

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110525\
 Data File : VU063672.D
 Acq On : 05 Nov 2025 14:57
 Operator : MD/SY
 Sample : Q3530-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Quant Time: Nov 06 04:38:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.081	96	61110	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	23571	0.853	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	21747	0.877	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	6326	0.275	ug/l	94
3) Chloromethane	1.509	50	6425	0.297	ug/l	96
4) Vinyl Chloride	1.589	62	6753	0.307	ug/l	91
5) Bromomethane	1.840	94	5289	0.398	ug/l	95
6) Chloroethane	1.914	64	3806	0.282	ug/l	99
7) Trichlorofluoromethane	2.116	101	8864	0.277	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	5030	0.296	ug/l	94
9) 1,1-Dichloroethene	2.557	96	5299	0.322	ug/l	99
10) Iodomethane	2.698	142	4649	0.190	ug/l	94
11) Allyl Chloride	2.895	41	6728	0.262	ug/l	94
12) Acrylonitrile	3.293	53	2615	0.642	ug/l	# 75
13) Acetone	2.605	43	10745	1.493	ug/l	92
14) Carbon Disulfide	2.766	76	12027	0.259	ug/l	96
15) Methylene Chloride	3.014	84	6588	0.311	ug/l	87
16) trans-1,2-Dichloroethene	3.319	96	6336	0.349	ug/l	95
17) 1,1-Dichloroethane	3.833	63	11243	0.312	ug/l	98
18) 2-Butanone	4.692	43	10631	1.392	ug/l	97
19) Cyclohexane	5.345	56	7827	0.285	ug/l	# 87
20) Methylcyclohexane	6.727	83	9631	0.281	ug/l	97
21) 2,2-Dichloropropane	4.624	77	9536	0.295	ug/l	# 89
22) cis-1,2-Dichloroethene	4.631	96	6520	0.315	ug/l	90
23) Diethyl Ether	2.361	59	3838	0.284	ug/l	92
24) tert-Butyl Alcohol	3.171	59	5757	2.474	ug/l	# 86
25) Methyl tert-Butyl Ether	3.345	73	14369	0.298	ug/l	100
26) Bromochloromethane	4.940	128	2855	0.327	ug/l	84
27) Chloroform	5.055	83	10504	0.285	ug/l	93
28) 1,1,1-Trichloroethane	5.277	97	9362	0.288	ug/l	97
29) 1,1-Dichloropropene	5.486	75	7809	0.286	ug/l	90
30) Carbon Tetrachloride	5.489	117	7262	0.283	ug/l	95
31) Isopropyl Ether	3.972	45	16997	0.298	ug/l	91
32) Ethyl-t-butyl ether	4.480	59	15603	0.284	ug/l	92
33) Tert-Amyl methyl ether	5.920	73	14213	0.297	ug/l	# 97
34) Propionitrile	4.753	54	2137	1.432	ug/l	# 83
35) Benzene	5.737	78	21979	0.286	ug/l	100
36) 1,2-Dichloroethane	5.766	62	7913	0.321	ug/l	98
37) Trichloroethene	6.515	130	6454	0.295	ug/l	84
38) 1,2-Dichloropropane	6.766	63	5810	0.270	ug/l	97
39) Methacrylonitrile	4.952	41	2202	0.296	ug/l	# 80
40) Methyl acrylate	4.833	55	3213	0.298	ug/l	# 89
41) Tetrahydrofuran	5.039	42	3084	0.923	ug/l	# 82
42) 1-Chlorobutane	5.422	56	11148	0.305	ug/l	98
43) Dibromomethane	6.891	93	2961	0.266	ug/l	91
44) Bromodichloromethane	7.084	83	6982	0.257	ug/l	98

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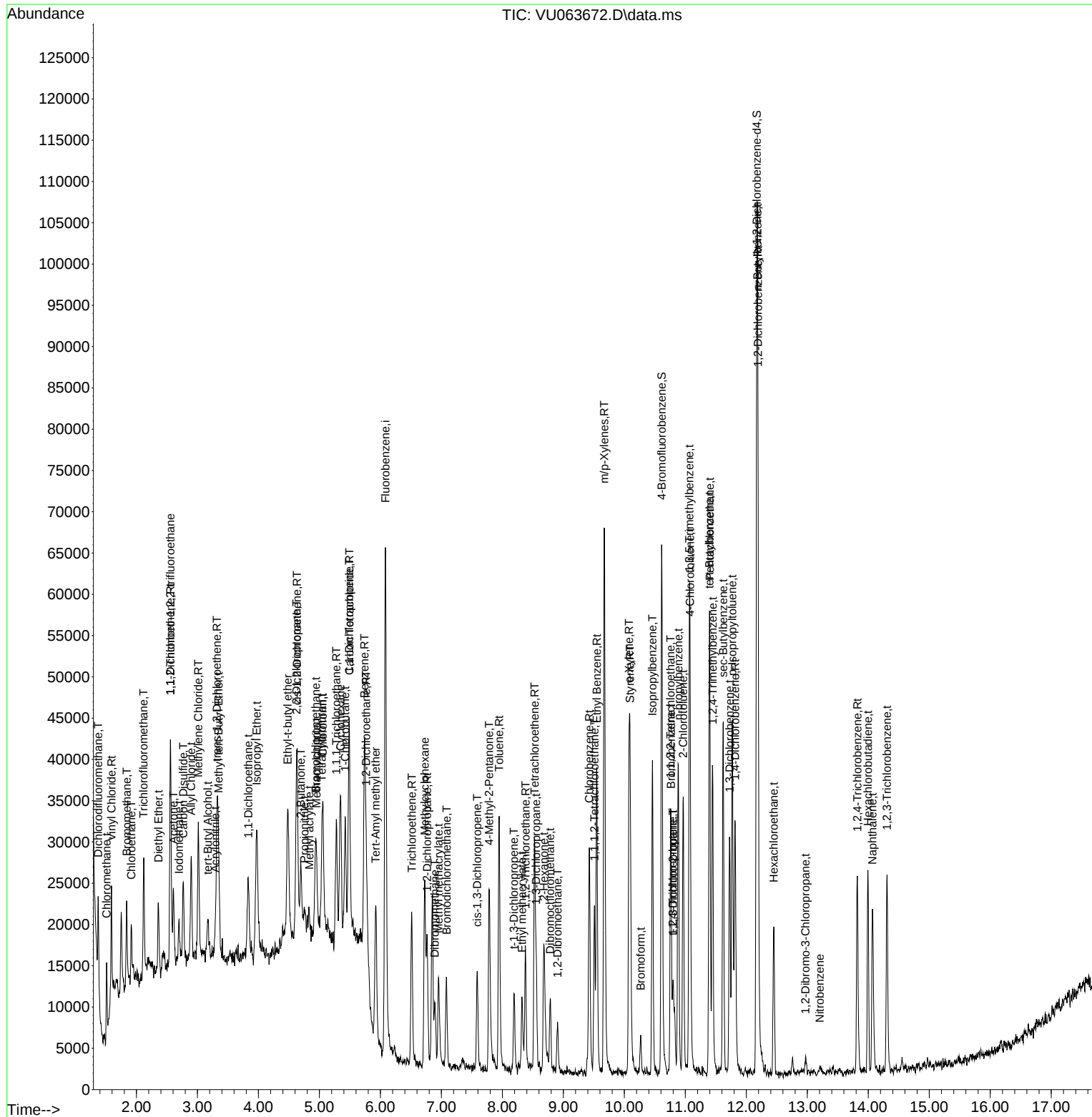
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

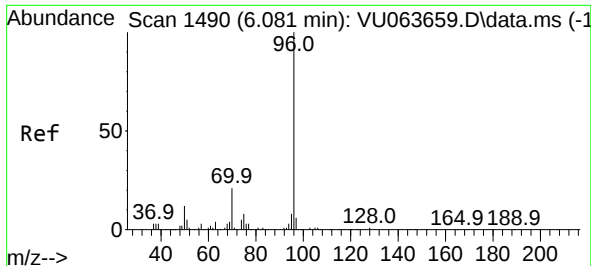
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	16873	1.258	ug/l	97
46) t-1,4-Dichloro-2-butene	10.798	75	5484	1.179	ug/l #	49
47) Methyl methacrylate	6.952	69	5409	0.528	ug/l	95
48) Ethyl methacrylate	8.322	69	5867	0.282	ug/l	97
49) Toluene	7.946	92	14554	0.281	ug/l	100
50) t-1,3-Dichloropropene	8.190	75	5775	0.244	ug/l	98
51) cis-1,3-Dichloropropene	7.586	75	7490	0.253	ug/l	96
52) 1,1,2-Trichloroethane	8.380	97	4280	0.283	ug/l	96
53) 1,3-Dichloropropane	8.554	76	7441	0.275	ug/l	96
54) 2-Hexanone	8.682	43	15033	1.327	ug/l	90
55) Dibromochloromethane	8.785	129	4199	0.236	ug/l	98
56) 1,2-Dibromoethane	8.904	107	3829	0.266	ug/l	100
58) Tetrachloroethene	8.528	164	6223	0.290	ug/l	98
59) Chlorobenzene	9.425	112	16220	0.289	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.508	131	5029	0.256	ug/l	97
61) Pentachloroethane	11.399	117	3045	0.223	ug/l	88
62) Hexachloroethane	12.450	117	3065	0.205	ug/l	100
63) Ethyl Benzene	9.547	91	28256	0.278	ug/l	99
64) m/p-Xylenes	9.669	106	20356	0.536	ug/l	99
65) o-Xylene	10.078	106	9849	0.264	ug/l	95
66) Styrene	10.094	104	16404	0.272	ug/l	97
67) Bromoform	10.267	173	2007	0.209	ug/l #	93
69) Isopropylbenzene	10.460	105	24110	0.262	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.756	83	4835	0.255	ug/l	91
71) 1,2,3-Trichloropropane	10.798	75	5484	0.332	ug/l #	91
72) Bromobenzene	10.766	156	6682	0.300	ug/l	92
73) n-propylbenzene	10.885	120	6559	0.251	ug/l	88
74) 2-Chlorotoluene	10.962	126	6097	0.269	ug/l	100
75) 1,3,5-Trimethylbenzene	11.065	105	21429	0.252	ug/l	96
76) 4-Chlorotoluene	11.078	126	6404	0.282	ug/l	85
77) tert-Butylbenzene	11.393	119	22572	0.271	ug/l	97
78) 1,2,4-Trimethylbenzene	11.447	105	21900	0.268	ug/l	100
79) sec-Butylbenzene	11.621	105	28859	0.263	ug/l	100
80) Nitrobenzene	13.203	77	429	0.642	ug/l #	58
81) p-Isopropyltoluene	11.769	119	22950	0.256	ug/l	98
82) 1,3-Dichlorobenzene	11.724	146	12314	0.286	ug/l	98
83) 1,4-Dichlorobenzene	11.817	146	12188	0.285	ug/l	96
84) n-Butylbenzene	12.184	91	22484	0.280	ug/l	99
85) 1,2-Dichlorobenzene	12.190	146	11963	0.294	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.968	75	663	0.211	ug/l	89
87) 1,2,4-Trichlorobenzene	13.820	180	7886	0.314	ug/l	98
88) Hexachlorobutadiene	13.994	225	4160	0.278	ug/l	92
89) Naphthalene	14.068	128	18473	0.383	ug/l	99
90) 1,2,3-Trichlorobenzene	14.306	180	8078	0.352	ug/l	99

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

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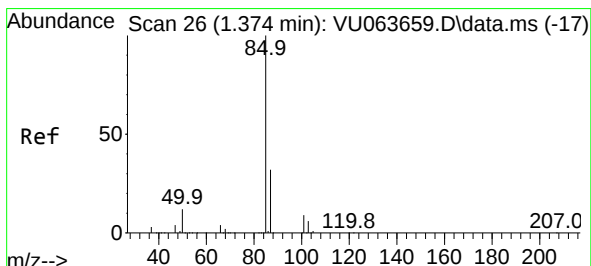
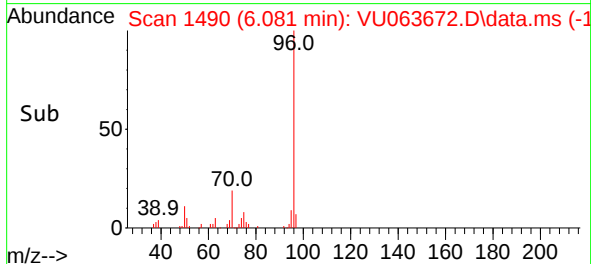
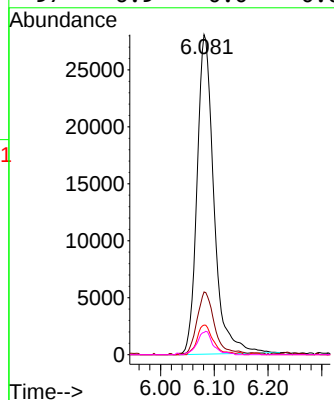
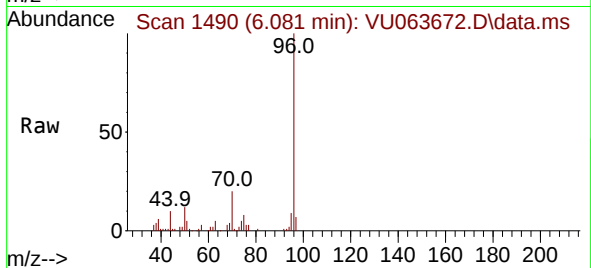




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

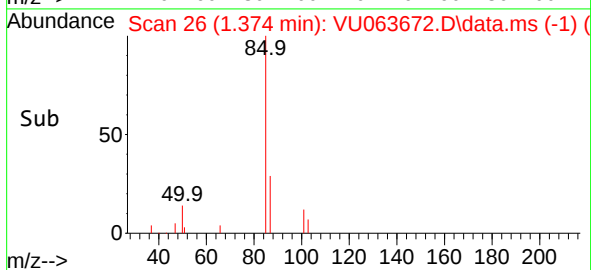
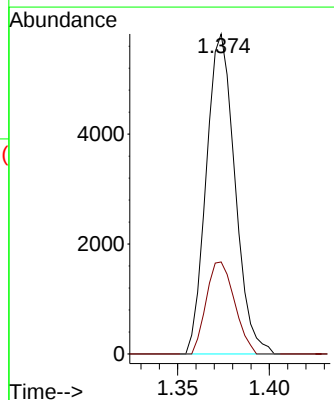
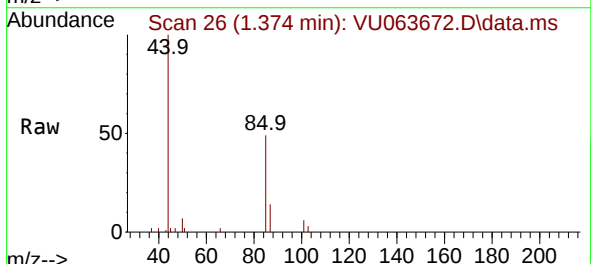
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

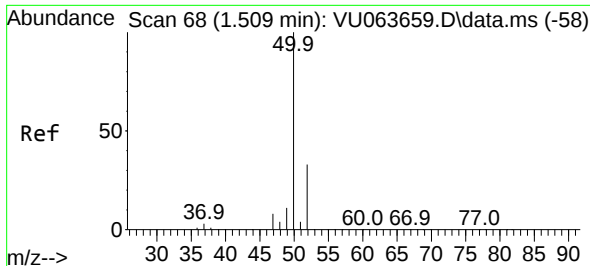
Tgt Ion:	96	Resp:	61110
Ion	Ratio	Lower	Upper
96	100		
70	18.5	15.3	22.9
95	8.4	6.5	9.7
97	6.9	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.275 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:	85	Resp:	6326
Ion	Ratio	Lower	Upper
85	100		
87	28.8	16.0	47.9

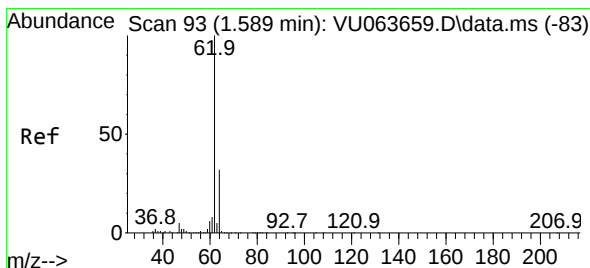
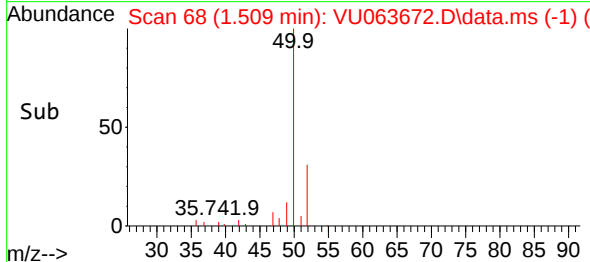
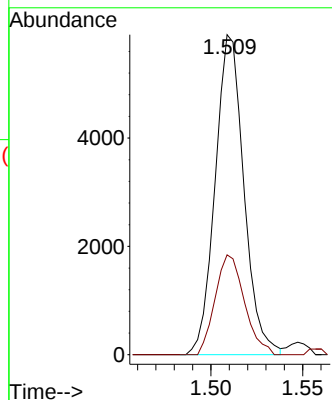
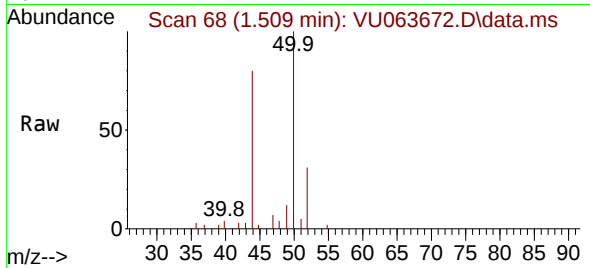




#3
Chloromethane
Concen: 0.297 ug/l
RT: 1.509 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

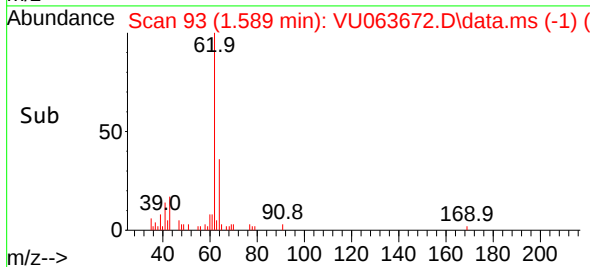
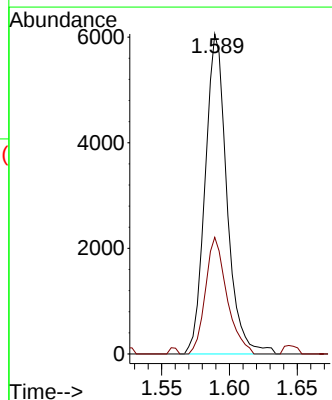
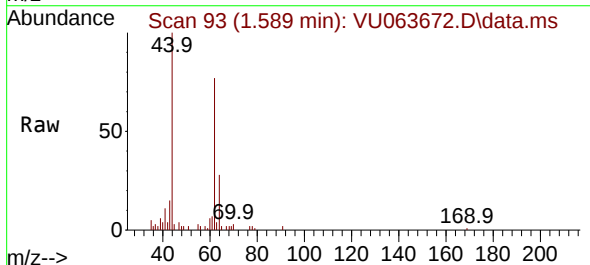
Instrument :
MSVOA_U
ClientSampleId :
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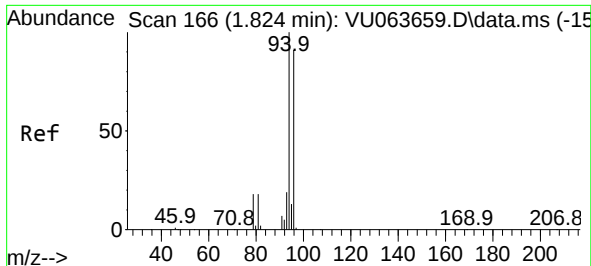
Tgt Ion: 50 Resp: 6425
Ion Ratio Lower Upper
50 100
52 31.2 26.6 40.0



#4
Vinyl Chloride
Concen: 0.307 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 62 Resp: 6753
Ion Ratio Lower Upper
62 100
64 36.4 25.2 37.8

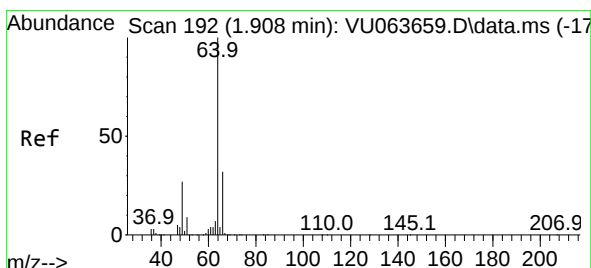
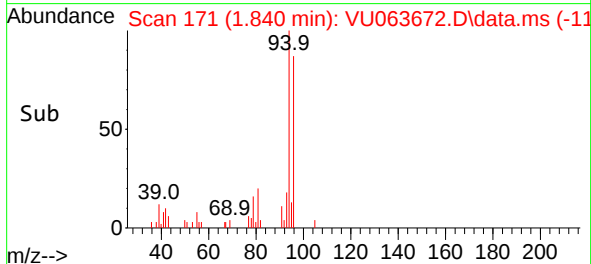
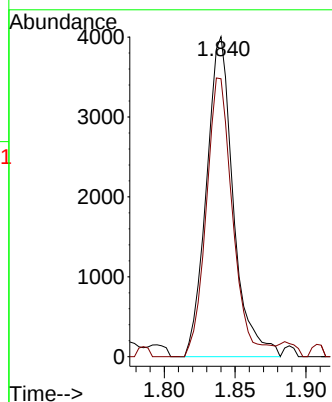
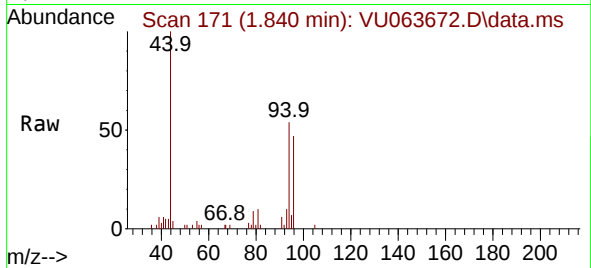




#5
Bromomethane
Concen: 0.398 ug/l
RT: 1.840 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

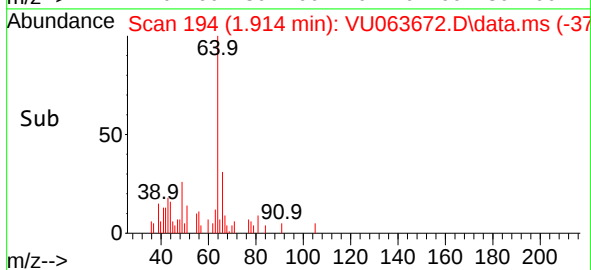
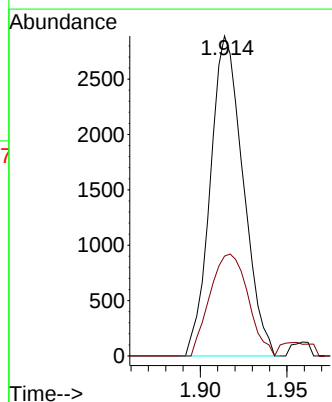
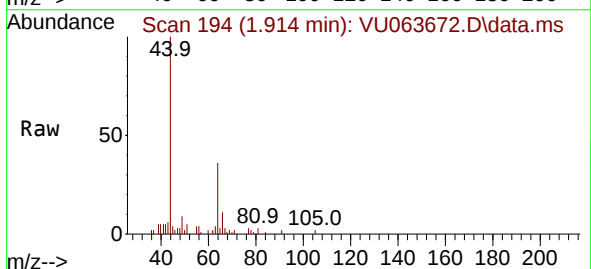
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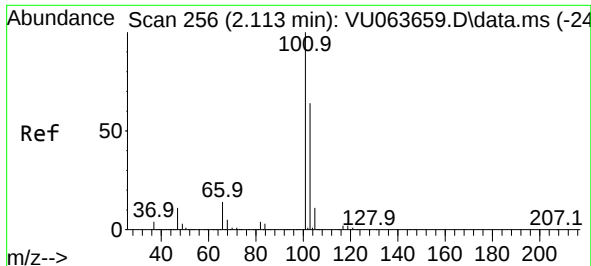
Tgt Ion: 94 Resp: 5289
Ion Ratio Lower Upper
94 100
96 86.8 73.0 109.6



#6
Chloroethane
Concen: 0.282 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.006 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 64 Resp: 3806
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2

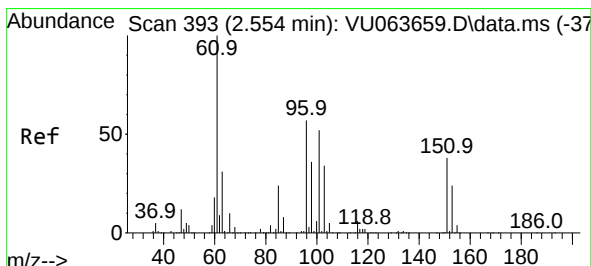
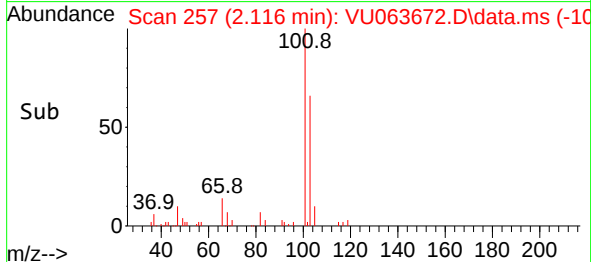
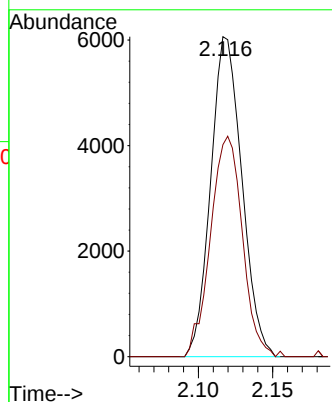
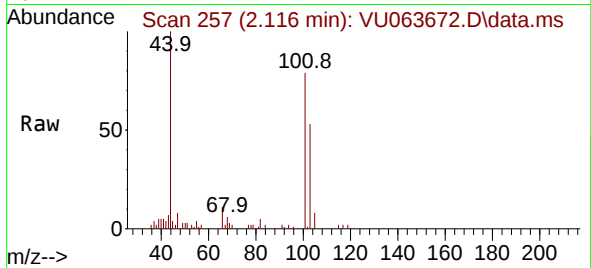




#7
Trichlorofluoromethane
Concen: 0.277 ug/l
RT: 2.116 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

