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 Data File : VU063706.D
 Acq On : 11 Nov 2025 15:19
 Operator : MD/SY
 Sample : Q3530-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 12 02:29:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 12 02:25:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.341	168	193986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	321344	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	301944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	156435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.673	65	137976	48.149	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.300%
35) Dibromofluoromethane	5.258	113	106244	47.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.400%
50) Toluene-d8	7.869	98	369435	45.690	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.380%#
62) 4-Bromofluorobenzene	10.608	95	154895	46.310	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	3214	2.743	ug/l	87
3) Chloromethane	1.509	50	3396	2.493	ug/l	98
4) Vinyl Chloride	1.589	62	3618	2.511	ug/l	93
5) Bromomethane	1.837	94	3770	3.726	ug/l	95
6) Chloroethane	1.914	64	3109	2.853	ug/l	99
7) Trichlorofluoromethane	2.117	101	7147	2.592	ug/l	86
8) Diethyl Ether	2.358	74	3138	2.677	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.554	101	4509	2.574	ug/l	95
10) Methyl Iodide	2.699	142	3627	2.077	ug/l	96
11) Tert butyl alcohol	3.158	59	9310	13.925	ug/l #	78
12) 1,1-Dichloroethene	2.557	96	4113	2.727	ug/l	99
13) Acrolein	2.464	56	939	17.566	ug/l	87
14) Allyl chloride	2.901	41	7371	2.620	ug/l	93
15) Acrylonitrile	3.300	53	14697	10.734	ug/l	95
16) Acetone	2.605	43	28809	15.370	ug/l	100
17) Carbon Disulfide	2.769	76	5948	2.680	ug/l #	94
18) Methyl Acetate	2.936	43	6329	1.423	ug/l	97
19) Methyl tert-butyl Ether	3.335	73	16678	2.450	ug/l	96
20) Methylene Chloride	3.017	84	9179	4.296	ug/l	97
21) trans-1,2-Dichloroethene	3.329	96	4188	2.704	ug/l	87
22) Diisopropyl ether	3.959	45	15366	2.480	ug/l #	9
23) Vinyl Acetate	3.943	43	48094	11.382	ug/l	100
24) 1,1-Dichloroethane	3.840	63	8373	2.343	ug/l	99
25) 2-Butanone	4.695	43	22864	11.588	ug/l	95
26) 2,2-Dichloropropane	4.631	77	7062	2.301	ug/l #	76
27) cis-1,2-Dichloroethene	4.644	96	5546	2.451	ug/l	94
28) Bromochloromethane	4.946	49	2980	2.084	ug/l #	91
29) Tetrahydrofuran	5.030	42	12082	10.523	ug/l	95
30) Chloroform	5.055	83	10144	2.591	ug/l	99
31) Cyclohexane	5.351	56	11100	4.399	ug/l #	76
32) 1,1,1-Trichloroethane	5.287	97	7646	2.380	ug/l	98
36) 1,1-Dichloropropene	5.502	75	6265	2.735	ug/l	98
37) Ethyl Acetate	4.795	43	5160	1.591	ug/l #	87
38) Carbon Tetrachloride	5.493	117	6049	2.443	ug/l	91
39) Methylcyclohexane	6.731	83	6721	2.584	ug/l	89
40) Benzene	5.747	78	18539	2.508	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.968	41	2513	1.491	ug/l #	64
42) 1,2-Dichloroethane	5.772	62	7089	2.431	ug/l	93
43) Isopropyl Acetate	5.895	43	9635	2.027	ug/l	95
44) Trichloroethene	6.521	130	5136	2.476	ug/l	98
45) 1,2-Dichloropropane	6.763	63	5162	2.569	ug/l	100
46) Dibromomethane	6.894	93	3936	2.609	ug/l	97
47) Bromodichloromethane	7.078	83	6604	2.159	ug/l	98
48) Methyl methacrylate	6.949	41	4677	2.004	ug/l	89
49) 1,4-Dioxane	6.952	88	2906	47.002	ug/l #	88
51) 4-Methyl-2-Pentanone	7.766	43	39600	10.885	ug/l	100
52) Toluene	7.946	92	12514	2.608	ug/l	97
53) t-1,3-Dichloropropene	8.190	75	5544	2.152	ug/l	94
54) cis-1,3-Dichloropropene	7.583	75	6454	2.235	ug/l	98
55) 1,1,2-Trichloroethane	8.377	97	5350	2.430	ug/l	94
56) Ethyl methacrylate	8.319	69	7265	2.236	ug/l	98
57) 1,3-Dichloropropane	8.550	76	8824	2.457	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.460	63	41	1.050	ug/l #	57
59) 2-Hexanone	8.666	43	31578	11.653	ug/l	96
60) Dibromochloromethane	8.782	129	4954	2.148	ug/l	96
61) 1,2-Dibromoethane	8.901	107	5341	2.518	ug/l	95
64) Tetrachloroethene	8.528	164	5009	2.571	ug/l	91
65) Chlorobenzene	9.422	112	15755	2.670	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	9.509	131	4697	2.341	ug/l	96
67) Ethyl Benzene	9.547	91	24834	2.527	ug/l	99
68) m/p-Xylenes	9.672	106	18252	5.032	ug/l	96
69) o-Xylene	10.074	106	9011	2.407	ug/l	98
70) Styrene	10.097	104	14160	2.355	ug/l	98
71) Bromoform	10.264	173	3308	2.047	ug/l #	96
73) Isopropylbenzene	10.460	105	24411	2.484	ug/l	98
74) N-amyl acetate	10.306	43	6459	1.886	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	10.756	83	8785	2.328	ug/l	96
76) 1,2,3-Trichloropropane	10.798	75	8760	2.222	ug/l #	100
77) Bromobenzene	10.762	156	6469	2.616	ug/l	96
78) n-propylbenzene	10.885	91	27158	2.409	ug/l	99
79) 2-Chlorotoluene	10.962	91	18307	2.512	ug/l	99
80) 1,3,5-Trimethylbenzene	11.065	105	19640	2.383	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.608	75	84718	114.485	ug/l #	7
82) 4-Chlorotoluene	11.078	91	20957	2.531	ug/l	100
83) tert-Butylbenzene	11.393	119	21442	2.498	ug/l	99
84) 1,2,4-Trimethylbenzene	11.444	105	19304	2.387	ug/l	97
85) sec-Butylbenzene	11.618	105	25718	2.372	ug/l	100
86) p-Isopropyltoluene	11.769	119	19806	2.275	ug/l	96
87) 1,3-Dichlorobenzene	11.724	146	11562	2.489	ug/l	96
88) 1,4-Dichlorobenzene	11.811	146	13377	2.752	ug/l	88
89) n-Butylbenzene	12.187	91	18544	2.320	ug/l	98
90) Hexachloroethane	12.447	117	2499	1.882	ug/l	91
91) 1,2-Dichlorobenzene	12.190	146	11557	2.492	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.978	75	1432	1.852	ug/l	93
93) 1,2,4-Trichlorobenzene	13.820	180	6727	2.275	ug/l	97
94) Hexachlorobutadiene	13.994	225	3309	2.221	ug/l	98
95) Naphthalene	14.068	128	17110	2.136	ug/l	97
96) 1,2,3-Trichlorobenzene	14.306	180	6594	2.398	ug/l	97

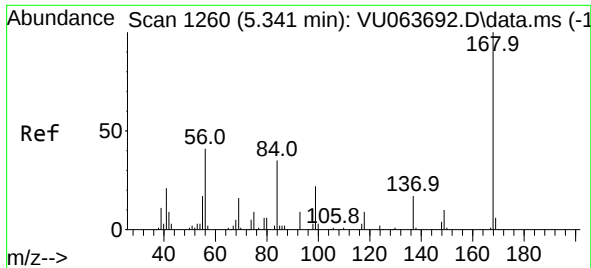
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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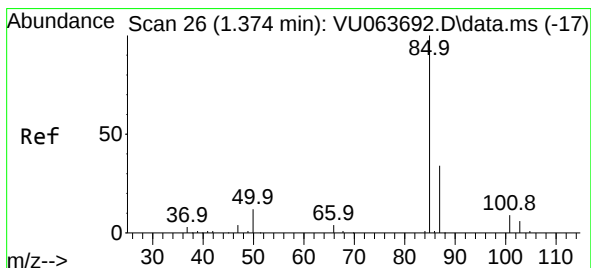
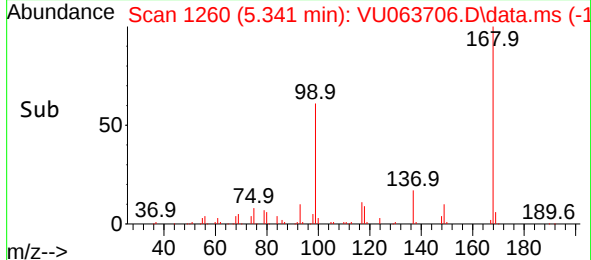
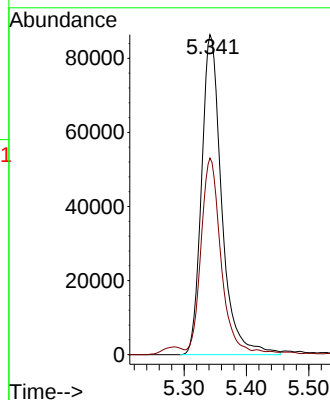
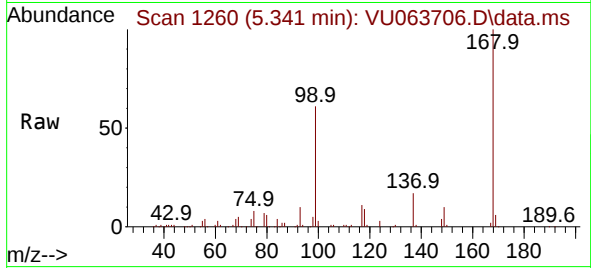
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
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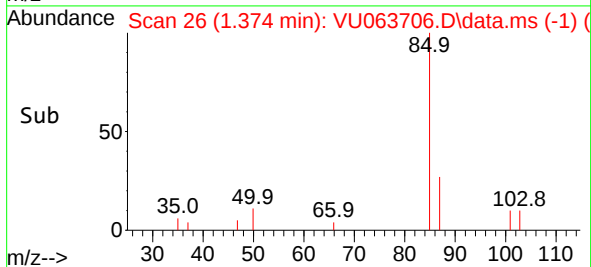
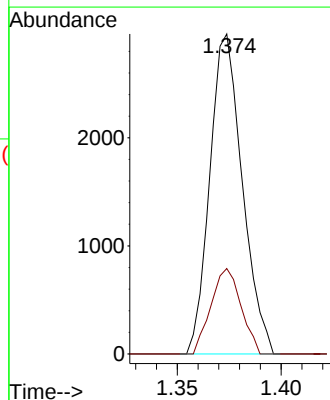
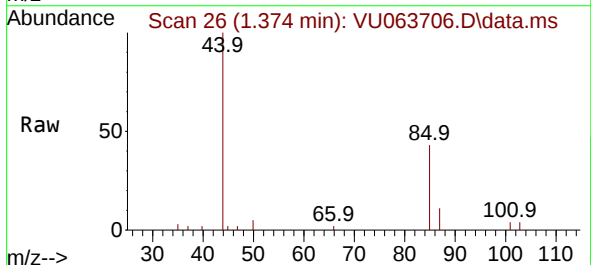
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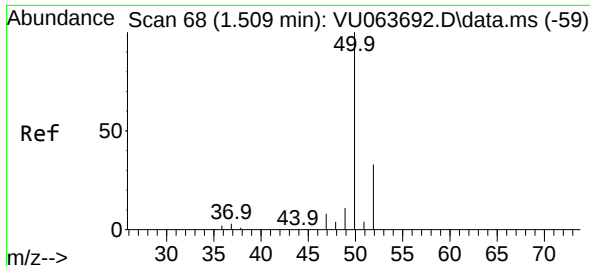
Tgt Ion:168 Resp: 193986
Ion Ratio Lower Upper
168 100
99 60.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 2.743 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 85 Resp: 3214
Ion Ratio Lower Upper
85 100
87 26.7 17.0 51.0

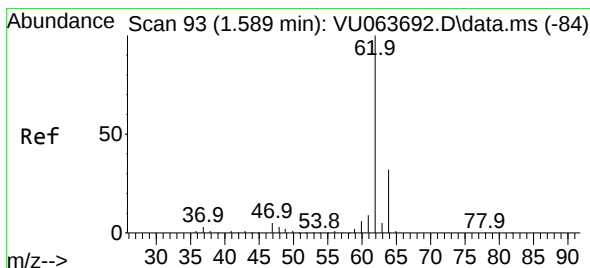
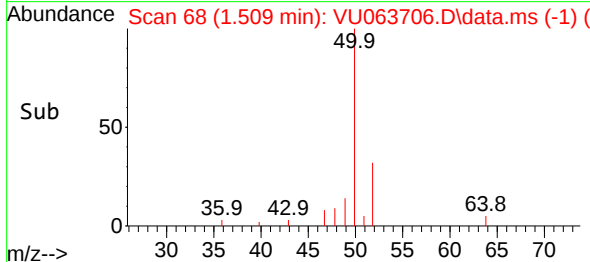
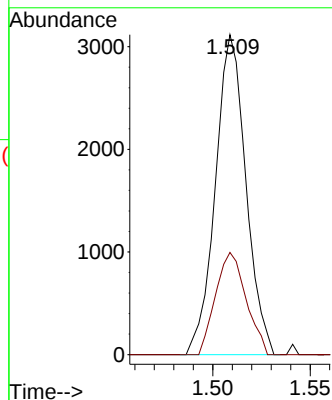
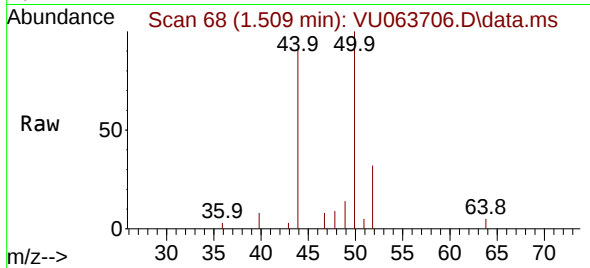




#3
Chloromethane
Concen: 2.493 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

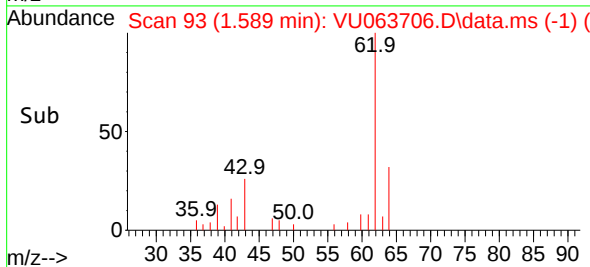
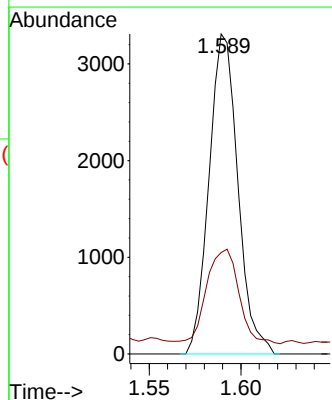
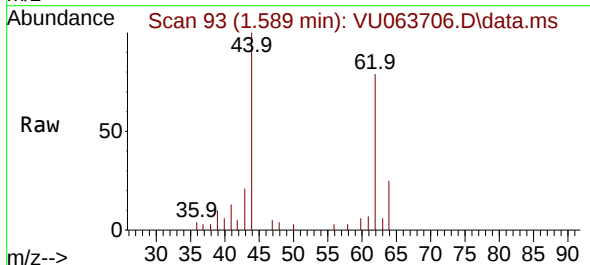
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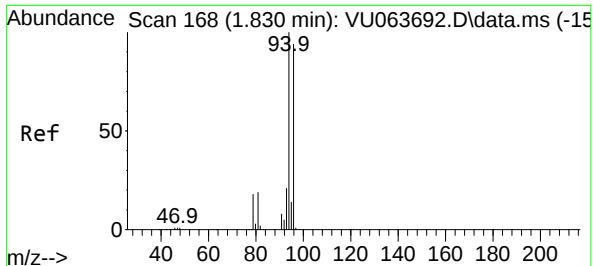
Tgt Ion: 50 Resp: 3396
Ion Ratio Lower Upper
50 100
52 31.9 26.3 39.5



#4
Vinyl Chloride
Concen: 2.511 ug/l
RT: 1.589 min Scan# 93
Delta R.T. 0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 62 Resp: 3618
Ion Ratio Lower Upper
62 100
64 28.5 25.9 38.9

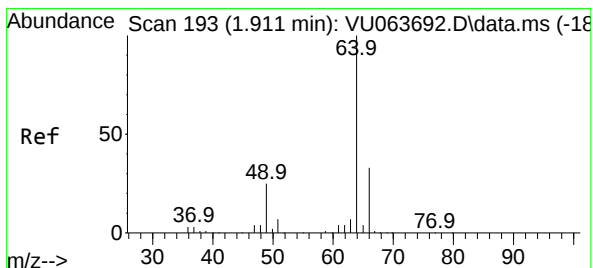
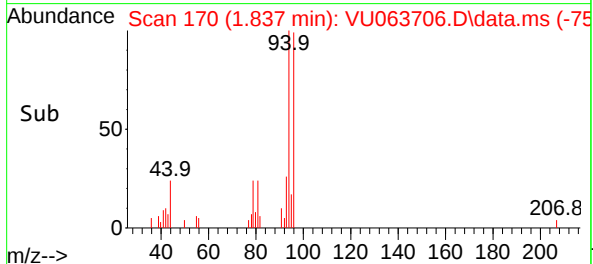
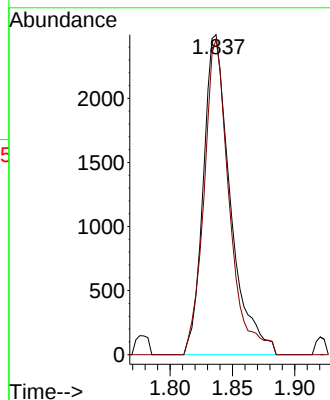
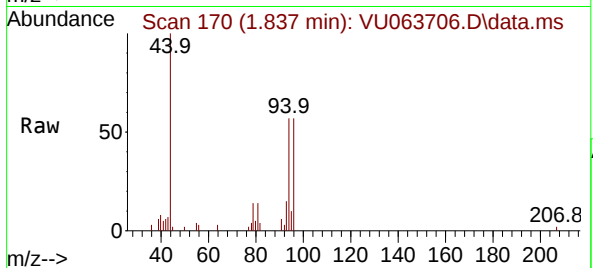




#5
Bromomethane
Concen: 3.726 ug/l
RT: 1.837 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

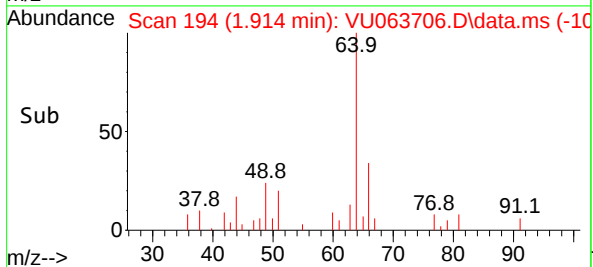
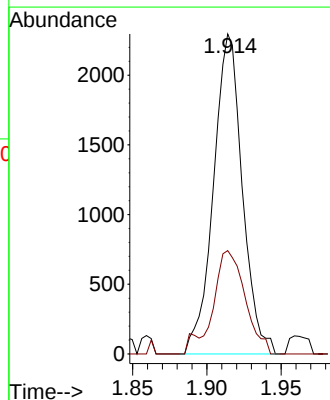
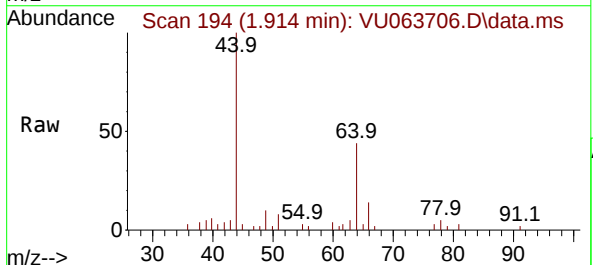
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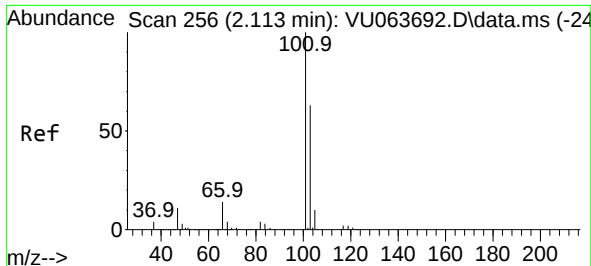
Tgt Ion: 94 Resp: 3770
Ion Ratio Lower Upper
94 100
96 98.5 74.8 112.2



