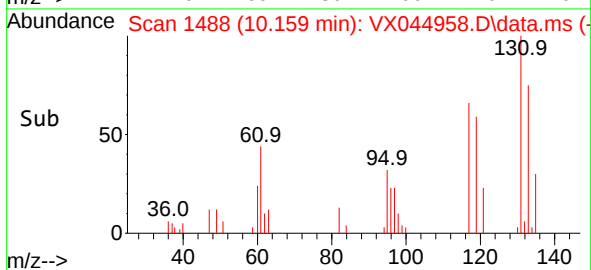
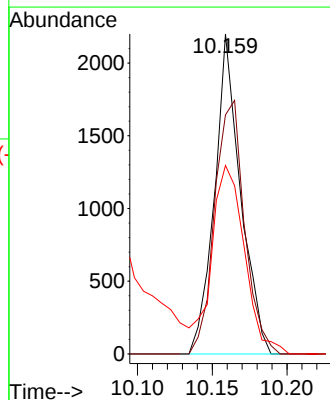
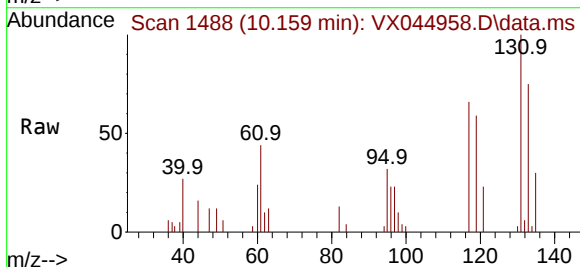
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

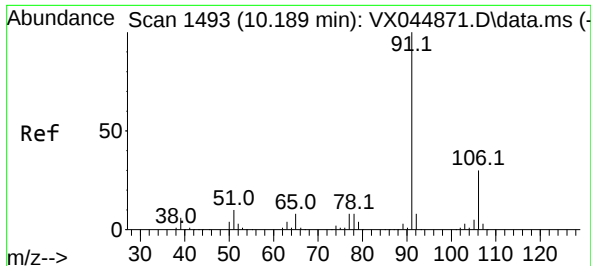
Tgt Ion:112 Resp: 8435
Ion Ratio Lower Upper
112 100
114 34.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.398 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:131 Resp: 2659
Ion Ratio Lower Upper
131 100
133 91.0 47.1 141.3
119 74.5 33.6 100.6





#67

Ethyl Benzene

Concen: 2.360 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

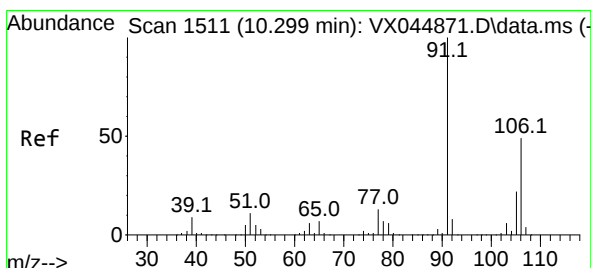
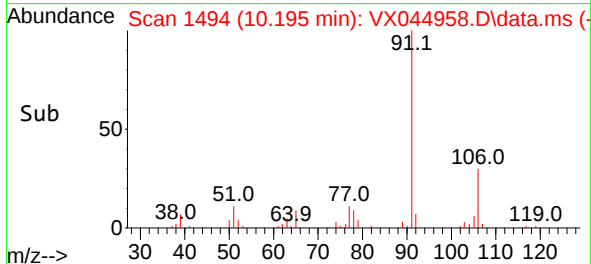
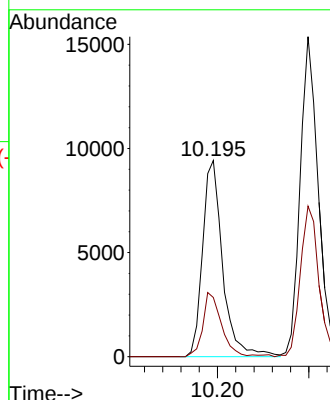
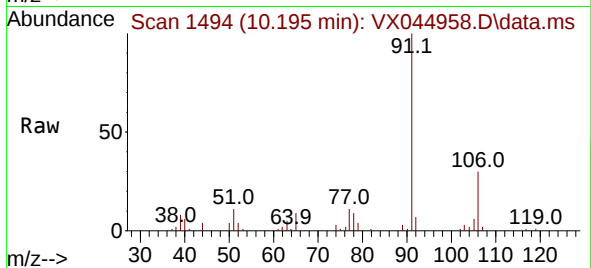
MDL-WATER-03-QT1-2025

Tgt Ion: 91 Resp: 14346

Ion Ratio Lower Upper

91 100

106 30.2 23.9 35.9



#68

m/p-Xylenes

Concen: 4.708 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044958.D

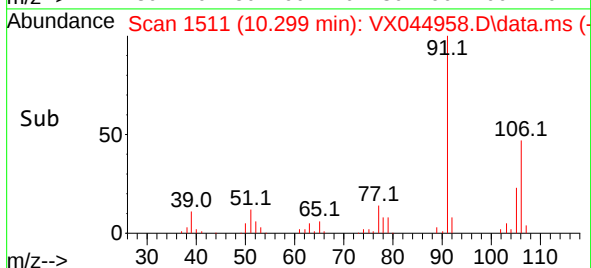
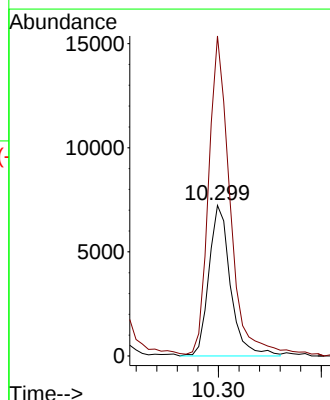
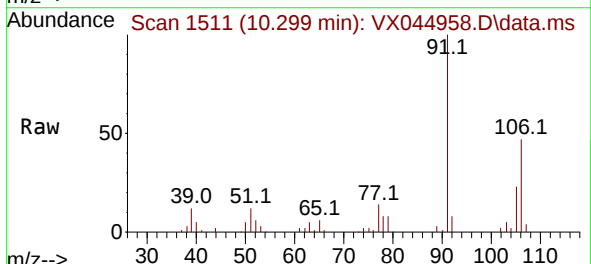
Acq: 14 Feb 2025 13:57

Tgt Ion:106 Resp: 10557

Ion Ratio Lower Upper

106 100

91 212.9 164.3 246.5

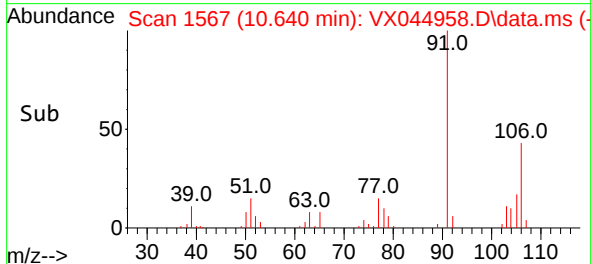
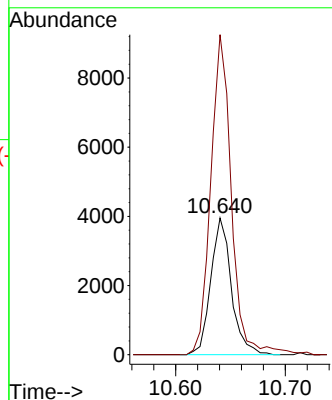
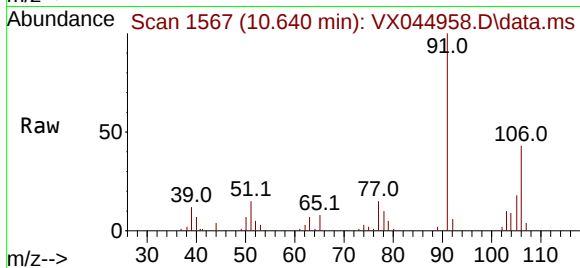