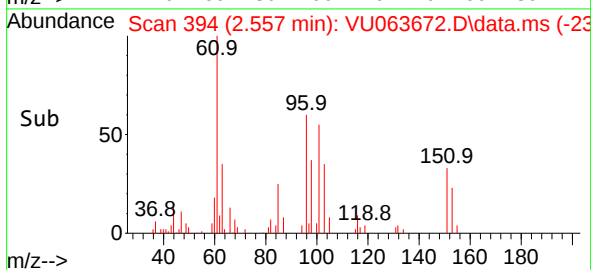
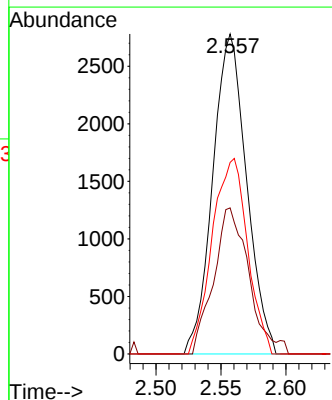
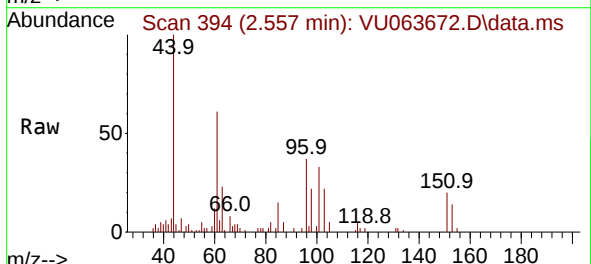
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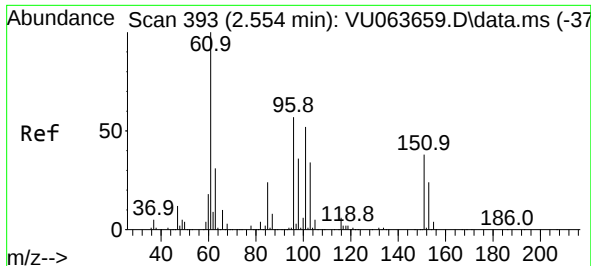
Tgt Ion:101 Resp: 8864
Ion Ratio Lower Upper
101 100
103 66.2 51.0 76.6



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.296 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:101 Resp: 5030
Ion Ratio Lower Upper
101 100
85 47.7 37.0 55.4
151 63.9 57.2 85.8

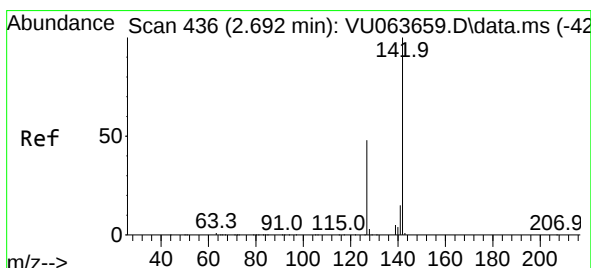
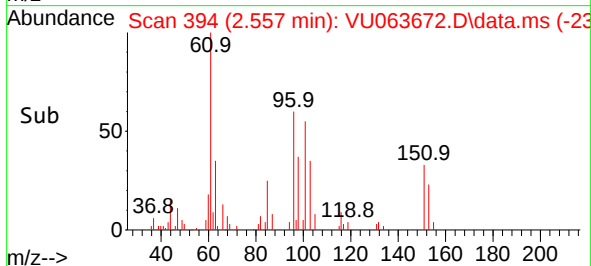
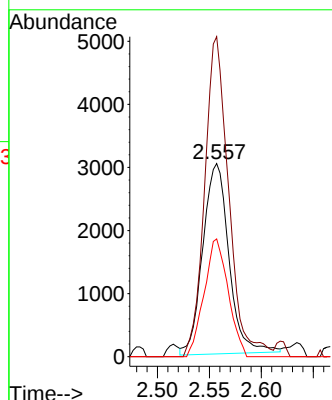
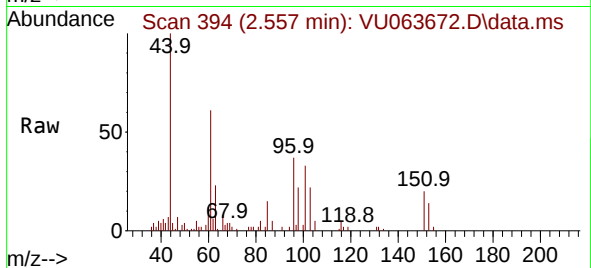




#9
1,1-Dichloroethene
Concen: 0.322 ug/l
RT: 2.557 min Scan# 393
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

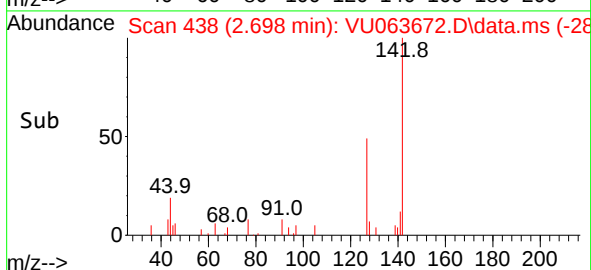
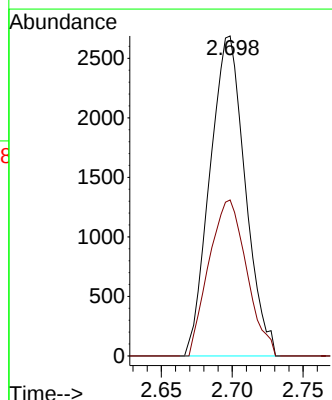
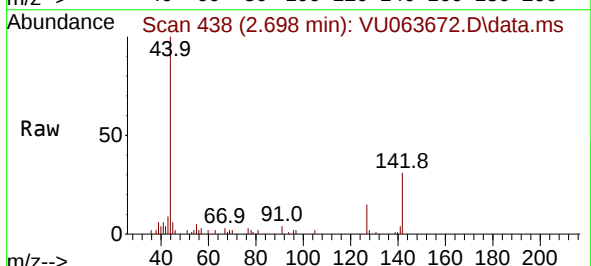
Instrument :
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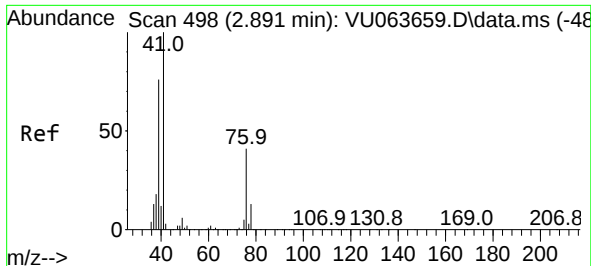
Tgt Ion: 96 Resp: 5299
Ion Ratio Lower Upper
96 100
61 172.7 0.0 524.7
98 63.5 0.0 126.8



#10
Iodomethane
Concen: 0.190 ug/l
RT: 2.698 min Scan# 438
Delta R.T. 0.006 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 142 Resp: 4649
Ion Ratio Lower Upper
142 100
127 52.2 38.6 58.0

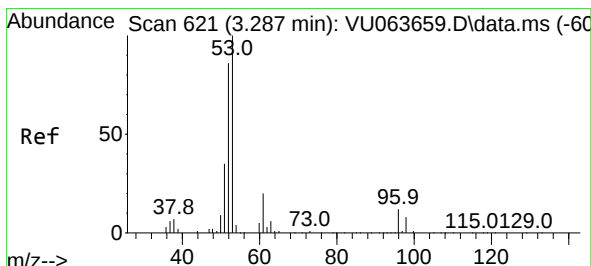
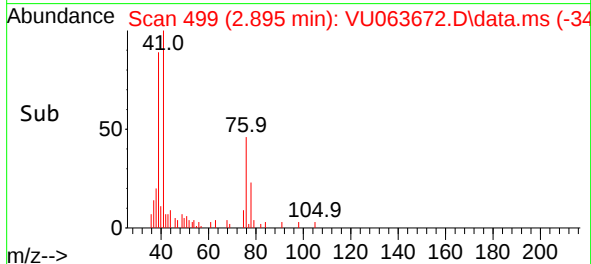
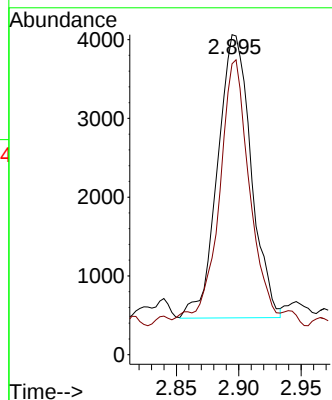
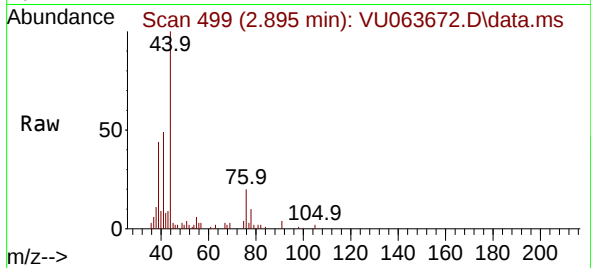




#11
 Allyl Chloride
 Concen: 0.262 ug/l
 RT: 2.895 min Scan# 499
 Delta R.T. 0.003 min
 Lab File: VU063672.D
 Acq: 05 Nov 2025 14:57

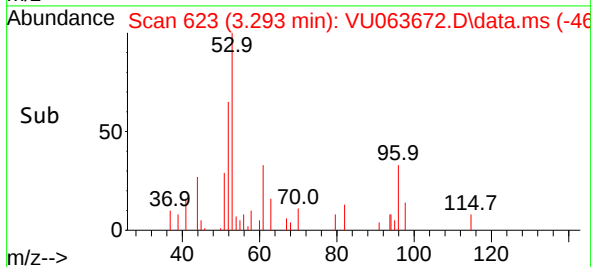
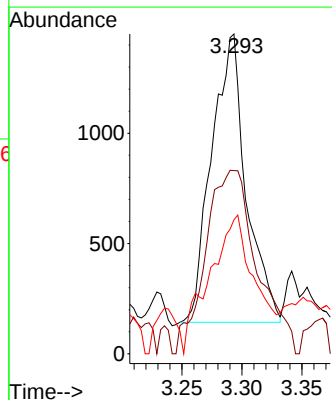
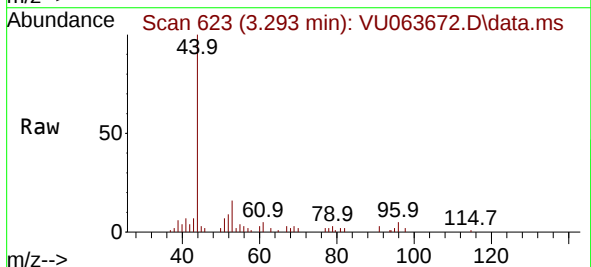
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

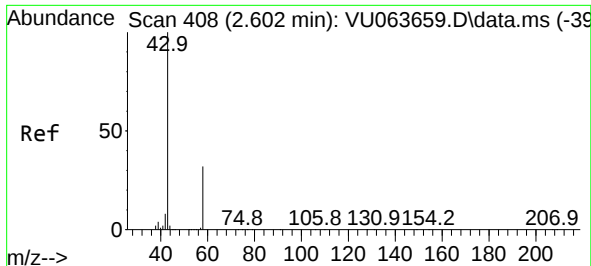
Tgt Ion: 41 Resp: 6728
 Ion Ratio Lower Upper
 41 100
 39 81.4 61.0 91.4



#12
 Acrylonitrile
 Concen: 0.642 ug/l
 RT: 3.293 min Scan# 623
 Delta R.T. 0.006 min
 Lab File: VU063672.D
 Acq: 05 Nov 2025 14:57

Tgt Ion: 53 Resp: 2615
 Ion Ratio Lower Upper
 53 100
 52 95.1 65.4 98.0
 51 63.6 27.6 41.4#

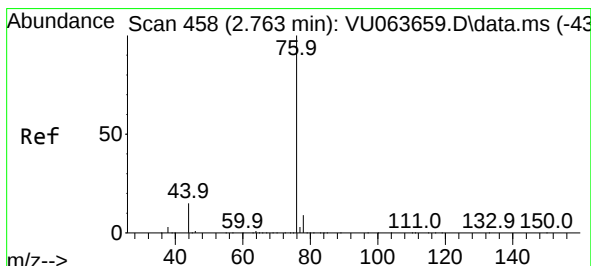
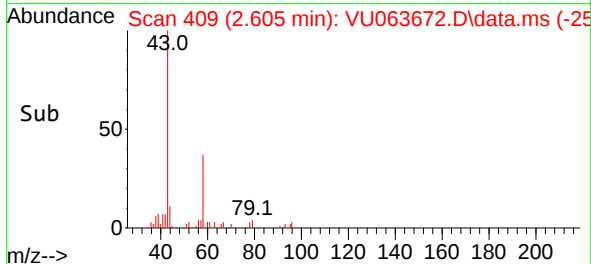
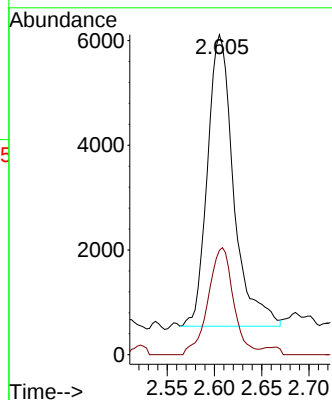
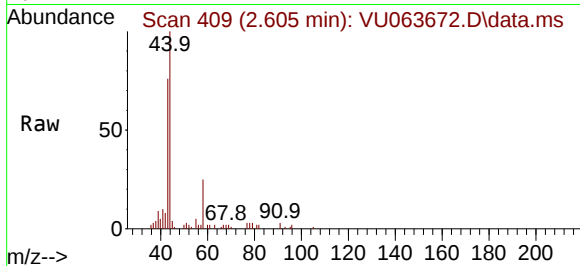




#13
Acetone
Concen: 1.493 ug/l
RT: 2.605 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

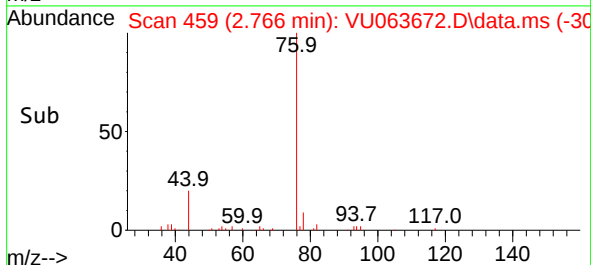
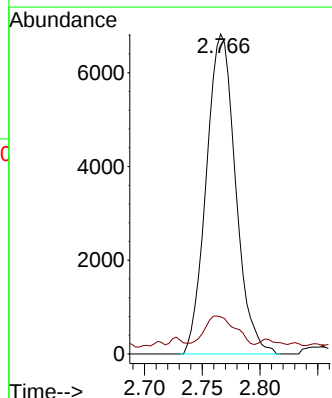
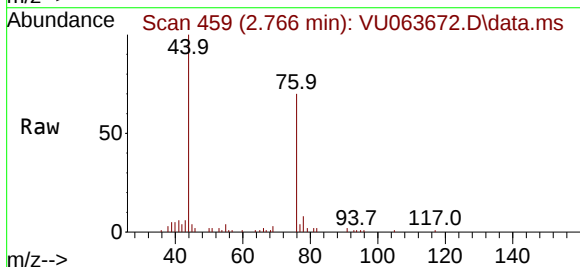
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

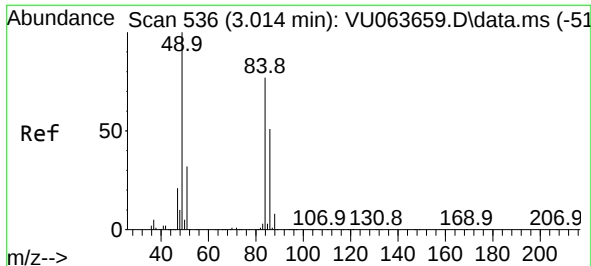
Tgt Ion: 43 Resp: 10745
Ion Ratio Lower Upper
43 100
58 35.8 25.2 37.8



#14
Carbon Disulfide
Concen: 0.259 ug/l
RT: 2.766 min Scan# 459
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 76 Resp: 12027
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3

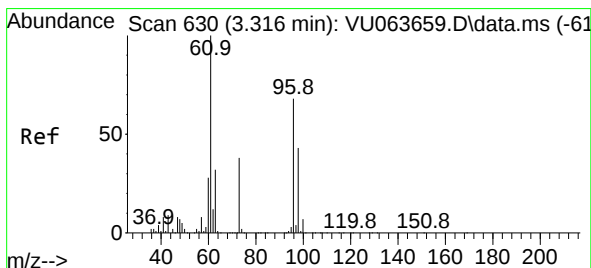
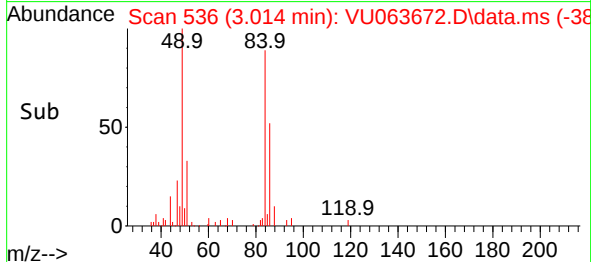
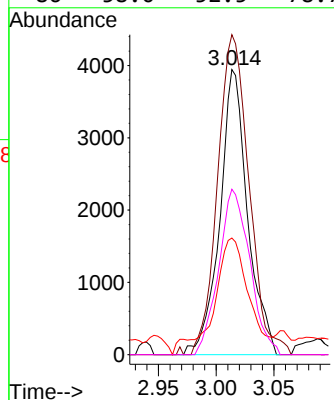
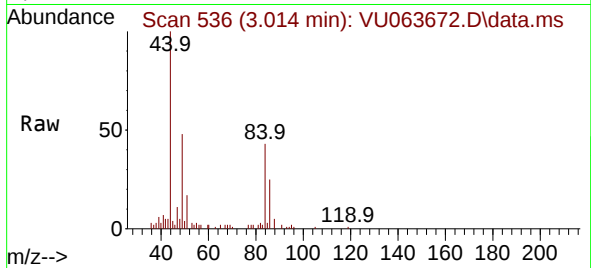




#15
Methylene Chloride
Concen: 0.311 ug/l
RT: 3.014 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

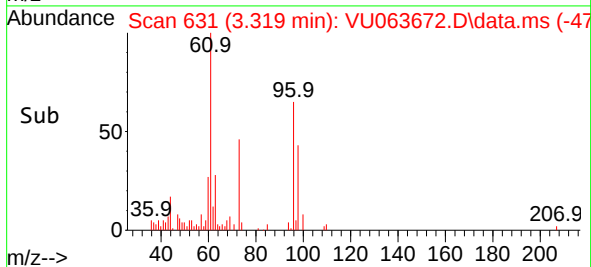
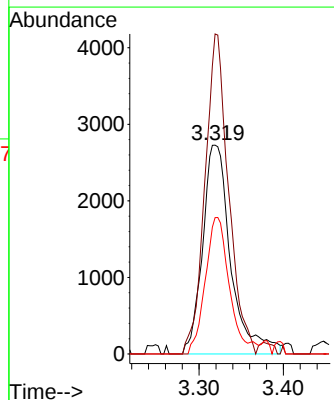
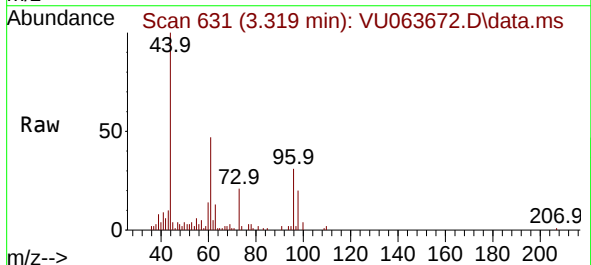
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

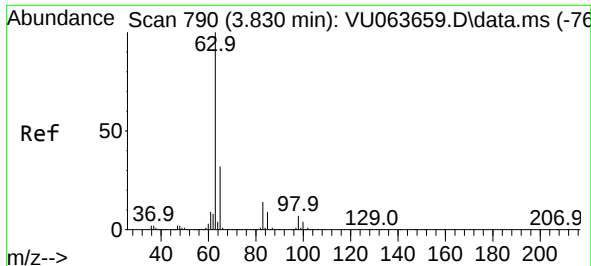
Tgt Ion:	84	Resp:	6588
Ion	Ratio	Lower	Upper
84	100		
49	109.5	103.4	155.0
51	35.5	0.0	81.6
86	58.0	52.5	78.7



#16
trans-1,2-Dichloroethene
Concen: 0.349 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:	96	Resp:	6336
Ion	Ratio	Lower	Upper
96	100		
61	153.3	117.4	176.2
98	65.3	49.9	74.9

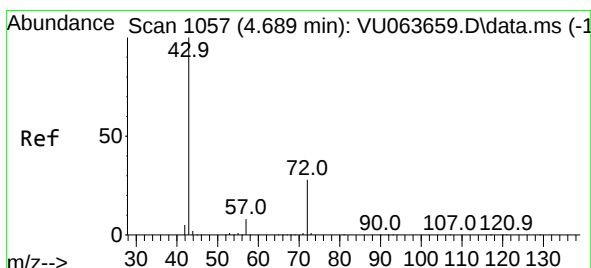
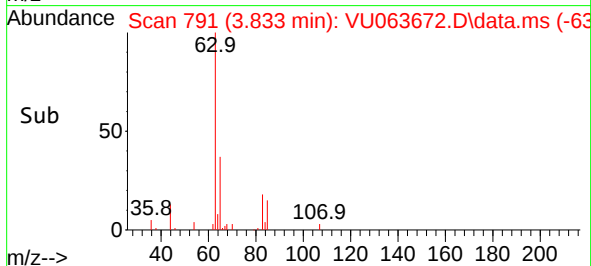
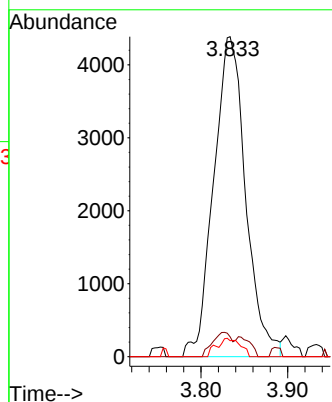
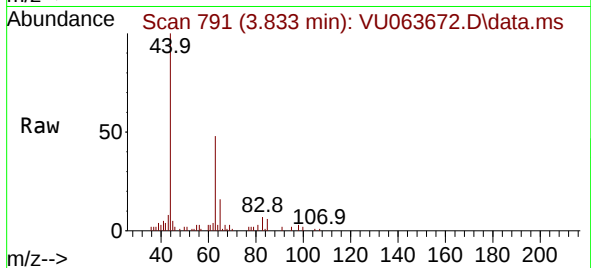




#17
1,1-Dichloroethane
Concen: 0.312 ug/l
RT: 3.833 min Scan# 791
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

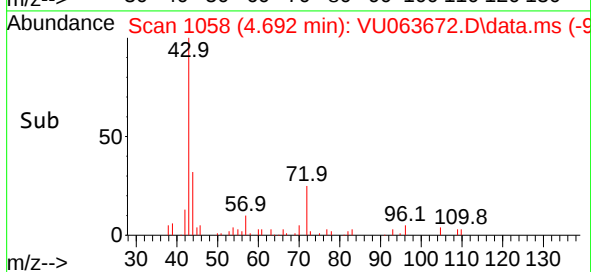
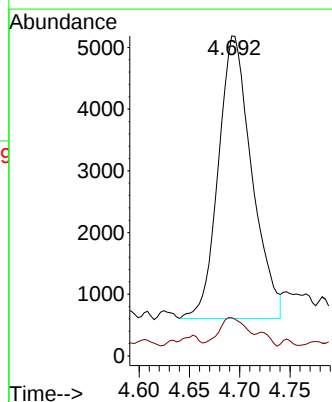
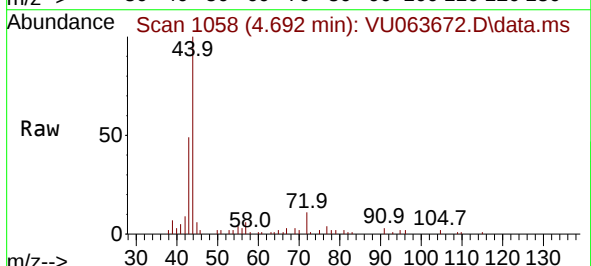
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

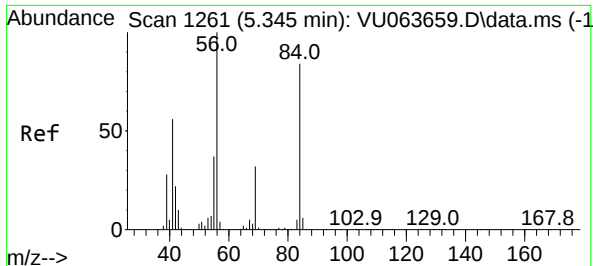
Tgt Ion: 63 Resp: 11243
Ion Ratio Lower Upper
63 100
98 6.2 3.5 10.5
100 5.0 2.2 6.6



#18
2-Butanone
Concen: 1.392 ug/l
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 43 Resp: 10631
Ion Ratio Lower Upper
43 100
57 9.4 0.0 16.6





#19

Cyclohexane

Concen: 0.285 ug/l

RT: 5.345 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

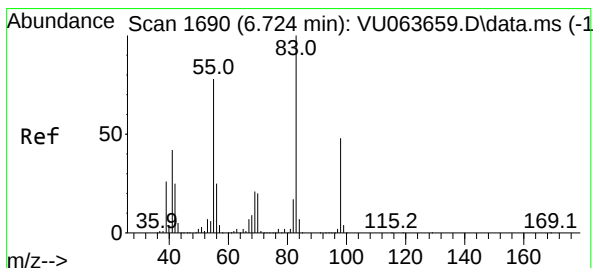
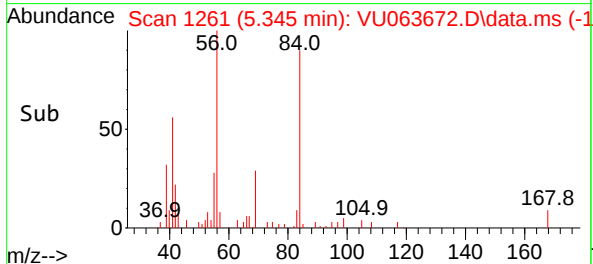
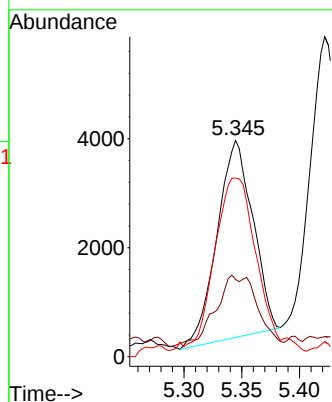
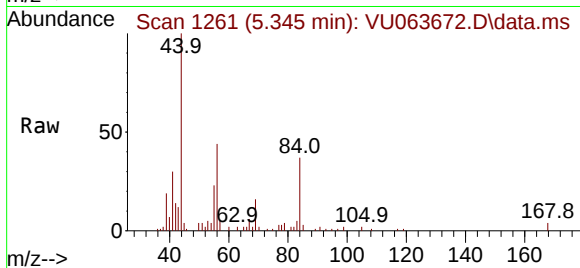
Tgt Ion: 56 Resp: 7827