#6
Chloroethane
Concen: 2.853 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 64 Resp: 3109
Ion Ratio Lower Upper
64 100
66 32.3 26.4 39.6

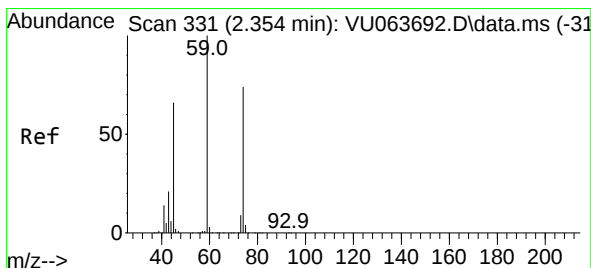
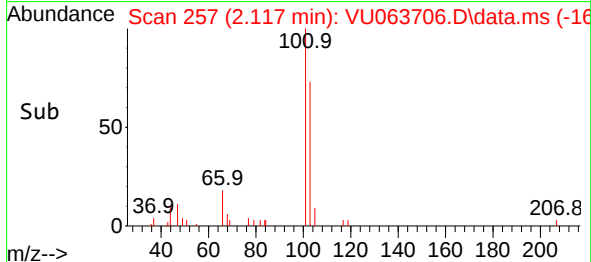
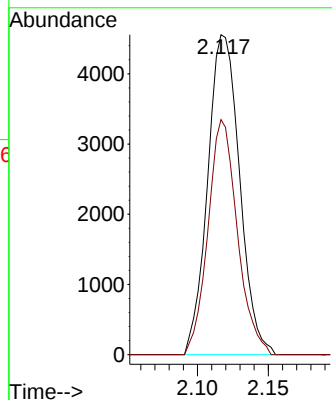
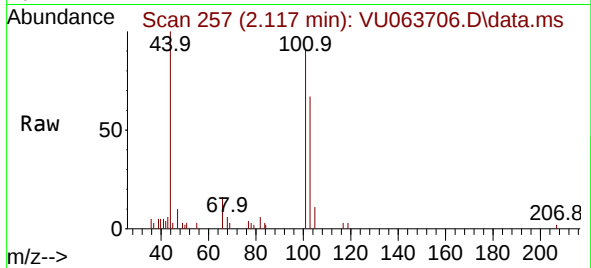




#7
Trichlorofluoromethane
Concen: 2.592 ug/l
RT: 2.117 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

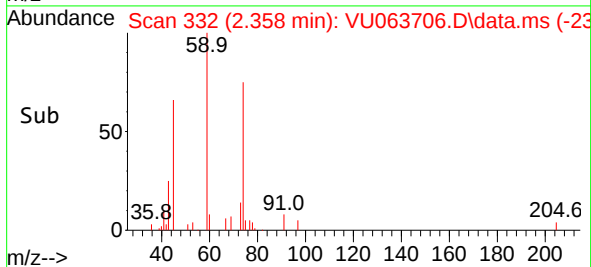
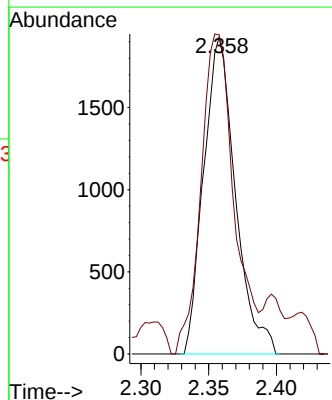
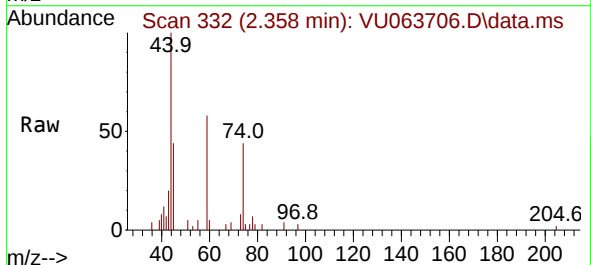
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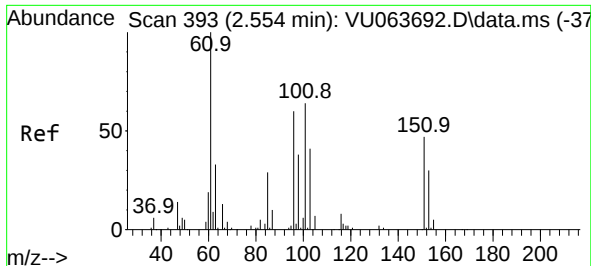
Tgt Ion:101 Resp: 7147
Ion Ratio Lower Upper
101 100
103 73.5 50.3 75.5



#8
Diethyl Ether
Concen: 2.677 ug/l
RT: 2.358 min Scan# 332
Delta R.T. 0.004 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 74 Resp: 3138
Ion Ratio Lower Upper
74 100
45 104.7 44.1 132.4

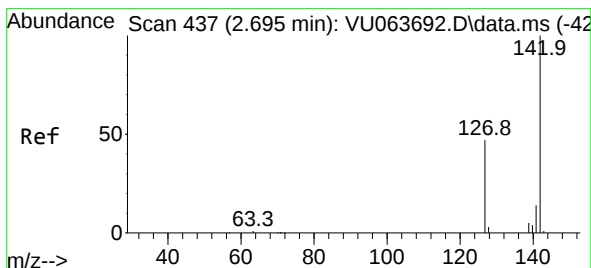
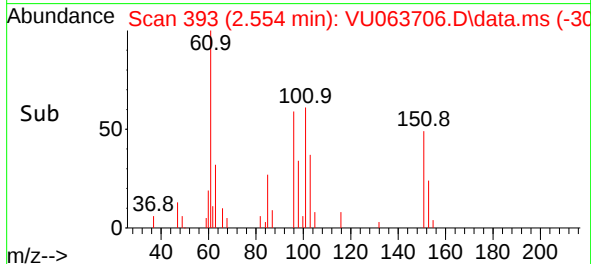
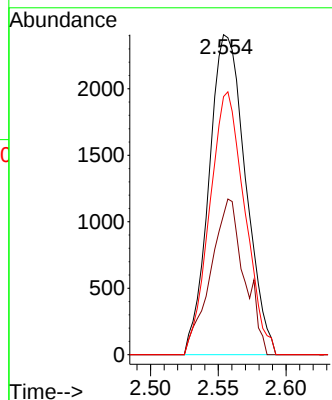
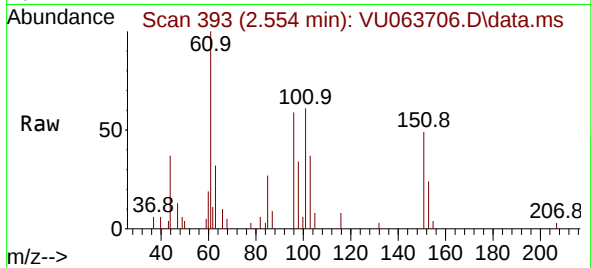




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.574 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063706.D
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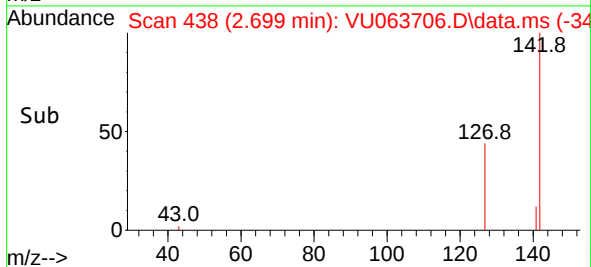
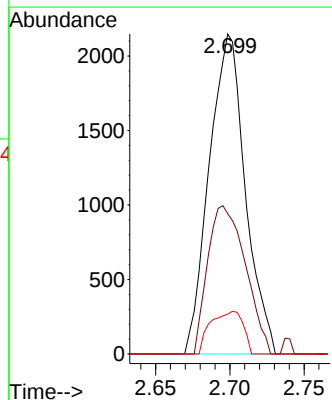
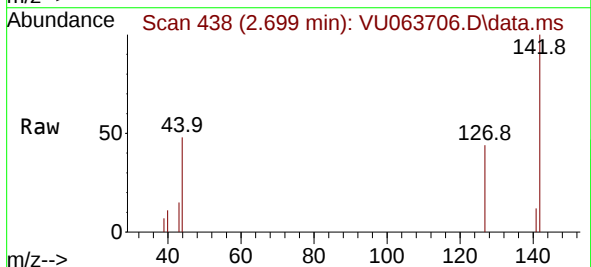
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

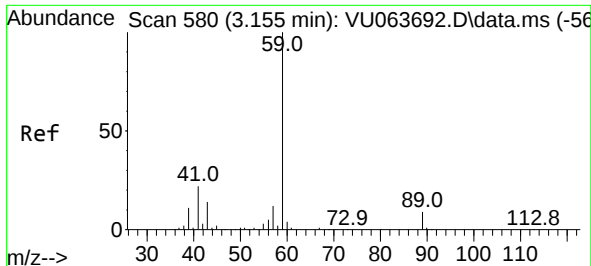
Tgt Ion:101 Resp: 4509
Ion Ratio Lower Upper
101 100
85 44.9 36.2 54.4
151 79.0 58.5 87.7



#10
Methyl Iodide
Concen: 2.077 ug/l
RT: 2.699 min Scan# 438
Delta R.T. 0.004 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion:142 Resp: 3627
Ion Ratio Lower Upper
142 100
127 48.5 37.2 55.8
141 12.0 11.4 17.0

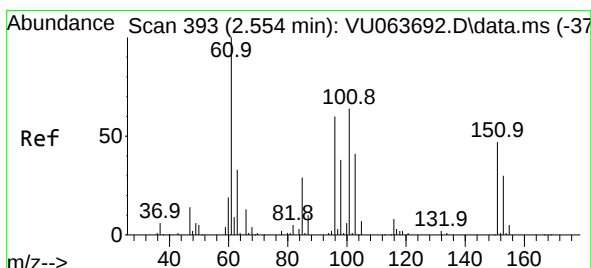
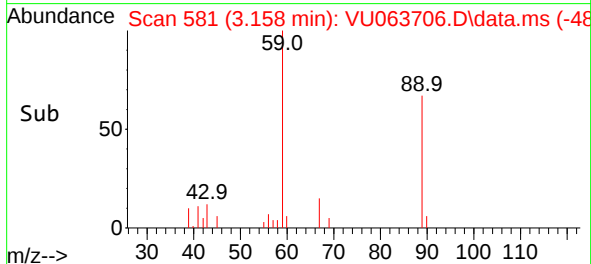
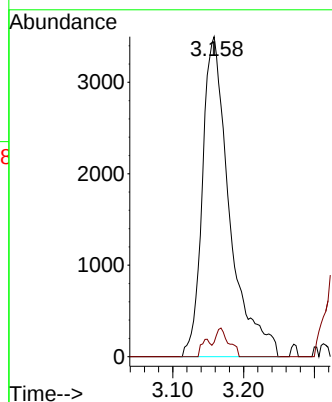
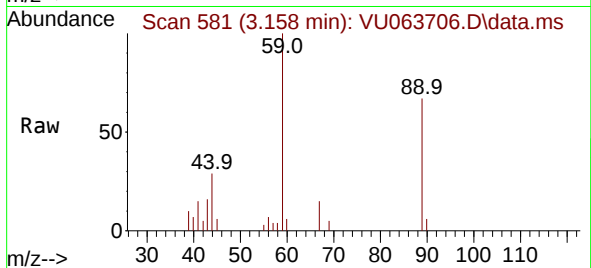




#11
Tert butyl alcohol
Concen: 13.925 ug/l
RT: 3.158 min Scan# 581
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

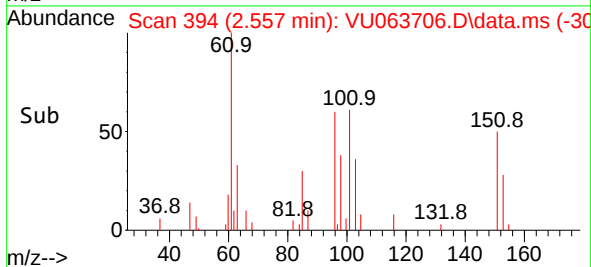
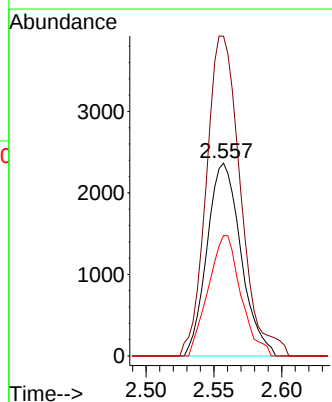
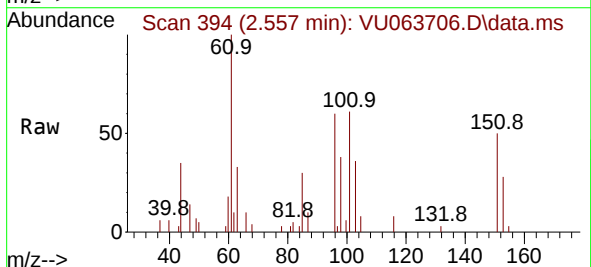
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

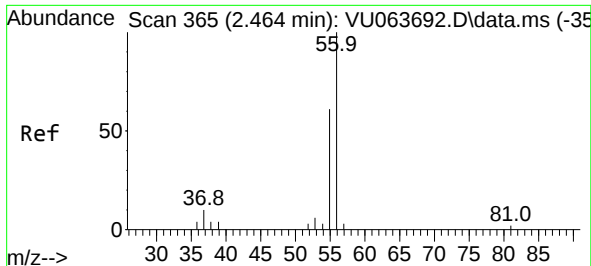
Tgt Ion: 59 Resp: 9310
Ion Ratio Lower Upper
59 100
57 1.9 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 2.727 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 96 Resp: 4113
Ion Ratio Lower Upper
96 100
61 165.9 133.1 199.7
98 62.5 50.7 76.1





#13

Acrolein

Concen: 17.566 ug/l

RT: 2.464 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA_U

ClientSampleId :

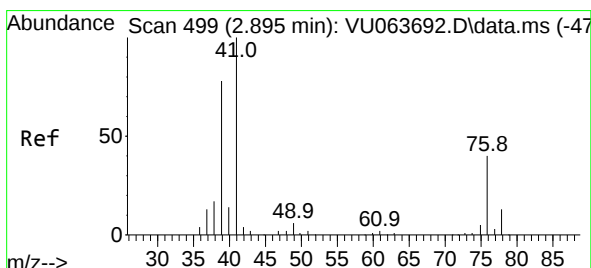
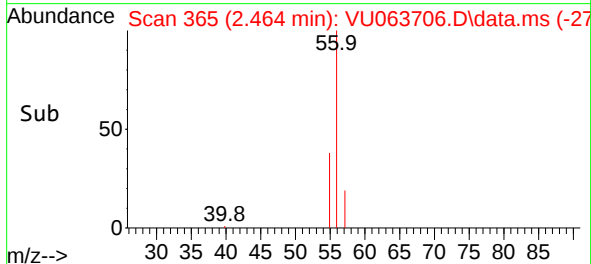
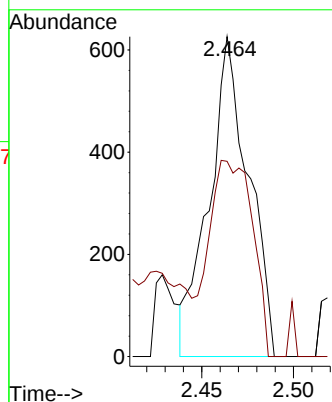
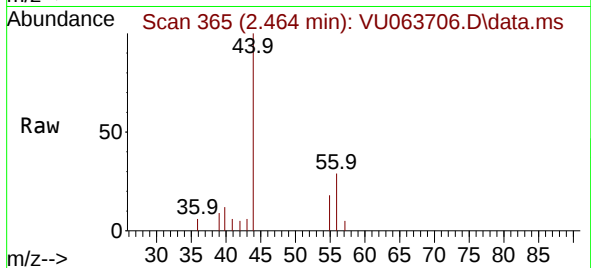
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 56 Resp: 939

Ion Ratio Lower Upper

56 100

55 68.4 47.1 70.7



#14

Allyl chloride

Concen: 2.620 ug/l

RT: 2.901 min Scan# 501

Delta R.T. 0.006 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

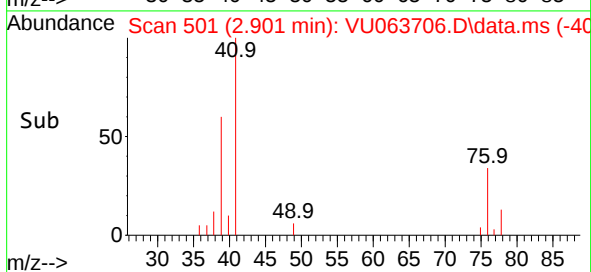
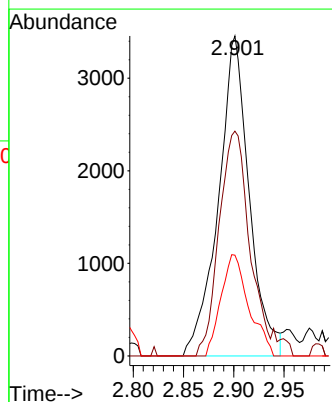
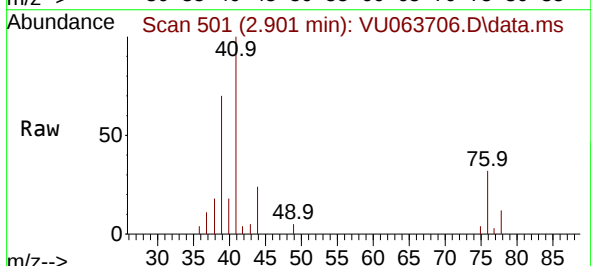
Tgt Ion: 41 Resp: 7371

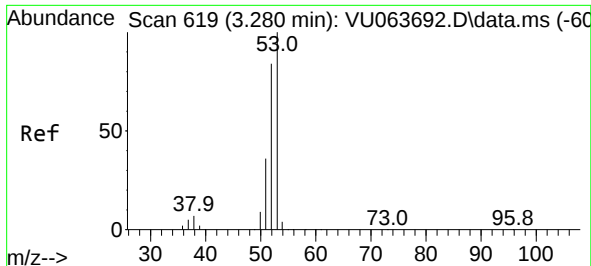
Ion Ratio Lower Upper

41 100

39 71.7 53.1 79.7

76 28.6 26.4 39.6

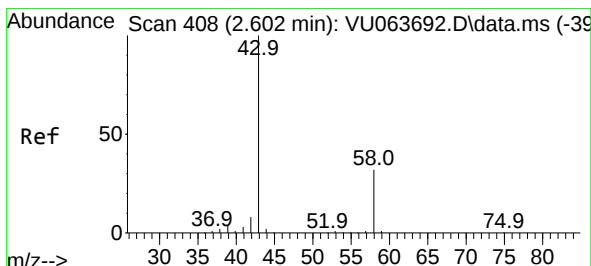
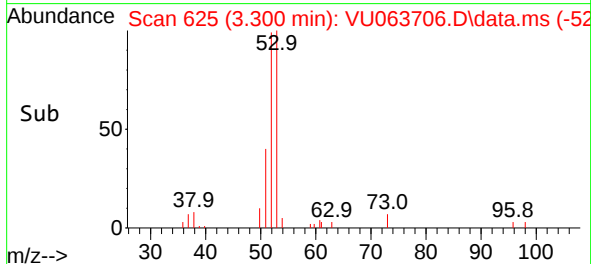
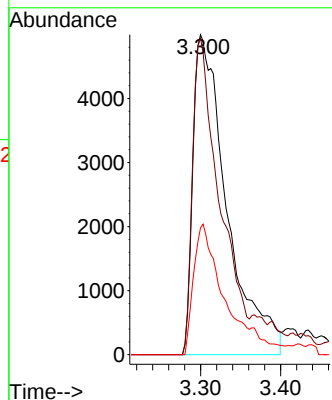
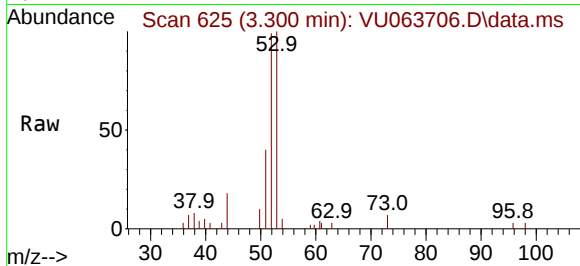




#15
Acrylonitrile
Concen: 10.734 ug/l
RT: 3.300 min Scan# 619
Delta R.T. 0.020 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