#69
o-Xylene
Concen: 2.296 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

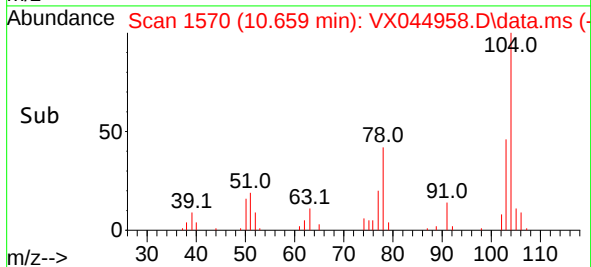
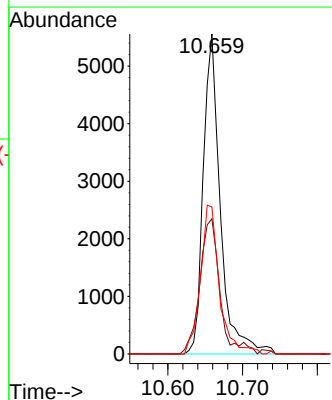
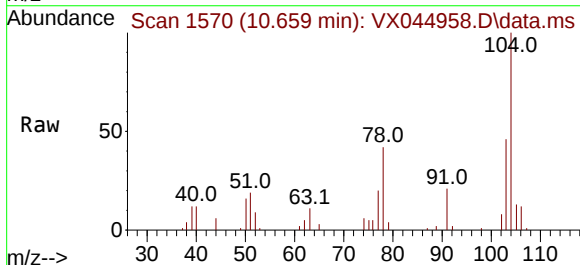
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:106 Resp: 5165
Ion Ratio Lower Upper
106 100
91 234.6 108.5 325.5



#70
Styrene
Concen: 2.436 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:104 Resp: 8832
Ion Ratio Lower Upper
104 100
78 49.5 40.5 60.7
103 51.5 43.6 65.4





#71

Bromoform

Concen: 2.267 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

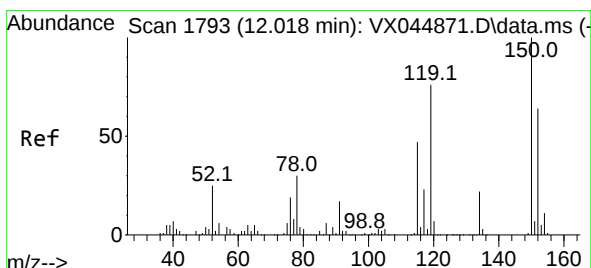
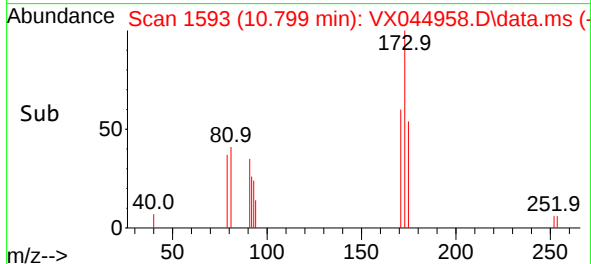
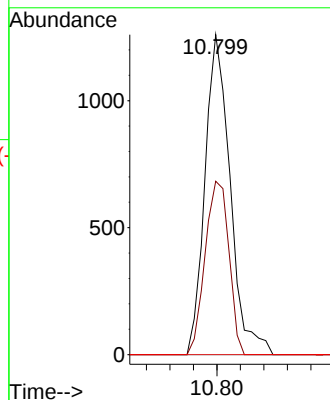
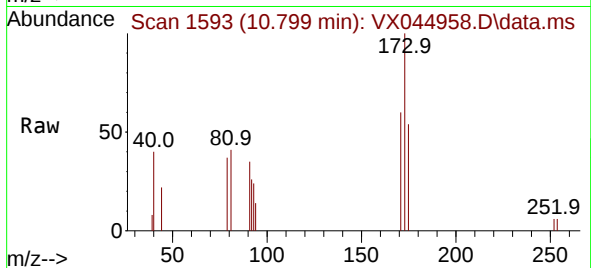
Tgt Ion:173 Resp: 1876

Ion Ratio Lower Upper

173 100

175 51.2 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

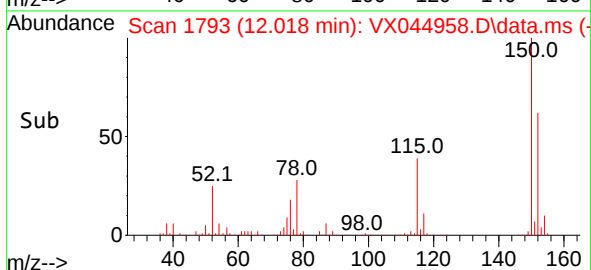
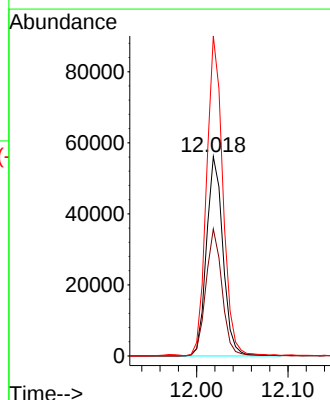
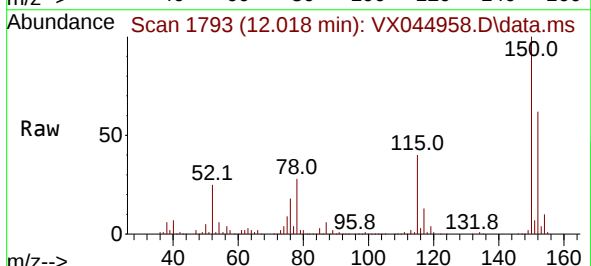
Tgt Ion:152 Resp: 69963

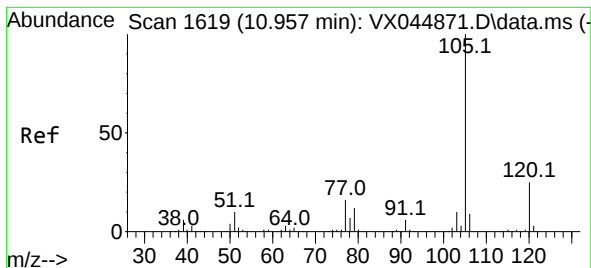
Ion Ratio Lower Upper

152 100

115 62.9 43.4 130.1

150 158.8 0.0 350.4





#73

Isopropylbenzene

Concen: 2.391 ug/l

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

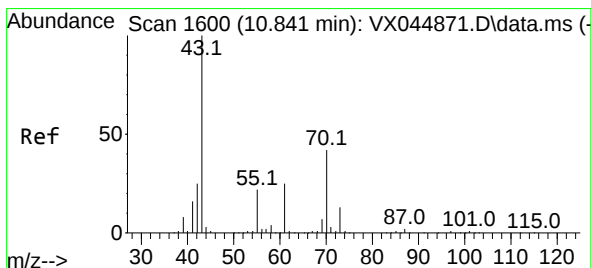
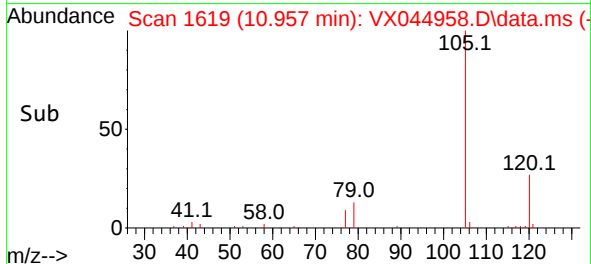
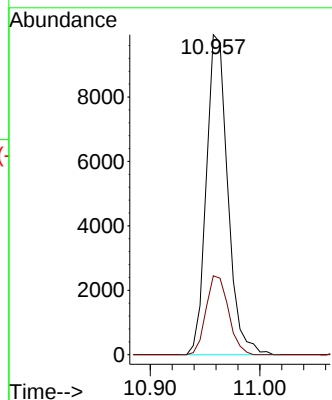
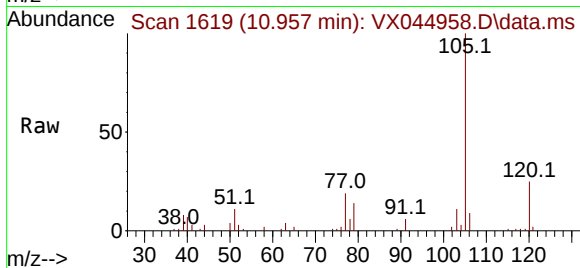
MDL-WATER-03-QT1-2025