Ion Ratio Lower Upper

56 100

69 24.6 27.1 40.7#

84 102.9 73.4 110.0



#20

Methylcyclohexane

Concen: 0.281 ug/l

RT: 6.727 min Scan# 1691

Delta R.T. 0.003 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

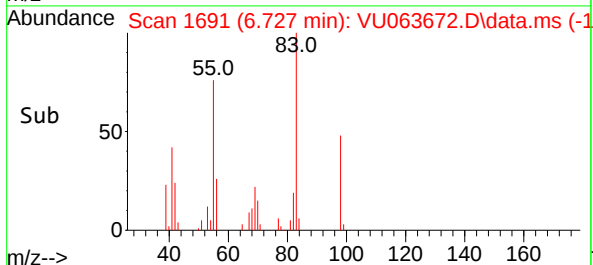
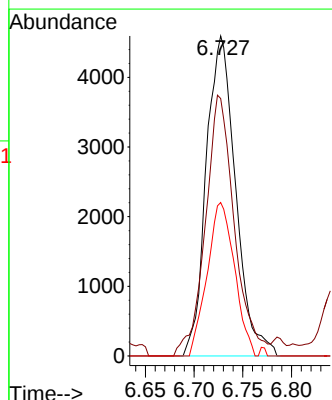
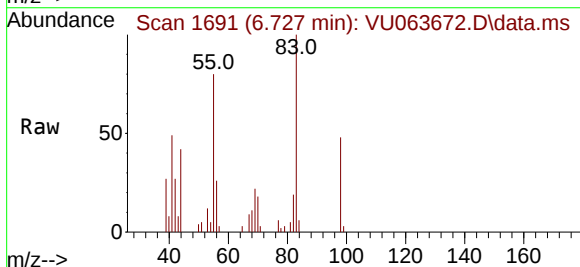
Tgt Ion: 83 Resp: 9631

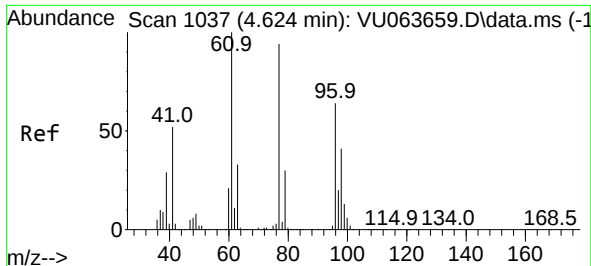
Ion Ratio Lower Upper

83 100

55 75.4 61.5 92.3

98 44.6 37.9 56.9





#21

2,2-Dichloropropane

Concen: 0.295 ug/l

RT: 4.624 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

Instrument :

MSVOA_U

ClientSampleId :

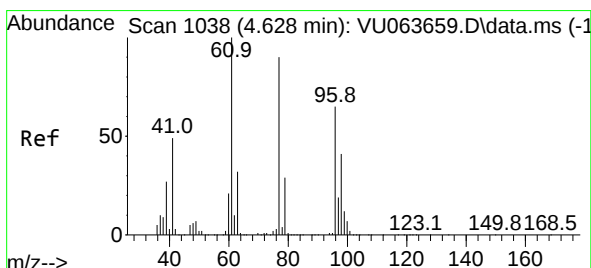
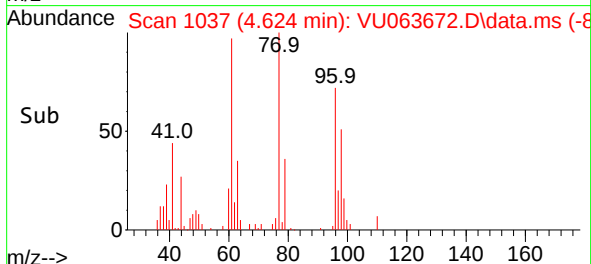
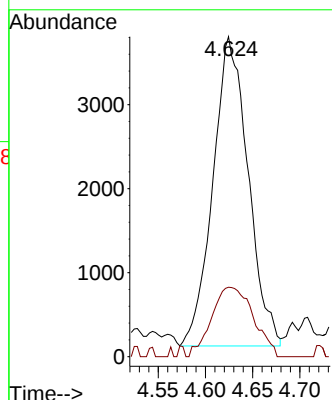
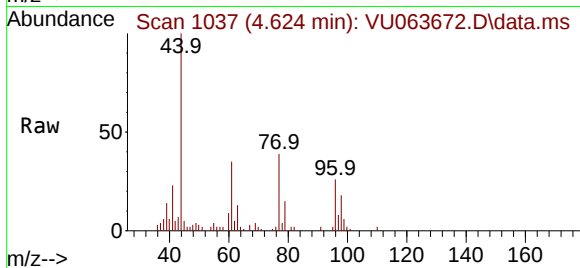
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 77 Resp: 9536

Ion Ratio Lower Upper

77 100

97 26.6 17.1 25.7#



#22

cis-1,2-Dichloroethene

Concen: 0.315 ug/l

RT: 4.631 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

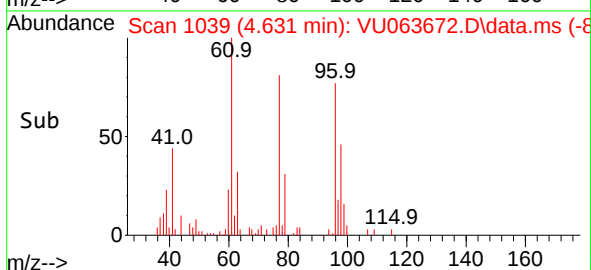
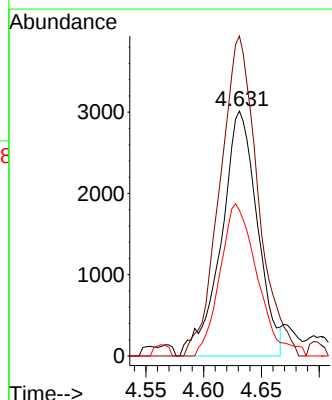
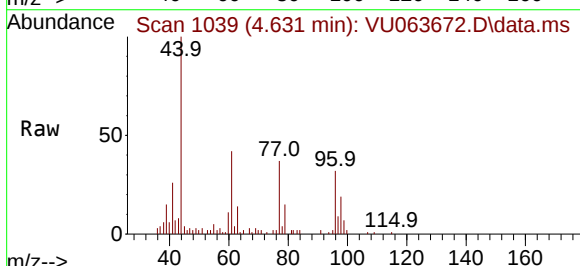
Tgt Ion: 96 Resp: 6520

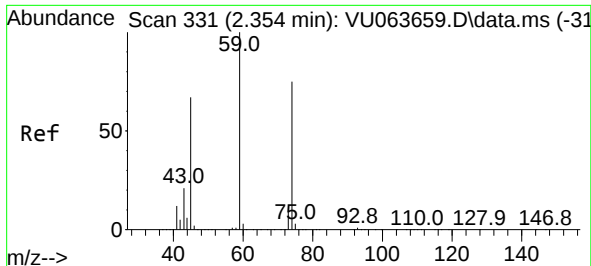
Ion Ratio Lower Upper

96 100

61 137.8 0.0 385.0

98 64.6 31.3 93.9

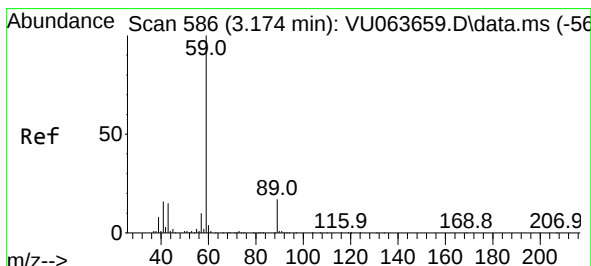
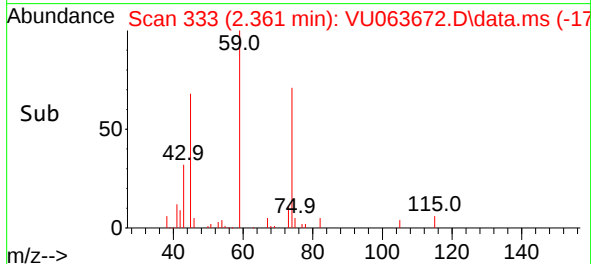
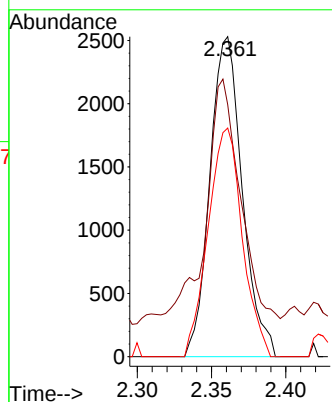
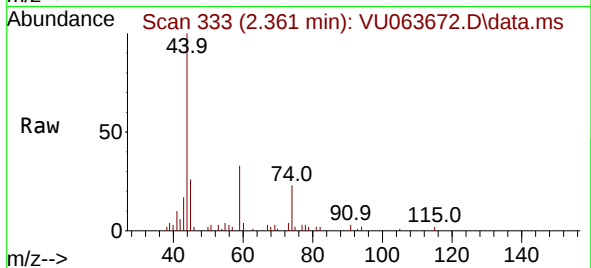




#23
Diethyl Ether
Concen: 0.284 ug/l
RT: 2.361 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

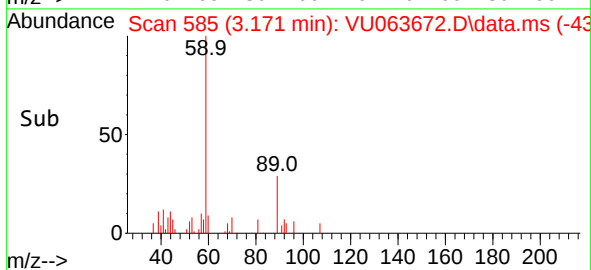
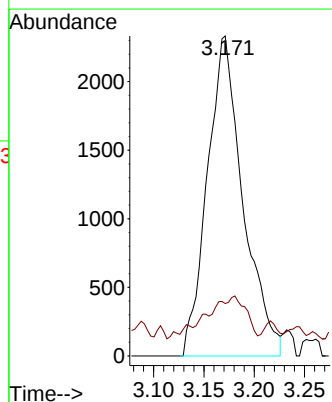
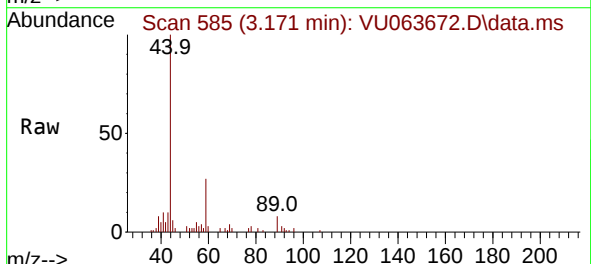
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

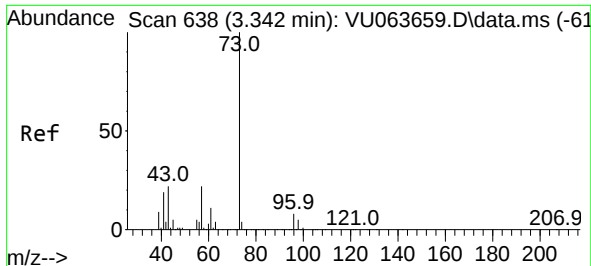
Tgt Ion: 59 Resp: 3838
Ion Ratio Lower Upper
59 100
45 77.9 52.6 78.8
74 75.4 59.4 89.2



#24
tert-Butyl Alcohol
Concen: 2.474 ug/l
RT: 3.171 min Scan# 585
Delta R.T. -0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 59 Resp: 5757
Ion Ratio Lower Upper
59 100
57 3.9 7.2 10.8#

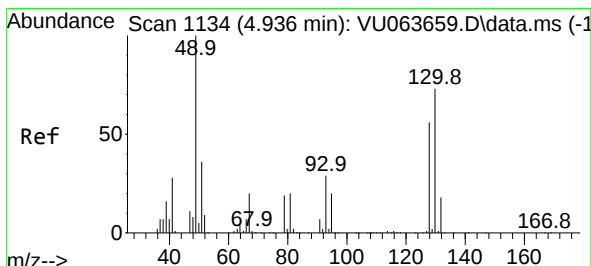
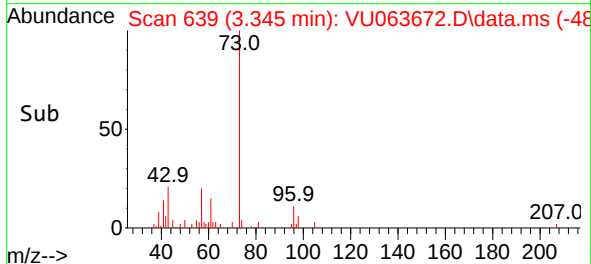
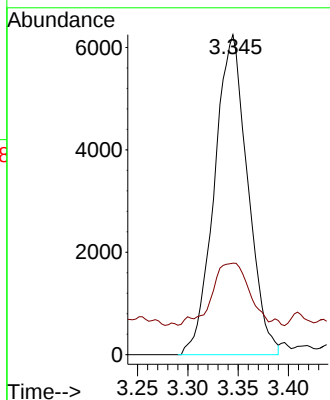
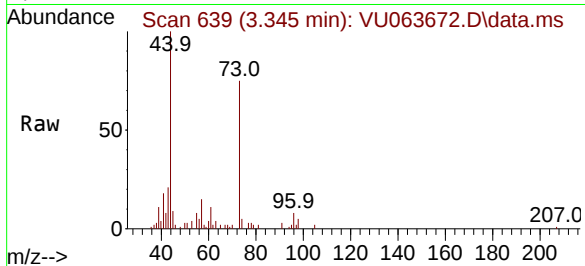




#25
Methyl tert-Butyl Ether
Concen: 0.298 ug/l
RT: 3.345 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

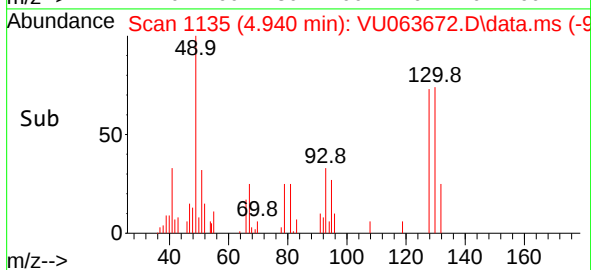
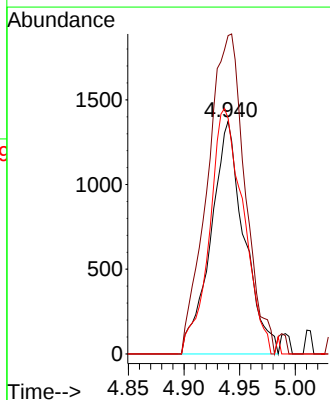
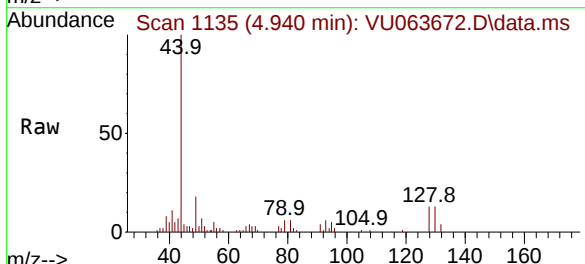
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

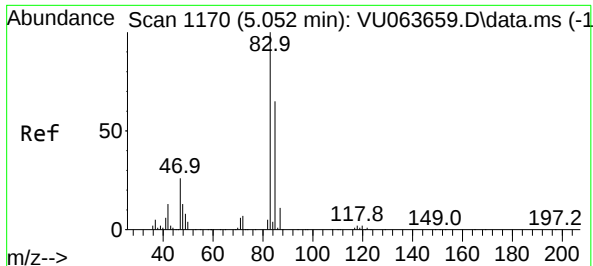
Tgt Ion: 73 Resp: 14369
Ion Ratio Lower Upper
73 100
43 21.6 17.4 26.0



#26
Bromochloromethane
Concen: 0.327 ug/l
RT: 4.940 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 128 Resp: 2855
Ion Ratio Lower Upper
128 100
49 155.4 0.0 349.6
130 107.4 102.7 154.1





#27

Chloroform

Concen: 0.285 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

Instrument :

MSVOA_U

ClientSampleId :

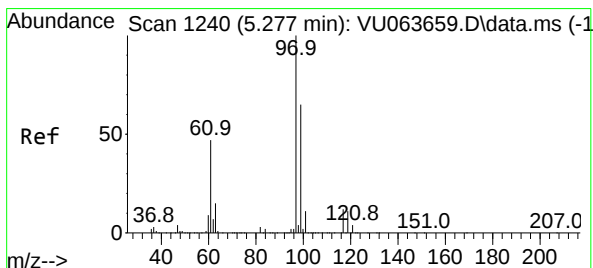
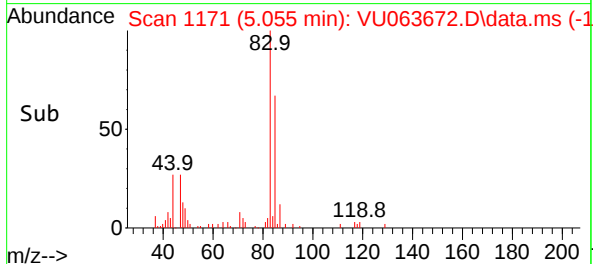
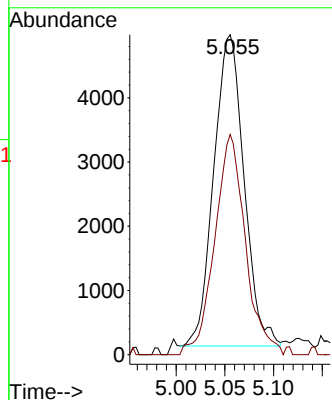
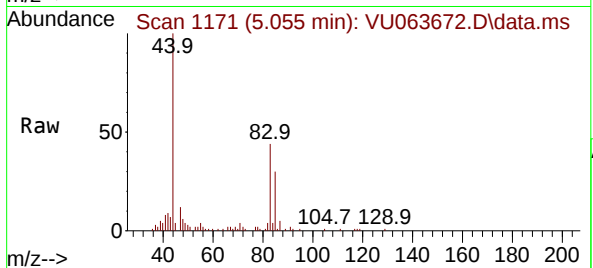
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 83 Resp: 10504

Ion Ratio Lower Upper

83 100

85 70.7 0.0 130.8



#28

1,1,1-Trichloroethane

Concen: 0.288 ug/l

RT: 5.277 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

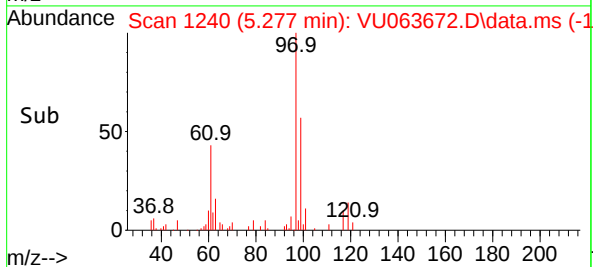
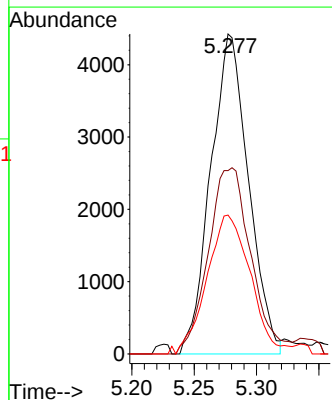
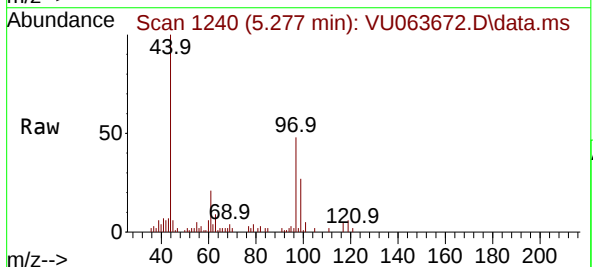
Tgt Ion: 97 Resp: 9362

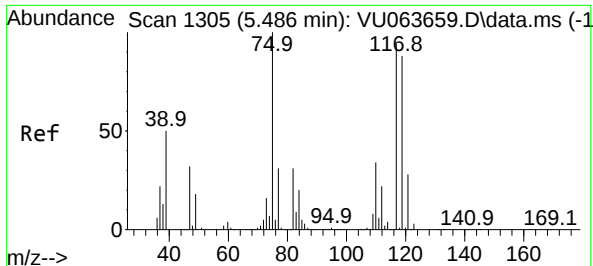
Ion Ratio Lower Upper

97 100

99 65.8 32.3 96.8

61 49.9 23.3 69.8





#29

1,1-Dichloropropene

Concen: 0.286 ug/l

RT: 5.486 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

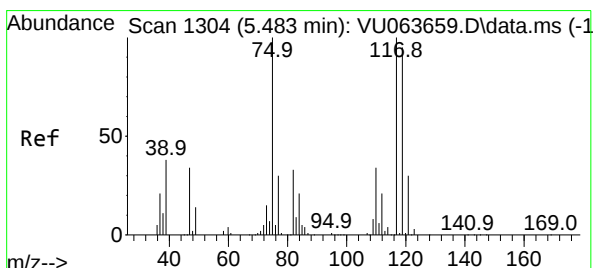
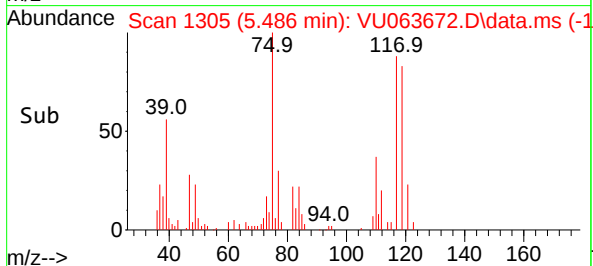
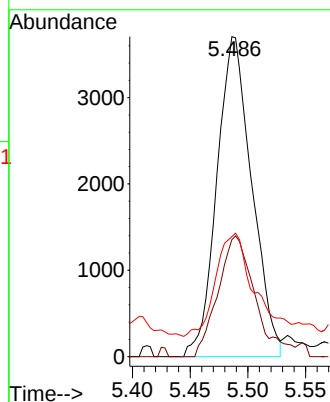
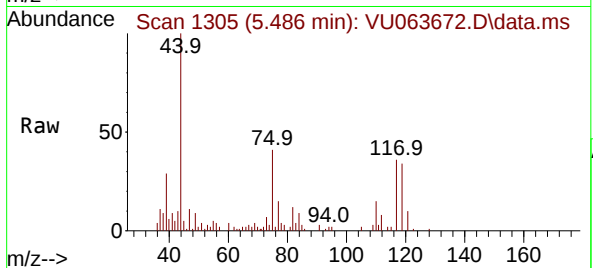
Tgt Ion: 75 Resp: 7809

Ion Ratio Lower Upper

75 100

110 39.9 17.2 51.5

77 35.8 24.5 36.7



#30

Carbon Tetrachloride

Concen: 0.283 ug/l

RT: 5.489 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

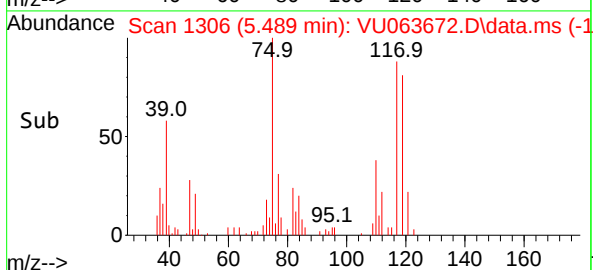
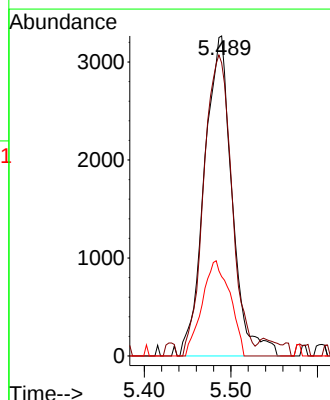
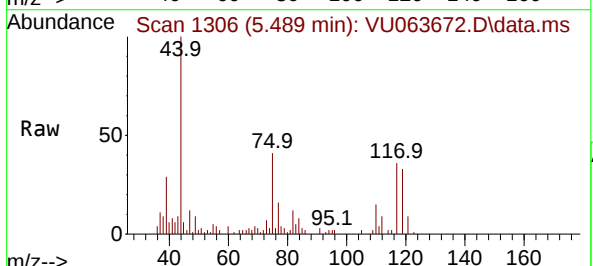
Tgt Ion: 117 Resp: 7262

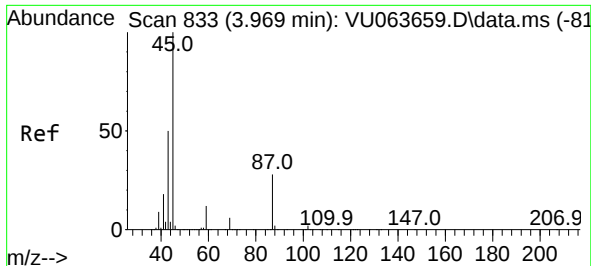
Ion Ratio Lower Upper

117 100

119 91.6 75.7 113.5

121 24.8 23.8 35.6

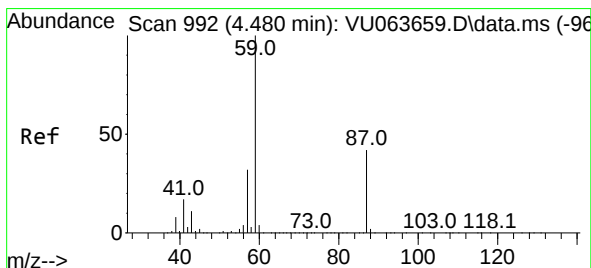
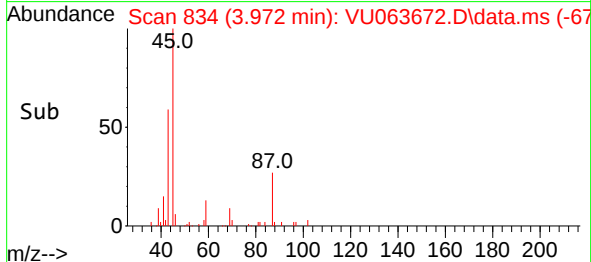
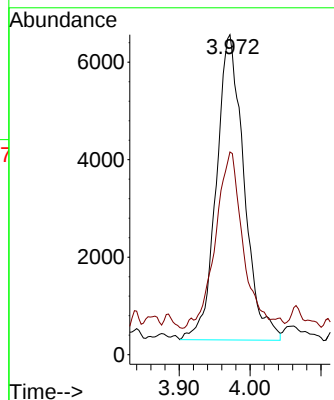
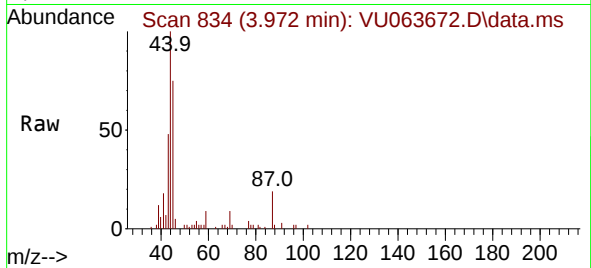