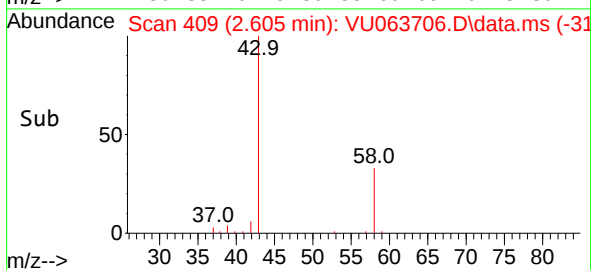
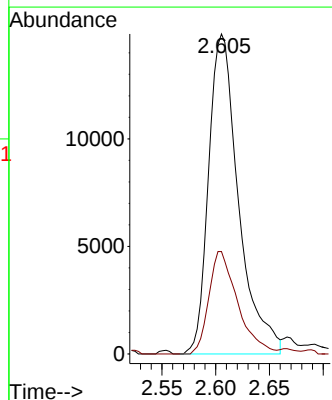
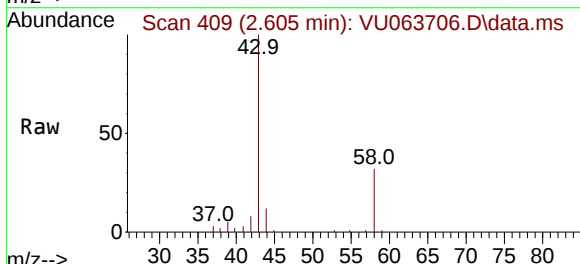
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

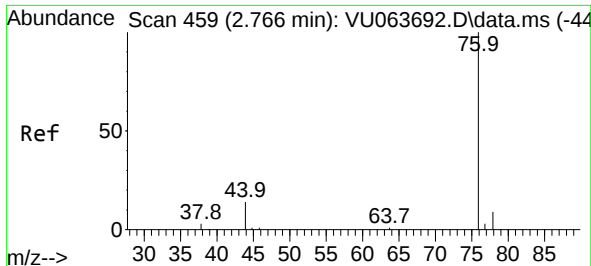
Tgt Ion: 53	Resp: 14697
Ion Ratio	Lower Upper
53	100
52	79.4 67.5 101.3
51	38.2 29.0 43.6



#16
Acetone
Concen: 15.370 ug/l
RT: 2.605 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 43	Resp: 28809
Ion Ratio	Lower Upper
43	100
58	32.0 25.4 38.2

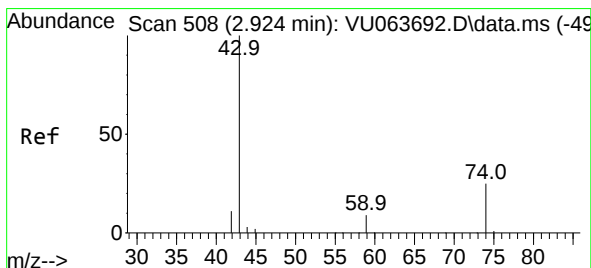
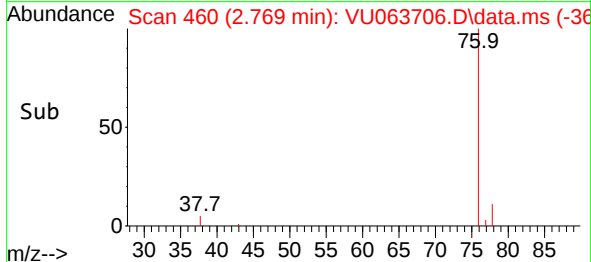
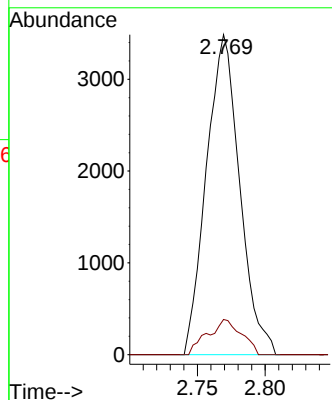
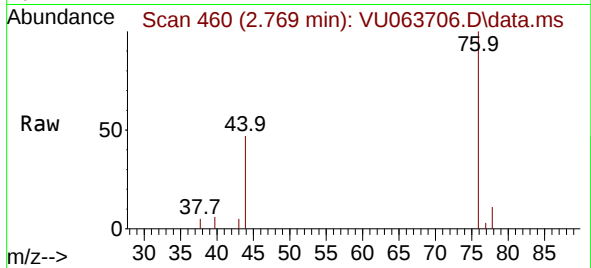




#17
Carbon Disulfide
Concen: 2.680 ug/l
RT: 2.769 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

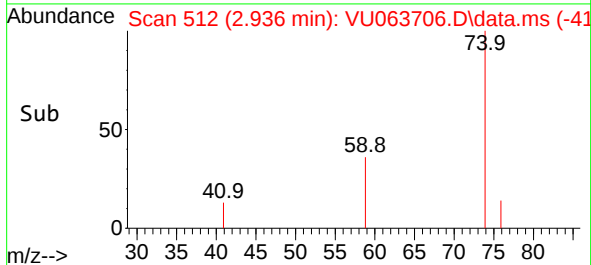
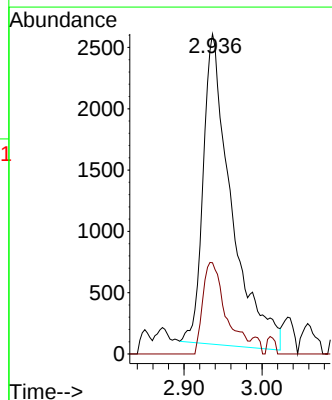
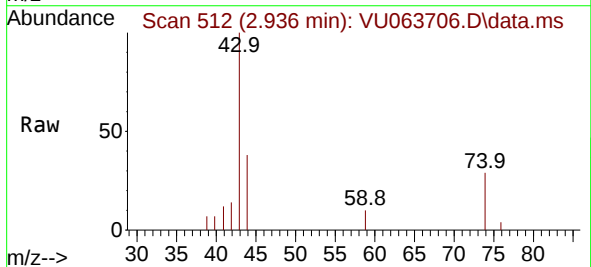
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

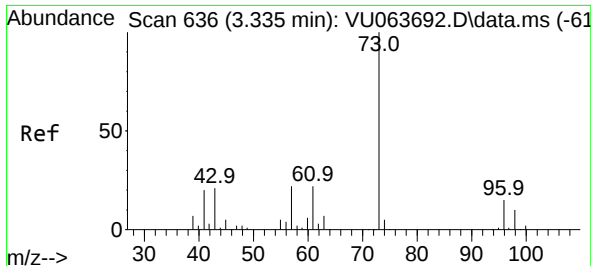
Tgt Ion: 76 Resp: 5948
Ion Ratio Lower Upper
76 100
78 11.0 7.0 10.6#



#18
Methyl Acetate
Concen: 1.423 ug/l
RT: 2.936 min Scan# 512
Delta R.T. 0.012 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 43 Resp: 6329
Ion Ratio Lower Upper
43 100
74 24.4 20.6 31.0

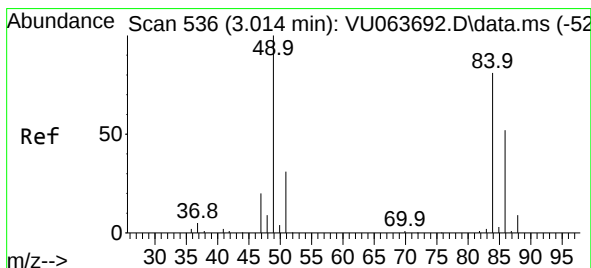
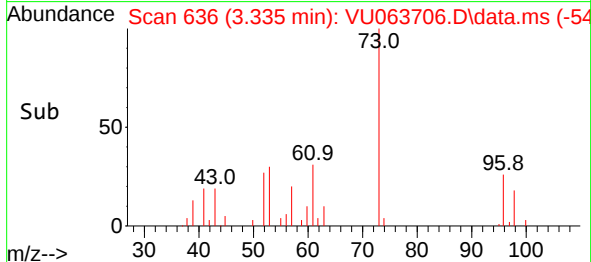
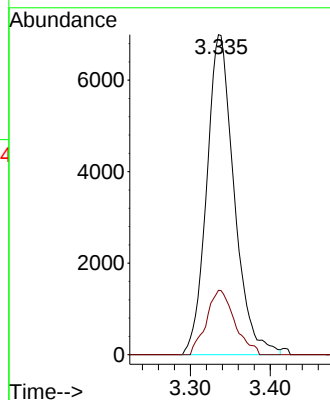
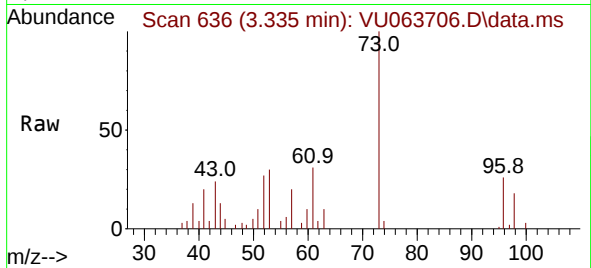




#19
Methyl tert-butyl Ether
Concen: 2.450 ug/l
RT: 3.335 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

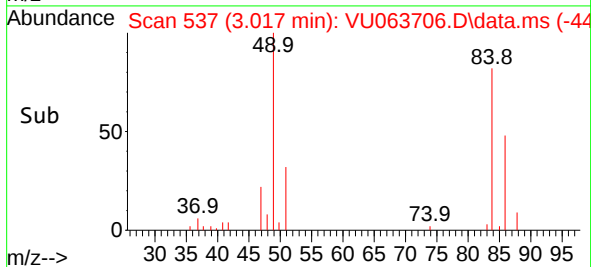
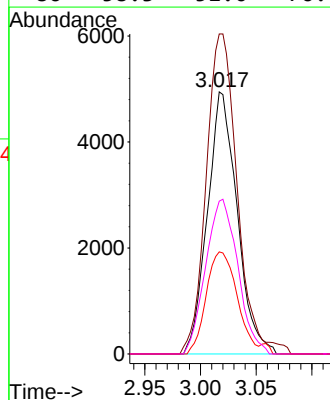
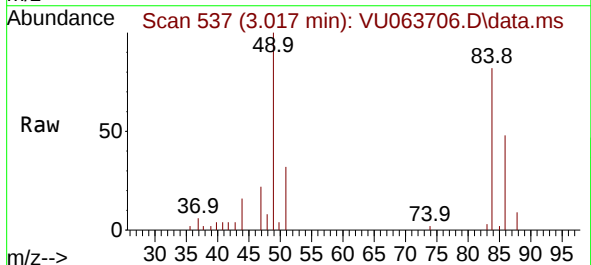
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

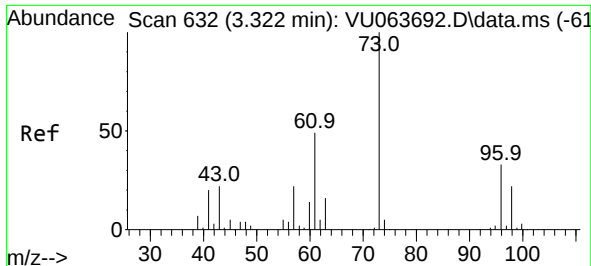
Tgt Ion: 73 Resp: 16678
Ion Ratio Lower Upper
73 100
57 20.1 17.4 26.2



#20
Methylene Chloride
Concen: 4.296 ug/l
RT: 3.017 min Scan# 537
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 84 Resp: 9179
Ion Ratio Lower Upper
84 100
49 122.1 98.4 147.6
51 39.0 30.1 45.1
86 58.3 51.0 76.6

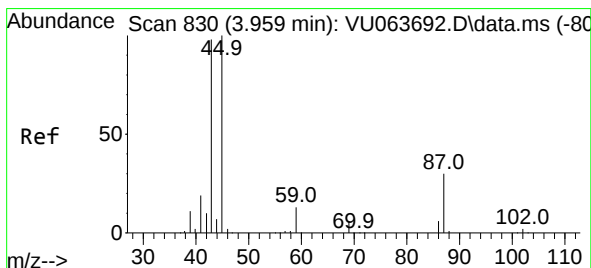
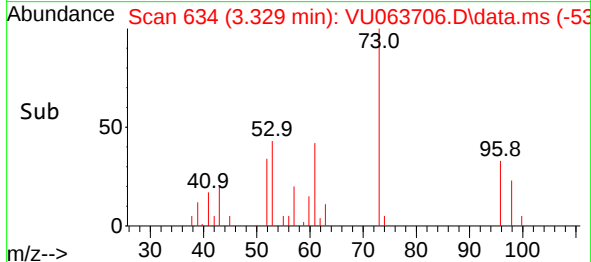
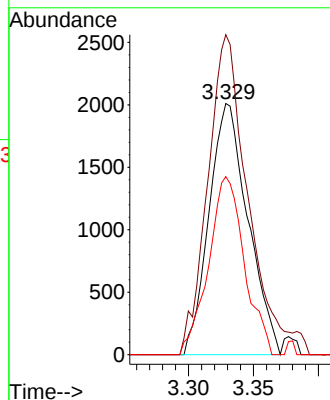
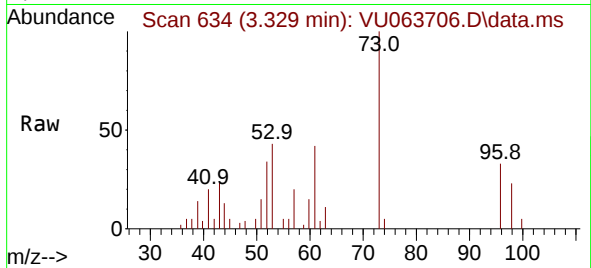




#21
trans-1,2-Dichloroethene
Concen: 2.704 ug/l
RT: 3.329 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

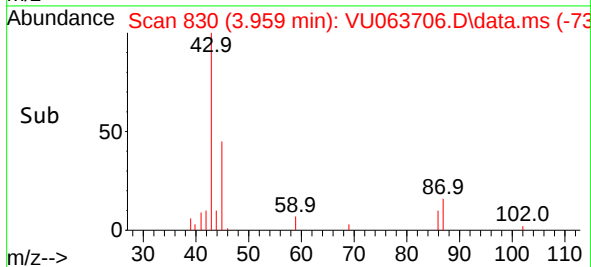
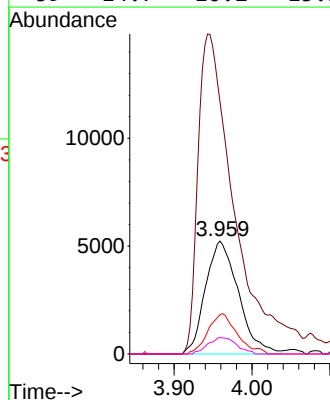
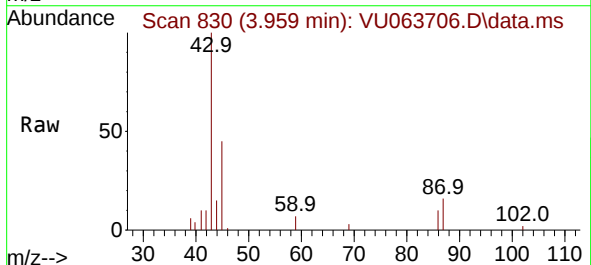
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

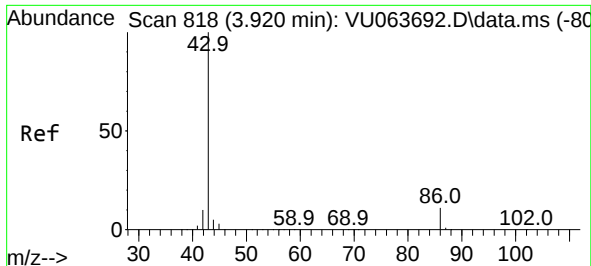
Tgt Ion: 96 Resp: 4188
Ion Ratio Lower Upper
96 100
61 127.4 117.5 176.3
98 70.9 52.7 79.1



#22
Diisopropyl ether
Concen: 2.480 ug/l
RT: 3.959 min Scan# 830
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 45 Resp: 15366
Ion Ratio Lower Upper
45 100
43 223.3 78.1 117.1#
87 34.9 23.8 35.8
59 14.7 10.2 15.2

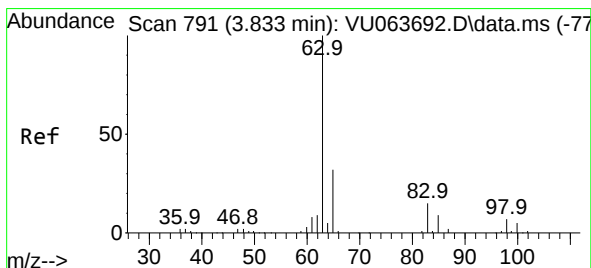
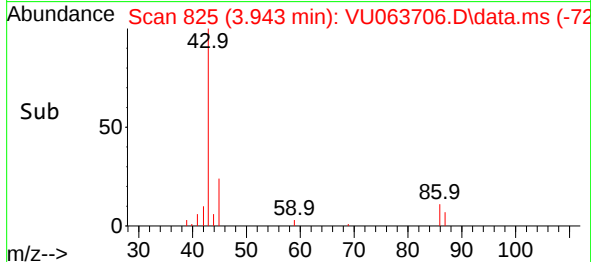
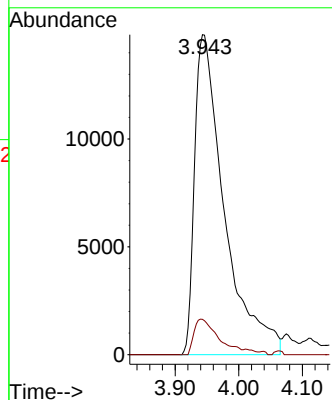
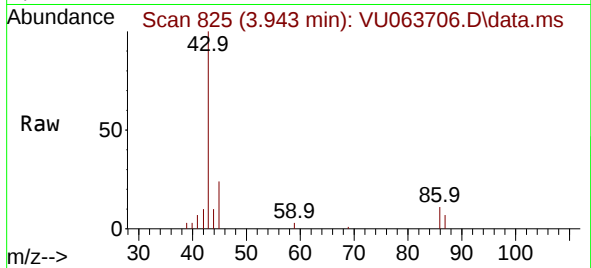




#23
 Vinyl Acetate
 Concen: 11.382 ug/l
 RT: 3.943 min Scan# 818
 Delta R.T. 0.023 min
 Lab File: VU063706.D
 Acq: 11 Nov 2025 15:19

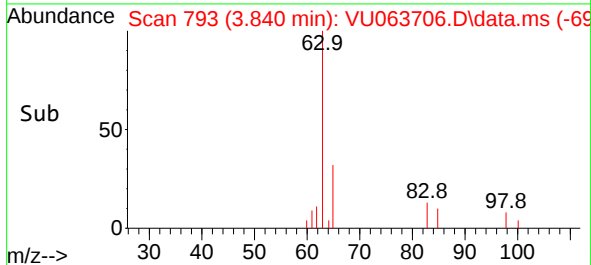
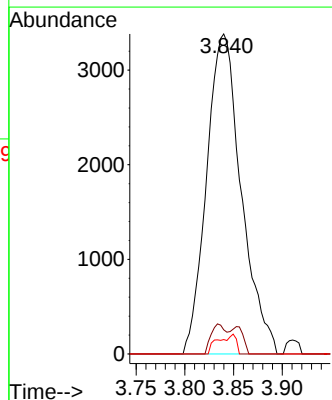
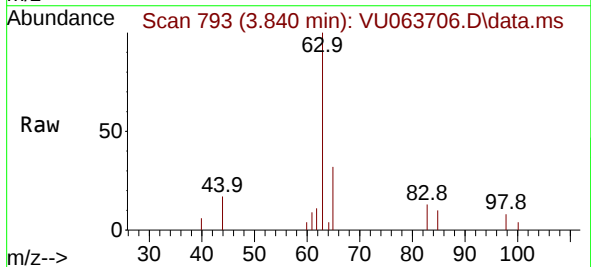
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

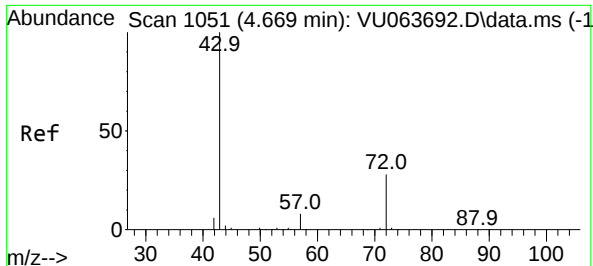
Tgt Ion: 43 Resp: 48094
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 2.343 ug/l
 RT: 3.840 min Scan# 793
 Delta R.T. 0.007 min
 Lab File: VU063706.D
 Acq: 11 Nov 2025 15:19

Tgt Ion: 63 Resp: 8373
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 4.5 2.5 7.5