Tgt Ion:105 Resp: 13472

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.5



#74

N-ethyl acetate

Concen: 2.078 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Tgt Ion: 43 Resp: 5296

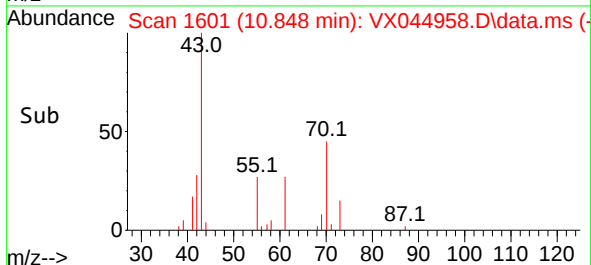
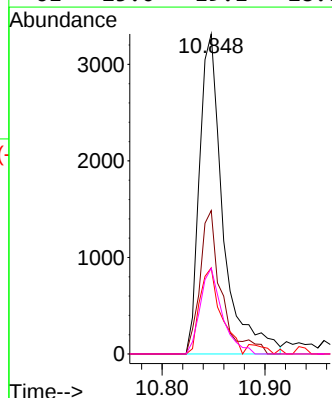
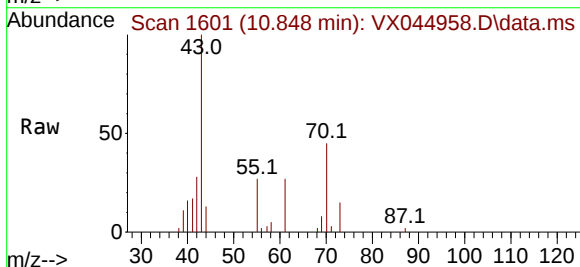
Ion Ratio Lower Upper

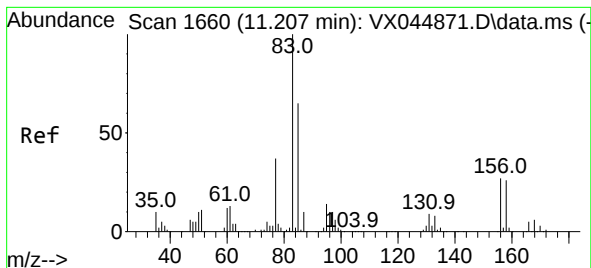
43 100

70 40.6 33.7 50.5

55 24.1 18.6 27.8

61 25.0 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 2.649 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

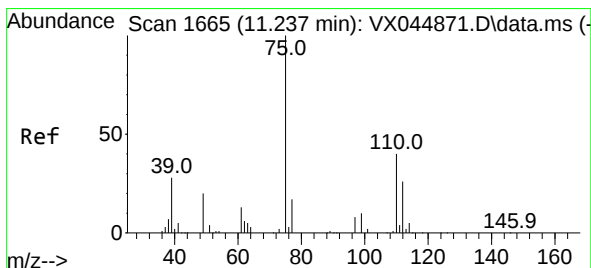
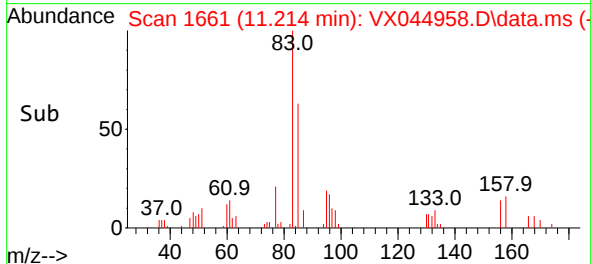
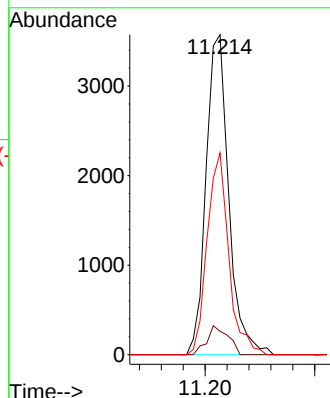
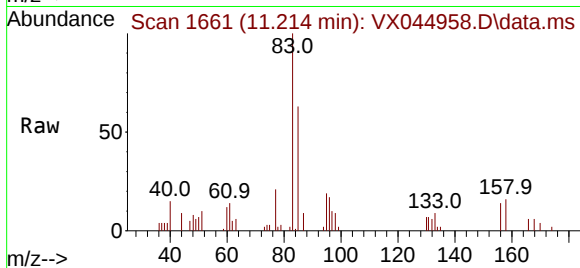
Tgt Ion: 83 Resp: 5127

Ion Ratio Lower Upper

83 100

131 8.4 4.5 13.5

85 60.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 3.338 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044958.D

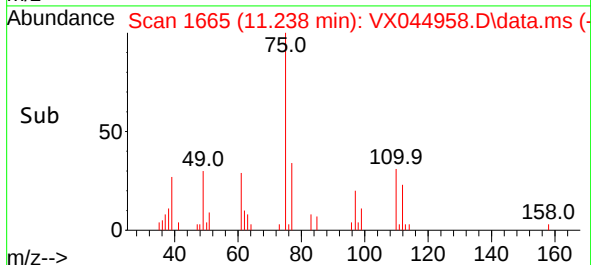
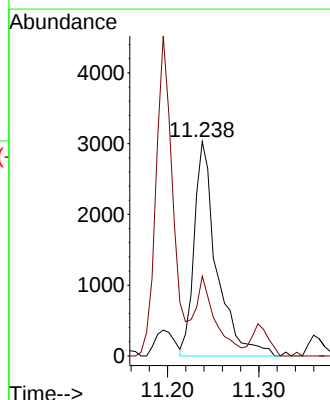
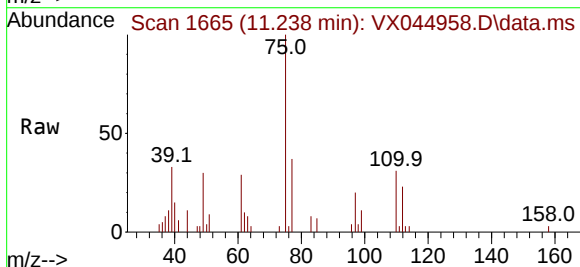
Acq: 14 Feb 2025 13:57