#31
Isopropyl Ether
Concen: 0.298 ug/l
RT: 3.972 min Scan# 834
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

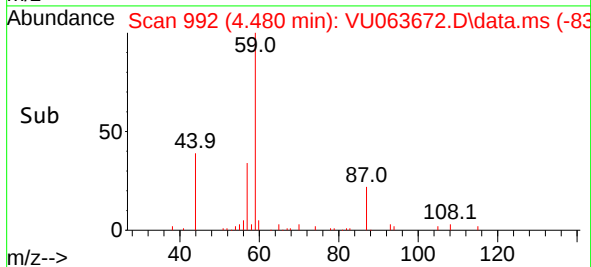
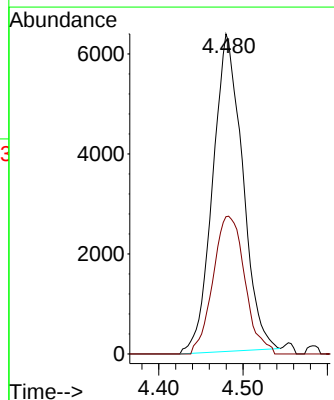
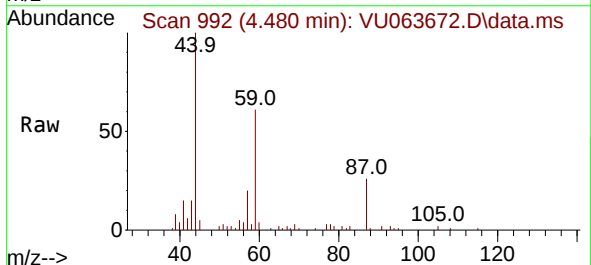
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

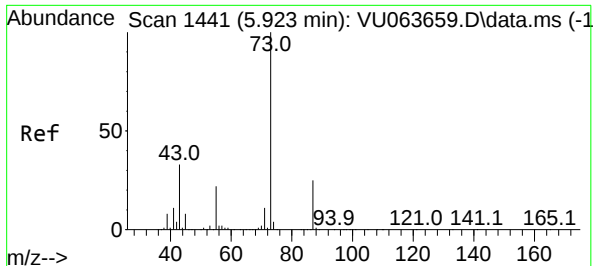
Tgt Ion: 45 Resp: 16997
Ion Ratio Lower Upper
45 100
43 56.9 25.3 75.9



#32
Ethyl-t-butyl ether
Concen: 0.284 ug/l
RT: 4.480 min Scan# 992
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 59 Resp: 15603
Ion Ratio Lower Upper
59 100
87 46.2 33.0 49.6

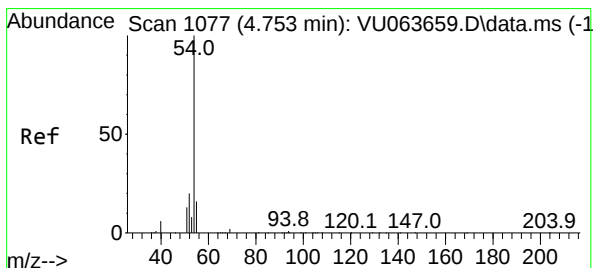
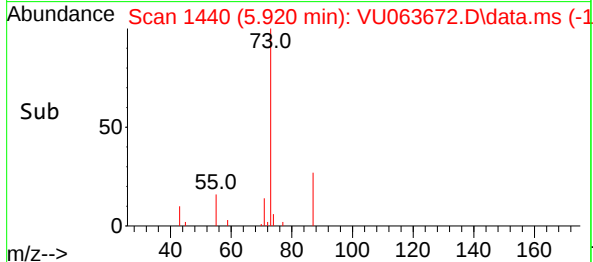
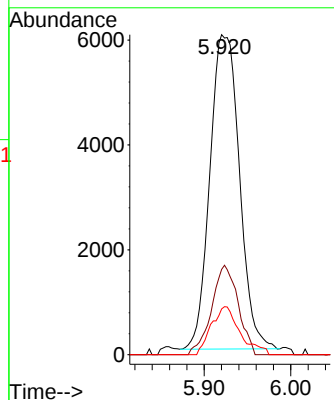
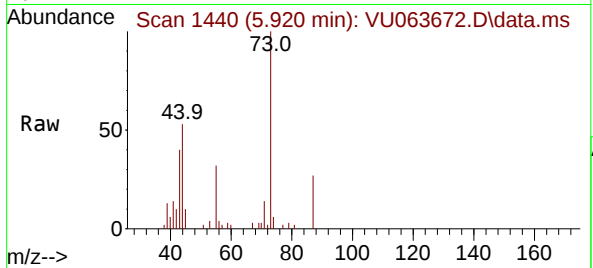




#33
Tert-Amyl methyl ether
Concen: 0.297 ug/l
RT: 5.920 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

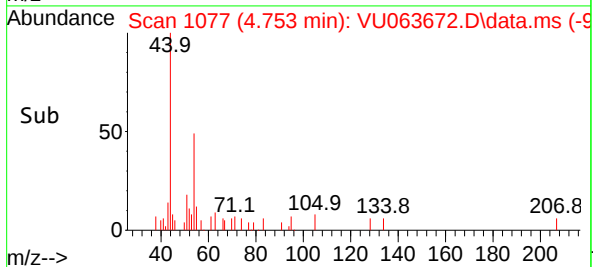
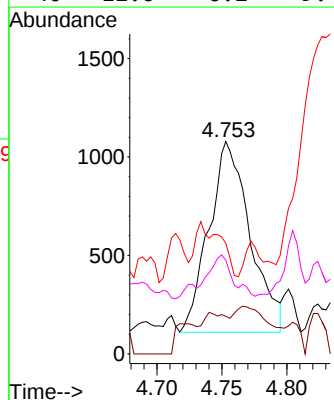
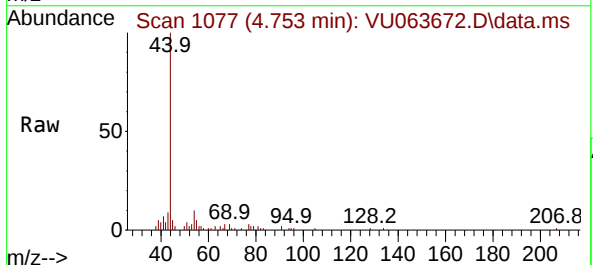
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

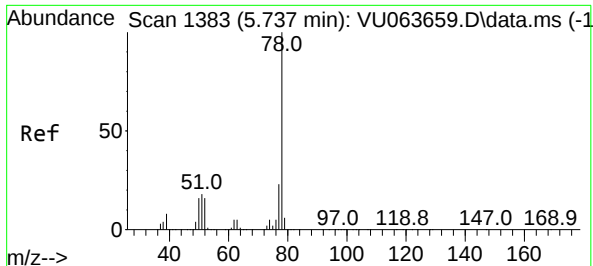
Tgt Ion: 73	Resp: 14213		
Ion Ratio	Lower	Upper	
73	100		
87	25.4	20.0	30.0
71	14.8	9.0	13.4#



#34
Propionitrile
Concen: 1.432 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 54	Resp: 2137
Ion Ratio	Lower Upper
54 100	
52 10.4	15.8 23.6#
55 8.1	11.3 16.9#
40 12.6	6.2 9.4#

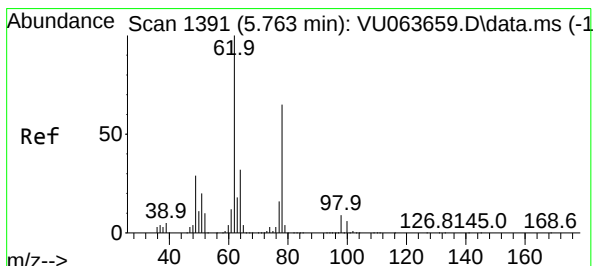
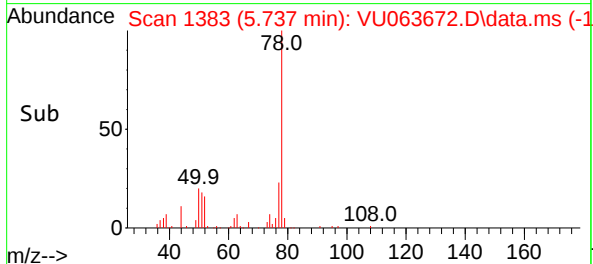
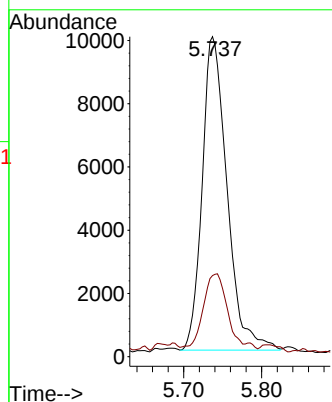
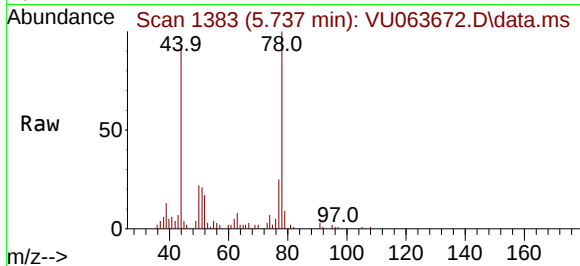




#35
Benzene
Concen: 0.286 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

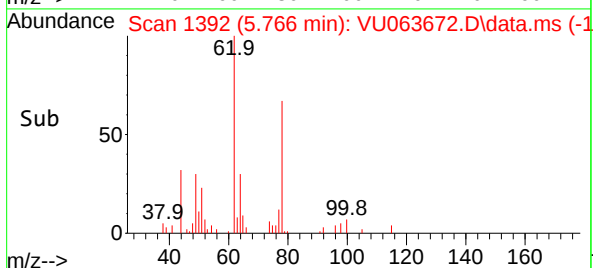
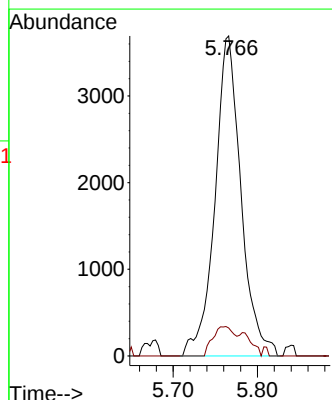
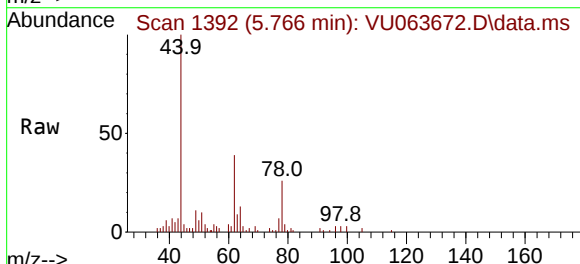
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

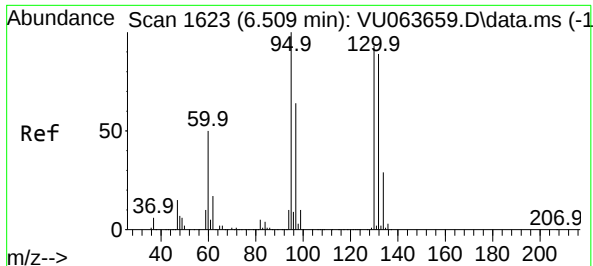
Tgt Ion: 78 Resp: 21979
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5



#36
1,2-Dichloroethane
Concen: 0.321 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 62 Resp: 7913
Ion Ratio Lower Upper
62 100
98 7.6 6.8 10.2





#37

Trichloroethene

Concen: 0.295 ug/l

RT: 6.515 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

Instrument :

MSVOA_U

ClientSampleId :

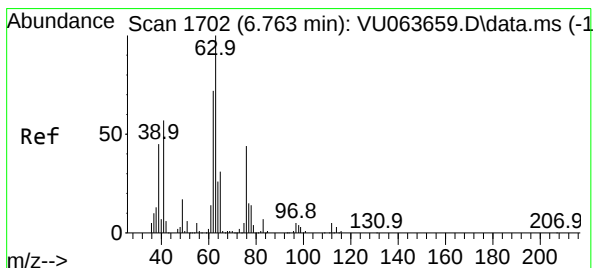
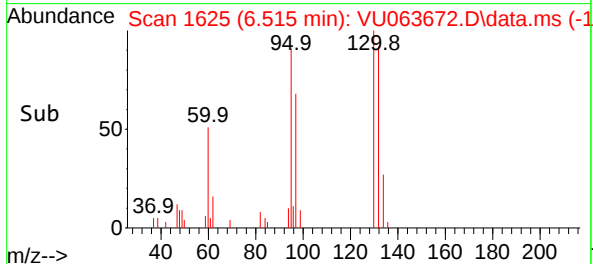
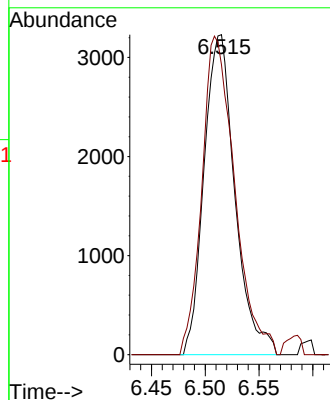
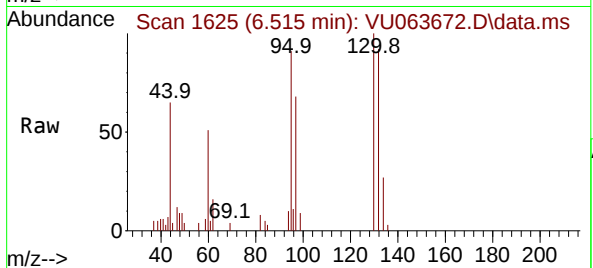
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:130 Resp: 6454

Ion Ratio Lower Upper

130 100

95 90.6 86.0 129.0



#38

1,2-Dichloropropane

Concen: 0.270 ug/l

RT: 6.766 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VU063672.D

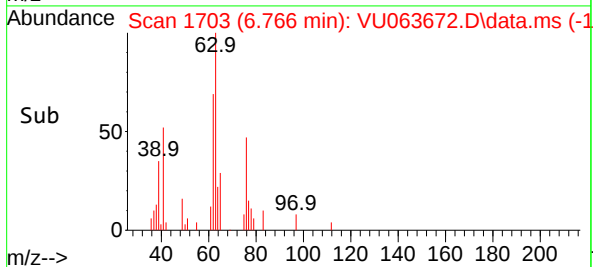
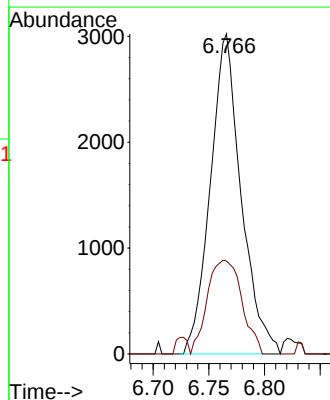
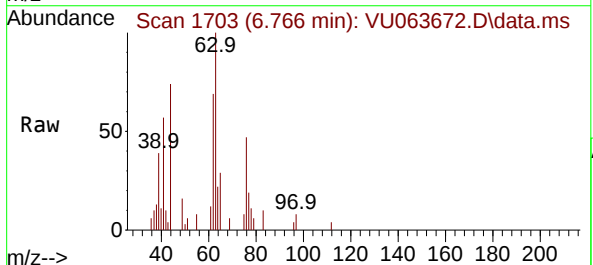
Acq: 05 Nov 2025 14:57

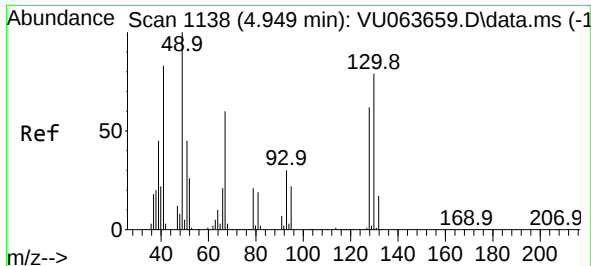
Tgt Ion: 63 Resp: 5810

Ion Ratio Lower Upper

63 100

65 29.0 24.5 36.7





#39

Methacrylonitrile

Concen: 0.296 ug/l

RT: 4.952 min Scan# 1139

Delta R.T. 0.003 min

Lab File: VU063672.D

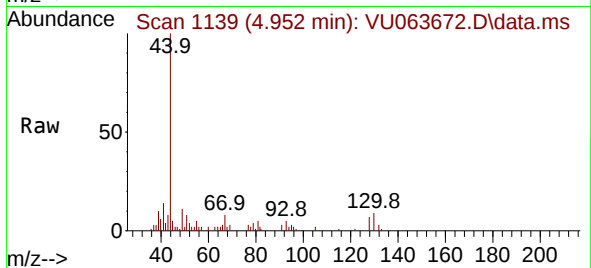
Acq: 05 Nov 2025 14:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 41 Resp: 2202

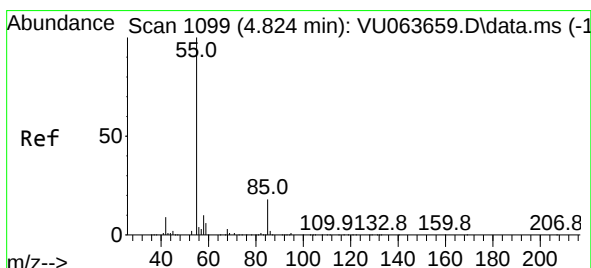
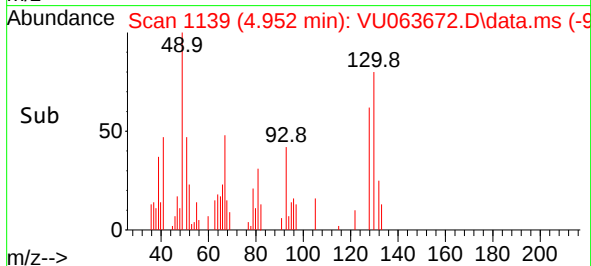
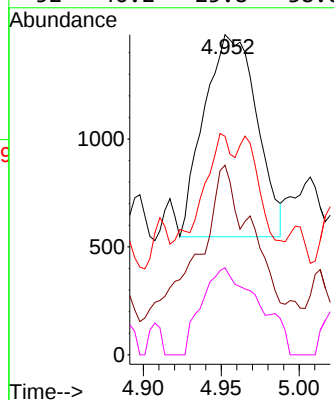
Ion Ratio Lower Upper

41 100

67 77.7 61.4 92.2

39 27.5 46.5 69.7#

52 46.2 25.8 38.6#



#40

Methyl acrylate

Concen: 0.298 ug/l

RT: 4.833 min Scan# 1102

Delta R.T. 0.010 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

Tgt Ion: 55 Resp: 3213

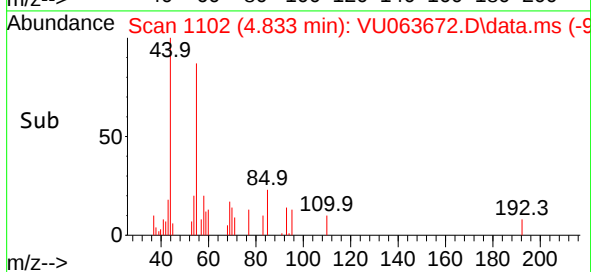
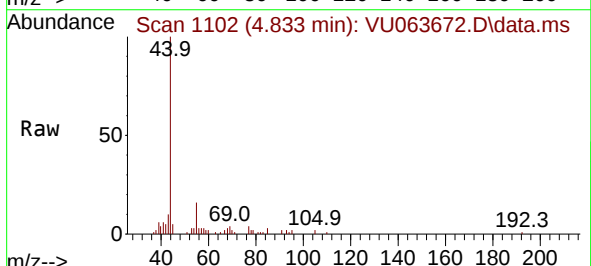
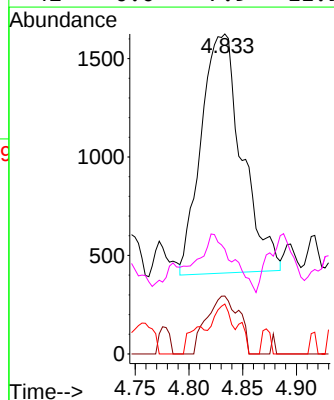
Ion Ratio Lower Upper

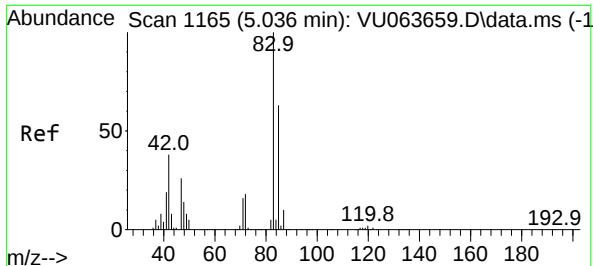
55 100

85 19.1 15.3 22.9

58 4.1 7.7 11.5#

42 0.0 7.9 11.9#

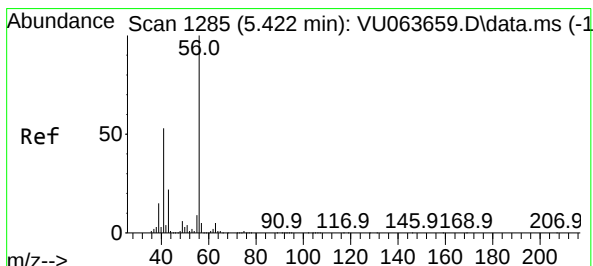
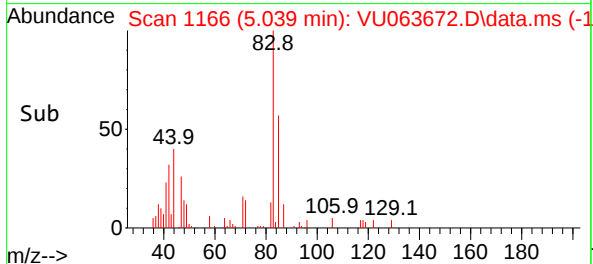
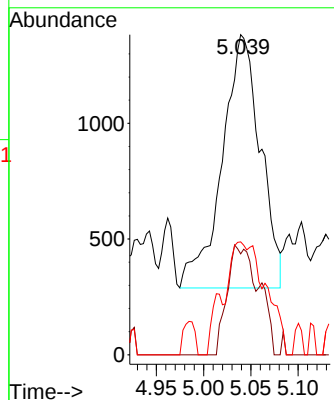
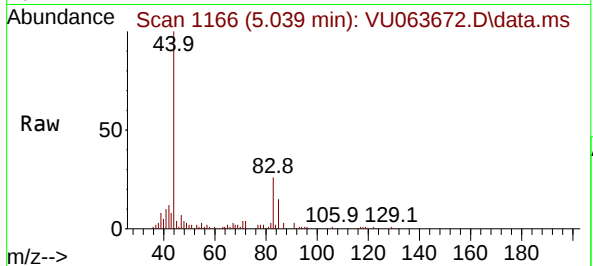




#41
Tetrahydrofuran
Concen: 0.923 ug/l
RT: 5.039 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

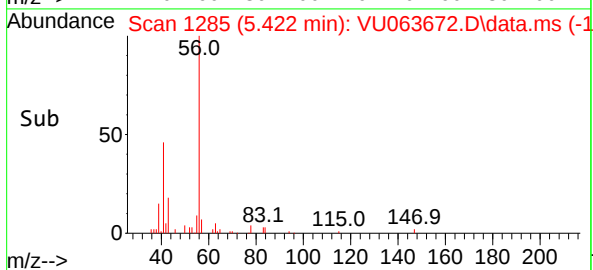
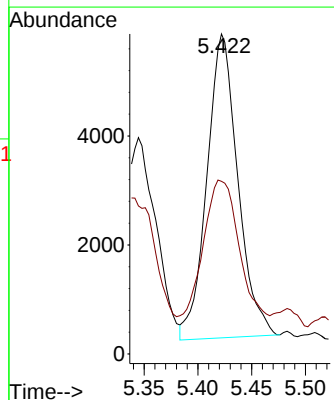
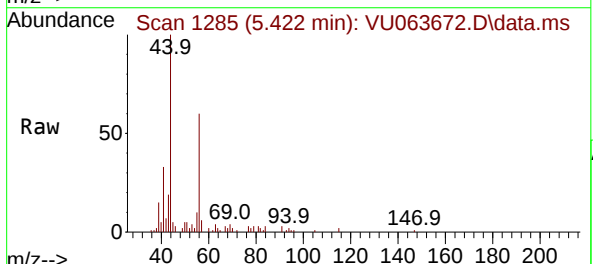
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

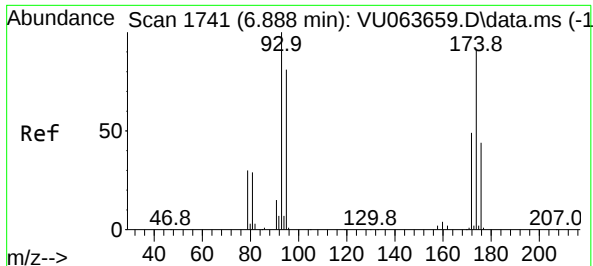
Tgt Ion: 42 Resp: 3084
Ion Ratio Lower Upper
42 100
72 28.0 40.5 60.7#
71 42.5 35.0 52.6



#42
1-Chlorobutane
Concen: 0.305 ug/l
RT: 5.422 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 56 Resp: 11148
Ion Ratio Lower Upper
56 100
41 50.4 25.9 77.6