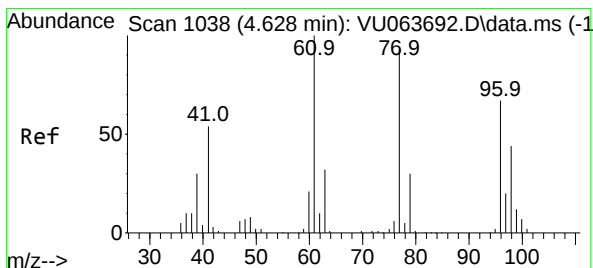
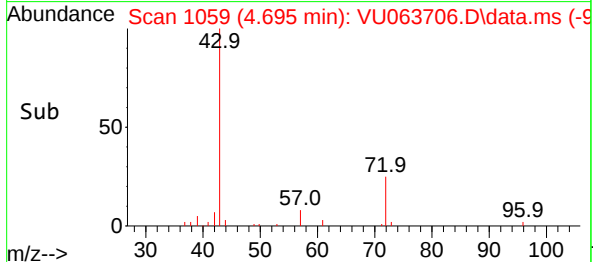
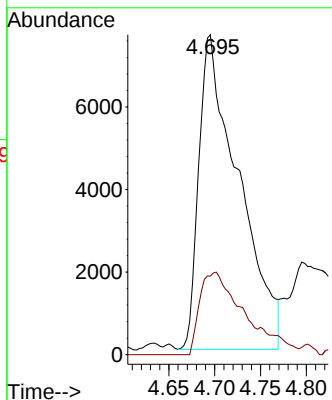
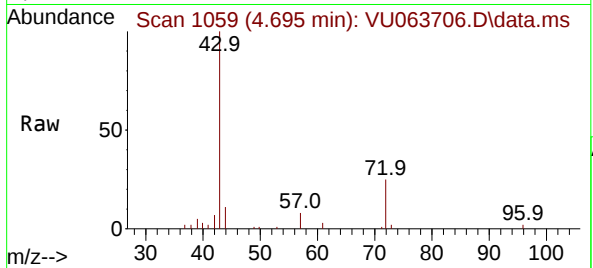




#25
2-Butanone
Concen: 11.588 ug/l
RT: 4.695 min Scan# 1059
Delta R.T. 0.026 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

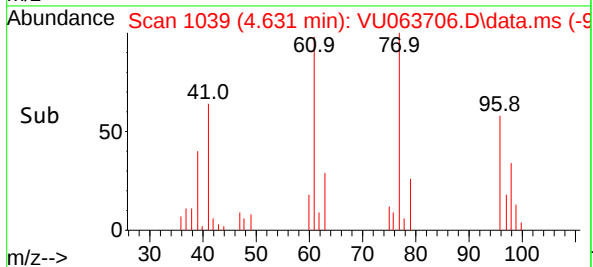
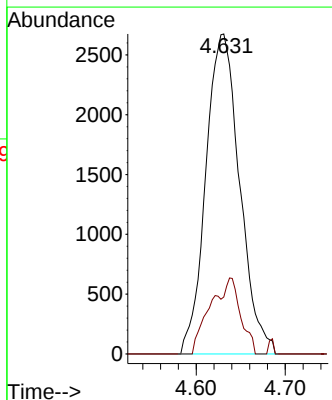
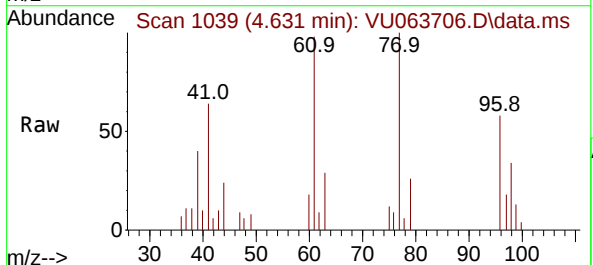
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

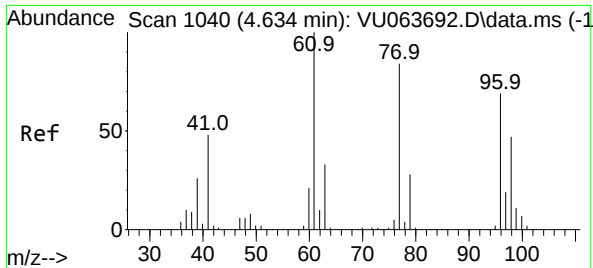
Tgt Ion: 43 Resp: 22864
Ion Ratio Lower Upper
43 100
72 25.0 22.0 33.0



#26
2,2-Dichloropropane
Concen: 2.301 ug/l
RT: 4.631 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 77 Resp: 7062
Ion Ratio Lower Upper
77 100
97 10.4 10.9 32.9#

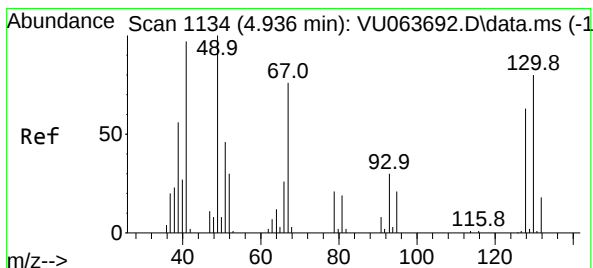
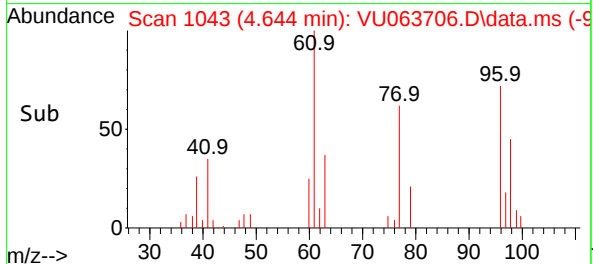
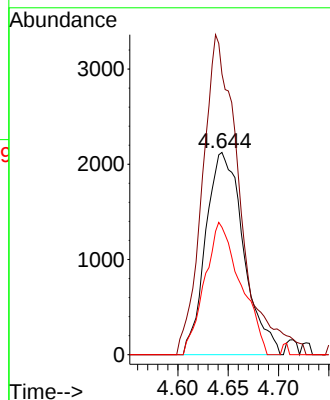
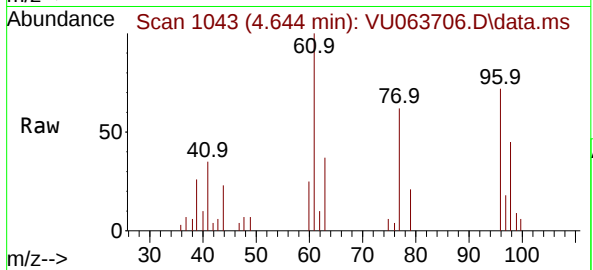




#27
cis-1,2-Dichloroethene
Concen: 2.451 ug/l
RT: 4.644 min Scan# 1104
Delta R.T. 0.010 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

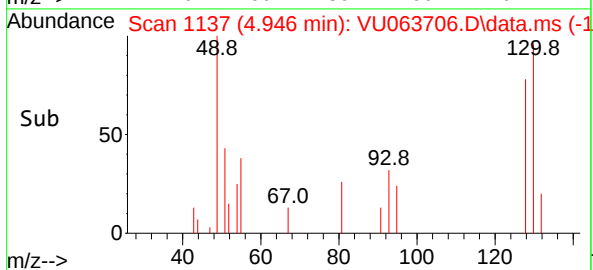
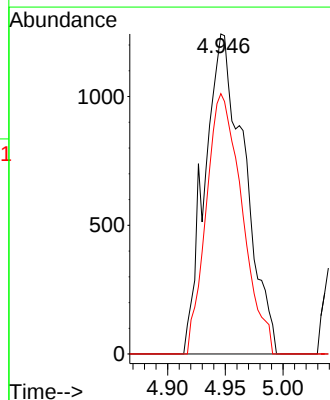
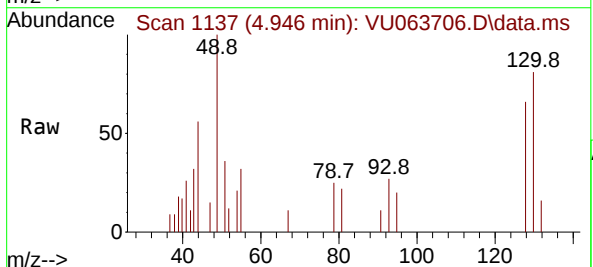
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

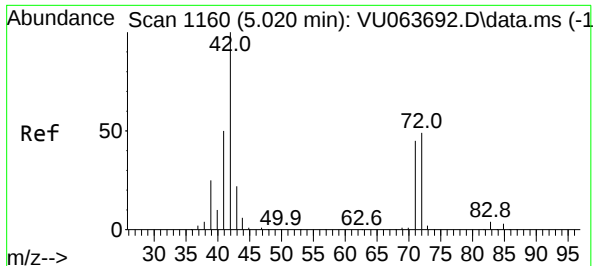
Tgt Ion: 96 Resp: 5546
Ion Ratio Lower Upper
96 100
61 155.5 0.0 295.4
98 62.1 0.0 131.8



#28
Bromochloromethane
Concen: 2.084 ug/l
RT: 4.946 min Scan# 1137
Delta R.T. 0.010 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 49 Resp: 2980
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 73.3 65.1 97.7





#29

Tetrahydrofuran

Concen: 10.523 ug/l

RT: 5.030 min Scan# 1163

Delta R.T. 0.010 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

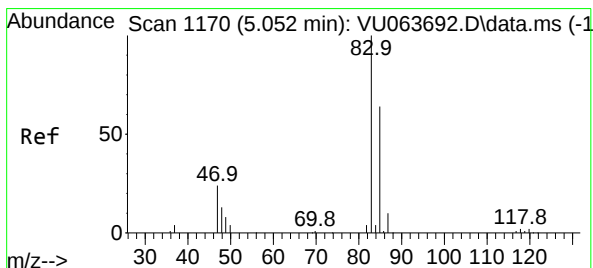
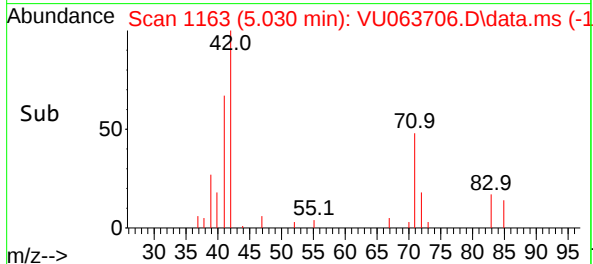
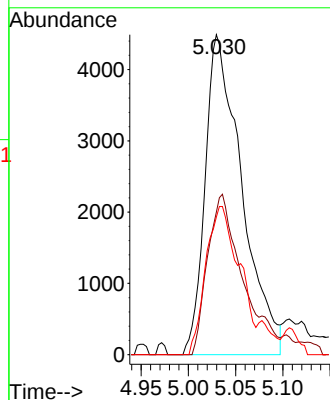
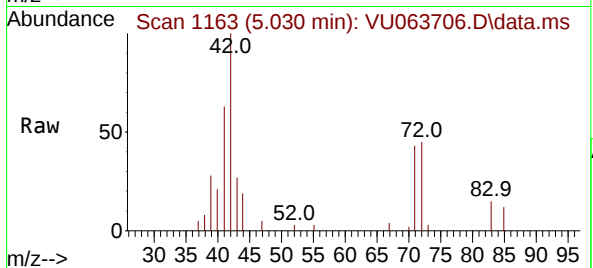
Tgt Ion: 42 Resp: 12082

Ion Ratio Lower Upper

42 100

72 48.1 40.0 60.0

71 42.3 37.4 56.0



#30

Chloroform

Concen: 2.591 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU063706.D

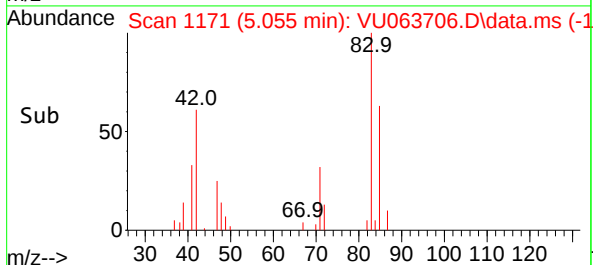
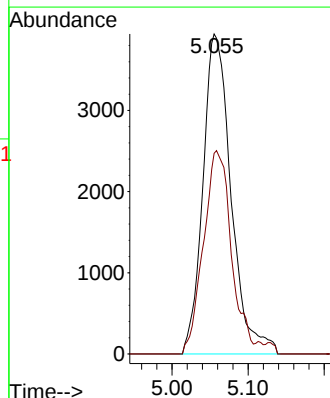
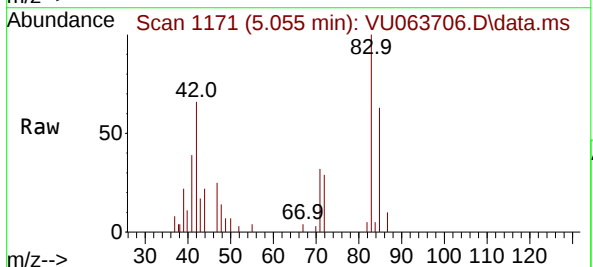
Acq: 11 Nov 2025 15:19

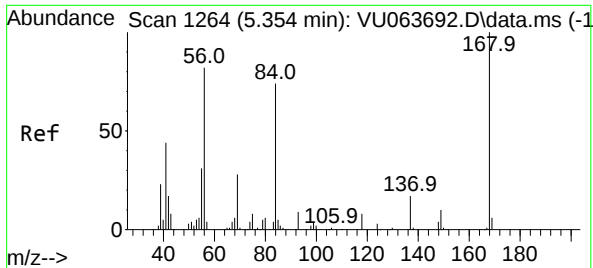
Tgt Ion: 83 Resp: 10144

Ion Ratio Lower Upper

83 100

85 62.7 51.0 76.6

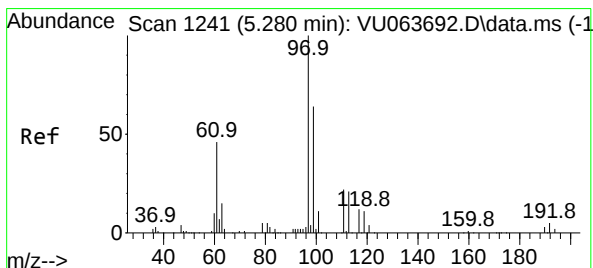
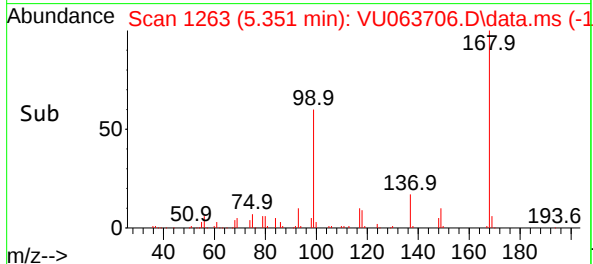
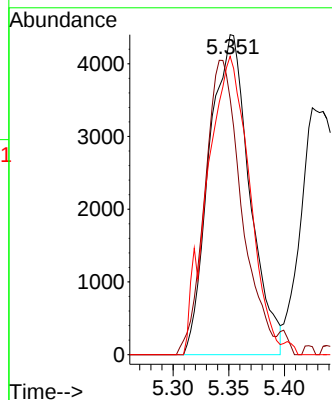
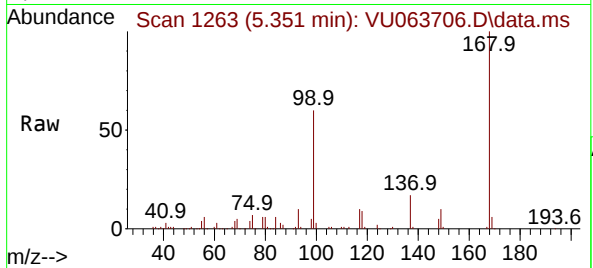




#31
Cyclohexane
Concen: 4.399 ug/l
RT: 5.351 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

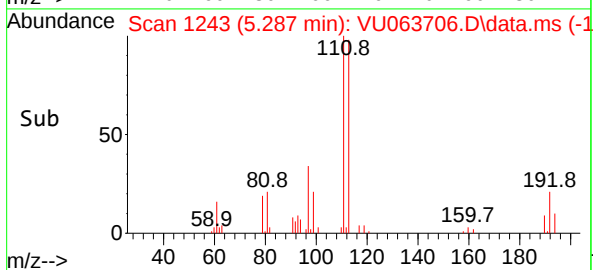
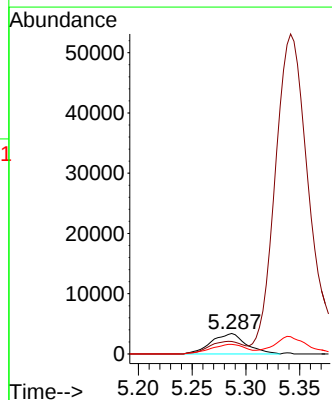
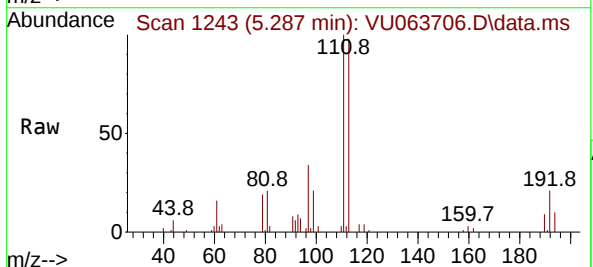
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

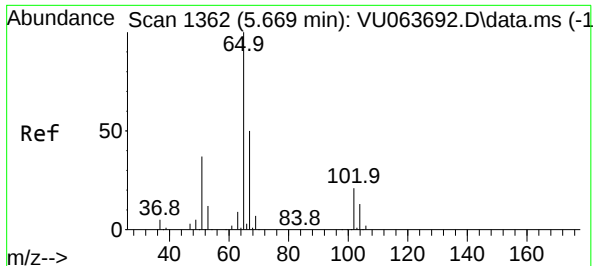
Tgt Ion: 56 Resp: 11100
Ion Ratio Lower Upper
56 100
69 77.7 27.0 40.6#
84 93.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 2.380 ug/l
RT: 5.287 min Scan# 1243
Delta R.T. 0.007 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 97 Resp: 7646
Ion Ratio Lower Upper
97 100
99 61.8 49.8 74.8
61 47.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.149 ug/l

RT: 5.673 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA_U

ClientSampleId :

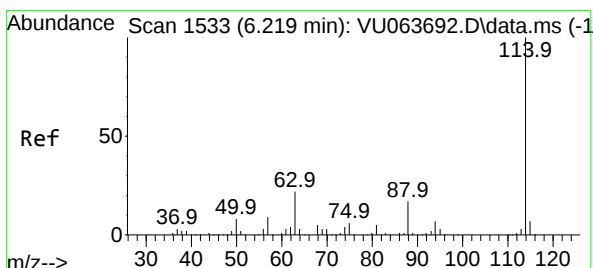
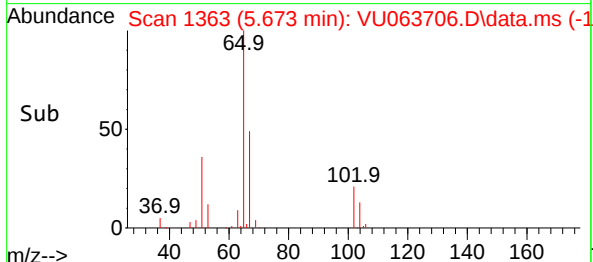
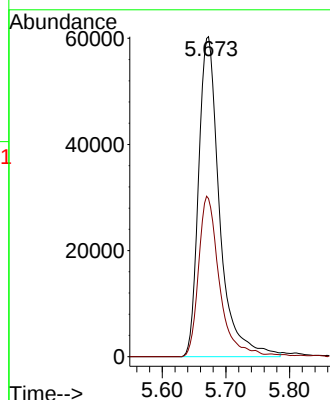
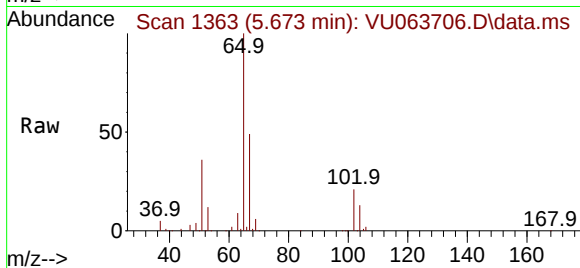
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 65 Resp: 137976

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.219 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