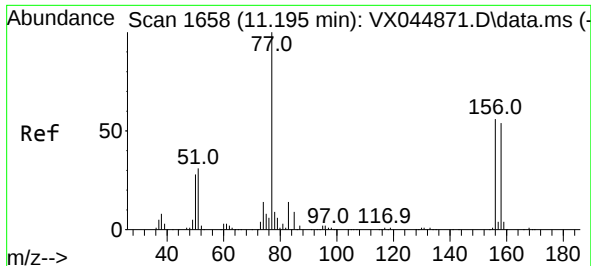
Tgt Ion: 75 Resp: 5178

Ion Ratio Lower Upper

75 100

77 34.6 21.9 65.7

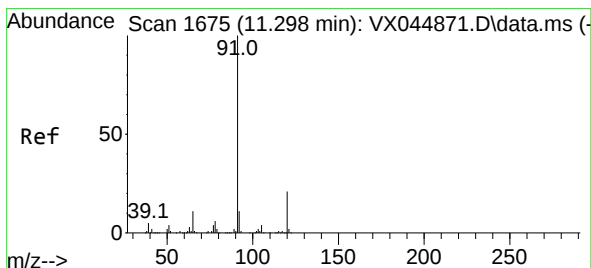
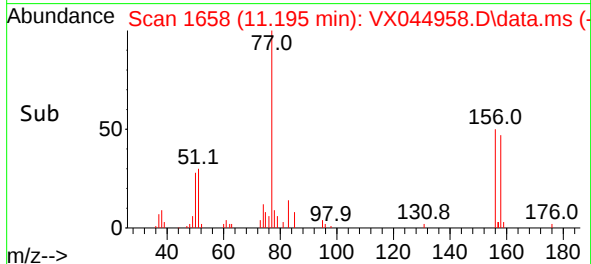
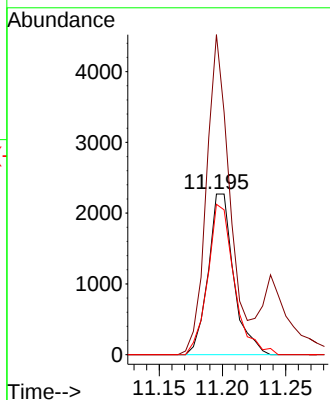
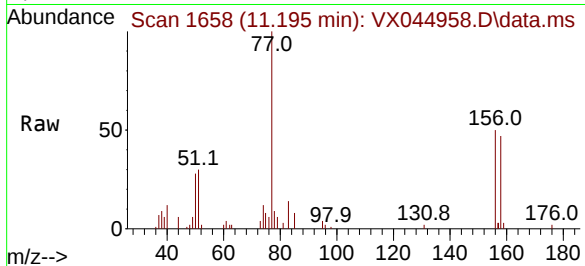




#77
Bromobenzene
Concen: 2.481 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

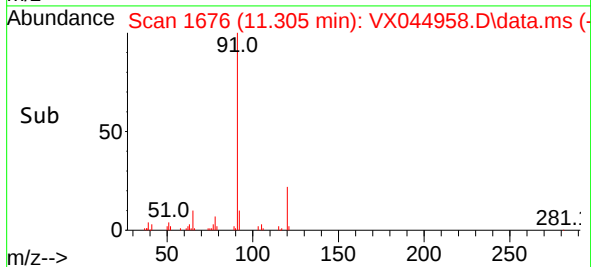
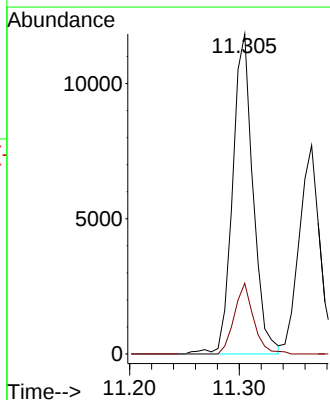
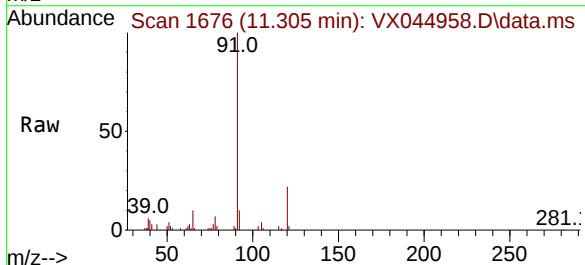
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:156 Resp: 3169
Ion Ratio Lower Upper
156 100
77 179.8 88.4 265.3
158 97.5 48.4 145.2



#78
n-propylbenzene
Concen: 2.352 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 91 Resp: 15293
Ion Ratio Lower Upper
91 100
120 20.9 11.1 33.3

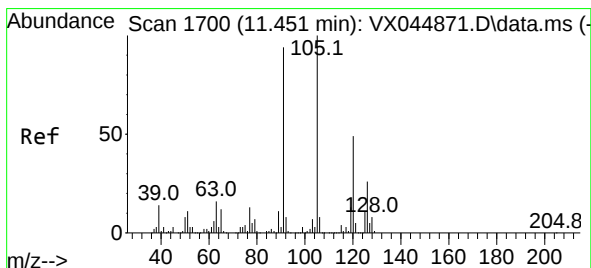
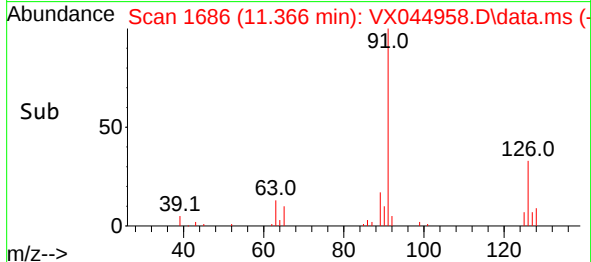
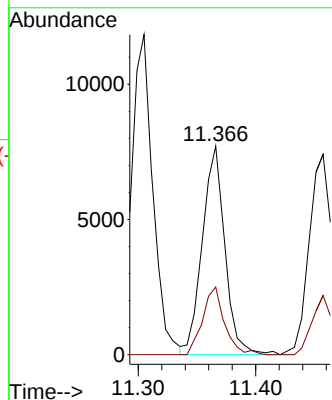
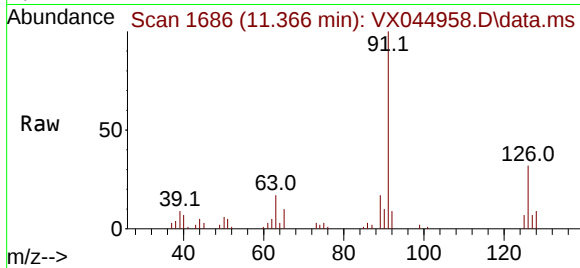




#79
2-Chlorotoluene
Concen: 2.581 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

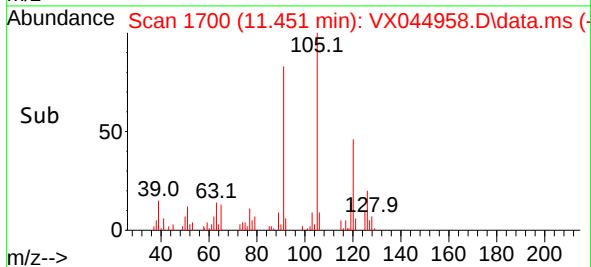
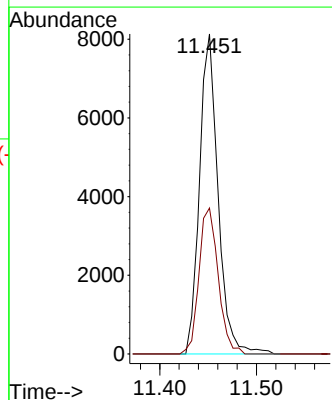
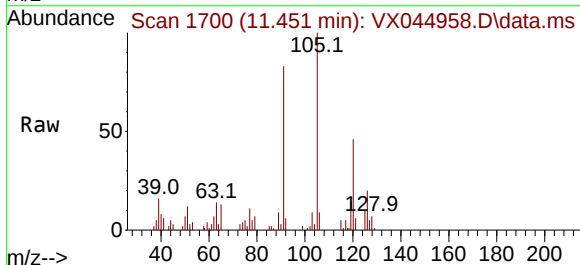
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

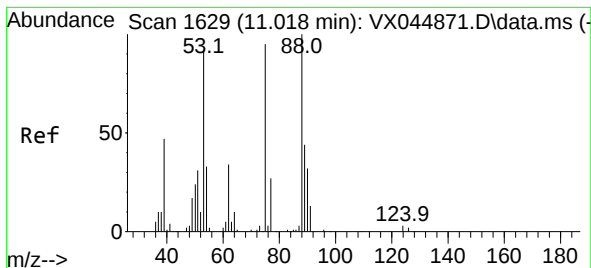
Tgt Ion: 91 Resp: 10313
Ion Ratio Lower Upper
91 100
126 31.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 2.372 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 105 Resp: 10844
Ion Ratio Lower Upper
105 100
120 47.4 24.0 72.0