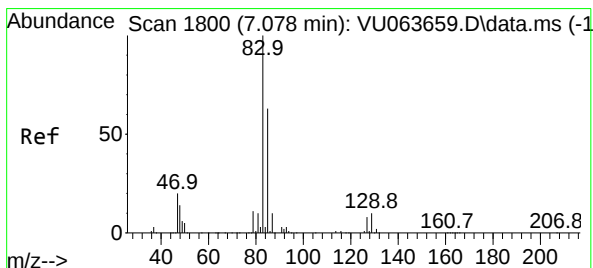
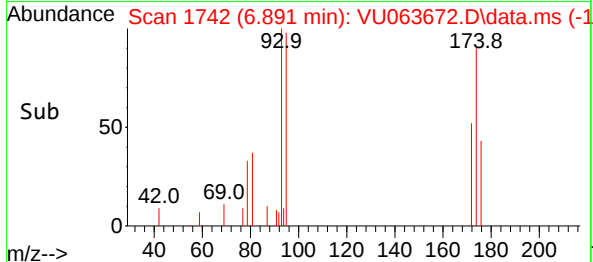
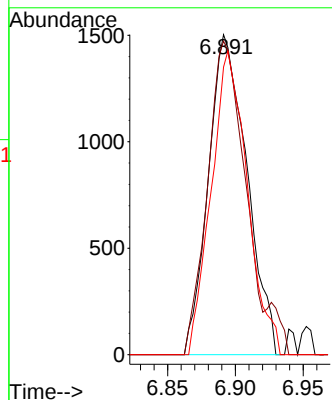
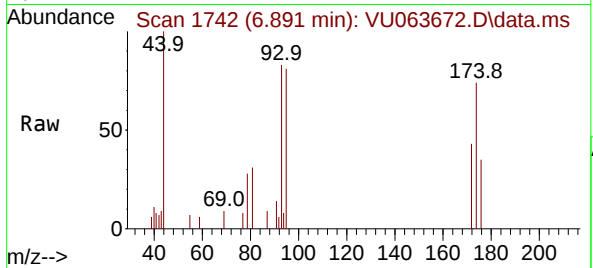




#43
Dibromomethane
Concen: 0.266 ug/l
RT: 6.891 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

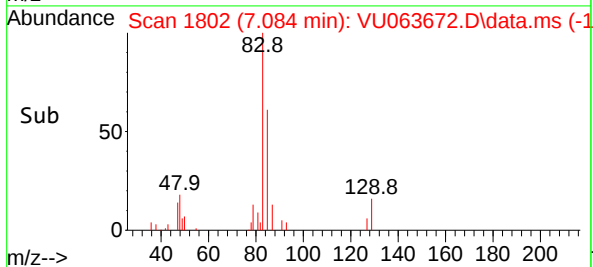
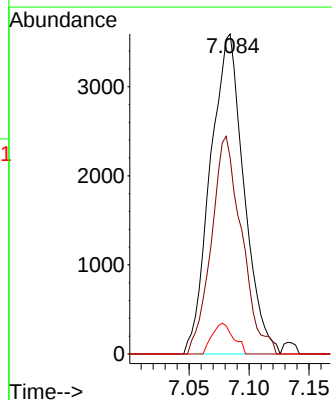
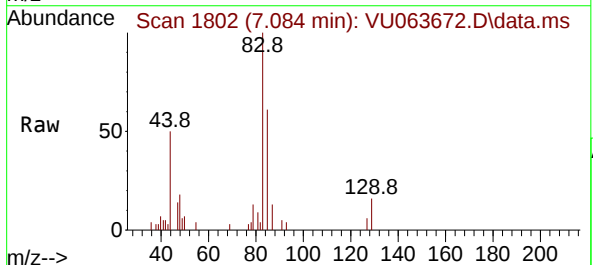
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

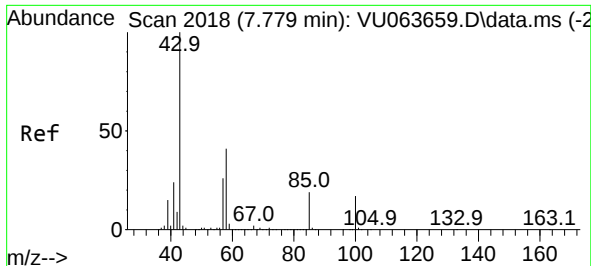
Tgt Ion: 93 Resp: 2961
Ion Ratio Lower Upper
93 100
95 94.7 64.6 97.0
174 89.0 73.8 110.8



#44
Bromodichloromethane
Concen: 0.257 ug/l
RT: 7.084 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 83 Resp: 6982
Ion Ratio Lower Upper
83 100
85 61.4 50.5 75.7
127 6.5 6.4 9.6

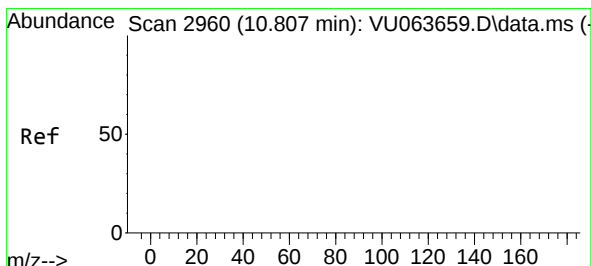
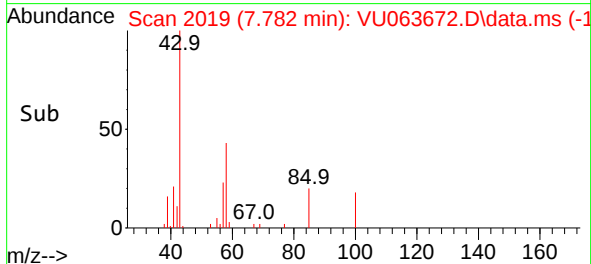
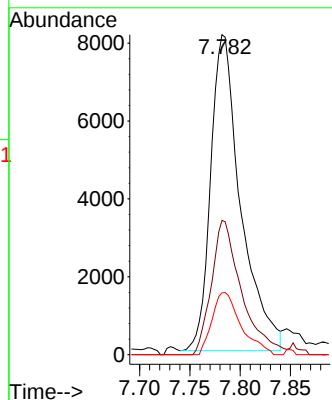
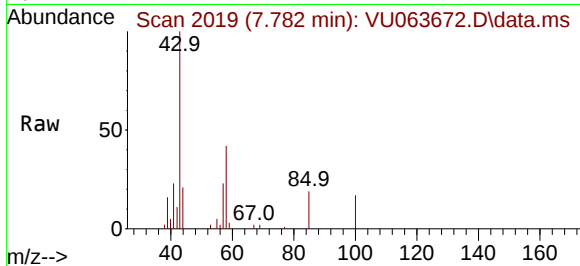




#45
4-Methyl-2-Pentanone
Concen: 1.258 ug/l
RT: 7.782 min Scan# 2018
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

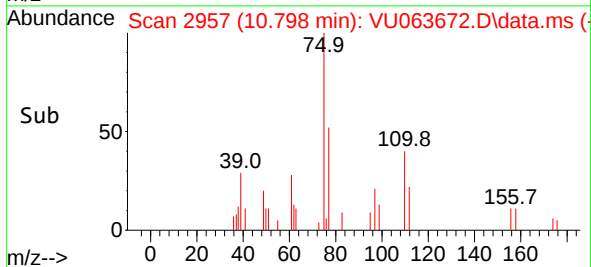
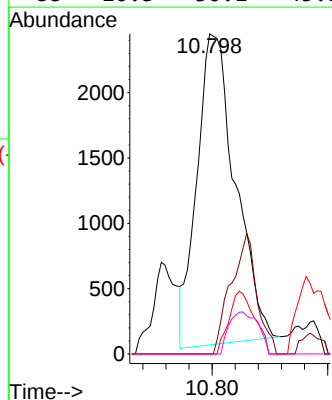
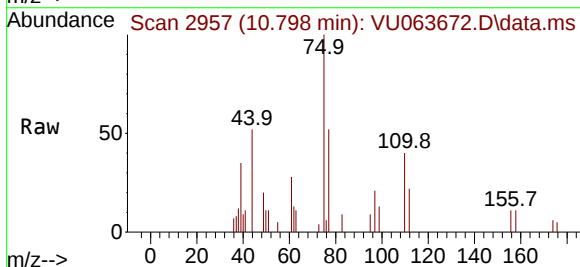
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

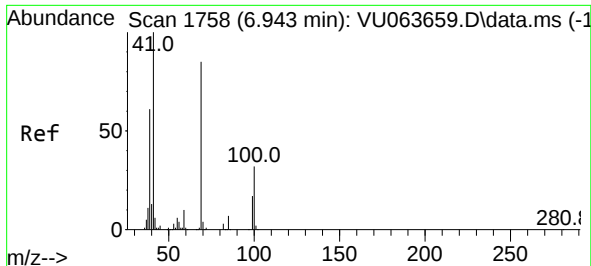
Tgt Ion:	43	Resp:	16873
Ion	Ratio	Lower	Upper
43	100		
58	42.6	20.2	60.5
85	18.9	15.0	22.6



#46
t-1,4-Dichloro-2-butene
Concen: 1.179 ug/l
RT: 10.798 min Scan# 2957
Delta R.T. -0.010 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:	75	Resp:	5484
Ion	Ratio	Lower	Upper
75	100		
53	26.1	57.2	85.8#
89	13.5	37.9	56.9#
88	10.3	30.1	45.1#





#47

Methyl methacrylate

Concen: 0.528 ug/l

RT: 6.952 min Scan# 1761

Delta R.T. 0.010 min

Lab File: VU063672.D

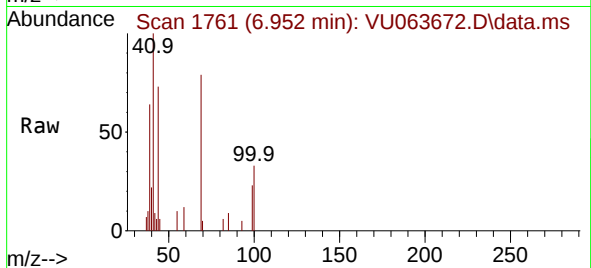
Acq: 05 Nov 2025 14:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 69 Resp: 5409

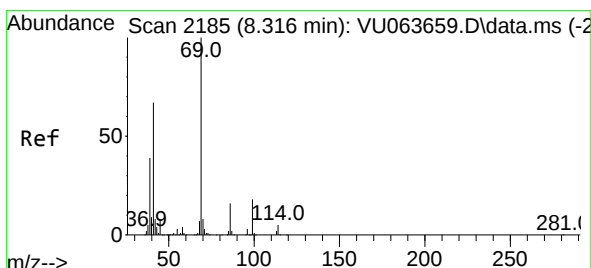
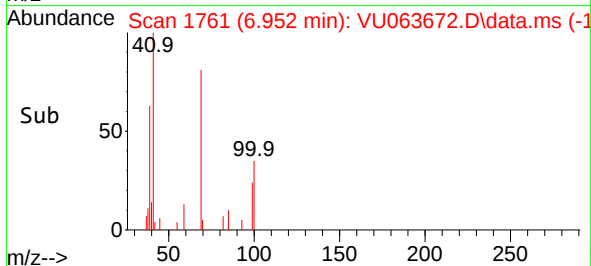
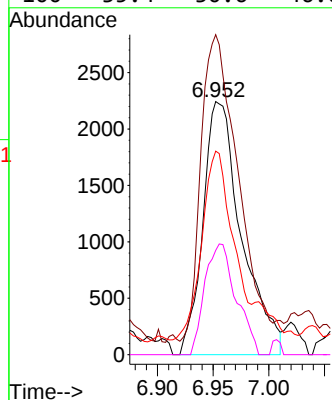
Ion Ratio Lower Upper

69 100

41 115.2 0.0 228.2

39 60.0 56.2 84.4

100 35.4 30.6 46.0



#48

Ethyl methacrylate

Concen: 0.282 ug/l

RT: 8.322 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VU063672.D

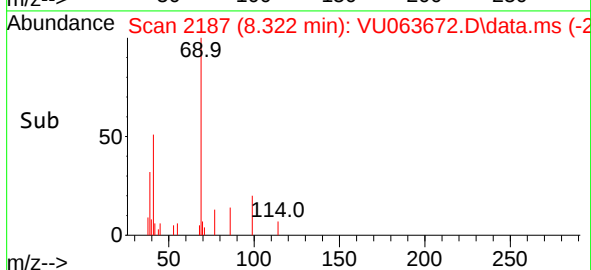
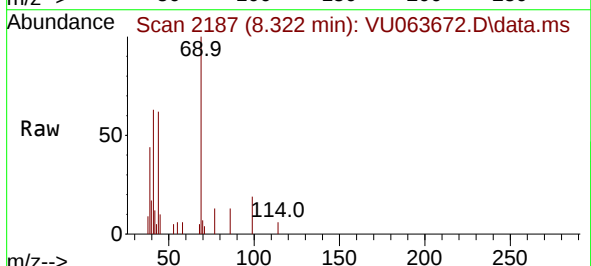
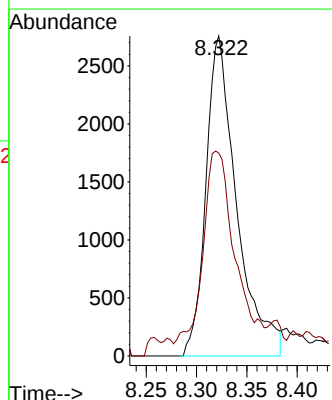
Acq: 05 Nov 2025 14:57

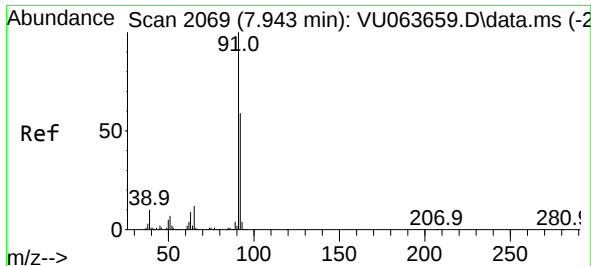
Tgt Ion: 69 Resp: 5867

Ion Ratio Lower Upper

69 100

41 63.3 32.8 98.3





#49

Toluene

Concen: 0.281 ug/l

RT: 7.946 min Scan# 2069

Delta R.T. 0.003 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

Instrument :

MSVOA_U

ClientSampleId :

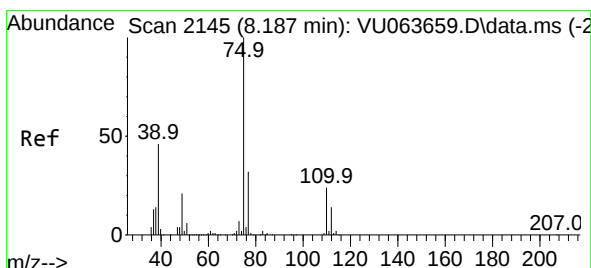
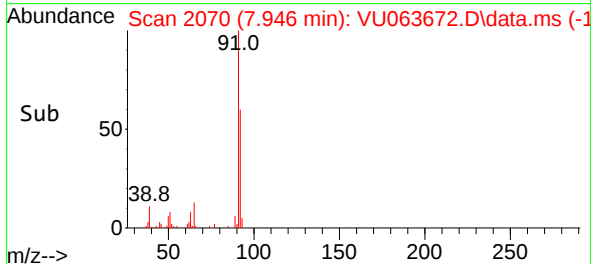
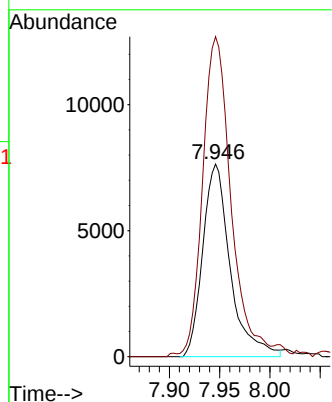
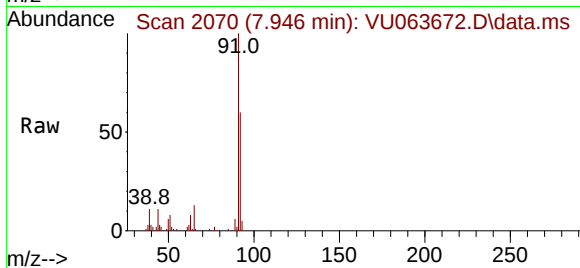
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 92 Resp: 14554

Ion Ratio Lower Upper

92 100

91 170.6 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 0.244 ug/l

RT: 8.190 min Scan# 2146

Delta R.T. 0.003 min

Lab File: VU063672.D

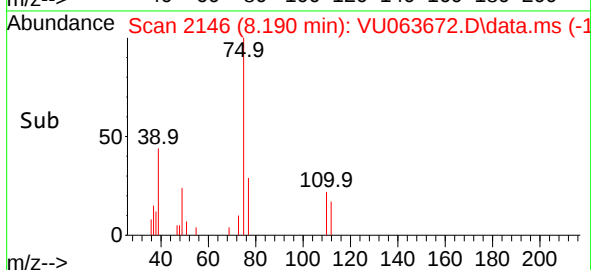
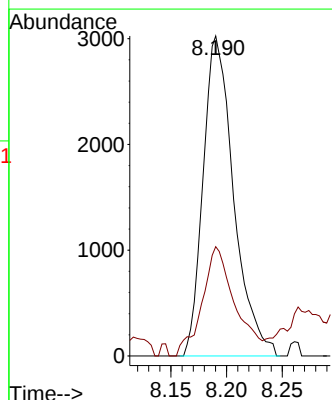
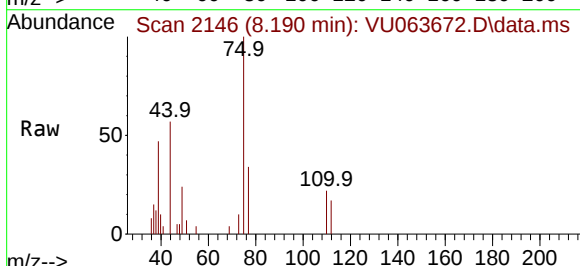
Acq: 05 Nov 2025 14:57

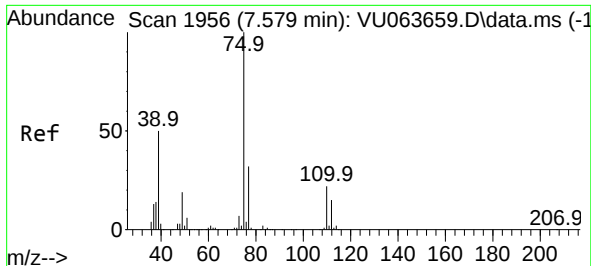
Tgt Ion: 75 Resp: 5775

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6

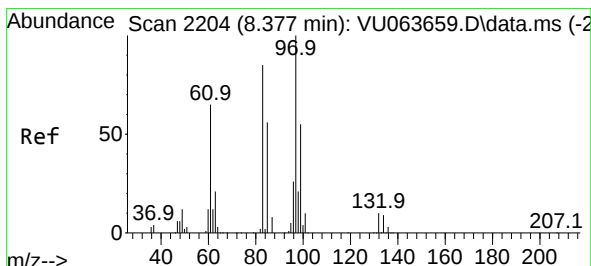
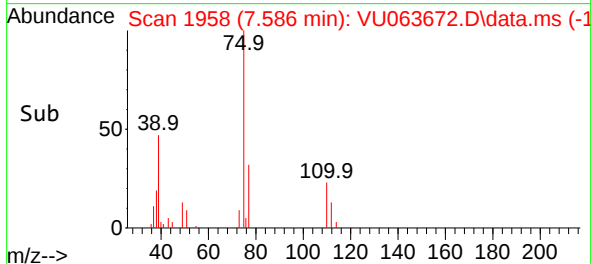
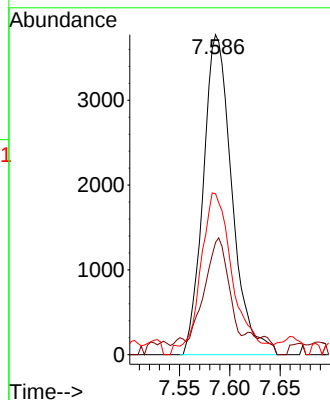
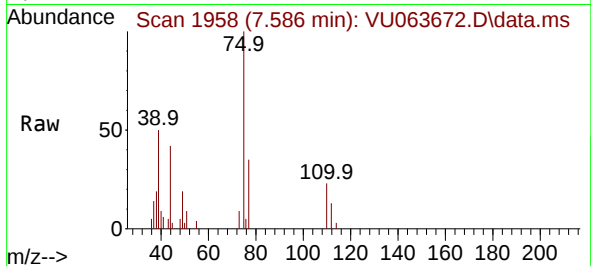




#51
 cis-1,3-Dichloropropene
 Concen: 0.253 ug/l
 RT: 7.586 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VU063672.D
 Acq: 05 Nov 2025 14:57

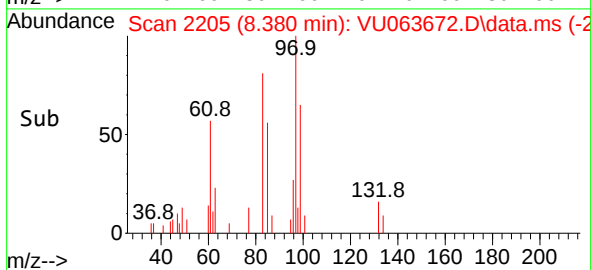
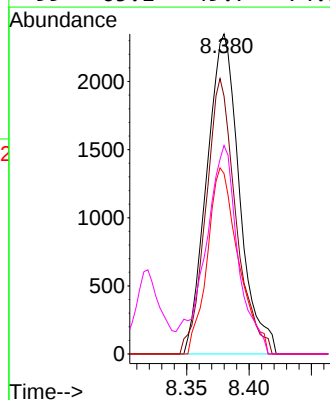
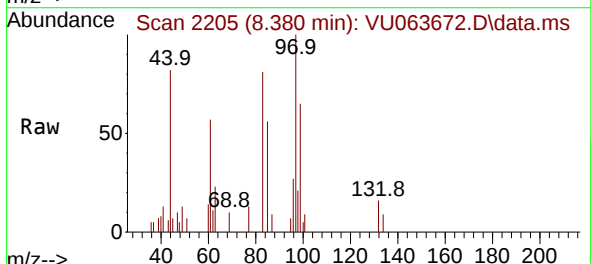
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT4-2025

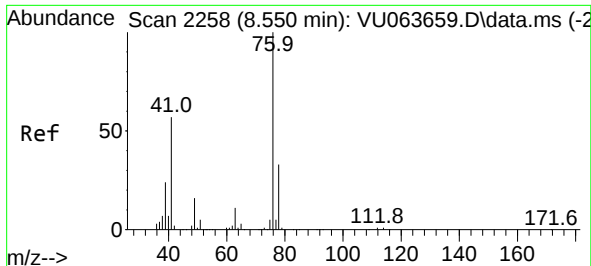
Tgt Ion:	75	Resp:	7490
Ion	Ratio	Lower	Upper
75	100		
77	35.1	25.5	38.3
39	47.7	39.9	59.9



#52
 1,1,2-Trichloroethane
 Concen: 0.283 ug/l
 RT: 8.380 min Scan# 2205
 Delta R.T. 0.003 min
 Lab File: VU063672.D
 Acq: 05 Nov 2025 14:57

Tgt Ion:	97	Resp:	4280
Ion	Ratio	Lower	Upper
97	100		
83	80.5	68.3	102.5
85	56.4	45.3	67.9
99	65.1	49.7	74.5





#53

1,3-Dichloropropane

Concen: 0.275 ug/l

RT: 8.554 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

Instrument :

MSVOA_U

ClientSampleId :

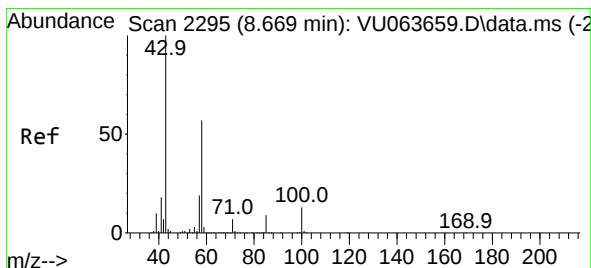
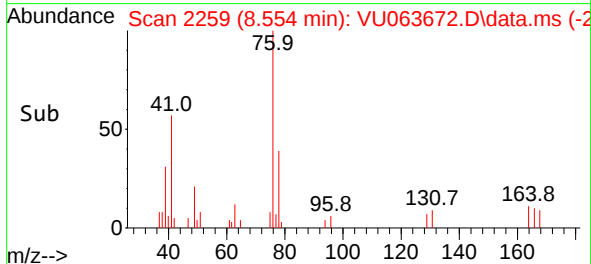
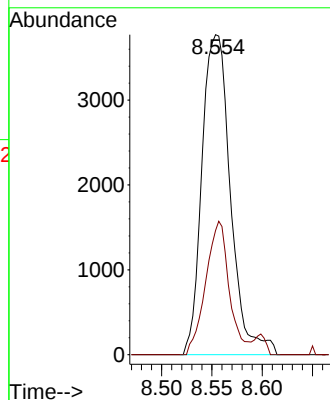
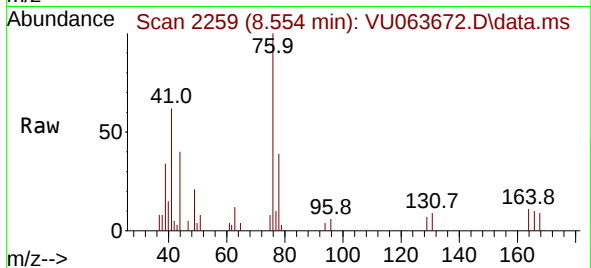
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 76 Resp: 7441

Ion Ratio Lower Upper

76 100

78 34.7 25.8 38.6



#54

2-Hexanone

Concen: 1.327 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.013 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

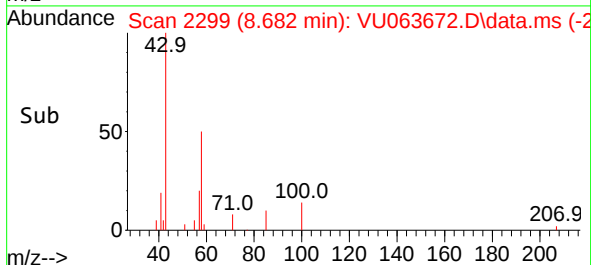
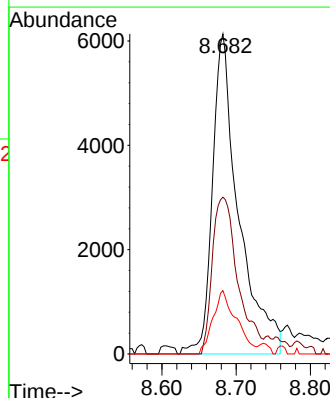
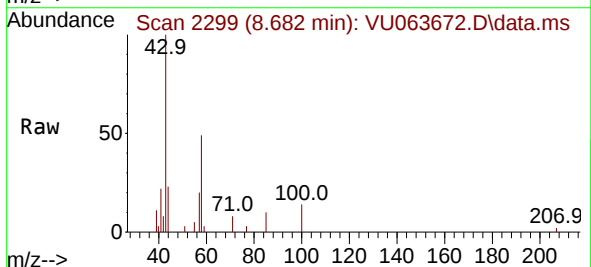
Tgt Ion: 43 Resp: 15033