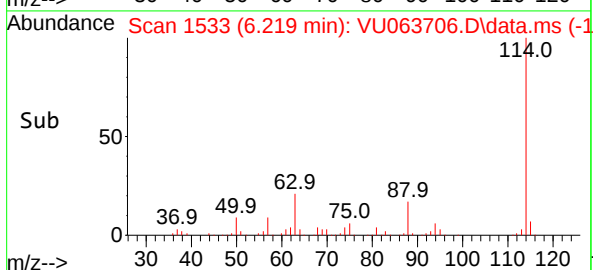
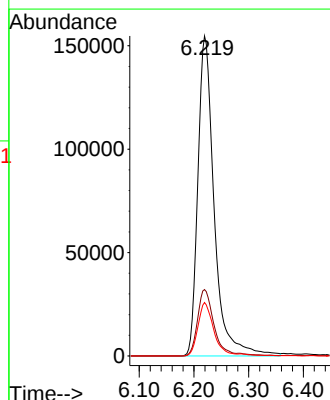
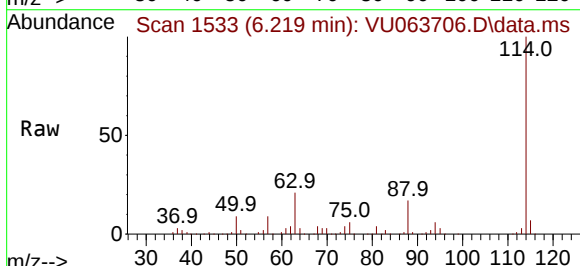
Tgt Ion: 114 Resp: 321344

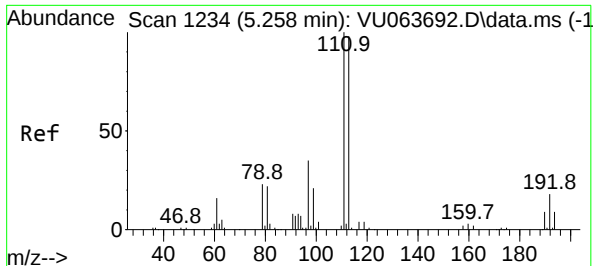
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 16.7 0.0 33.6

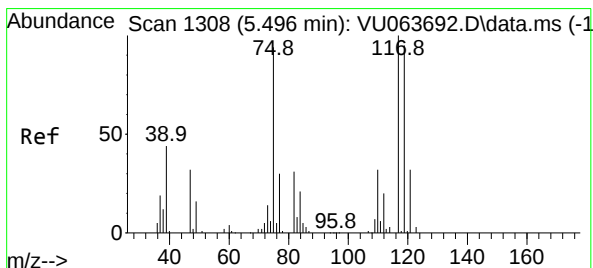
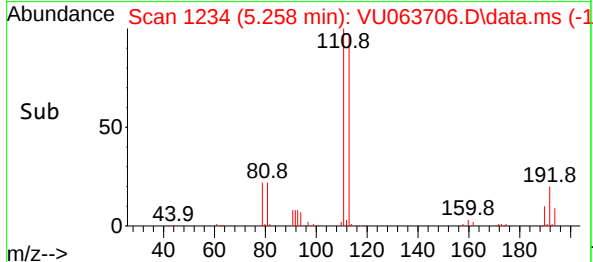
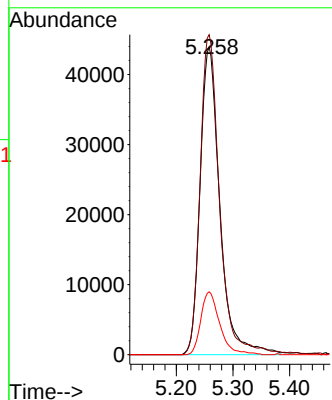
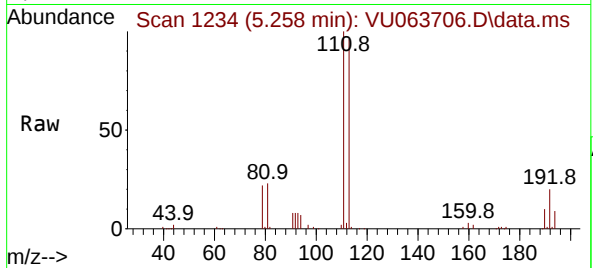




#35
Dibromofluoromethane
Concen: 47.205 ug/l
RT: 5.258 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

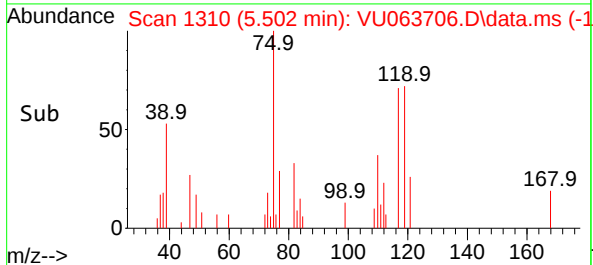
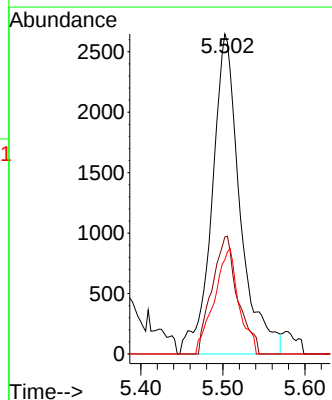
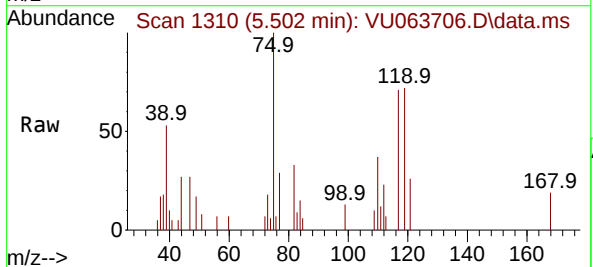
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

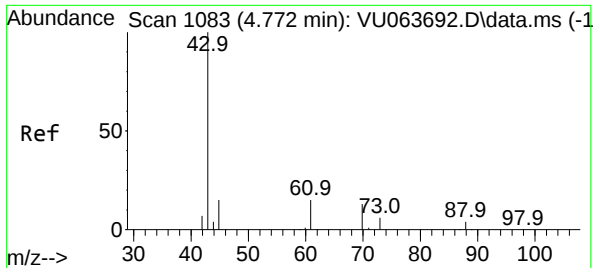
Tgt Ion:113 Resp: 106244
Ion Ratio Lower Upper
113 100
111 100.6 82.4 123.6
192 19.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 2.735 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 75 Resp: 6265
Ion Ratio Lower Upper
75 100
110 33.8 17.3 51.7
77 28.9 24.4 36.6





#37

Ethyl Acetate

Concen: 1.591 ug/l

RT: 4.795 min Scan# 1090

Delta R.T. 0.023 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

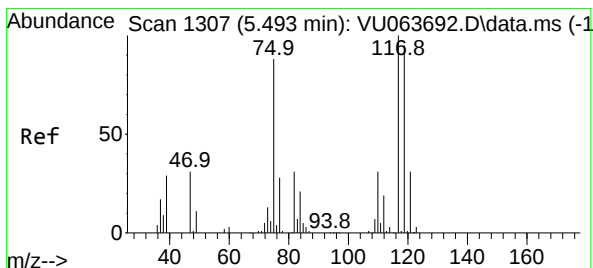
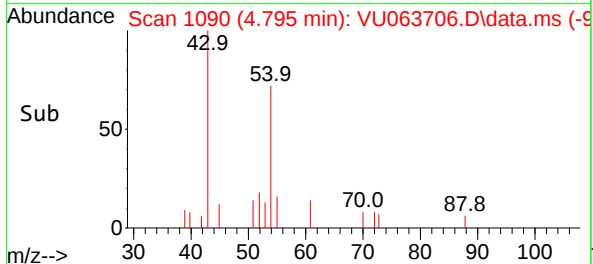
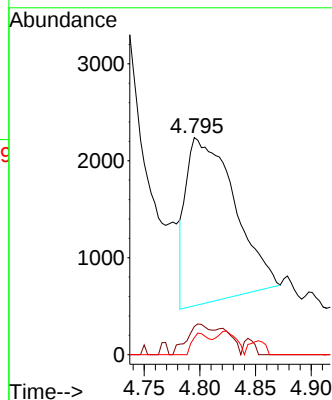
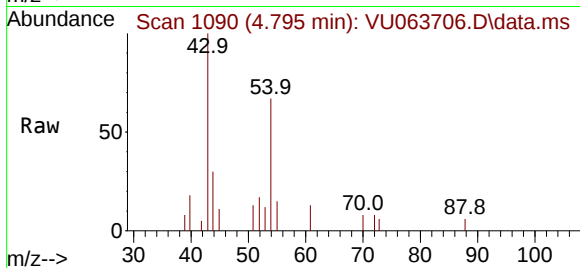
Tgt Ion: 43 Resp: 5160

Ion Ratio Lower Upper

43 100

61 9.0 10.3 15.5#

70 4.6 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 2.443 ug/l

RT: 5.493 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

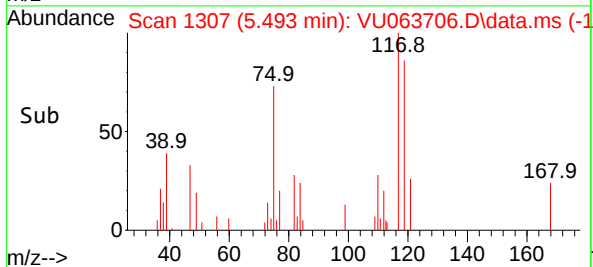
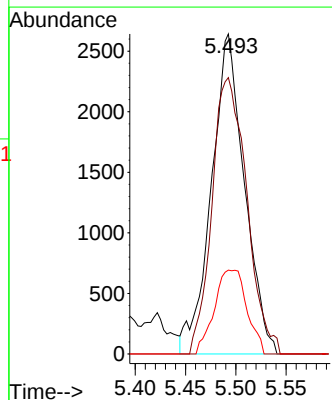
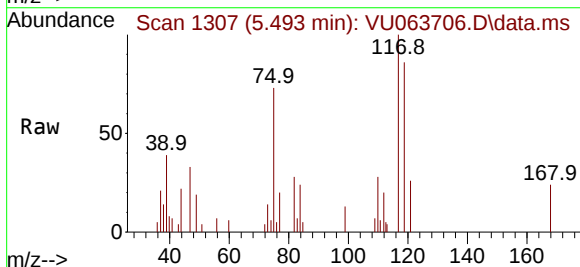
Tgt Ion: 117 Resp: 6049

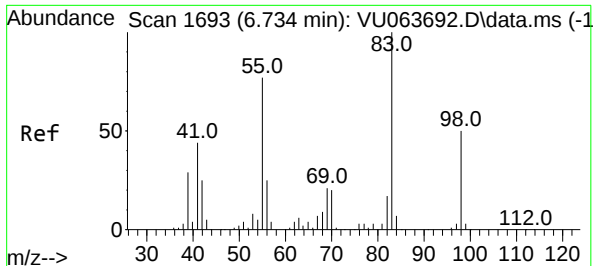
Ion Ratio Lower Upper

117 100

119 86.4 76.1 114.1

121 26.2 24.6 37.0





#39

Methylcyclohexane

Concen: 2.584 ug/l

RT: 6.731 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

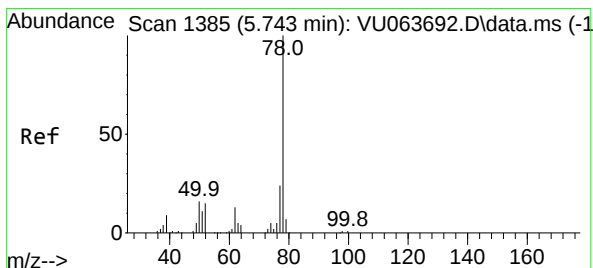
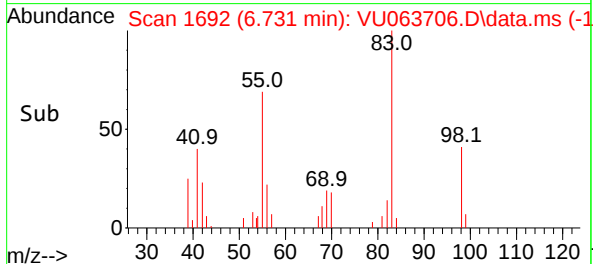
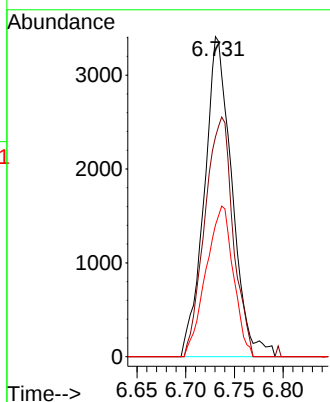
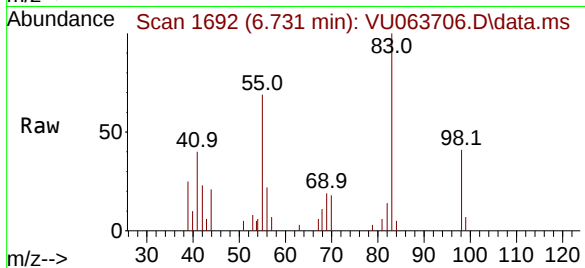
Tgt Ion: 83 Resp: 6721

Ion Ratio Lower Upper

83 100

55 68.7 61.6 92.4

98 41.1 40.0 60.0



#40

Benzene

Concen: 2.508 ug/l

RT: 5.747 min Scan# 1386

Delta R.T. 0.004 min

Lab File: VU063706.D

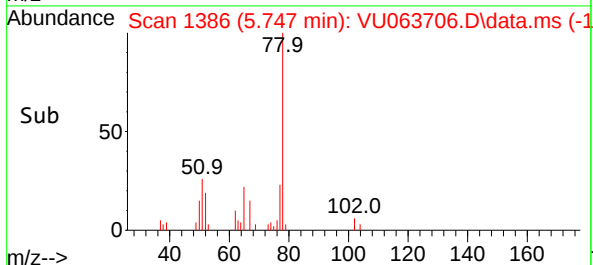
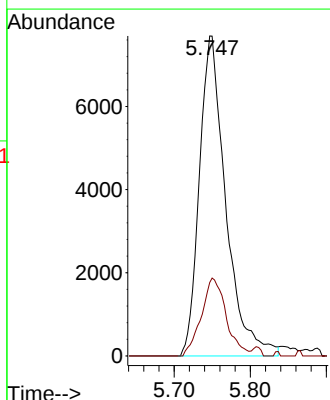
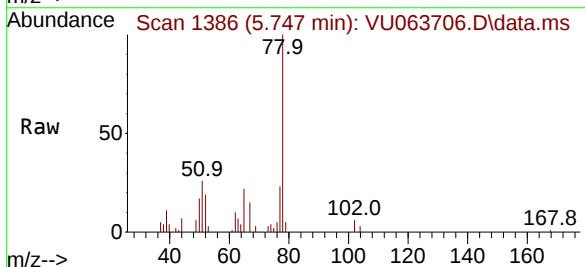
Acq: 11 Nov 2025 15:19

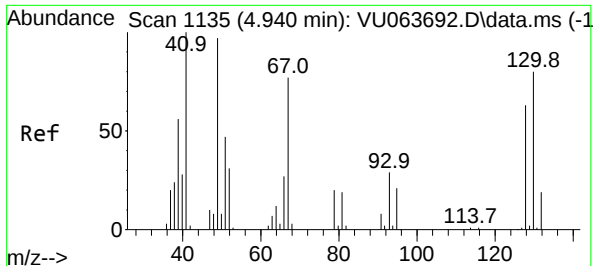
Tgt Ion: 78 Resp: 18539

Ion Ratio Lower Upper

78 100

77 22.9 18.9 28.3

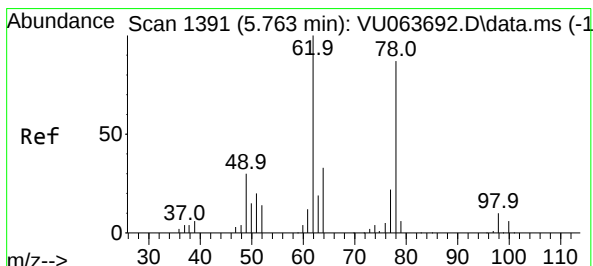
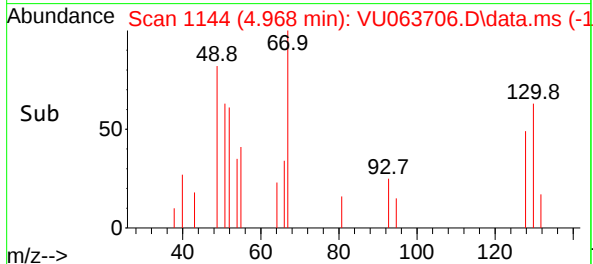
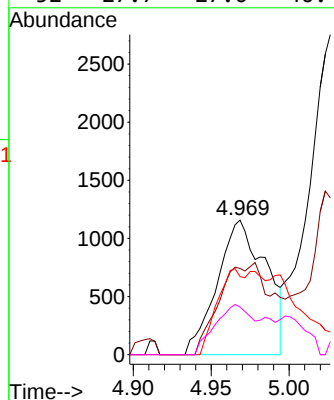
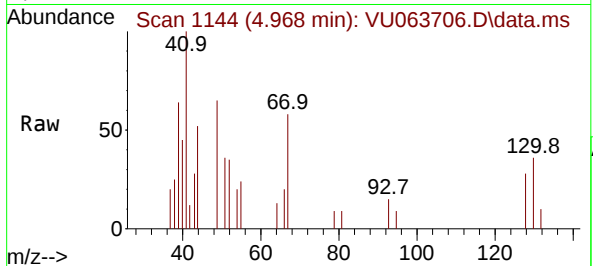




#41
Methacrylonitrile
Concen: 1.491 ug/l
RT: 4.968 min Scan# 1135
Delta R.T. 0.028 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

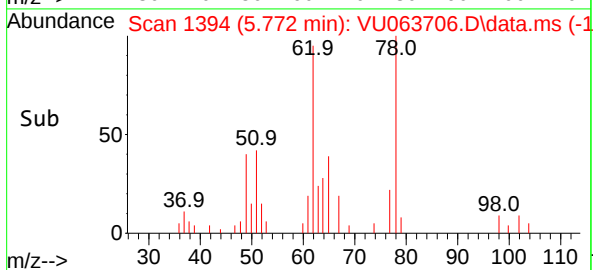
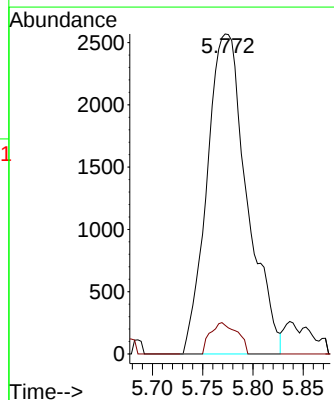
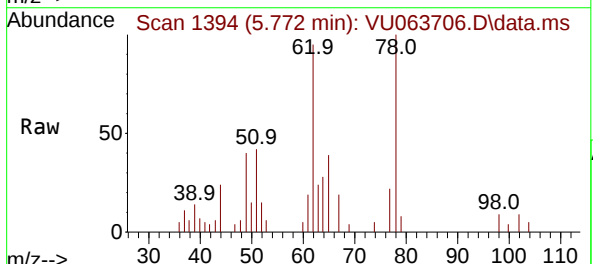
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

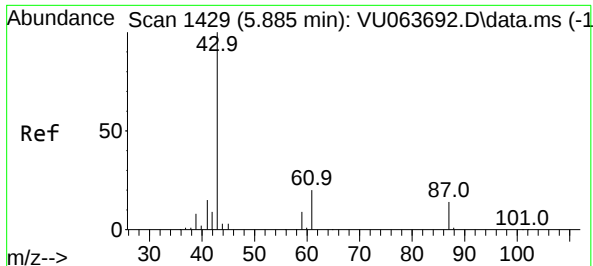
Tgt Ion: 41 Resp: 2513
Ion Ratio Lower Upper
41 100
39 75.0 44.7 67.1#
67 36.2 67.4 101.2#
52 27.7 27.0 40.4



#42
1,2-Dichloroethane
Concen: 2.431 ug/l
RT: 5.772 min Scan# 1394
Delta R.T. 0.009 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 62 Resp: 7089
Ion Ratio Lower Upper
62 100
98 6.6 0.0 18.2