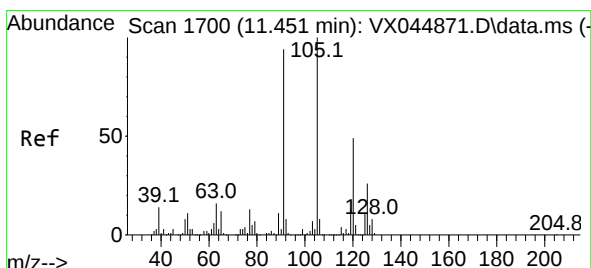
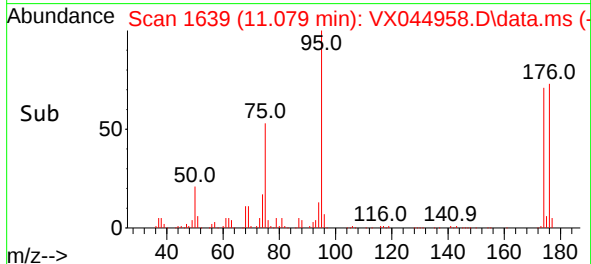
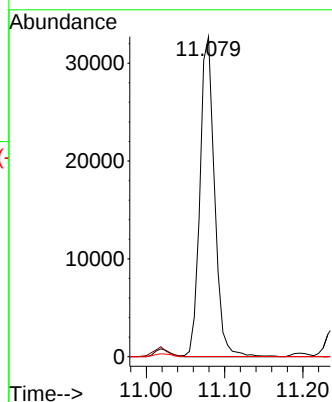
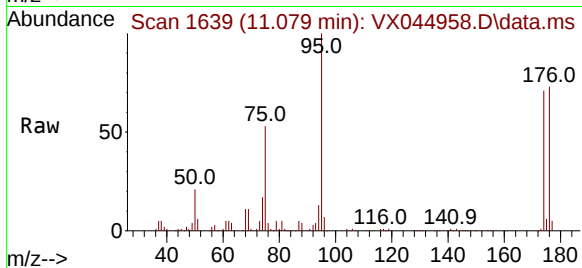




#81
trans-1,4-Dichloro-2-butene
Concen: 70.547 ug/l
RT: 11.079 min Scan# 110
Delta R.T. 0.061 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

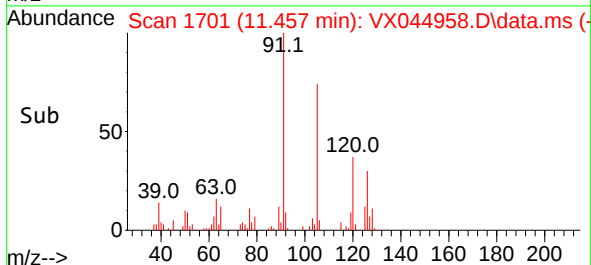
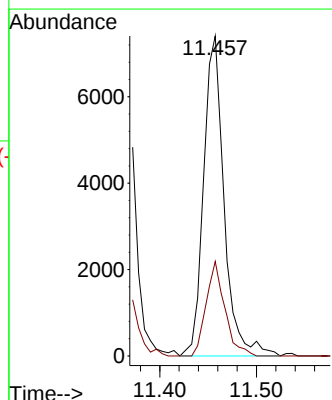
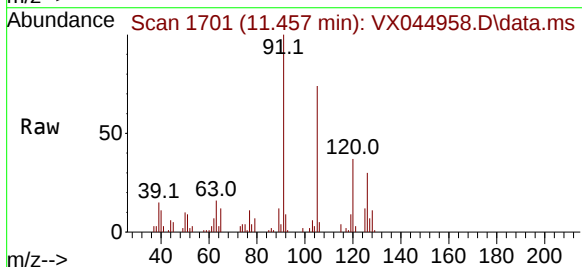
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

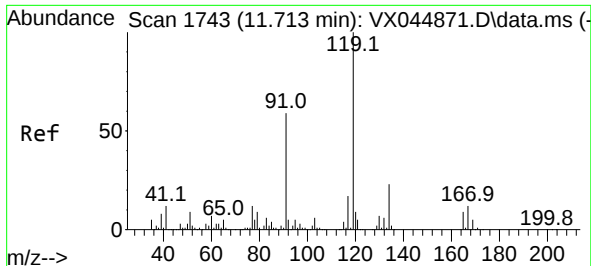
Tgt Ion: 75 Resp: 42541
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#



#82
4-Chlorotoluene
Concen: 2.474 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 91 Resp: 10936
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6

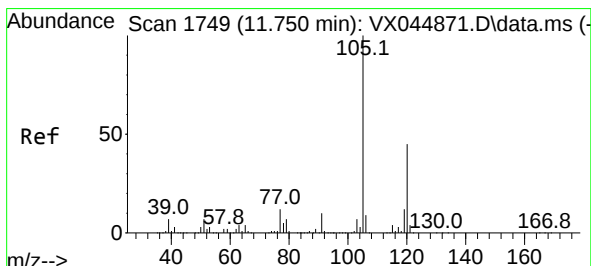
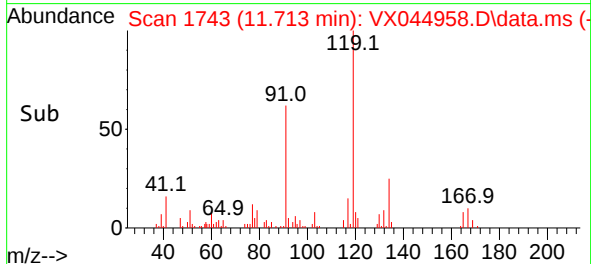
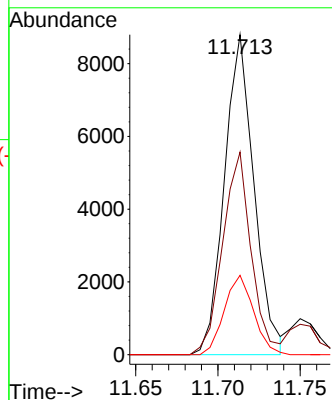
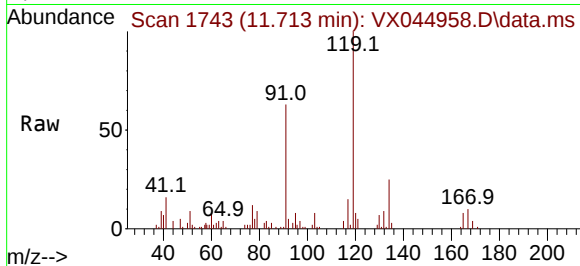




#83
 tert-Butylbenzene
 Concen: 2.383 ug/l
 RT: 11.713 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

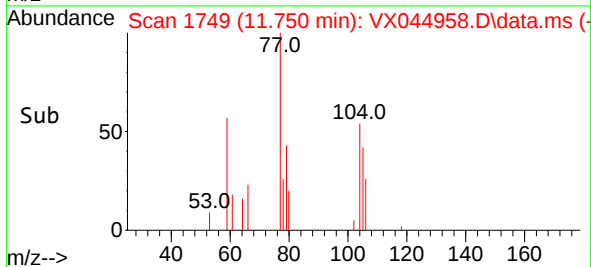
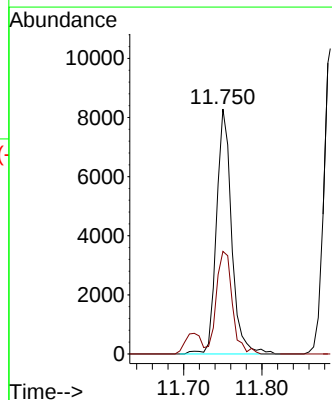
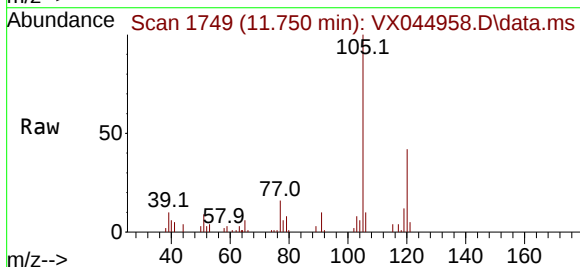
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Tgt Ion:	119	Resp:	11022
Ion	Ratio	Lower	Upper
119	100		
91	61.2	29.1	87.4
134	24.5	11.5	34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 2.464 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