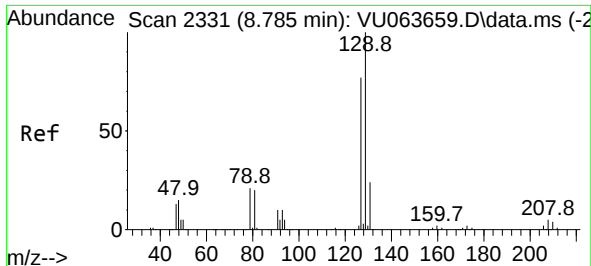
Ion Ratio Lower Upper

43 100

58 47.9 36.3 76.3

57 17.8 0.0 39.7

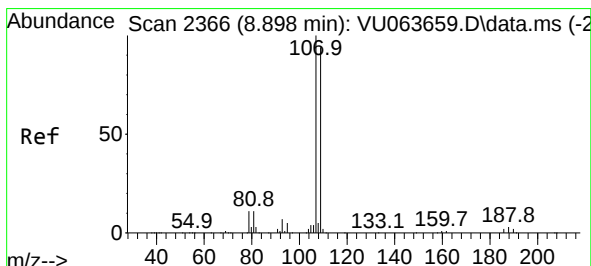
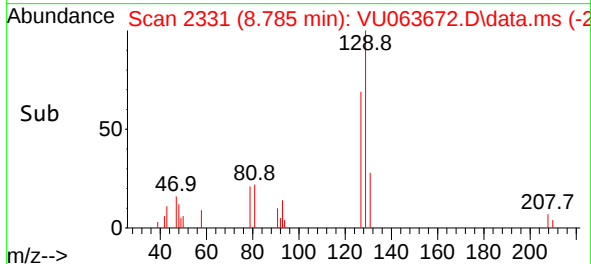
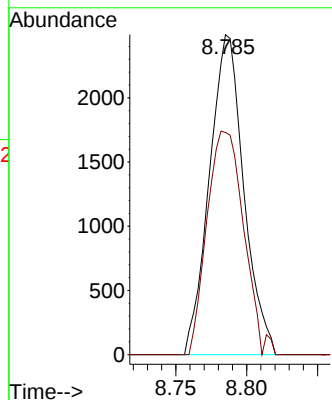
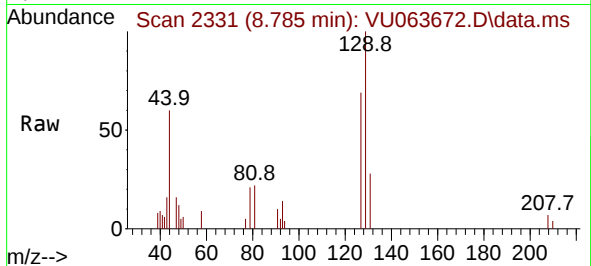




#55
Dibromochloromethane
Concen: 0.236 ug/l
RT: 8.785 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

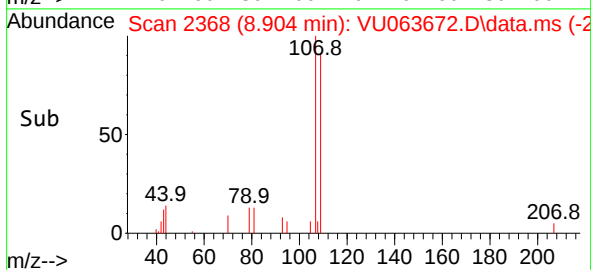
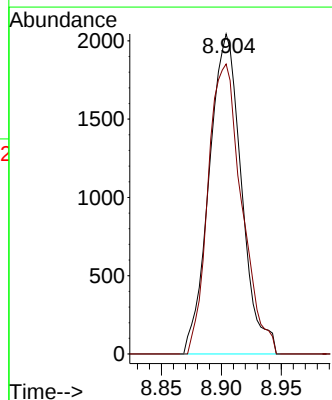
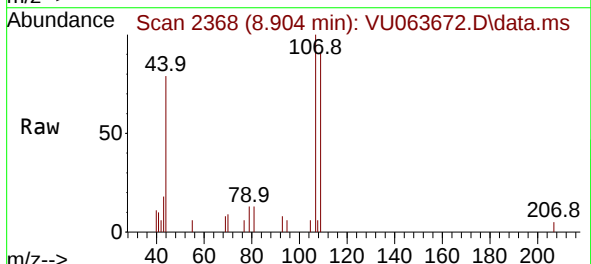
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

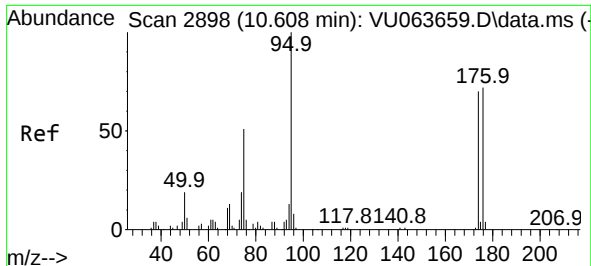
Tgt Ion:129 Resp: 4199
Ion Ratio Lower Upper
129 100
127 74.7 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.266 ug/l
RT: 8.904 min Scan# 2368
Delta R.T. 0.006 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:107 Resp: 3829
Ion Ratio Lower Upper
107 100
109 94.4 0.0 188.0

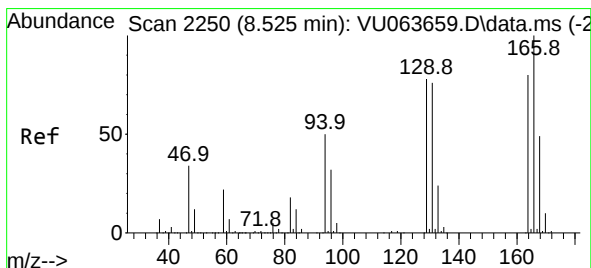
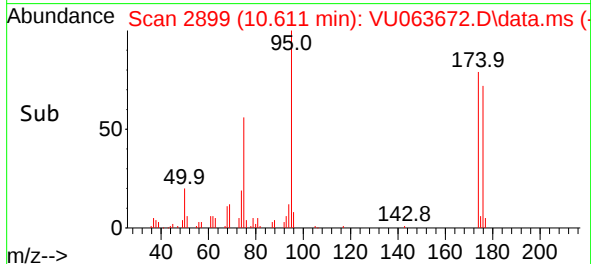
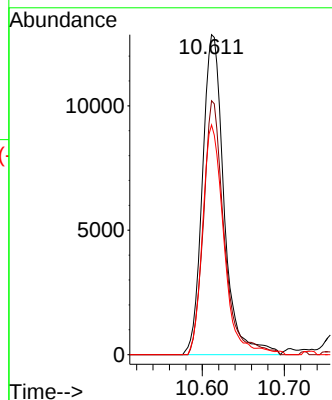
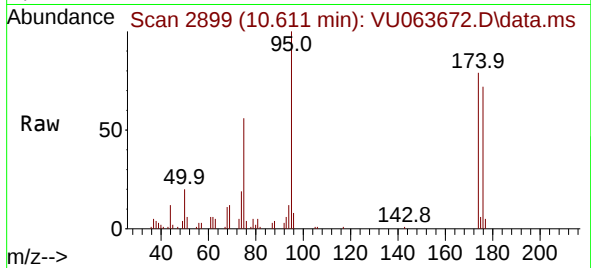




#57
4-Bromofluorobenzene
Concen: 0.853 ug/l
RT: 10.611 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

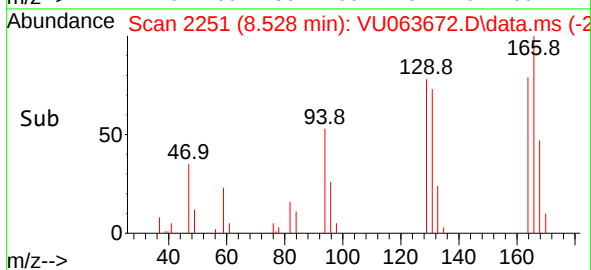
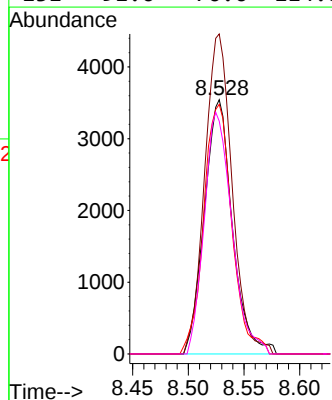
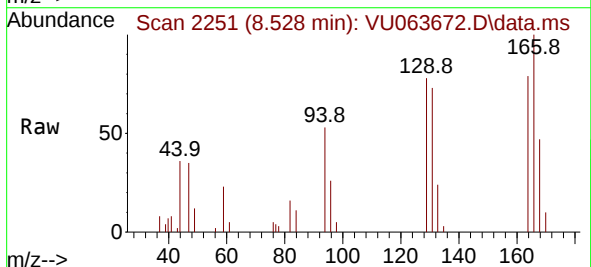
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

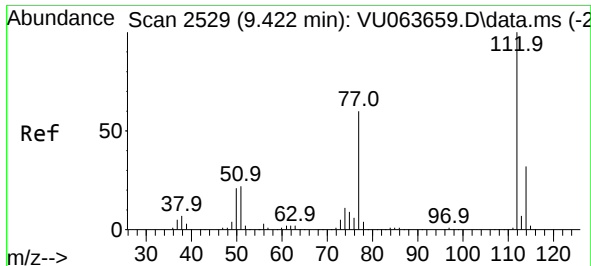
Tgt Ion: 95 Resp: 23571
Ion Ratio Lower Upper
95 100
174 76.3 59.9 89.9
176 70.5 58.8 88.2



#58
Tetrachloroethene
Concen: 0.290 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion: 164 Resp: 6223
Ion Ratio Lower Upper
164 100
166 125.9 100.1 150.1
129 98.2 77.6 116.4
131 91.6 76.6 114.8

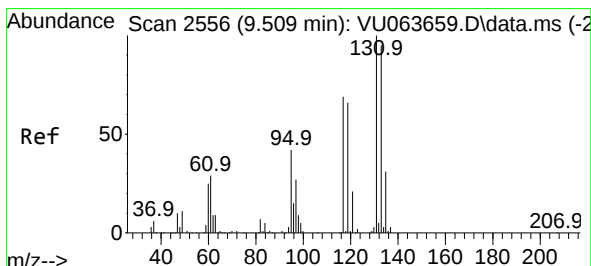
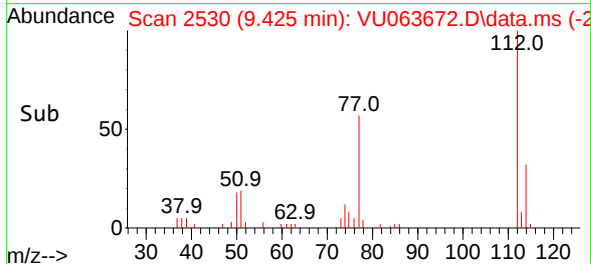
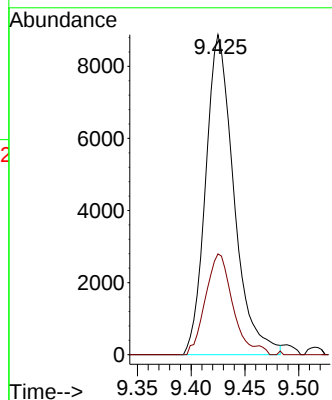
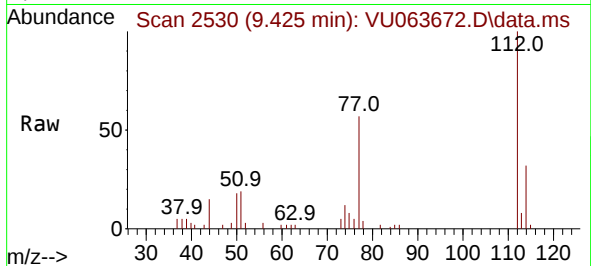




#59
Chlorobenzene
Concen: 0.289 ug/l
RT: 9.425 min Scan# 2530
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

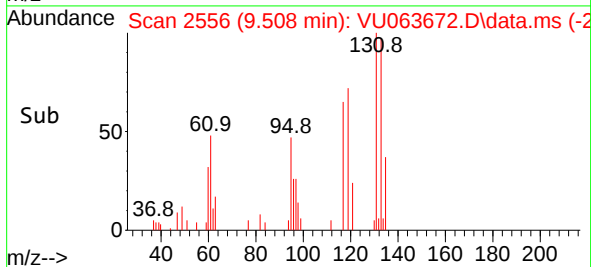
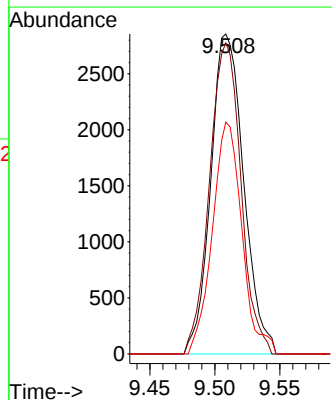
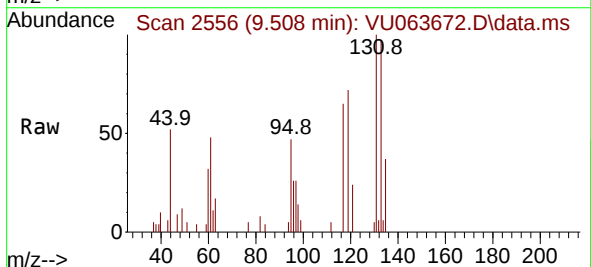
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

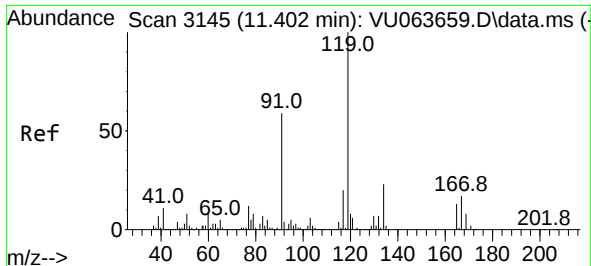
Tgt Ion:112 Resp: 16220
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0



#60
1,1,1,2-Tetrachloroethane
Concen: 0.256 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:131 Resp: 5029
Ion Ratio Lower Upper
131 100
133 92.8 77.0 115.6
119 64.9 52.8 79.2

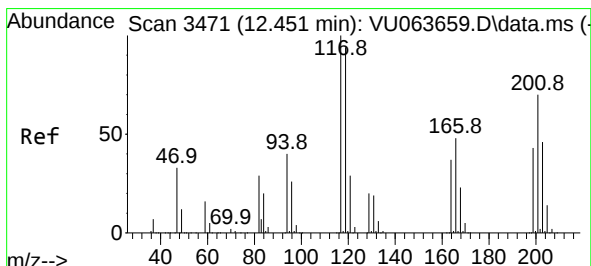
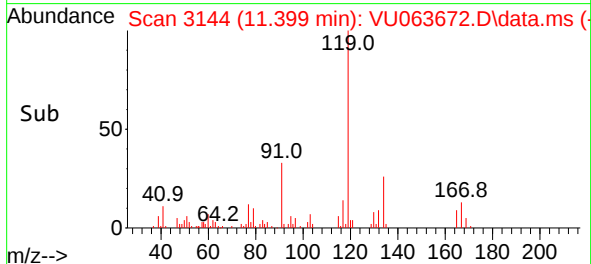
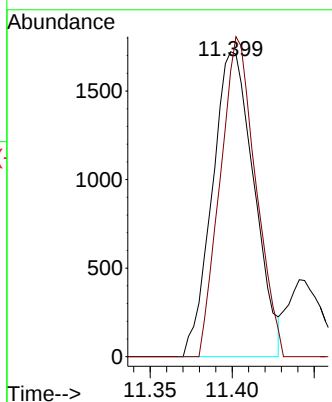
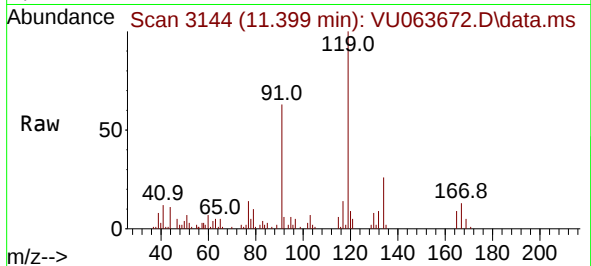




#61
 Pentachloroethane
 Concen: 0.223 ug/l
 RT: 11.399 min Scan# 3144
 Delta R.T. -0.003 min
 Lab File: VU063672.D
 Acq: 05 Nov 2025 14:57

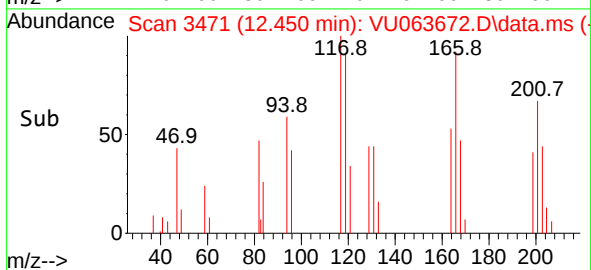
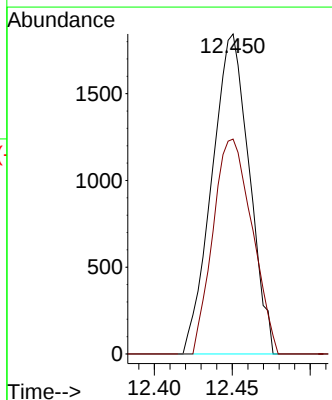
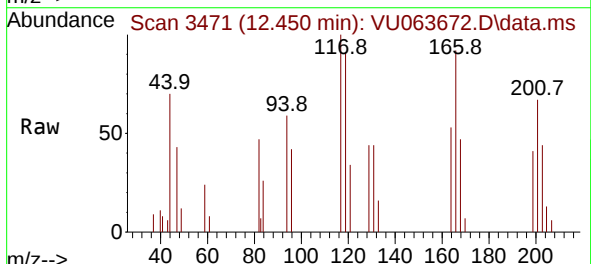
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

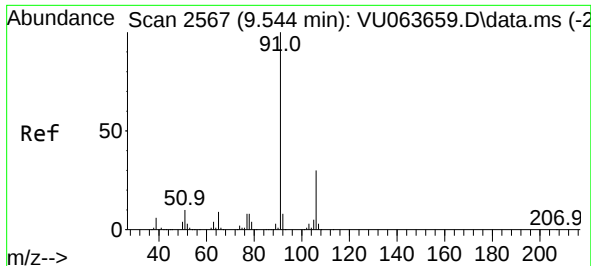
Tgt Ion:117 Resp: 3045
 Ion Ratio Lower Upper
 117 100
 167 89.1 62.8 94.2



#62
 Hexachloroethane
 Concen: 0.205 ug/l
 RT: 12.450 min Scan# 3471
 Delta R.T. -0.000 min
 Lab File: VU063672.D
 Acq: 05 Nov 2025 14:57

Tgt Ion:117 Resp: 3065
 Ion Ratio Lower Upper
 117 100
 201 70.5 56.3 84.5

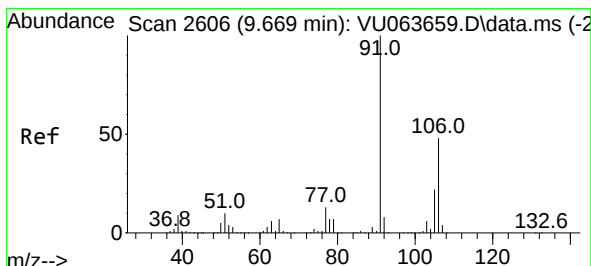
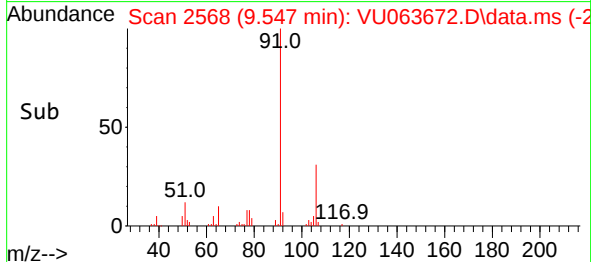
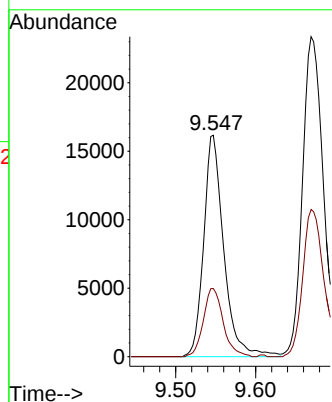
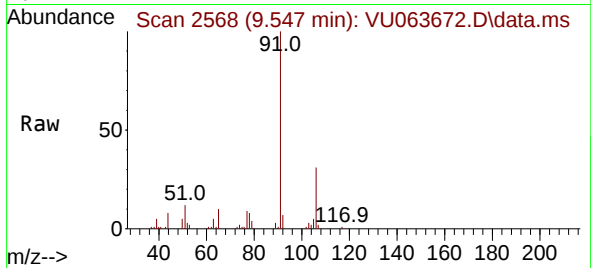




#63
Ethyl Benzene
Concen: 0.278 ug/l
RT: 9.547 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

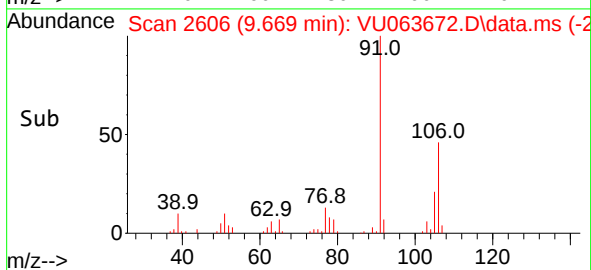
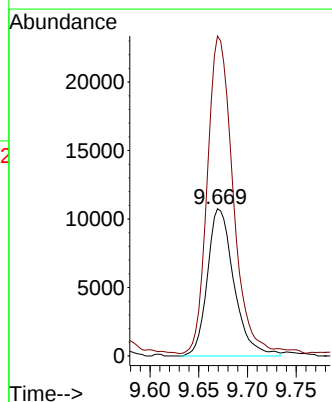
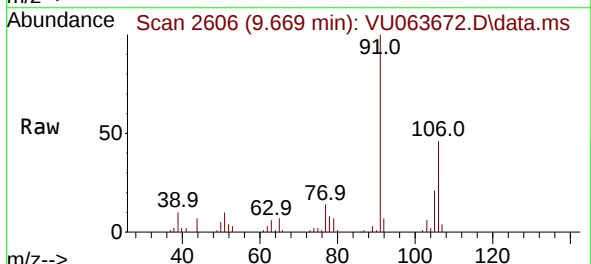
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

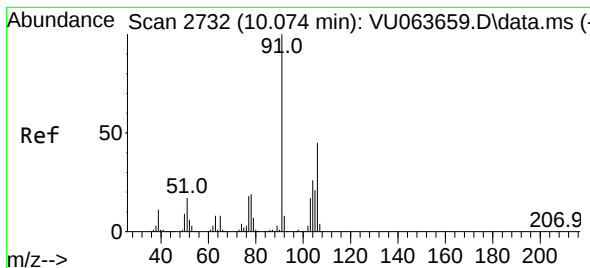
Tgt Ion: 91 Resp: 28256
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#64
m/p-Xylenes
Concen: 0.536 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:106 Resp: 20356
Ion Ratio Lower Upper
106 100
91 207.2 167.0 250.4

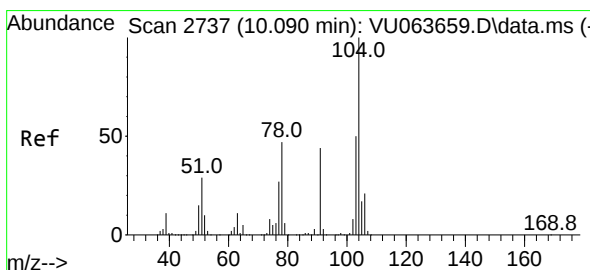
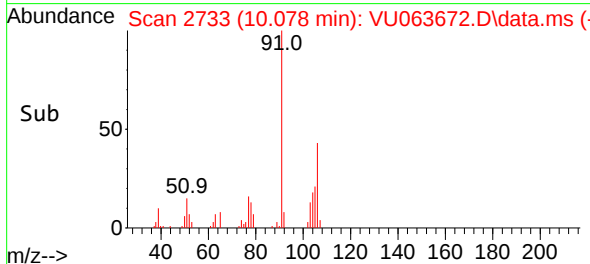
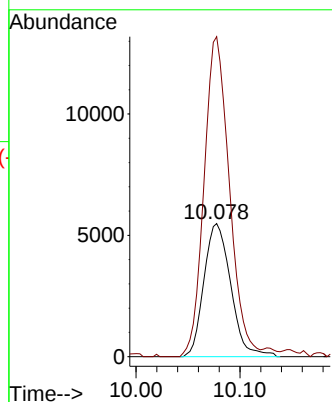
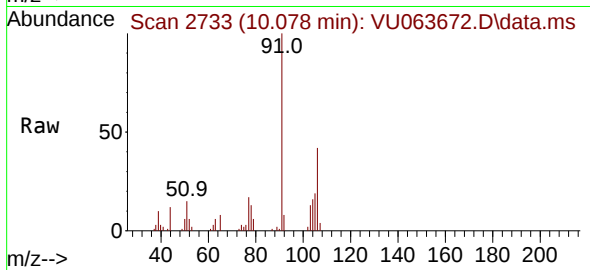




#65
o-Xylene
Concen: 0.264 ug/l
RT: 10.078 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

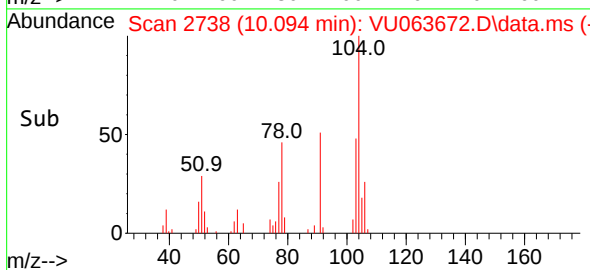
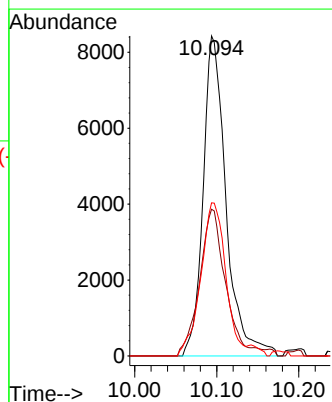
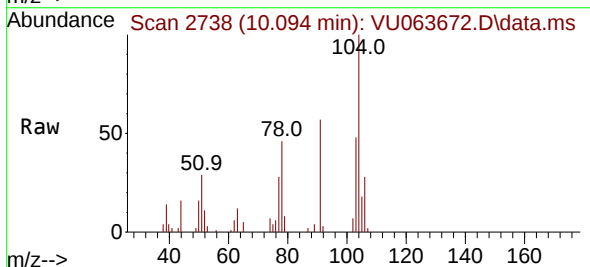
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

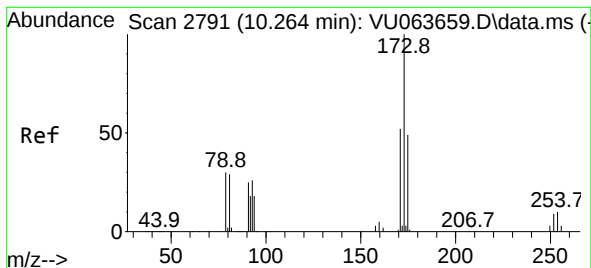
Tgt Ion:106 Resp: 9849
Ion Ratio Lower Upper
106 100
91 226.5 109.3 327.9