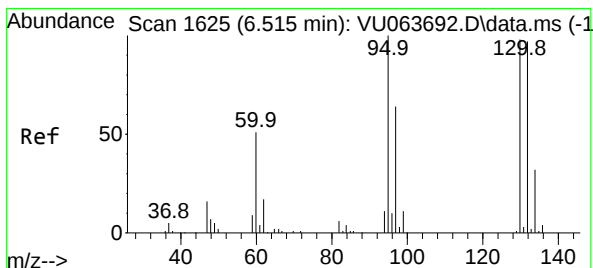
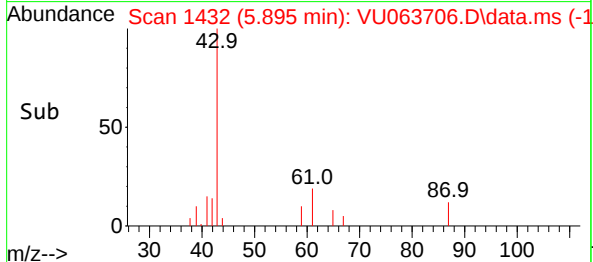
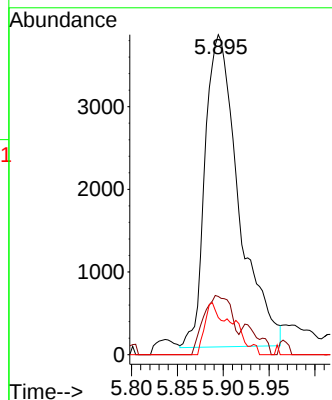
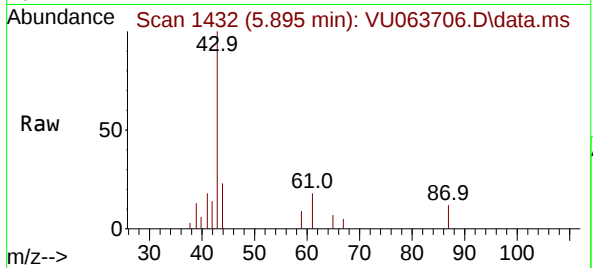




#43
Isopropyl Acetate
Concen: 2.027 ug/l
RT: 5.895 min Scan# 1429
Delta R.T. 0.010 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

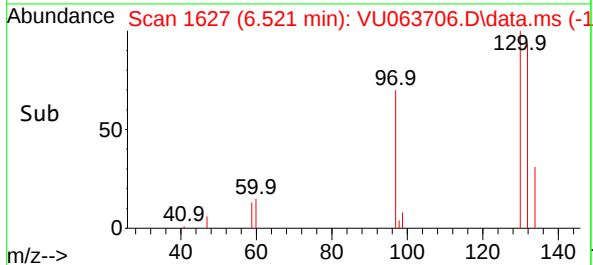
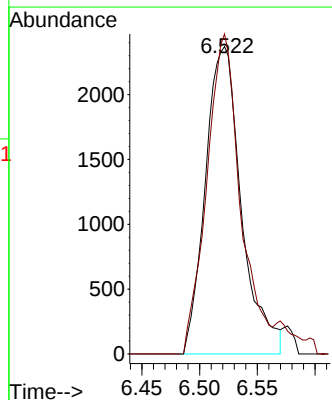
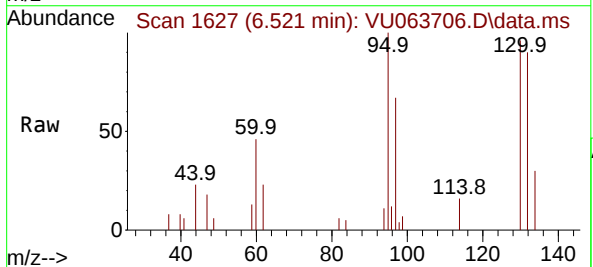
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

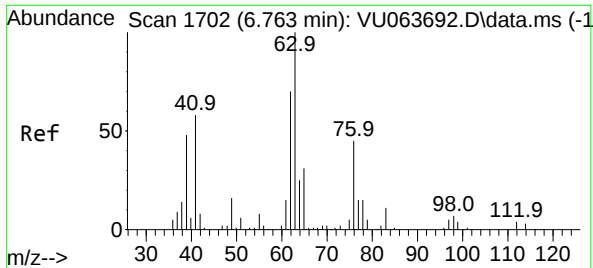
Tgt Ion: 43	Resp: 9635
Ion Ratio	Lower Upper
43	100
61	16.0 15.9 23.9
87	13.6 11.0 16.6



#44
Trichloroethene
Concen: 2.476 ug/l
RT: 6.521 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 130	Resp: 5136
Ion Ratio	Lower Upper
130	100
95	104.1 0.0 203.6





#45

1,2-Dichloropropane

Concen: 2.569 ug/l

RT: 6.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA_U

ClientSampleId :

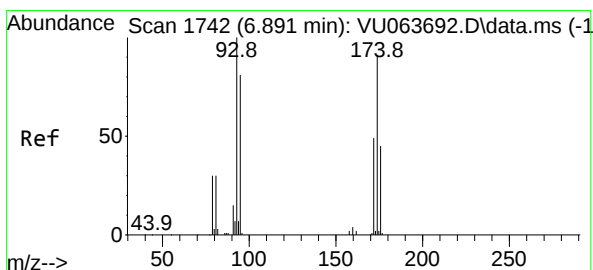
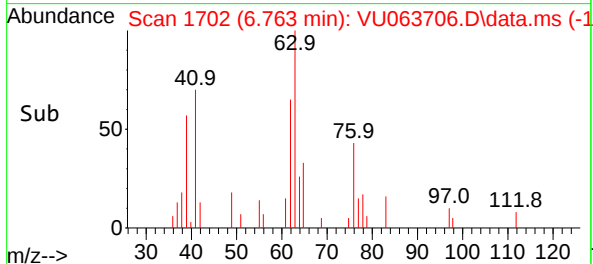
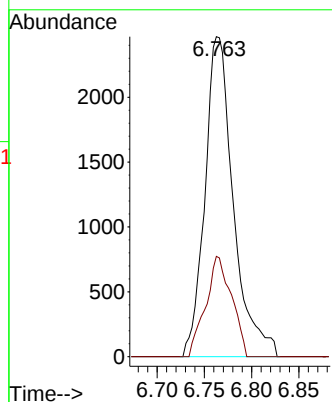
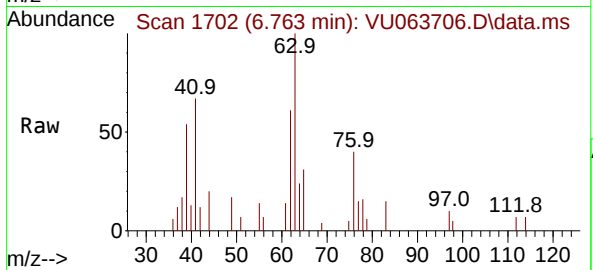
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 63 Resp: 5162

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 2.609 ug/l

RT: 6.894 min Scan# 1743

Delta R.T. 0.003 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

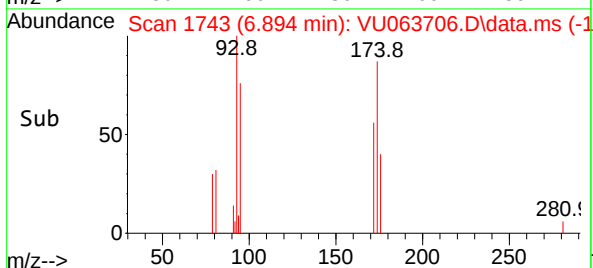
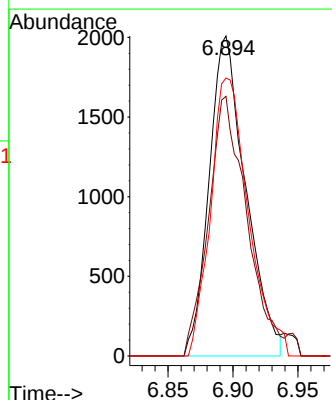
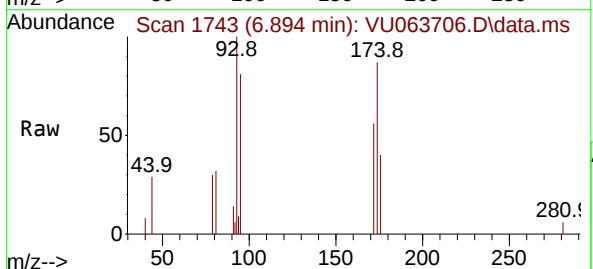
Tgt Ion: 93 Resp: 3936

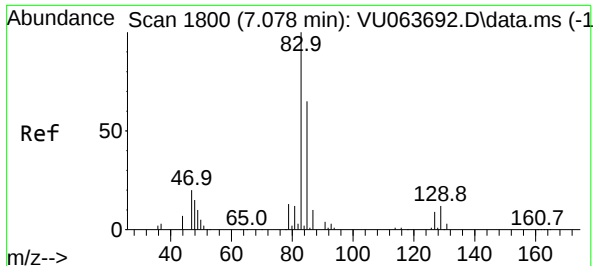
Ion Ratio Lower Upper

93 100

95 85.0 65.9 98.9

174 89.8 74.9 112.3

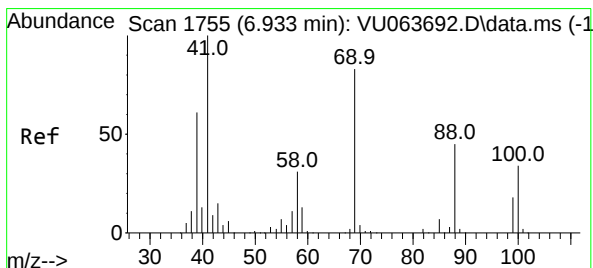
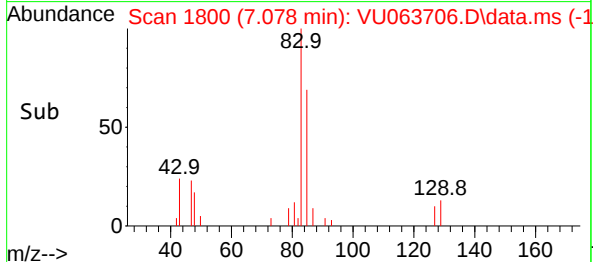
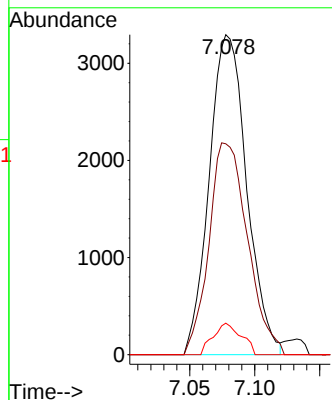
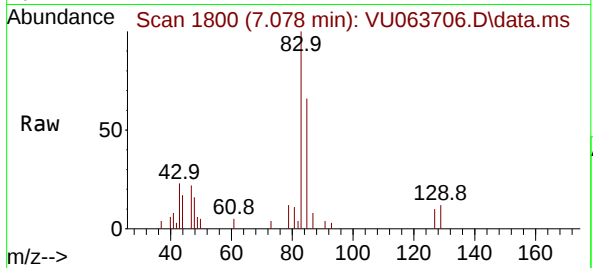




#47
Bromodichloromethane
Concen: 2.159 ug/l
RT: 7.078 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

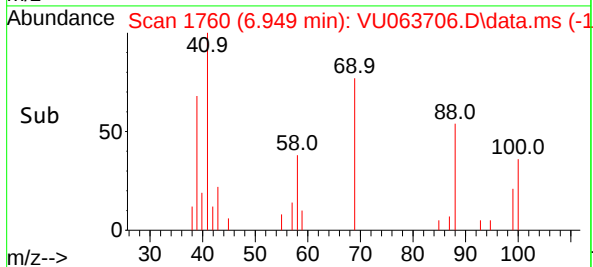
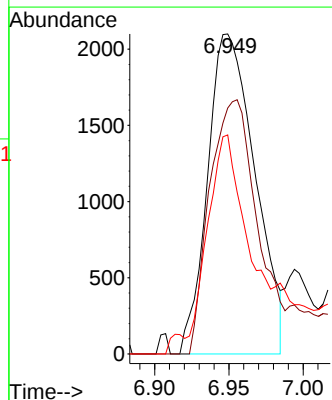
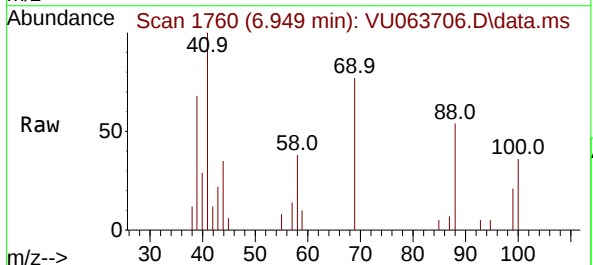
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

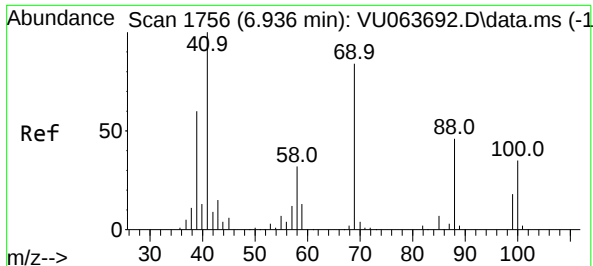
Tgt Ion: 83	Resp: 6604		
Ion Ratio	Lower	Upper	
83	100		
85	65.9	51.9	77.9
127	9.9	6.9	10.3



#48
Methyl methacrylate
Concen: 2.004 ug/l
RT: 6.949 min Scan# 1760
Delta R.T. 0.016 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 41	Resp: 4677		
Ion Ratio	Lower	Upper	
41	100		
69	79.9	72.9	109.3
39	71.6	51.0	76.4

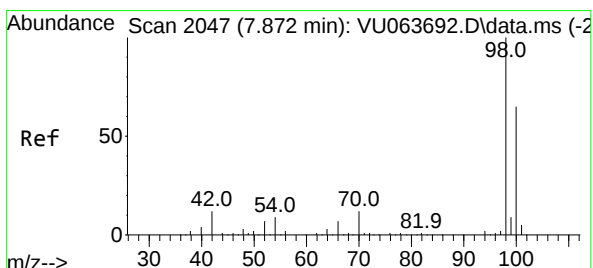
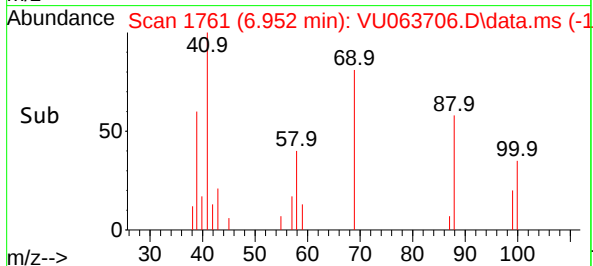
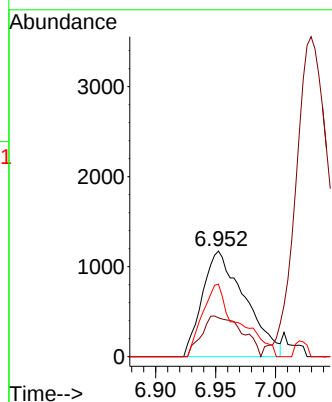
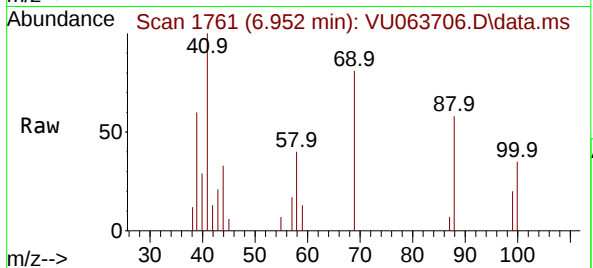




#49
1,4-Dioxane
Concen: 47.002 ug/l
RT: 6.952 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

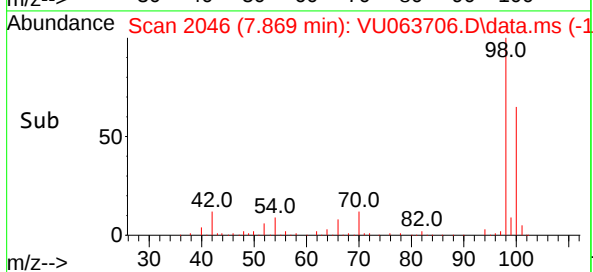
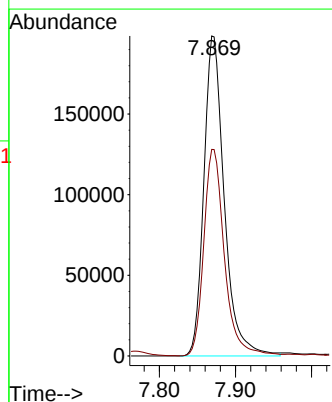
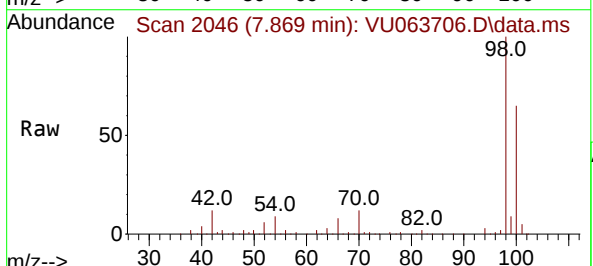
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

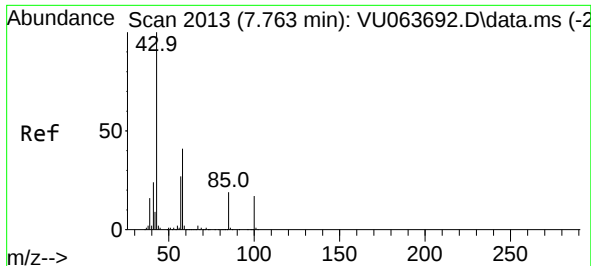
Tgt Ion: 88 Resp: 2906
Ion Ratio Lower Upper
88 100
43 36.3 24.1 36.1#
58 57.5 54.2 81.4



#50
Toluene-d8
Concen: 45.690 ug/l
RT: 7.869 min Scan# 2046
Delta R.T. -0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 98 Resp: 369435
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

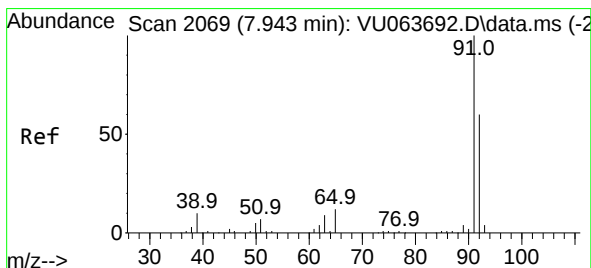
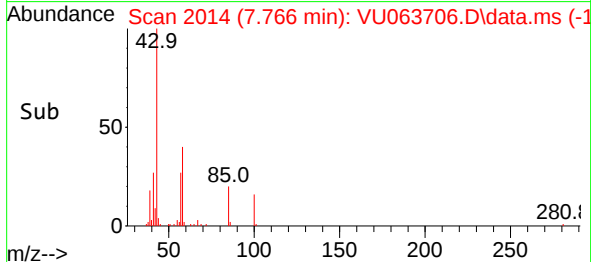
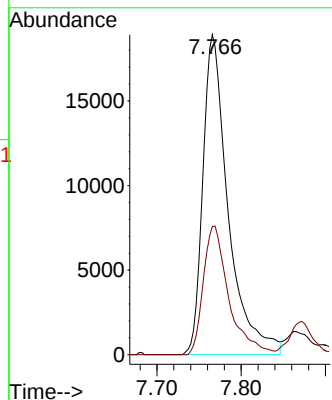
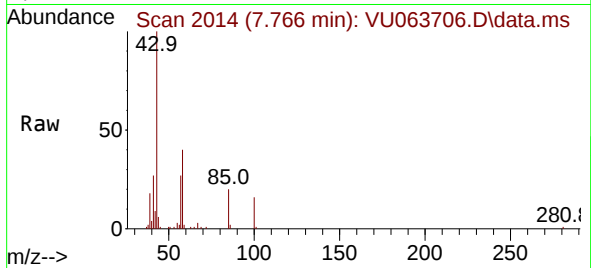




#51
4-Methyl-2-Pentanone
Concen: 10.885 ug/l
RT: 7.766 min Scan# 2013
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

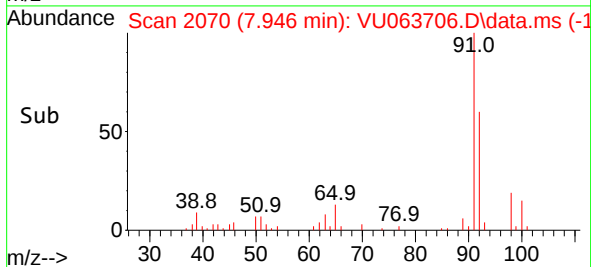
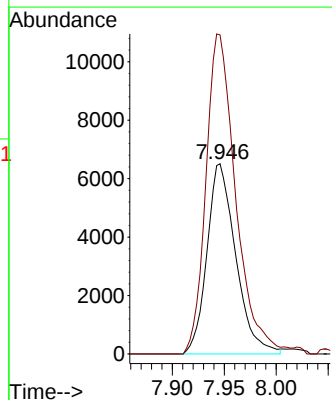
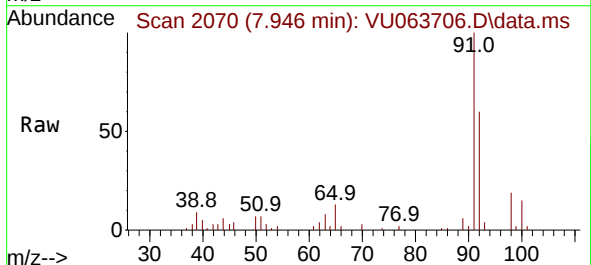
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