Tgt Ion:	105	Resp:	11116
Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.0

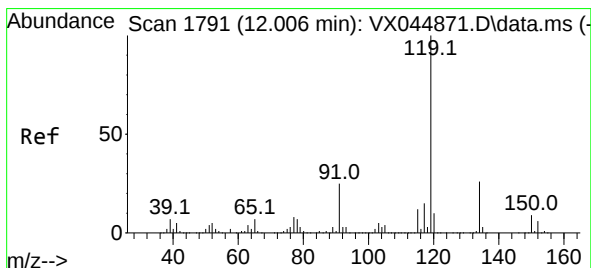
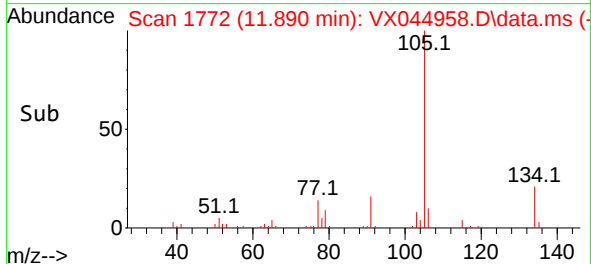
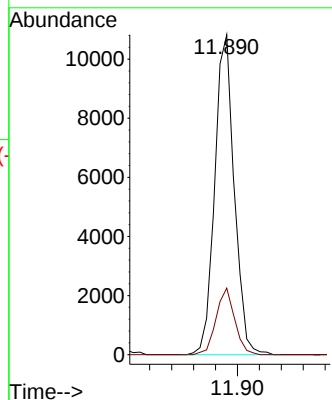
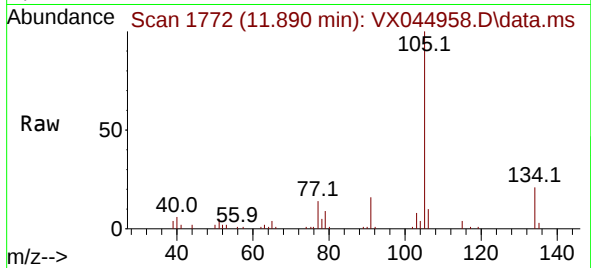




#85
 sec-Butylbenzene
 Concen: 2.339 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

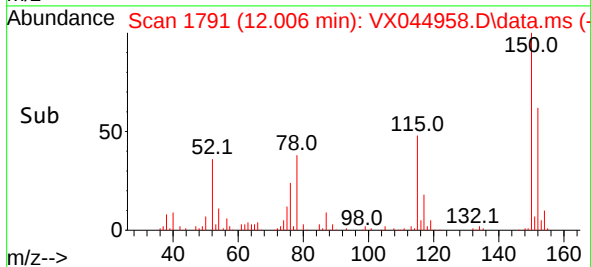
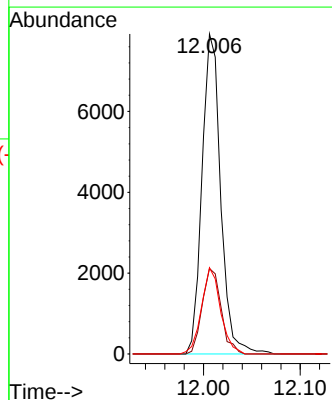
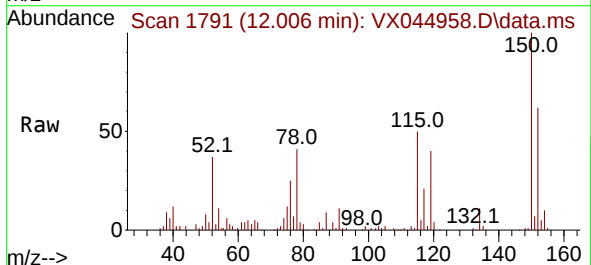
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Tgt Ion:105 Resp: 13395
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 2.312 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

Tgt Ion:119 Resp: 10646
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.0 38.9
 91 27.5 12.1 36.3

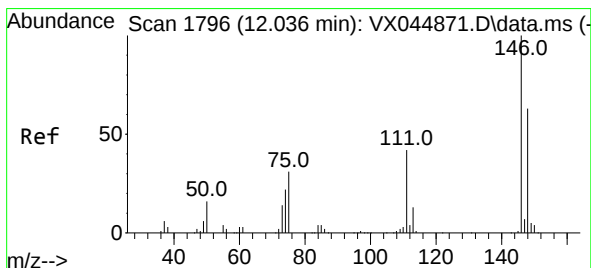
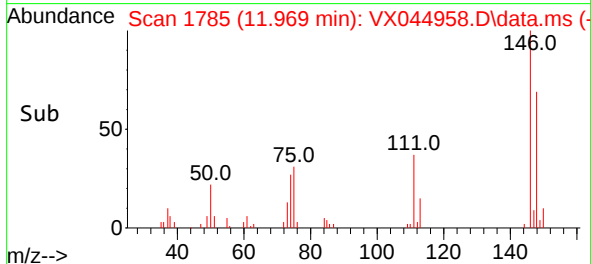
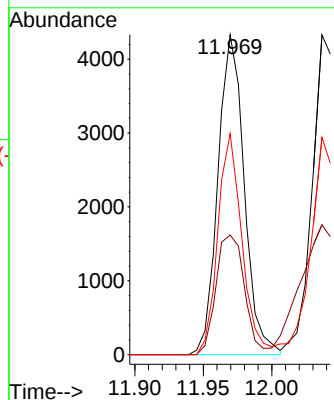
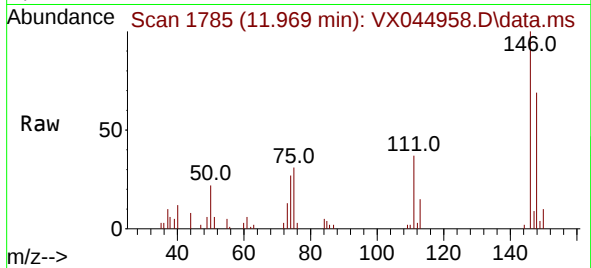




#87
1,3-Dichlorobenzene
Concen: 2.460 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

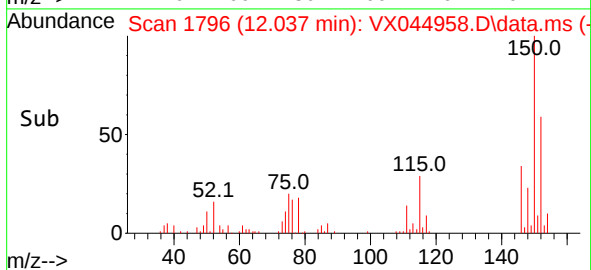
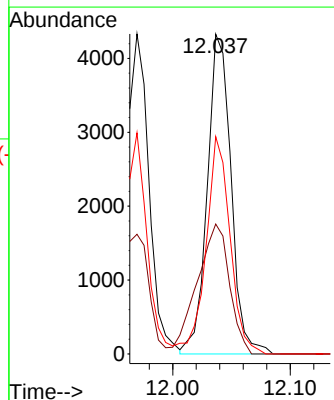
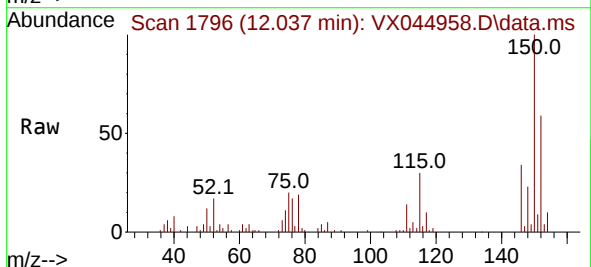
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:146 Resp: 5778
Ion Ratio Lower Upper
146 100
111 40.3 21.2 63.6
148 63.3 32.5 97.5



#88
1,4-Dichlorobenzene
Concen: 2.561 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:146 Resp: 6081
Ion Ratio Lower Upper
146 100
111 55.5 20.4 61.3
148 69.1 32.0 96.0