#66
Styrene
Concen: 0.272 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:104 Resp: 16404
Ion Ratio Lower Upper
104 100
78 52.1 42.8 64.2
103 51.9 43.9 65.9





#67

Bromoform

Concen: 0.209 ug/l

RT: 10.267 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063672.D

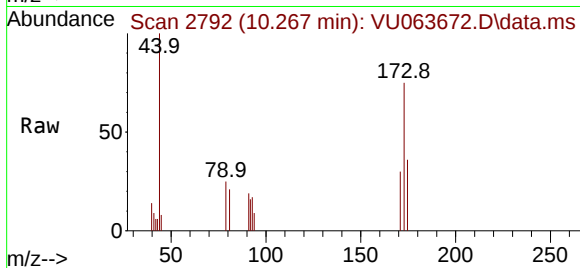
Acq: 05 Nov 2025 14:57

Instrument :

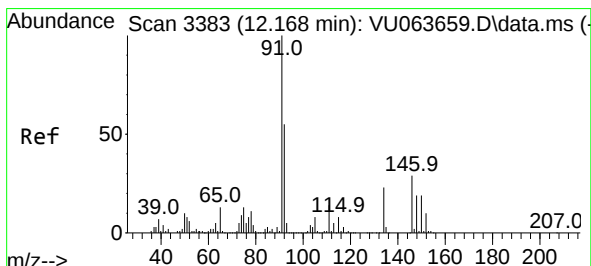
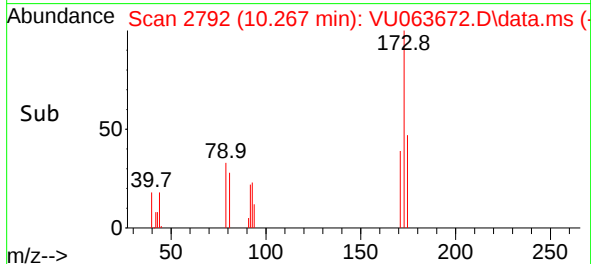
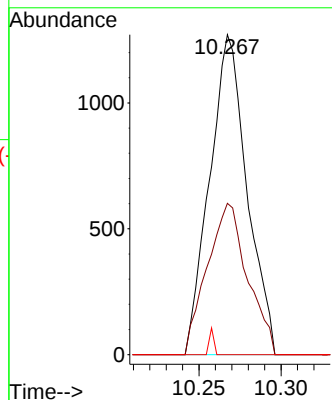
MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



Tgt Ion:173	Resp:	2007
Ion Ratio	Lower	Upper
173	100	
175	51.1	39.0 58.4
254	1.0	7.4 11.0#



#68

1,2-Dichlorobenzene-d4

Concen: 0.877 ug/l

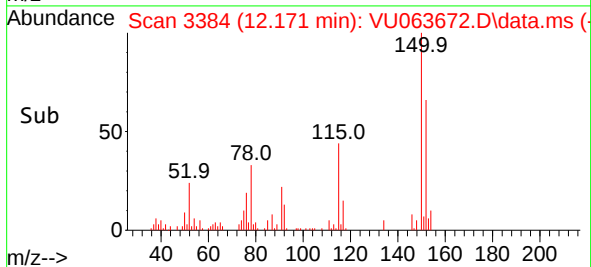
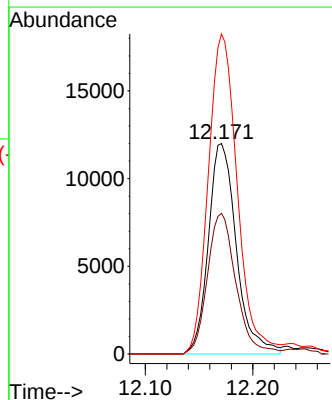
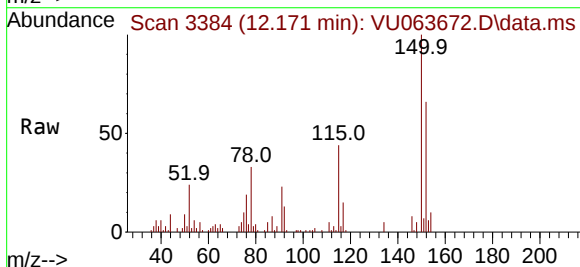
RT: 12.171 min Scan# 3384

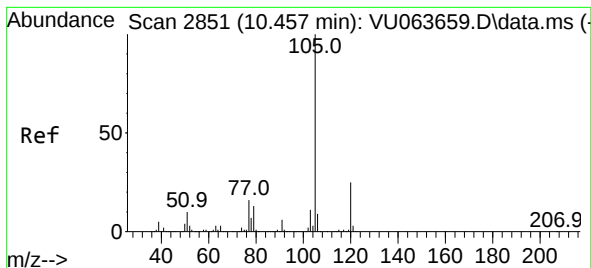
Delta R.T. 0.003 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

Tgt Ion:152	Resp:	21747
Ion Ratio	Lower	Upper
152	100	
115	67.7	0.0 247.2
150	156.8	0.0 643.6





#69

Isopropylbenzene

Concen: 0.262 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

Instrument :

MSVOA_U

ClientSampleId :

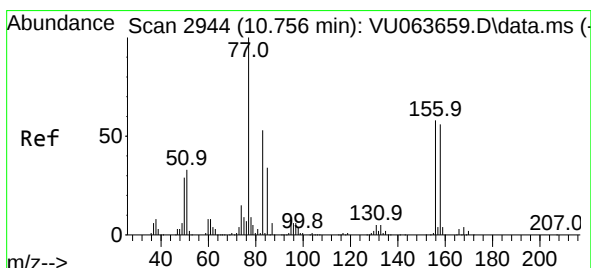
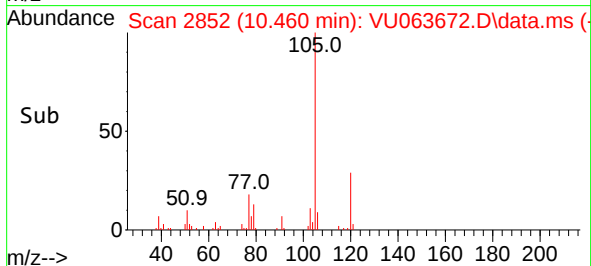
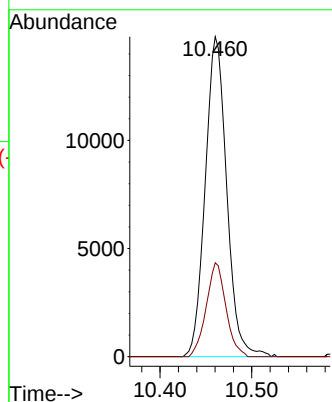
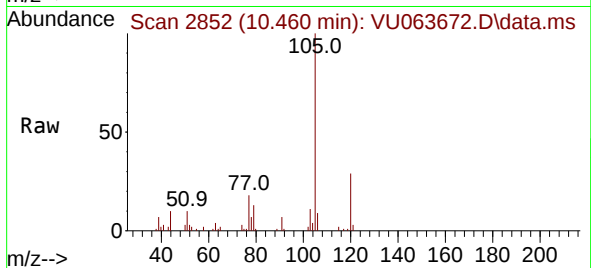
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:105 Resp: 24110

Ion Ratio Lower Upper

105 100

120 26.9 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.255 ug/l

RT: 10.756 min Scan# 2944

Delta R.T. -0.000 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

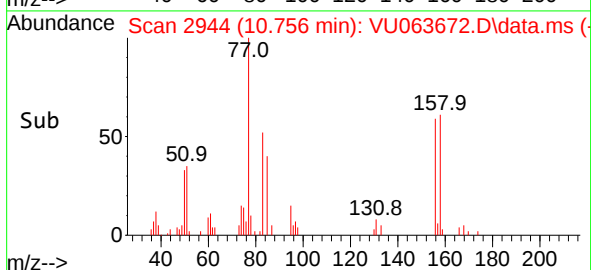
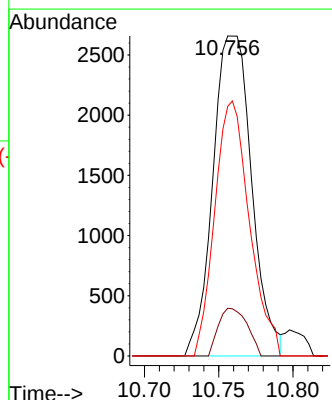
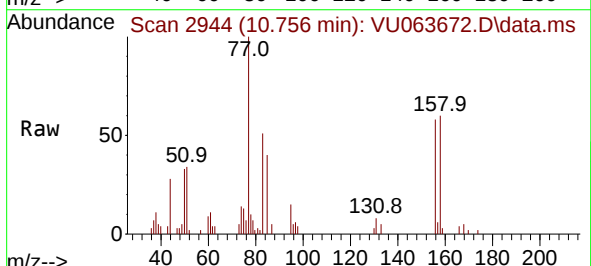
Tgt Ion: 83 Resp: 4835

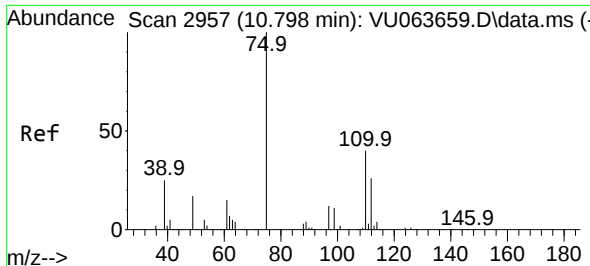
Ion Ratio Lower Upper

83 100

131 11.0 8.1 12.1

85 71.2 51.0 76.6

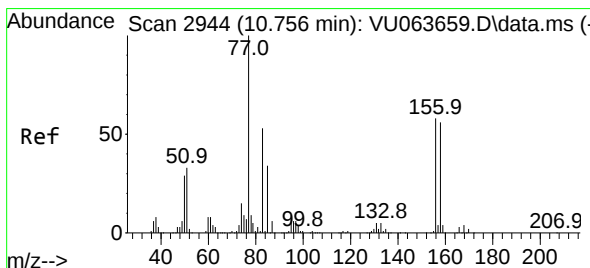
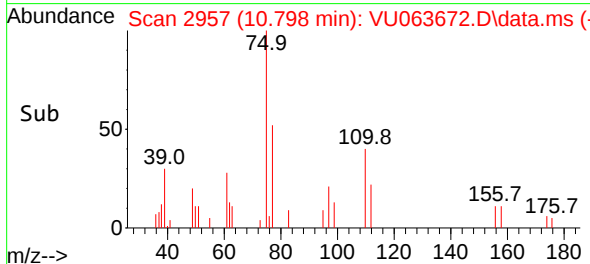
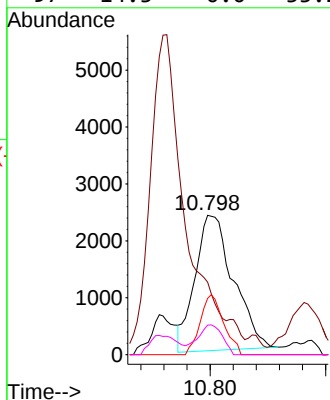
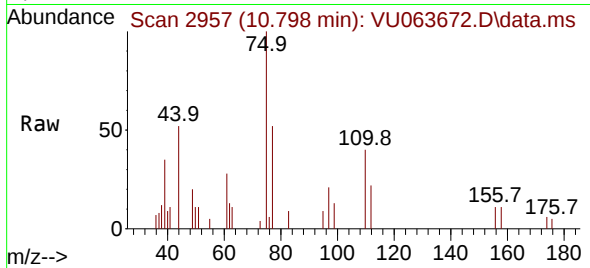




#71
1,2,3-Trichloropropane
Concen: 0.332 ug/l
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

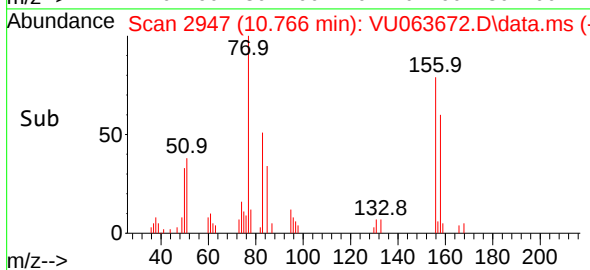
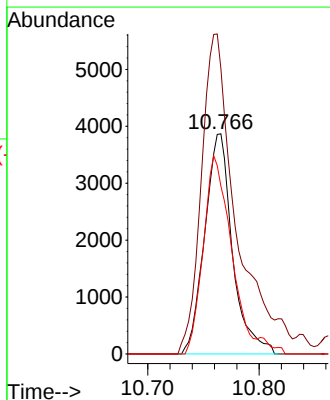
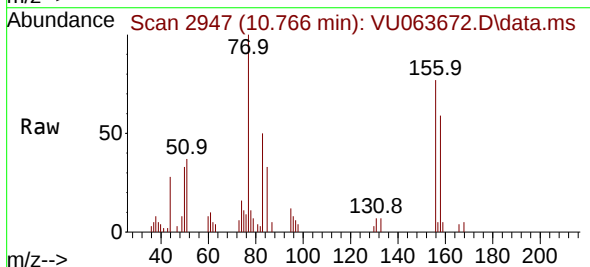
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

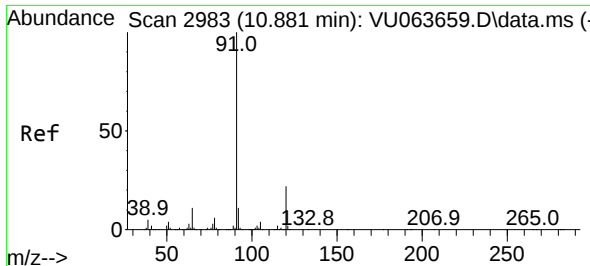
Tgt Ion:	75	Resp:	5484
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	26.9	0.0	66.4
97	14.3	0.0	33.2



#72
Bromobenzene
Concen: 0.300 ug/l
RT: 10.766 min Scan# 2947
Delta R.T. 0.010 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:	156	Resp:	6682
Ion	Ratio	Lower	Upper
156	100		
77	183.9	0.0	337.2
158	93.4	0.0	191.8

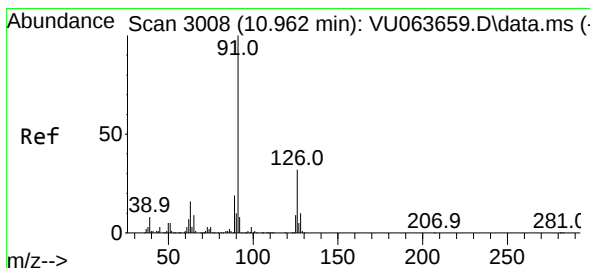
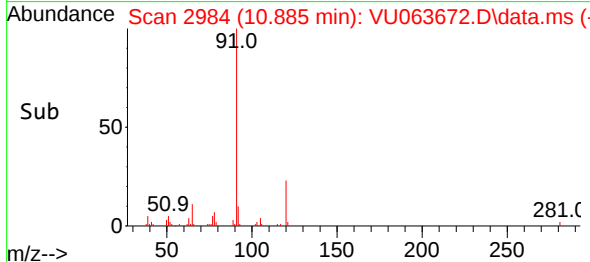
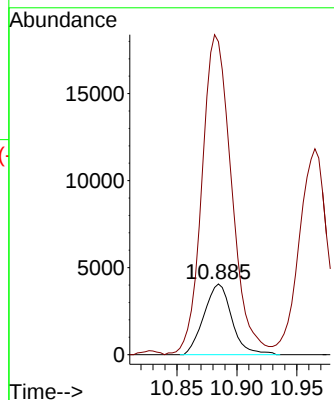
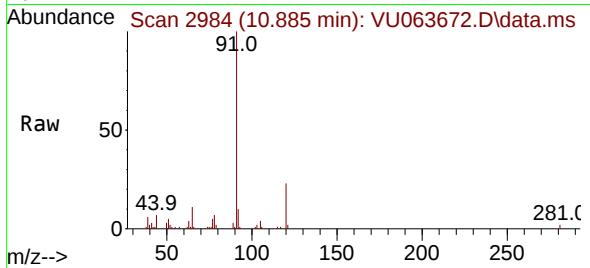




#73
n-propylbenzene
Concen: 0.251 ug/l
RT: 10.885 min Scan# 2984
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

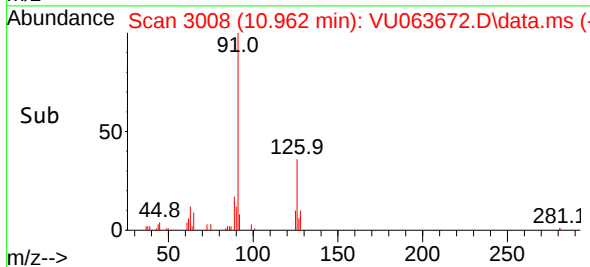
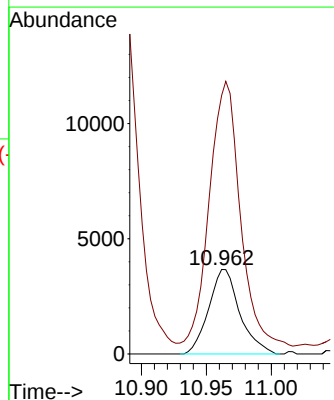
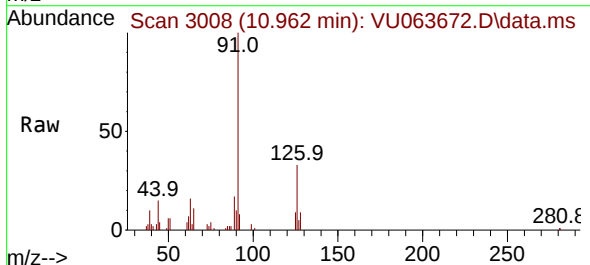
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

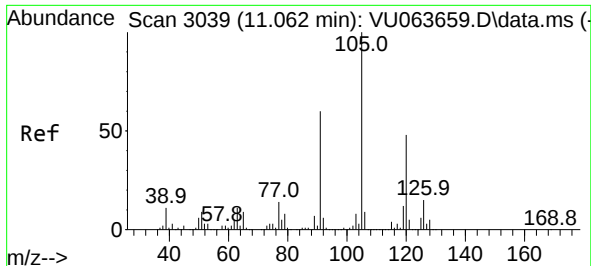
Tgt Ion:120 Resp: 6559
Ion Ratio Lower Upper
120 100
91 481.6 361.4 542.2



#74
2-Chlorotoluene
Concen: 0.269 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:126 Resp: 6097
Ion Ratio Lower Upper
126 100
91 316.8 0.0 634.8

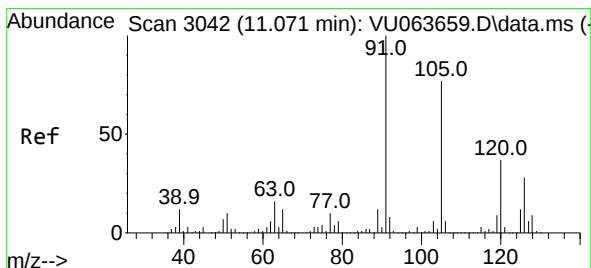
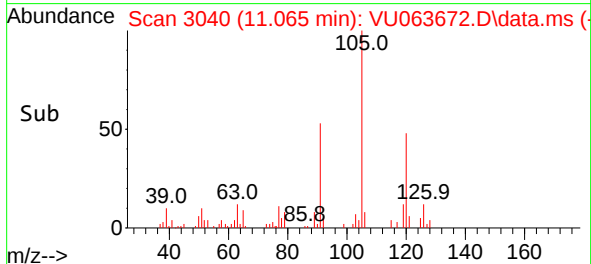
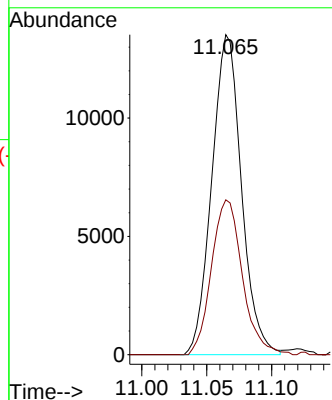
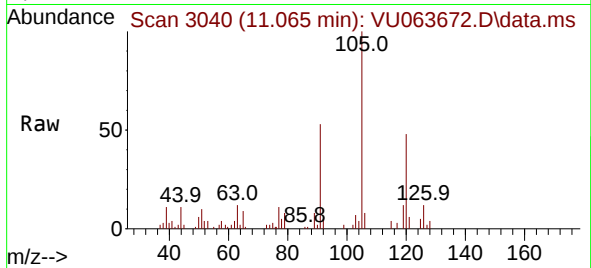




#75
1,3,5-Trimethylbenzene
Concen: 0.252 ug/l
RT: 11.065 min Scan# 3039
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

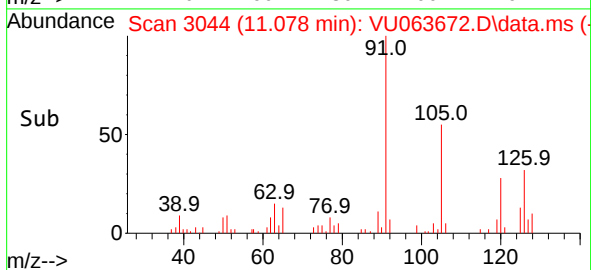
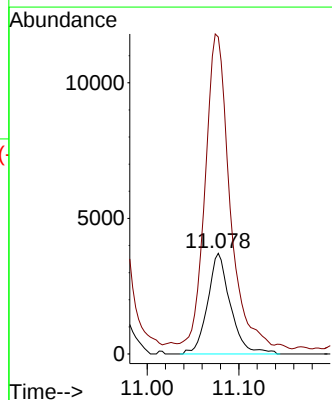
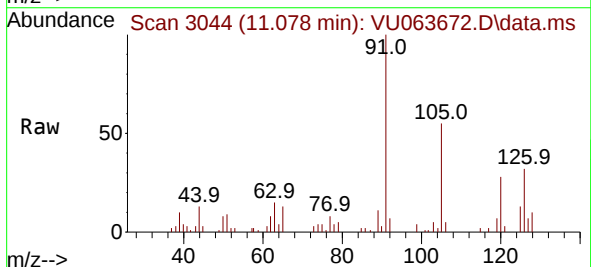
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

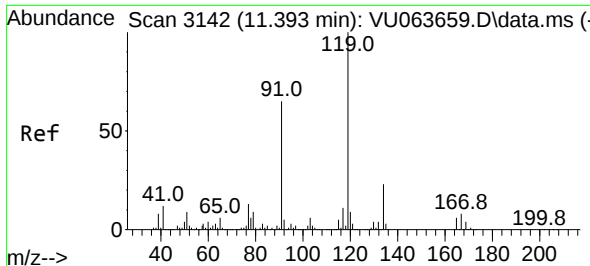
Tgt Ion:105 Resp: 21429
Ion Ratio Lower Upper
105 100
120 50.5 38.2 57.2



#76
4-Chlorotoluene
Concen: 0.282 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. 0.006 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:126 Resp: 6404
Ion Ratio Lower Upper
126 100
91 326.2 0.0 716.6

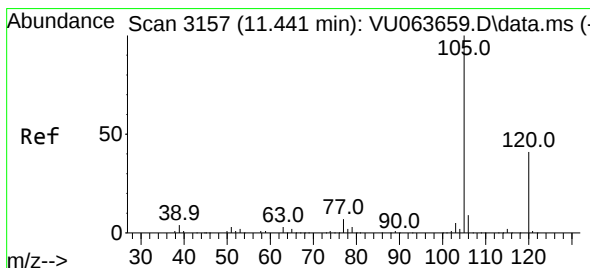
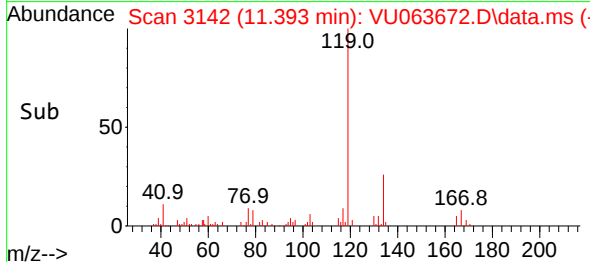
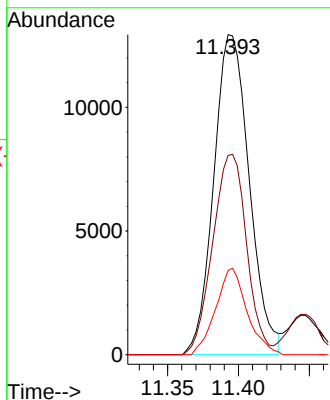
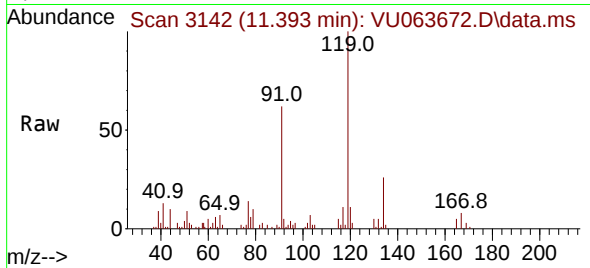




#77
tert-Butylbenzene
Concen: 0.271 ug/l
RT: 11.393 min Scan# 3142
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

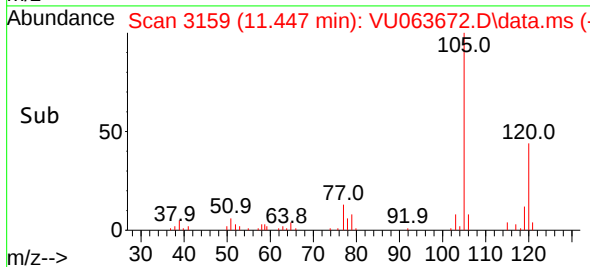
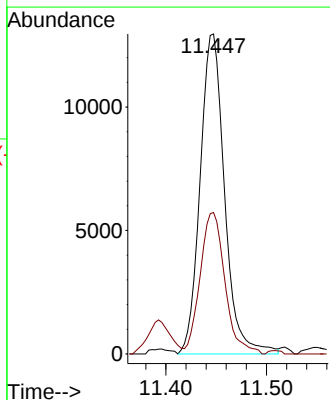
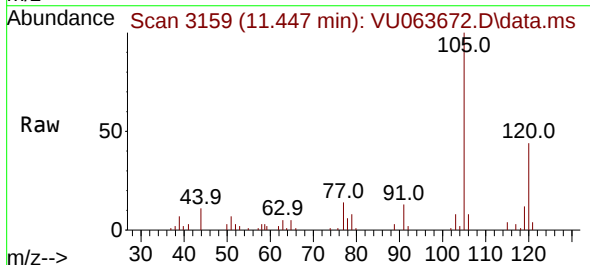
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