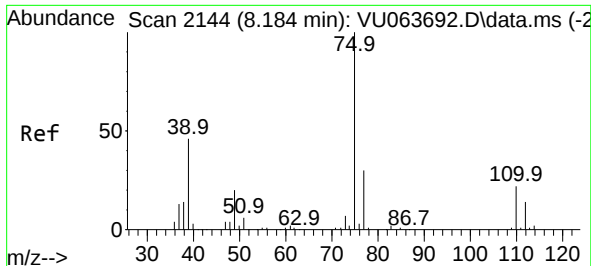
Tgt Ion: 43 Resp: 39600
Ion Ratio Lower Upper
43 100
58 40.5 32.3 48.5



#52
Toluene
Concen: 2.608 ug/l
RT: 7.946 min Scan# 2070
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 92 Resp: 12514
Ion Ratio Lower Upper
92 100
91 174.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 2.152 ug/l

RT: 8.190 min Scan# 2144

Delta R.T. 0.006 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA_U

ClientSampleId :

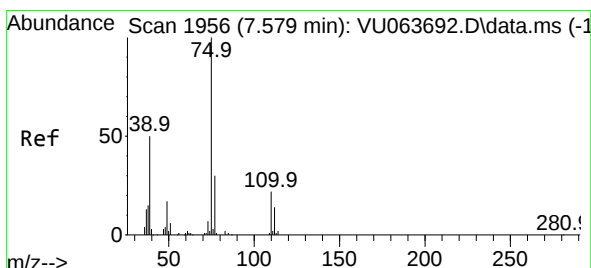
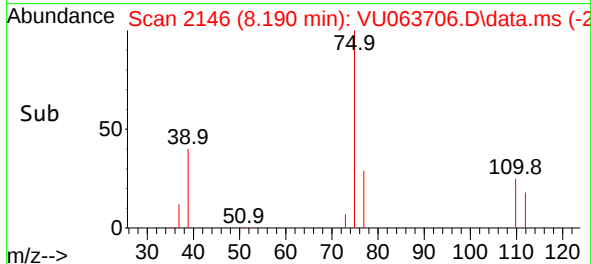
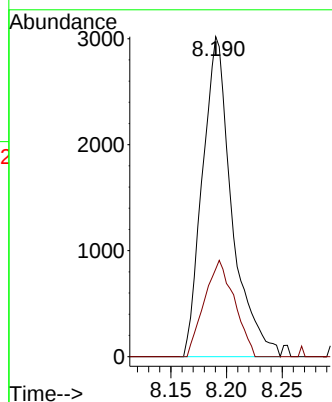
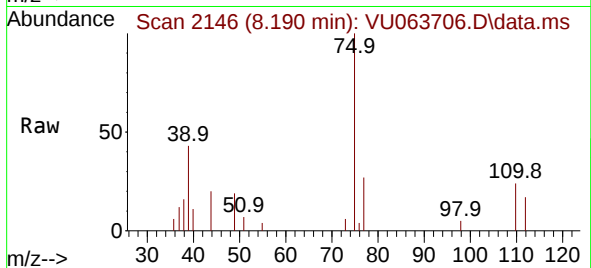
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 75 Resp: 5544

Ion Ratio Lower Upper

75 100

77 27.4 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 2.235 ug/l

RT: 7.583 min Scan# 1957

Delta R.T. 0.004 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

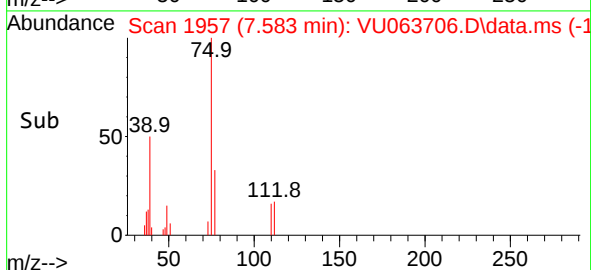
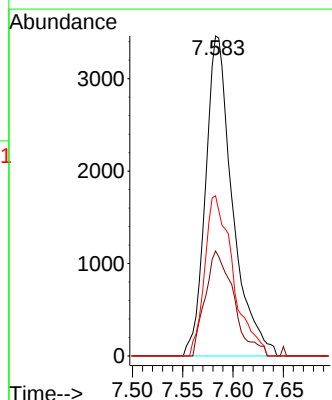
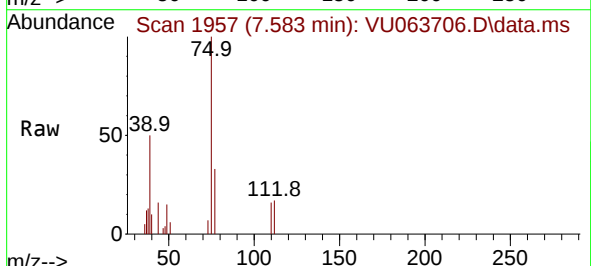
Tgt Ion: 75 Resp: 6454

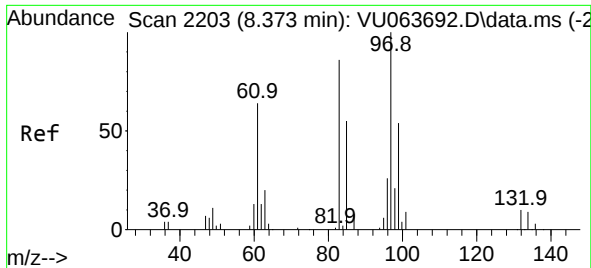
Ion Ratio Lower Upper

75 100

77 32.8 24.3 36.5

39 50.1 40.2 60.2

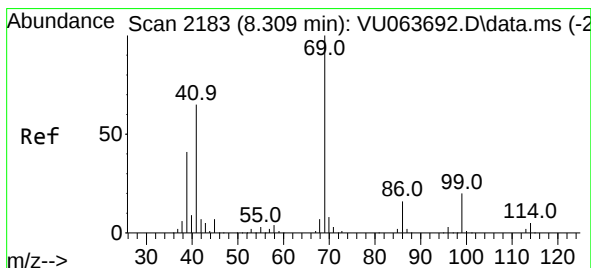
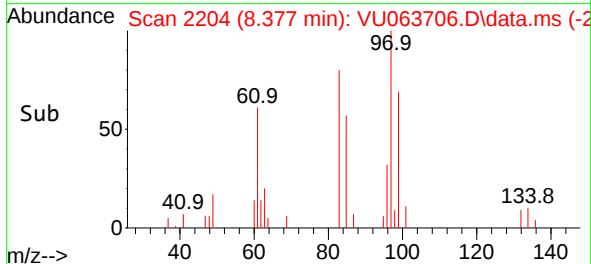
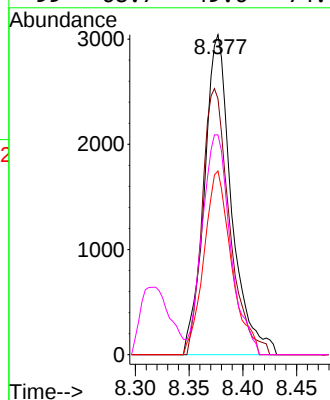
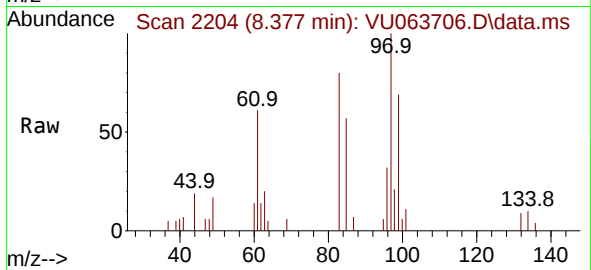




#55
1,1,2-Trichloroethane
Concen: 2.430 ug/l
RT: 8.377 min Scan# 2186
Delta R.T. 0.004 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

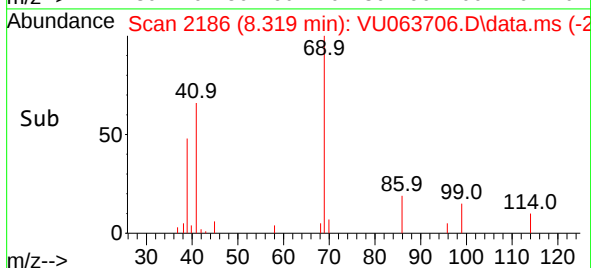
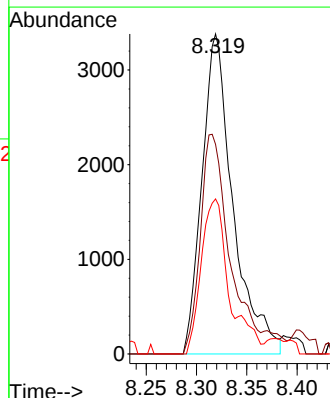
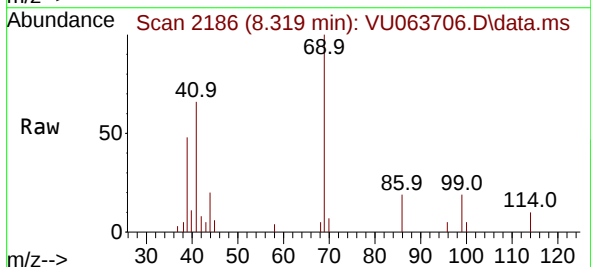
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

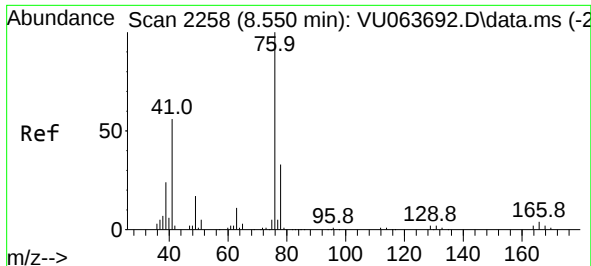
Tgt Ion: 97	Resp: 5350
Ion Ratio	Lower Upper
97 100	
83 80.0	69.0 103.4
85 57.4	44.2 66.4
99 68.7	49.6 74.4



#56
Ethyl methacrylate
Concen: 2.236 ug/l
RT: 8.319 min Scan# 2186
Delta R.T. 0.010 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 69	Resp: 7265
Ion Ratio	Lower Upper
69 100	
41 64.3	51.4 77.2
39 44.0	32.2 48.4





#57

1,3-Dichloropropane

Concen: 2.457 ug/l

RT: 8.550 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA_U

ClientSampleId :

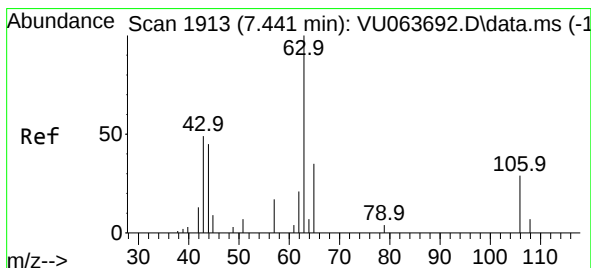
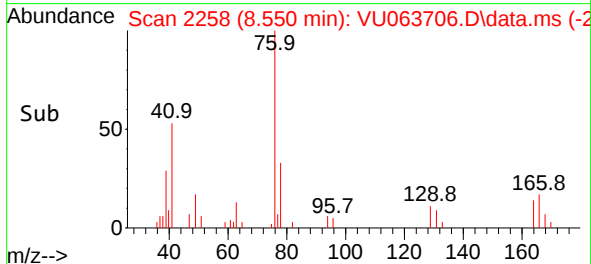
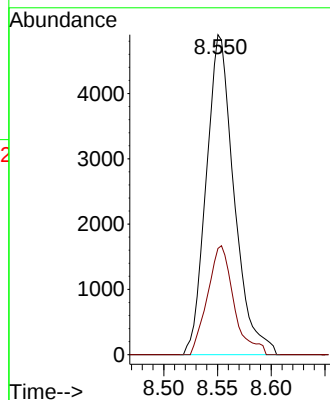
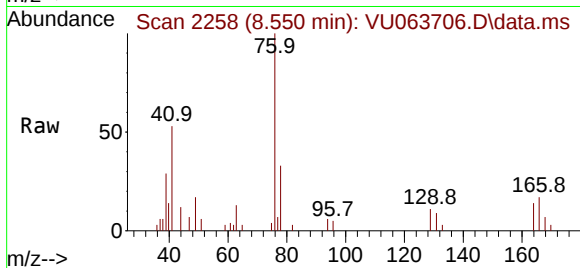
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 76 Resp: 8824

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 1.050 ug/l

RT: 7.460 min Scan# 1919

Delta R.T. 0.019 min

Lab File: VU063706.D

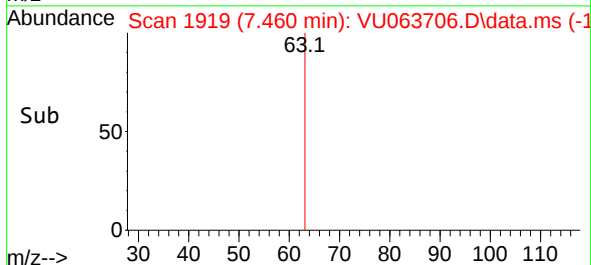
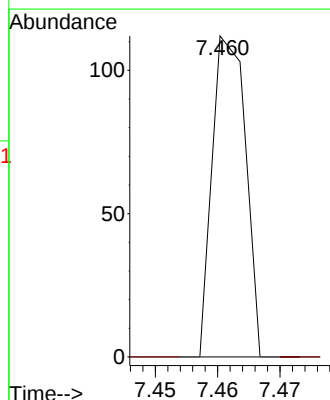
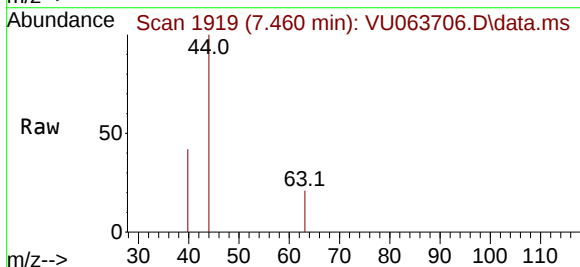
Acq: 11 Nov 2025 15:19

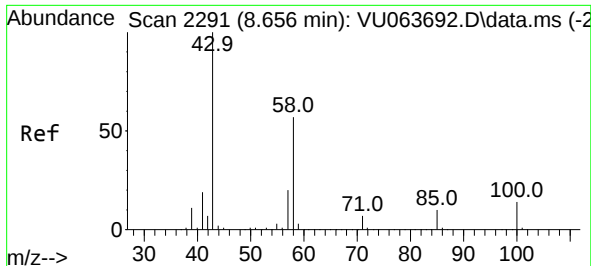
Tgt Ion: 63 Resp: 41

Ion Ratio Lower Upper

63 100

106 0.0 15.8 23.8#

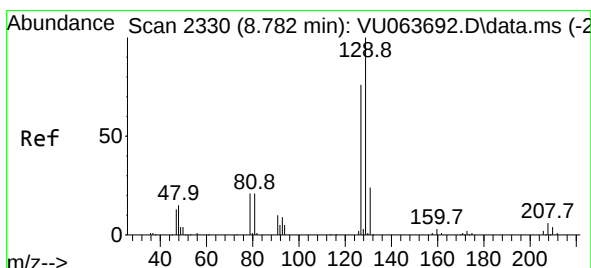
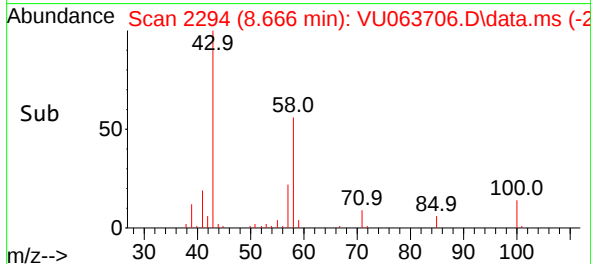
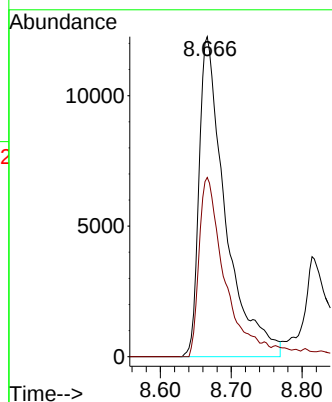
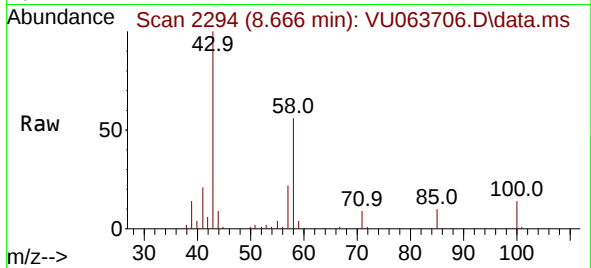




#59
2-Hexanone
Concen: 11.653 ug/l
RT: 8.666 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

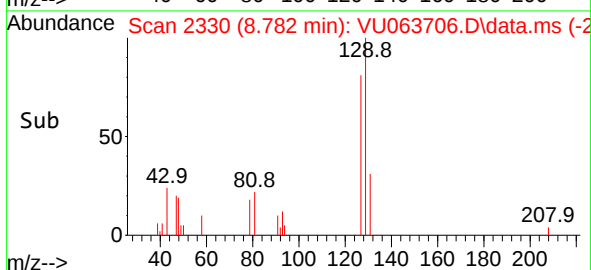
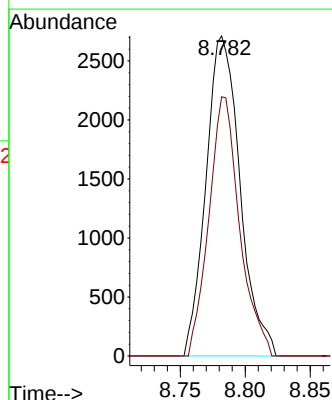
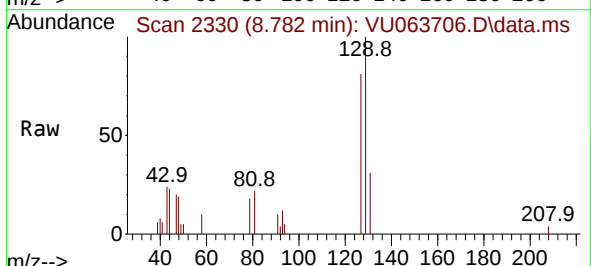
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

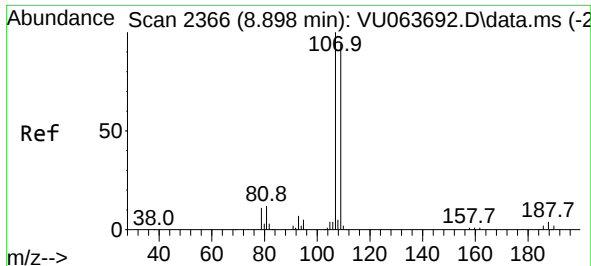
Tgt Ion: 43 Resp: 31578
Ion Ratio Lower Upper
43 100
58 54.1 28.4 85.3



#60
Dibromochloromethane
Concen: 2.148 ug/l
RT: 8.782 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 129 Resp: 4954
Ion Ratio Lower Upper
129 100
127 72.9 38.2 114.6