#89

n-Butylbenzene

Concen: 2.086 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

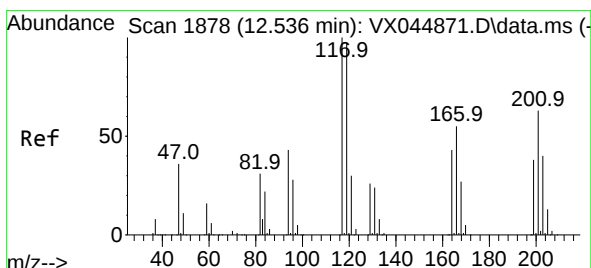
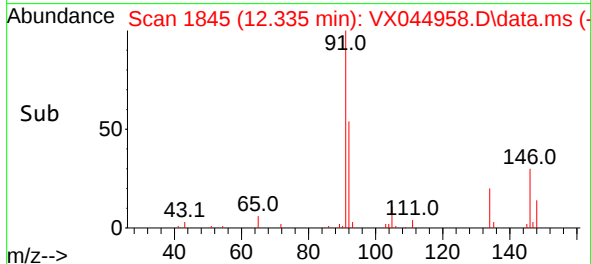
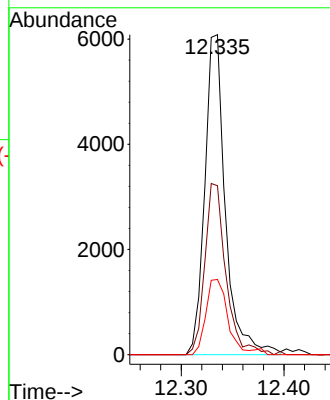
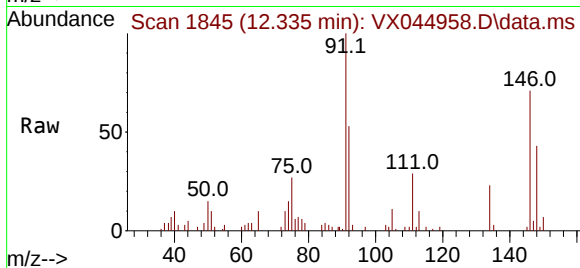
Tgt Ion: 91 Resp: 8497

Ion Ratio Lower Upper

91 100

92 54.9 27.2 81.6

134 25.4 12.1 36.3



#90

Hexachloroethane

Concen: 2.143 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044958.D

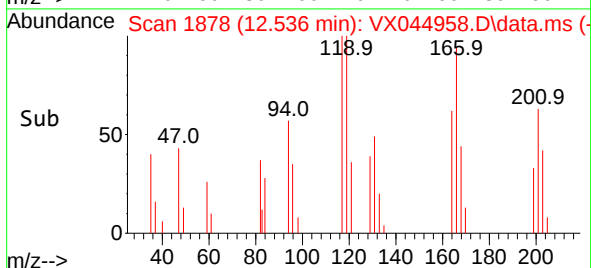
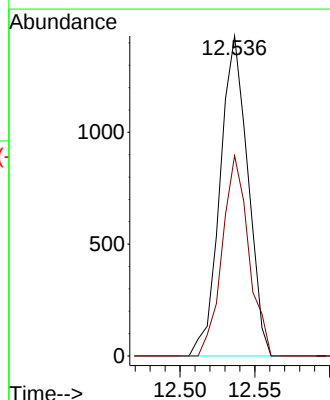
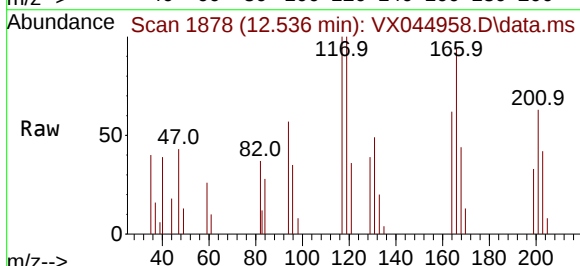
Acq: 14 Feb 2025 13:57

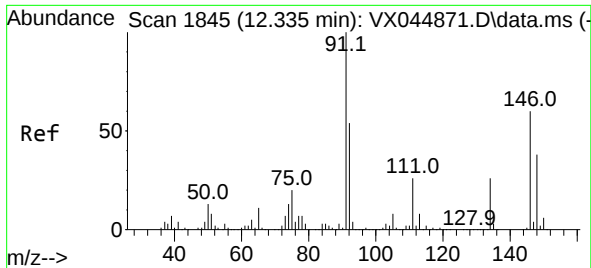
Tgt Ion: 117 Resp: 1848

Ion Ratio Lower Upper

117 100

201 59.8 32.5 97.5

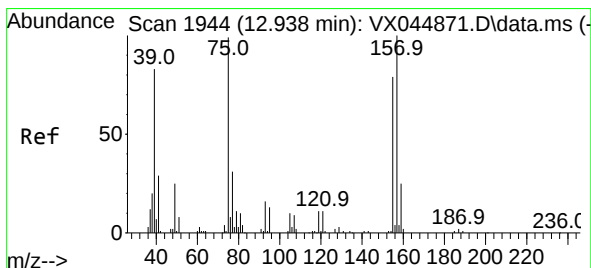
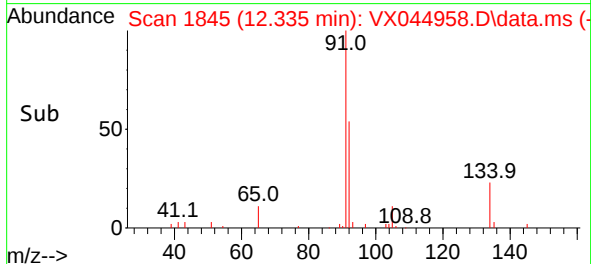
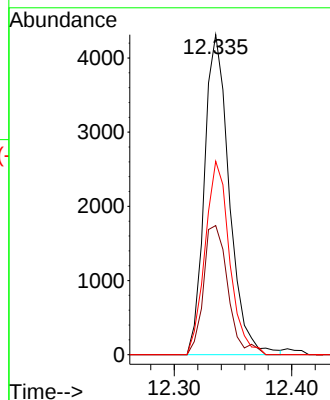
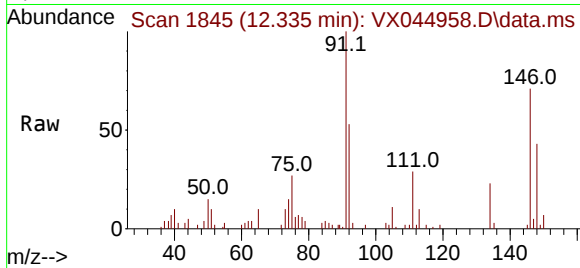




#91
1,2-Dichlorobenzene
Concen: 2.746 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

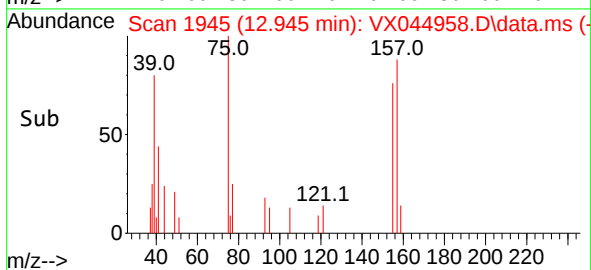
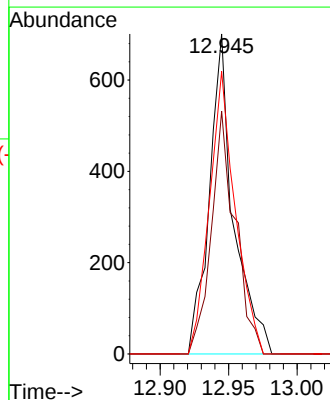
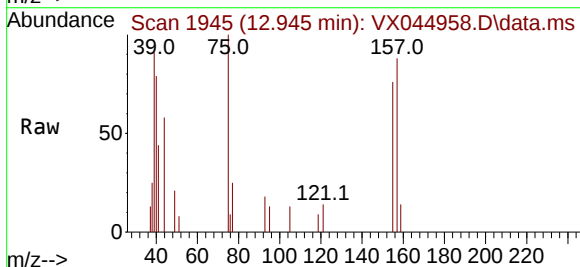
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