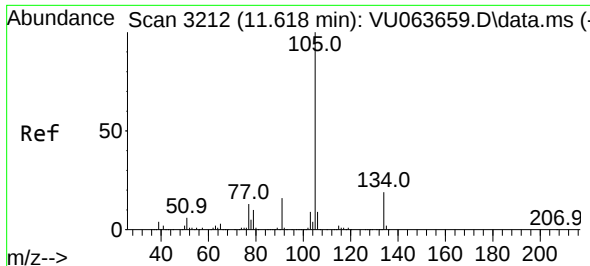
Tgt Ion:	119	Resp:	22572
Ion Ratio	Lower	Upper	
119	100		
91	59.9	31.3	93.8
134	23.8	18.7	28.1



#78
1,2,4-Trimethylbenzene
Concen: 0.268 ug/l
RT: 11.447 min Scan# 3159
Delta R.T. 0.006 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:	105	Resp:	21900
Ion Ratio	Lower	Upper	
105	100		
120	44.7	22.4	67.0

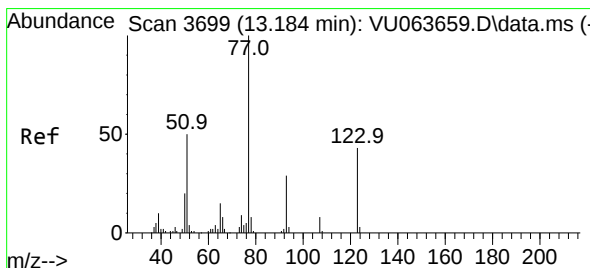
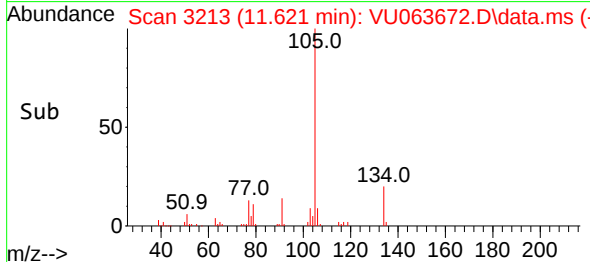
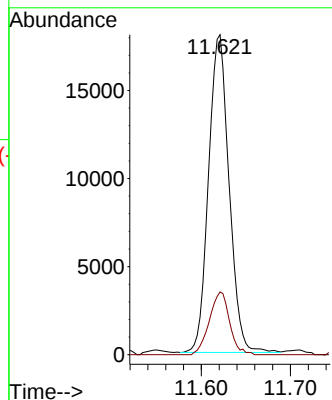
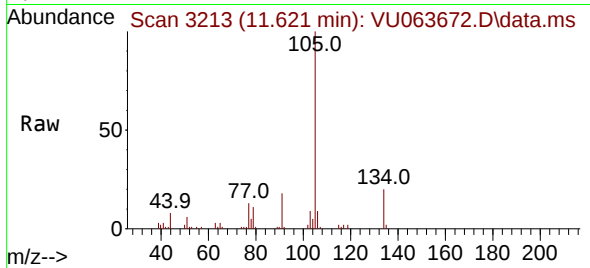




#79
 sec-Butylbenzene
 Concen: 0.263 ug/l
 RT: 11.621 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063672.D
 Acq: 05 Nov 2025 14:57

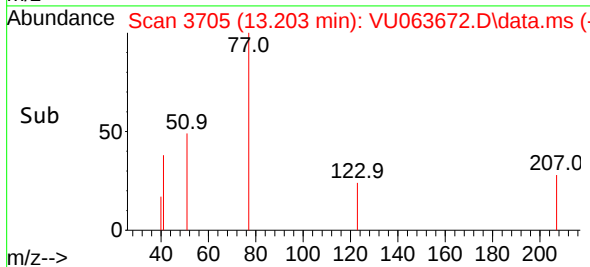
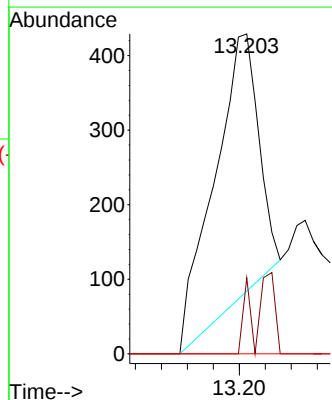
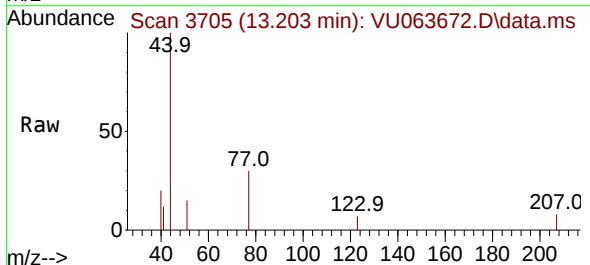
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

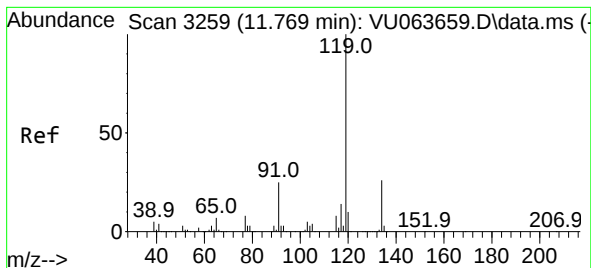
Tgt Ion:105 Resp: 28859
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.7 23.5



#80
 Nitrobenzene
 Concen: 0.642 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. 0.019 min
 Lab File: VU063672.D
 Acq: 05 Nov 2025 14:57

Tgt Ion: 77 Resp: 429
 Ion Ratio Lower Upper
 77 100
 123 14.0 18.2 64.4#
 65 0.0 13.6 17.2#





#81

p-Isopropyltoluene

Concen: 0.256 ug/l

RT: 11.769 min Scan# 3259

Delta R.T. -0.000 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

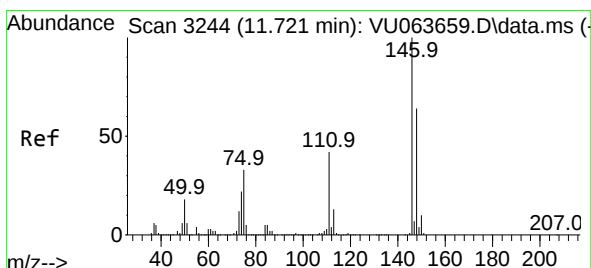
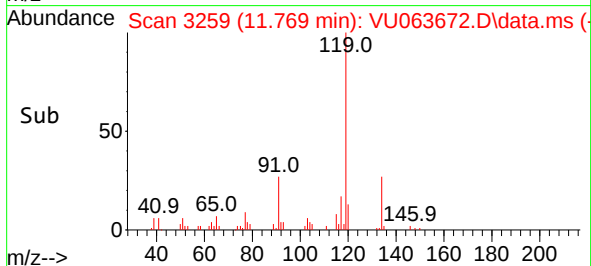
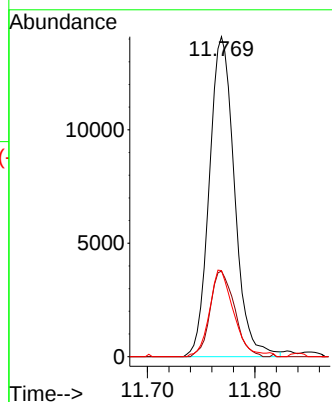
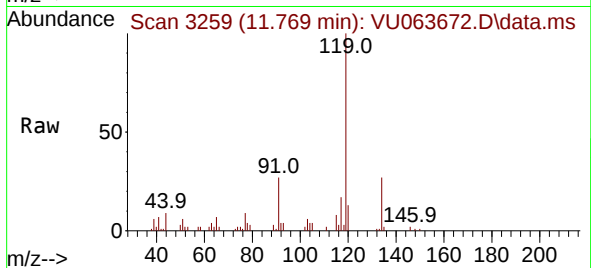
Tgt Ion:119 Resp: 22950

Ion Ratio Lower Upper

119 100

134 25.9 20.3 30.5

91 26.2 20.1 30.1



#82

1,3-Dichlorobenzene

Concen: 0.286 ug/l

RT: 11.724 min Scan# 3245

Delta R.T. 0.003 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

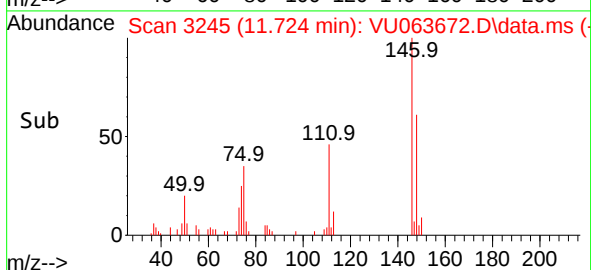
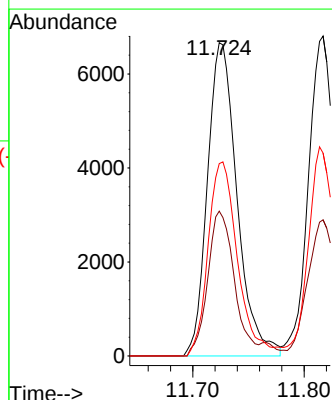
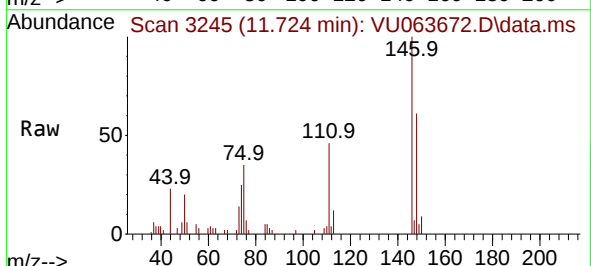
Tgt Ion:146 Resp: 12314

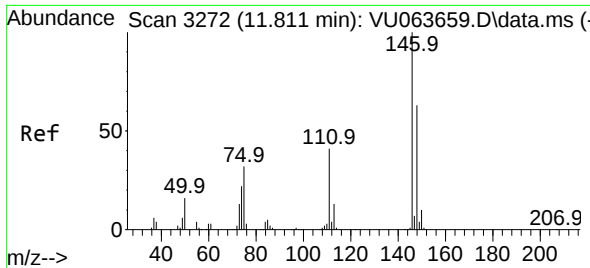
Ion Ratio Lower Upper

146 100

111 41.6 33.8 50.8

148 61.8 50.8 76.2

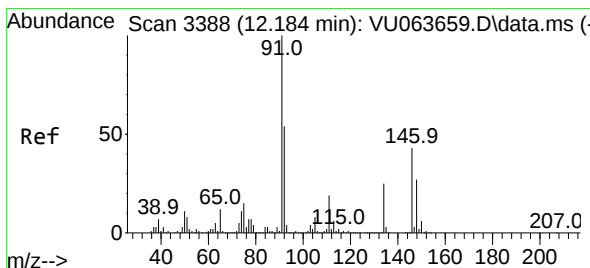
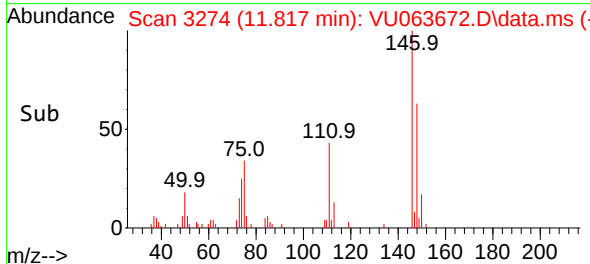
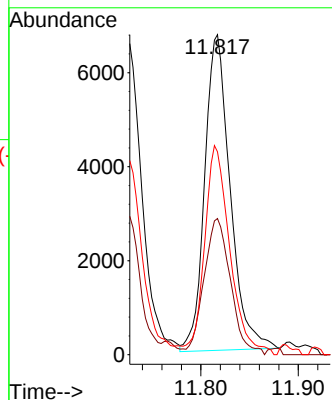
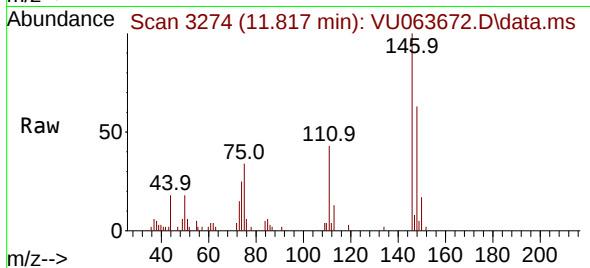




#83
1,4-Dichlorobenzene
Concen: 0.285 ug/l
RT: 11.817 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

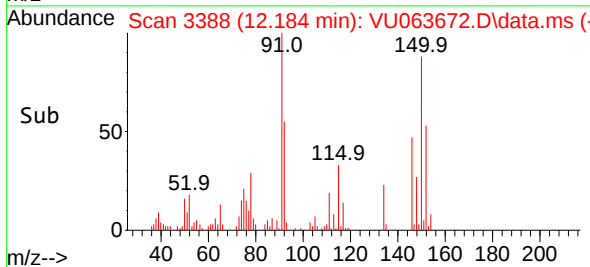
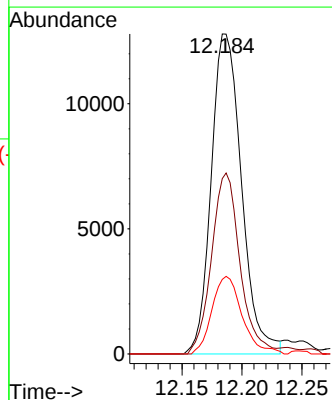
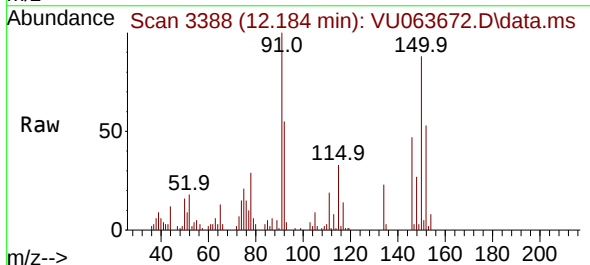
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

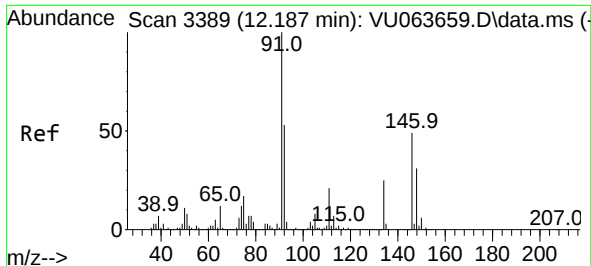
Tgt Ion:	146	Resp:	12188
Ion	Ratio	Lower	Upper
146	100		
111	44.9	33.0	49.4
148	65.9	50.6	76.0



#84
n-Butylbenzene
Concen: 0.280 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:	91	Resp:	22484
Ion	Ratio	Lower	Upper
91	100		
92	53.0	43.1	64.7
134	24.1	19.7	29.5

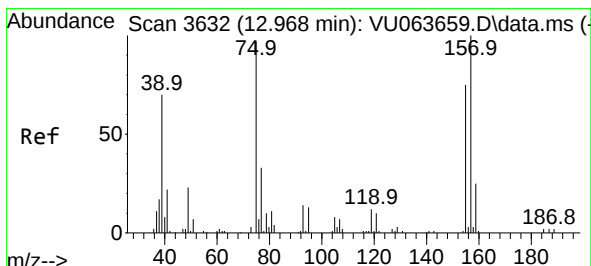
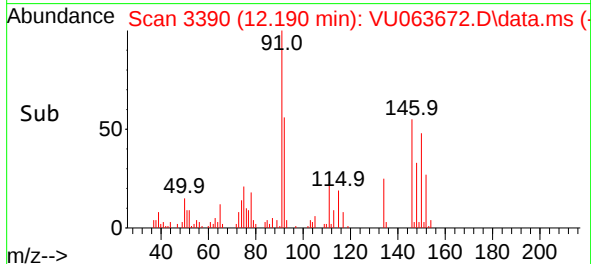
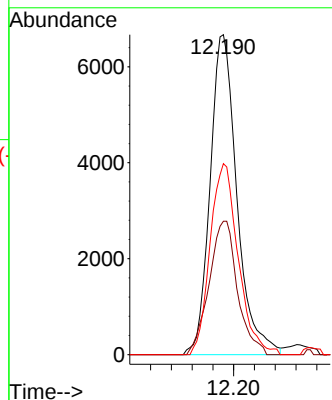
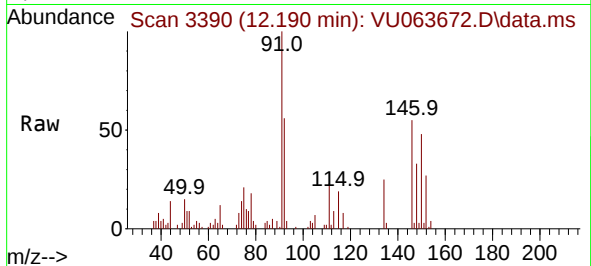




#85
 1,2-Dichlorobenzene
 Concen: 0.294 ug/l
 RT: 12.190 min Scan# 3196
 Delta R.T. 0.003 min
 Lab File: VU063672.D
 Acq: 05 Nov 2025 14:57

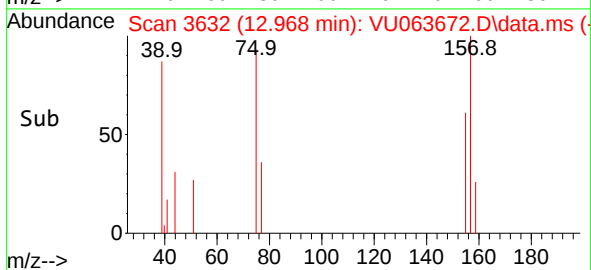
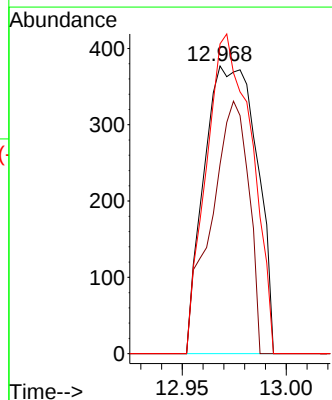
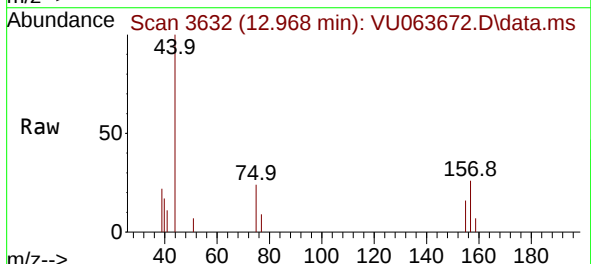
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

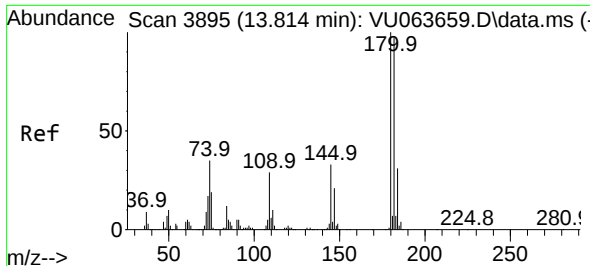
Tgt Ion:	146	Resp:	11963
Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	62.5	31.9	95.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.211 ug/l
 RT: 12.968 min Scan# 3632
 Delta R.T. -0.000 min
 Lab File: VU063672.D
 Acq: 05 Nov 2025 14:57

Tgt Ion:	75	Resp:	663
Ion	Ratio	Lower	Upper
75	100		
155	62.7	62.2	93.4
157	95.9	81.3	121.9





#87

1,2,4-Trichlorobenzene

Concen: 0.314 ug/l

RT: 13.820 min Scan# 3897

Delta R.T. 0.006 min

Lab File: VU063672.D

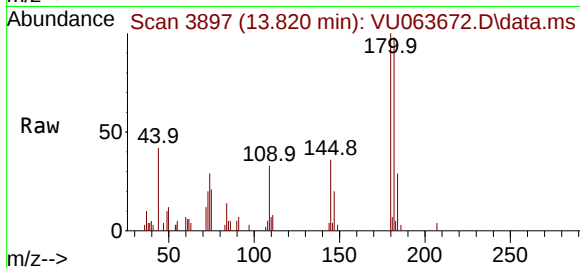
Acq: 05 Nov 2025 14:57

Instrument :

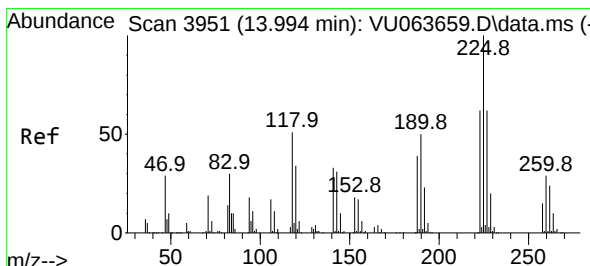
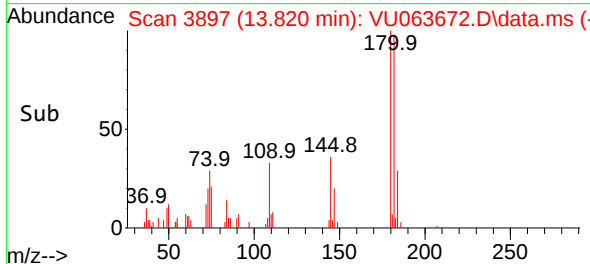
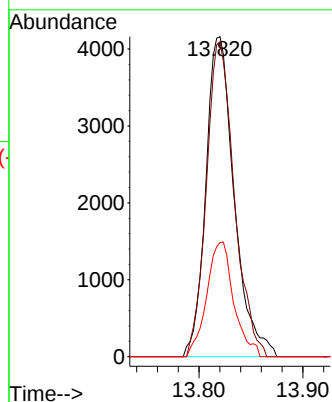
MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



Tgt Ion:	180	Resp:	7886
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.4	114.6
145	34.2	26.2	39.2



#88

Hexachlorobutadiene

Concen: 0.278 ug/l

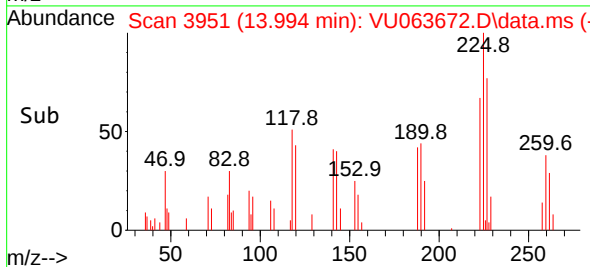
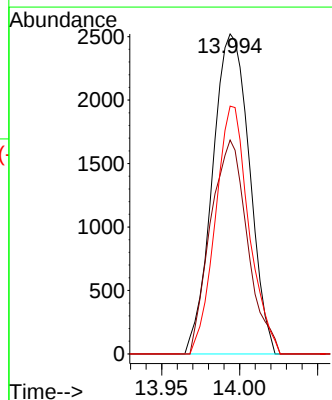
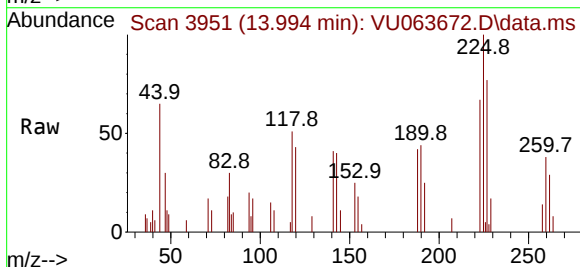
RT: 13.994 min Scan# 3951

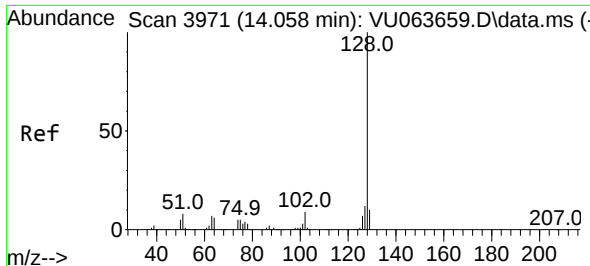
Delta R.T. -0.000 min

Lab File: VU063672.D

Acq: 05 Nov 2025 14:57

Tgt Ion:	225	Resp:	4160
Ion Ratio	Lower	Upper	
225	100		
223	66.8	50.2	75.4
227	70.4	50.0	75.0

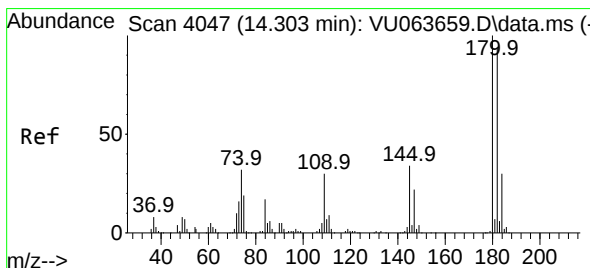
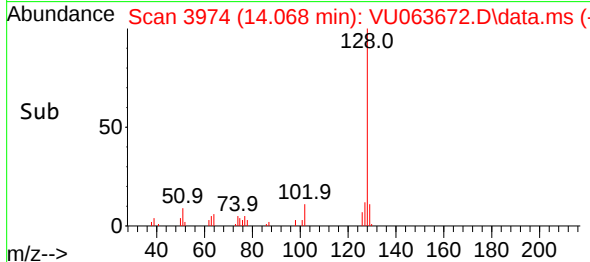
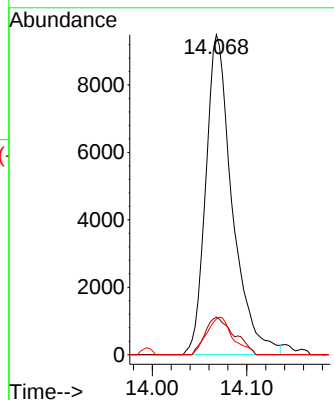
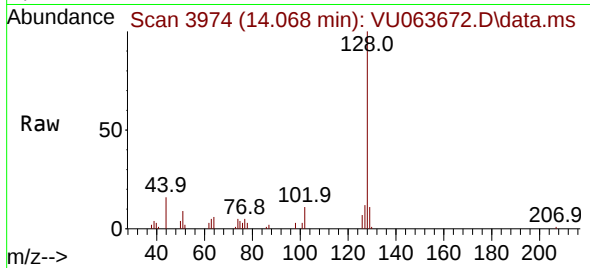




#89
Naphthalene
Concen: 0.383 ug/l
RT: 14.068 min Scan# 3974
Delta R.T. 0.010 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:128	Resp:	18473
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.2
129	11.5	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.352 ug/l
RT: 14.306 min Scan# 4048
Delta R.T. 0.003 min
Lab File: VU063672.D
Acq: 05 Nov 2025 14:57

Tgt Ion:180	Resp:	8078
Ion Ratio	Lower	Upper
180	100	
182	94.0	75.4 113.0
145	32.7	27.4 41.2