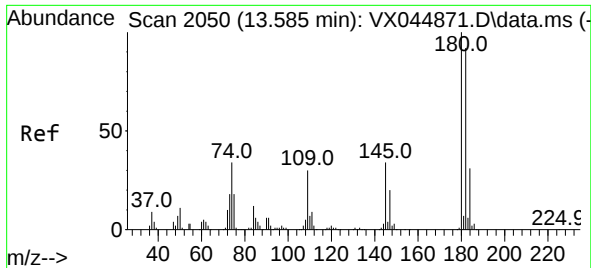
Tgt Ion:146 Resp: 6338
Ion Ratio Lower Upper
146 100
111 39.8 21.8 65.4
148 59.5 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.443 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 75 Resp: 863
Ion Ratio Lower Upper
75 100
155 74.9 40.5 121.4
157 94.3 51.4 154.3

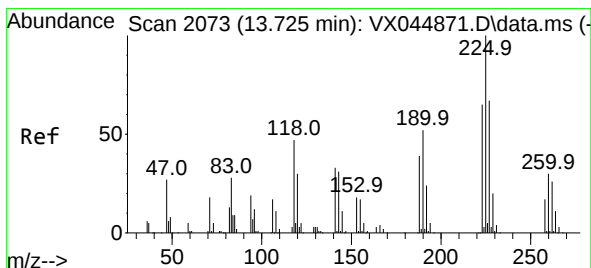
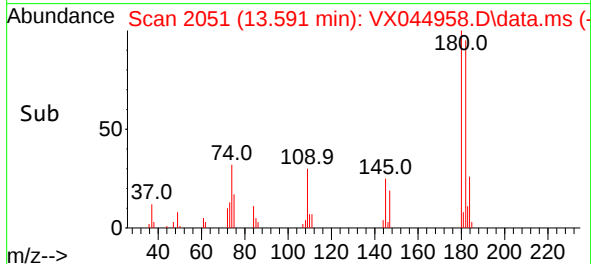
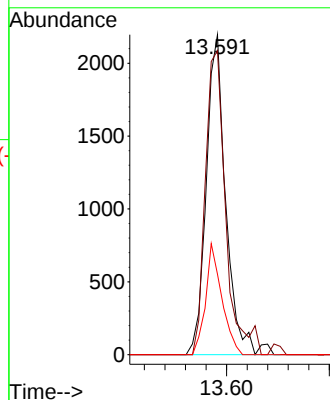
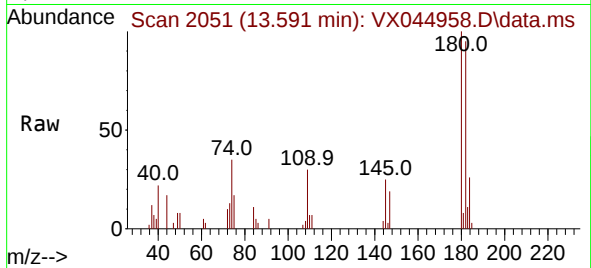




#93
1,2,4-Trichlorobenzene
Concen: 2.088 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

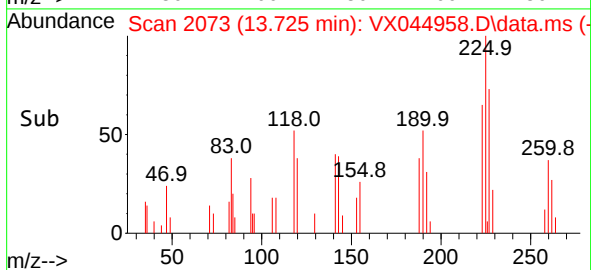
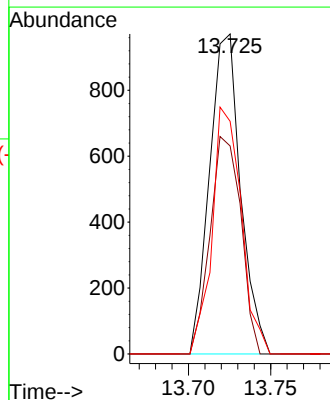
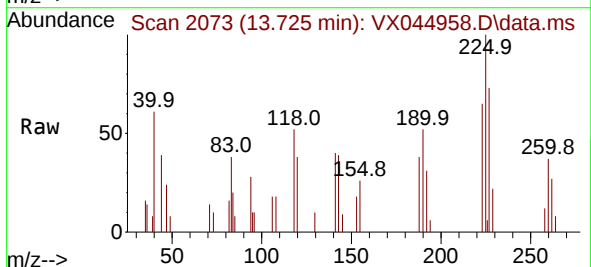
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

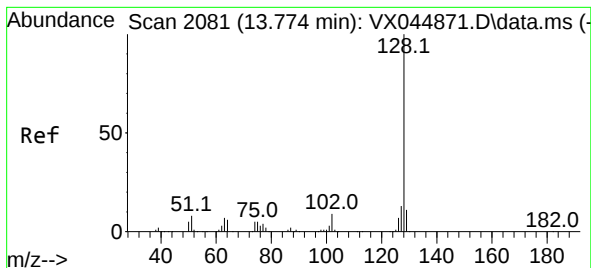
Tgt Ion:180 Resp: 2916
Ion Ratio Lower Upper
180 100
182 98.4 47.6 142.8
145 28.7 16.4 49.1



#94
Hexachlorobutadiene
Concen: 2.305 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:225 Resp: 1278
Ion Ratio Lower Upper
225 100
223 67.4 31.4 94.2
227 72.3 32.3 96.8





#95

Naphthalene

Concen: 2.187 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

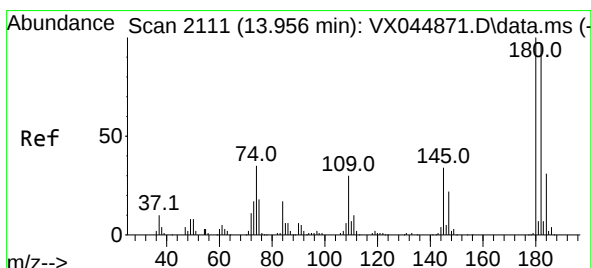
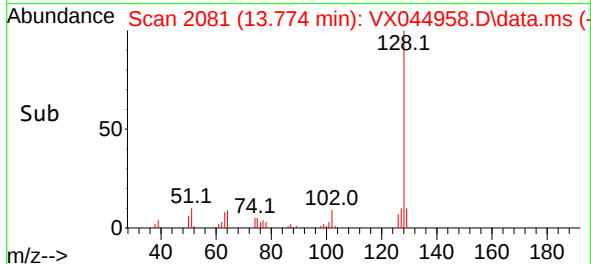
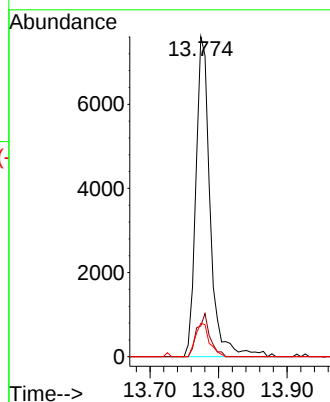
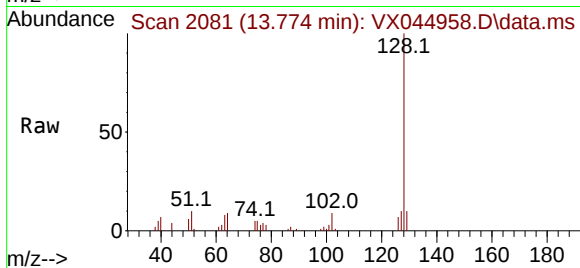
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:128	Resp:	11040
Ion	Ratio	Lower Upper
128	100	
127	12.1	10.1 15.1
129	10.2	8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 2.286 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Tgt Ion:180	Resp:	3217
Ion	Ratio	Lower Upper
180	100	
182	89.9	47.9 143.6
145	36.6	17.1 51.3