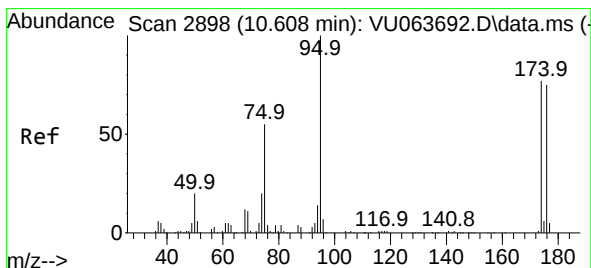
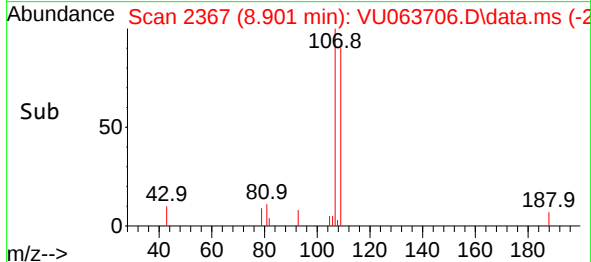
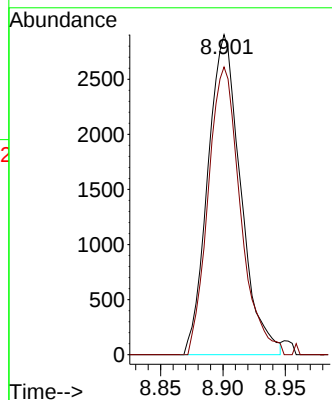
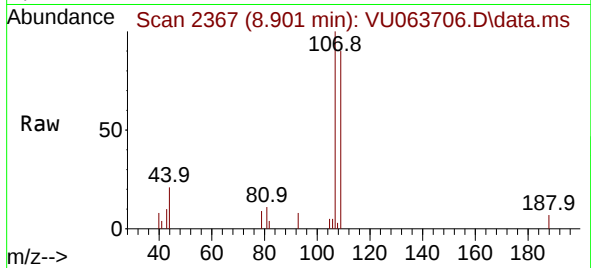




#61
1,2-Dibromoethane
Concen: 2.518 ug/l
RT: 8.901 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

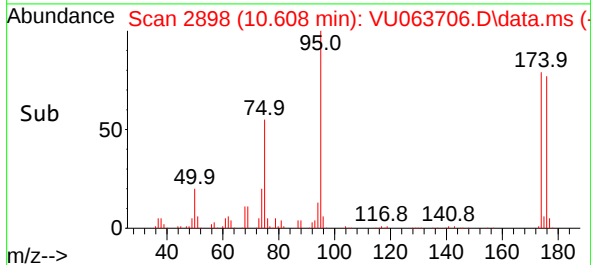
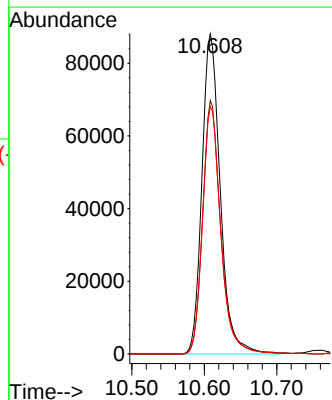
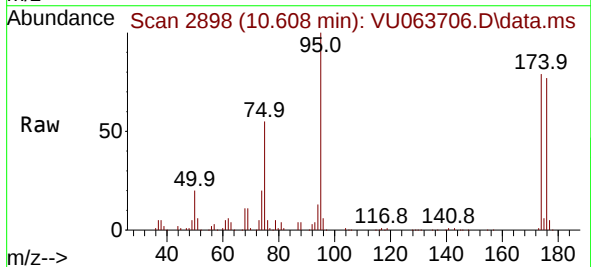
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

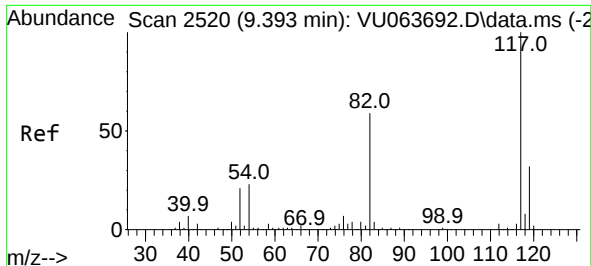
Tgt Ion:107 Resp: 5341
Ion Ratio Lower Upper
107 100
109 87.9 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 46.310 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 95 Resp: 154895
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 76.7 0.0 148.4

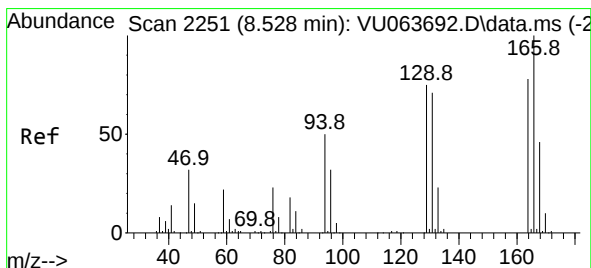
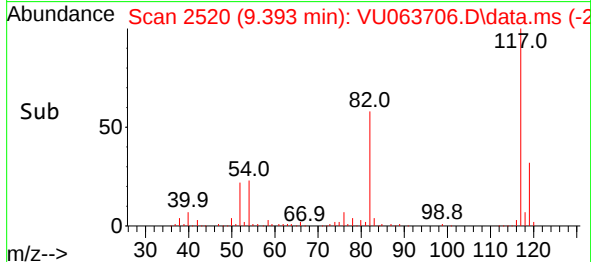
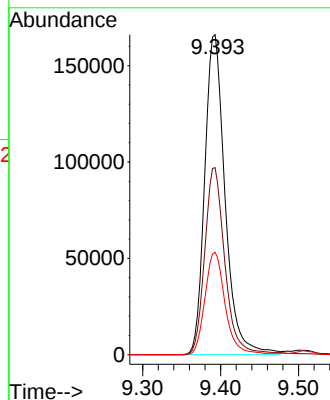
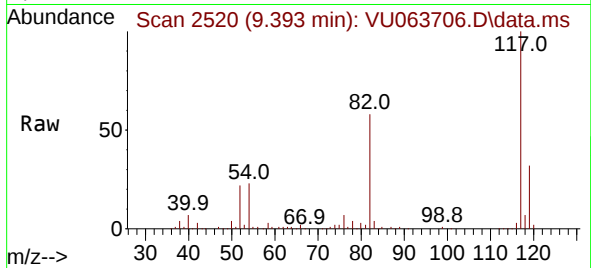




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

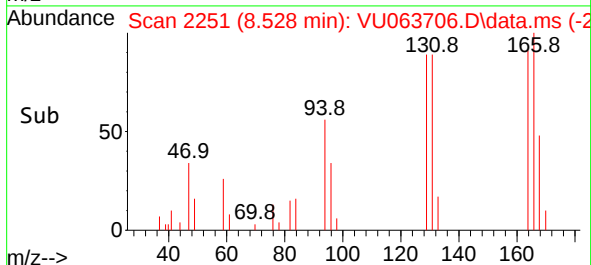
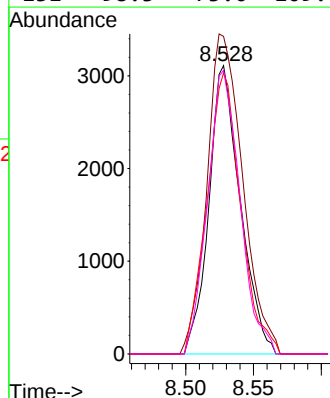
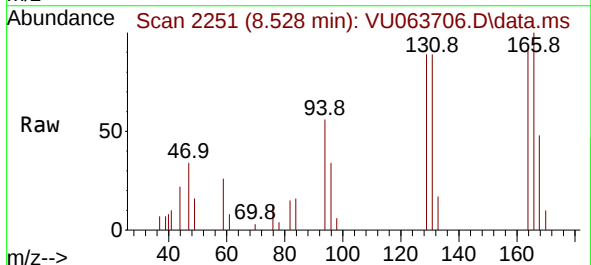
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

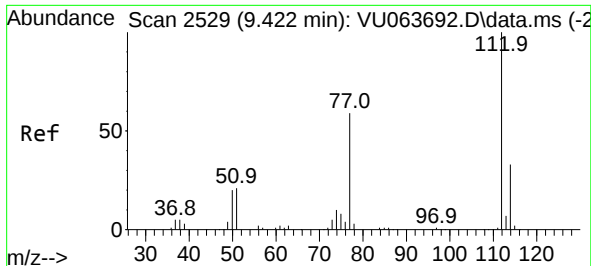
Tgt Ion:117 Resp: 301944
Ion Ratio Lower Upper
117 100
82 58.4 46.9 70.3
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 2.571 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion:164 Resp: 5009
Ion Ratio Lower Upper
164 100
166 110.2 102.5 153.7
129 97.5 77.1 115.7
131 98.3 73.0 109.6

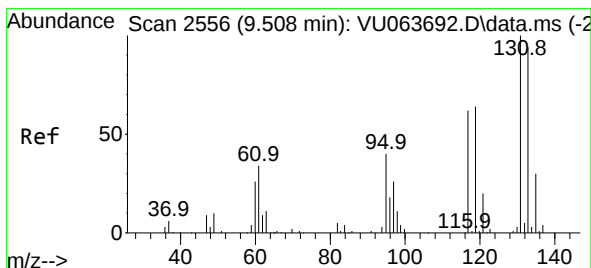
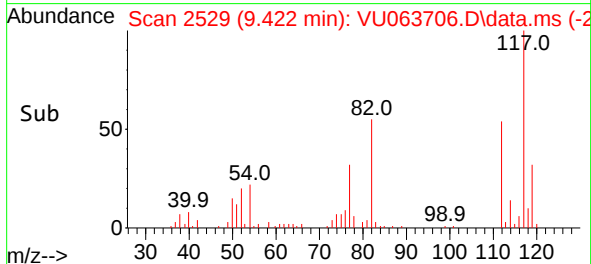
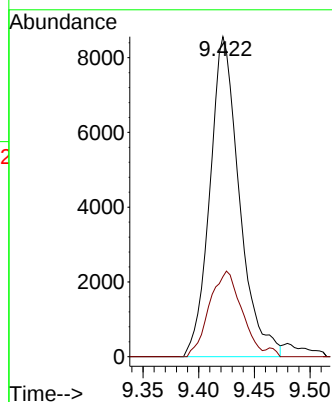
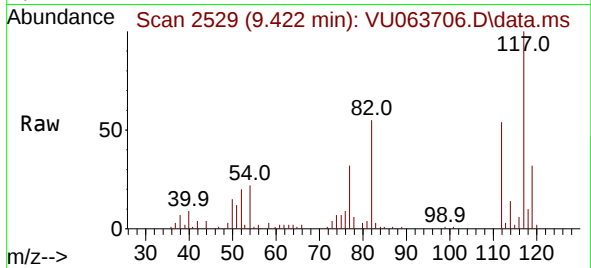




#65
Chlorobenzene
Concen: 2.670 ug/l
RT: 9.422 min Scan# 2529
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

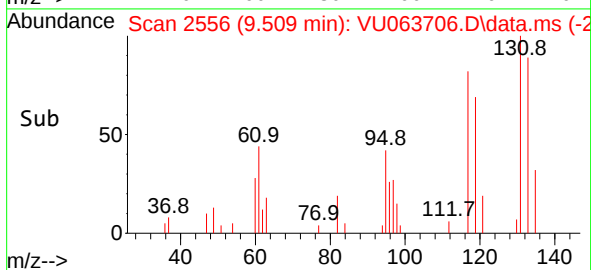
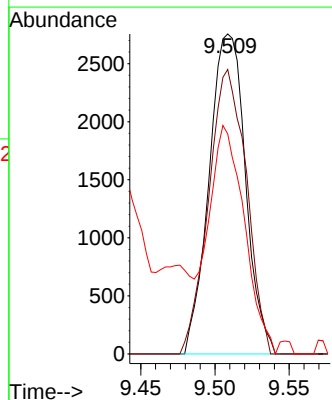
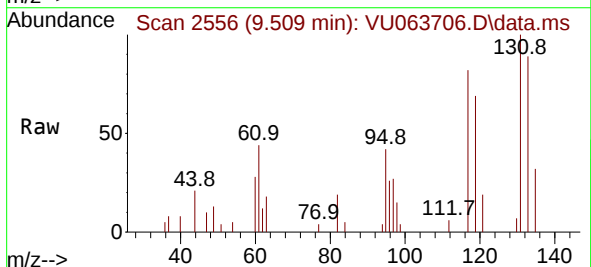
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

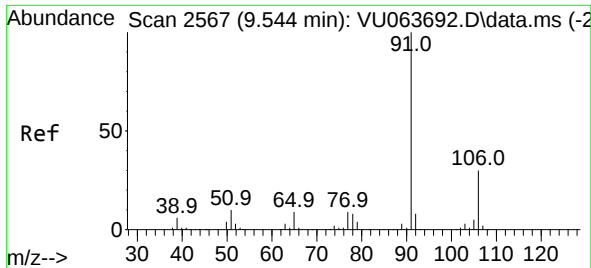
Tgt Ion:112 Resp: 15755
Ion Ratio Lower Upper
112 100
114 25.0 26.2 39.2#



#66
1,1,1,2-Tetrachloroethane
Concen: 2.341 ug/l
RT: 9.509 min Scan# 2556
Delta R.T. 0.001 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion:131 Resp: 4697
Ion Ratio Lower Upper
131 100
133 92.2 47.5 142.5
119 70.4 33.3 99.8

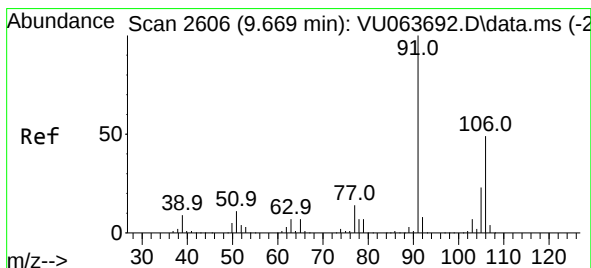
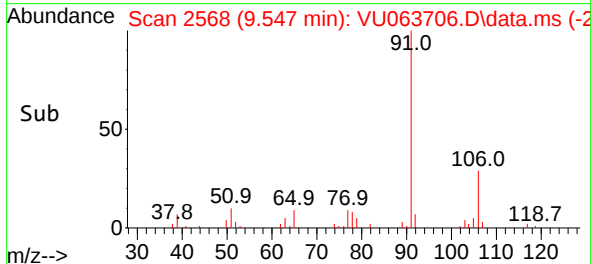
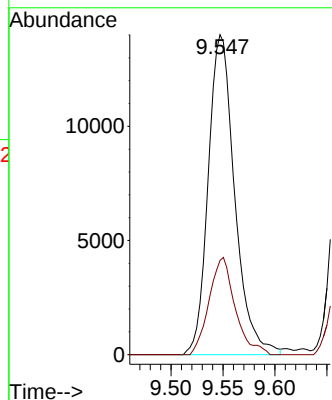
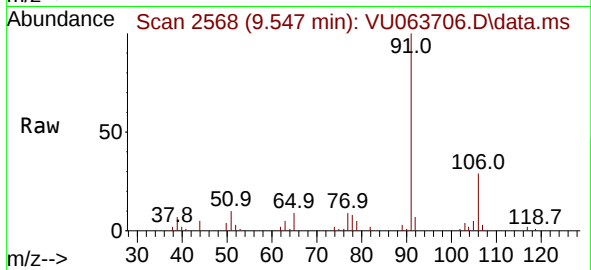




#67
Ethyl Benzene
Concen: 2.527 ug/l
RT: 9.547 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

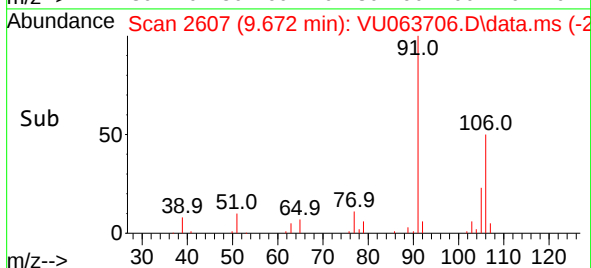
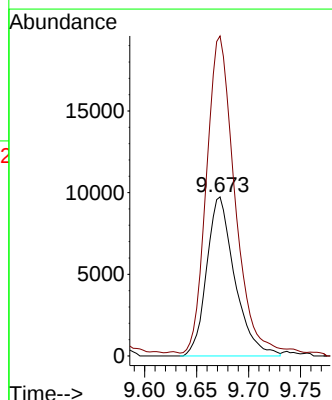
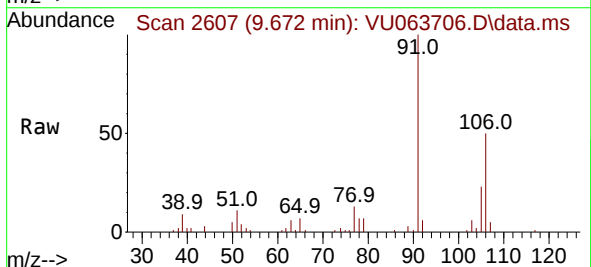
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

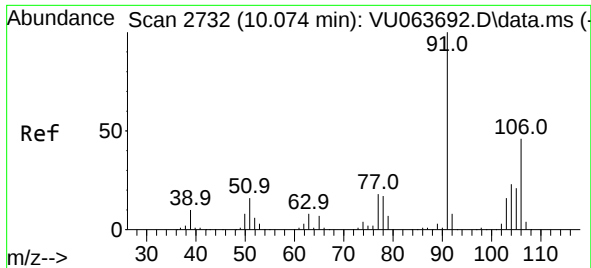
Tgt Ion: 91 Resp: 24834
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8



#68
m/p-Xylenes
Concen: 5.032 ug/l
RT: 9.672 min Scan# 2607
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 106 Resp: 18252
Ion Ratio Lower Upper
106 100
91 200.7 165.7 248.5

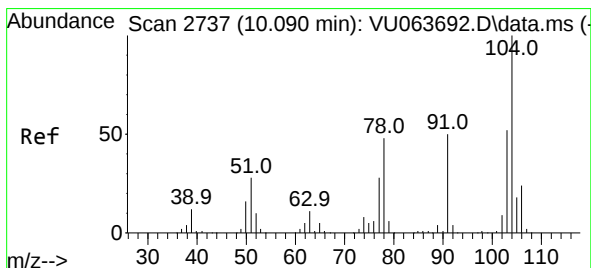
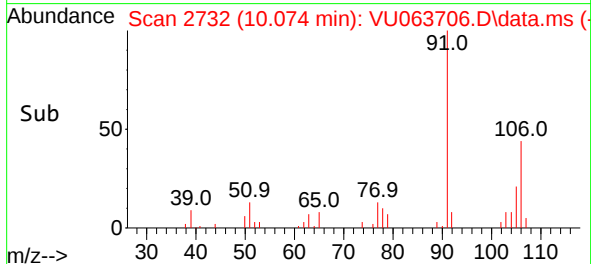
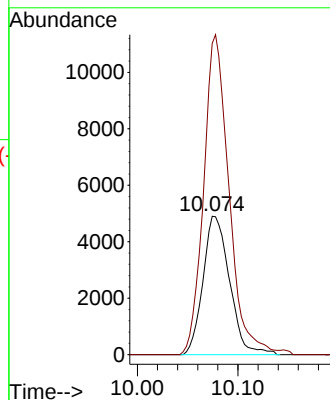
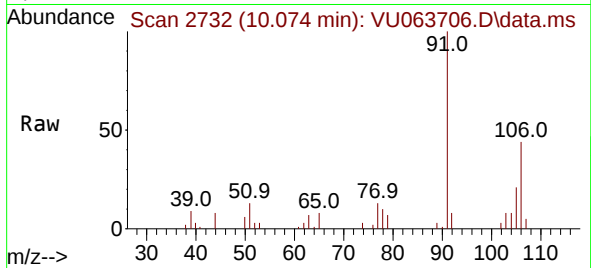




#69
o-Xylene
Concen: 2.407 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. 0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

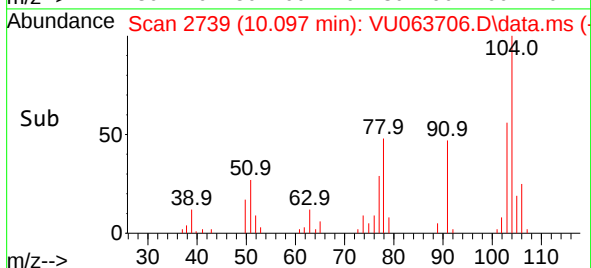
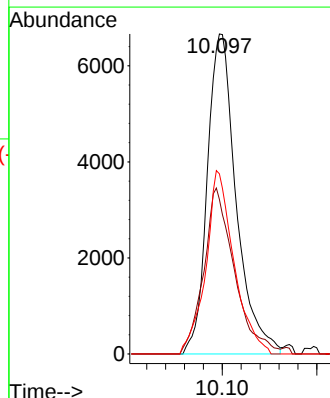
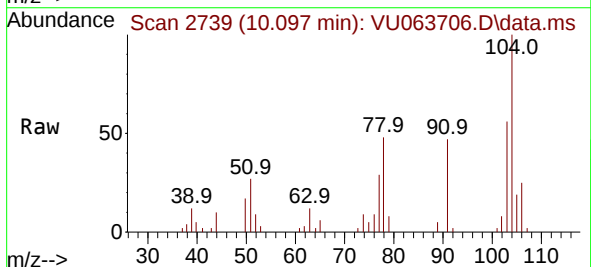
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

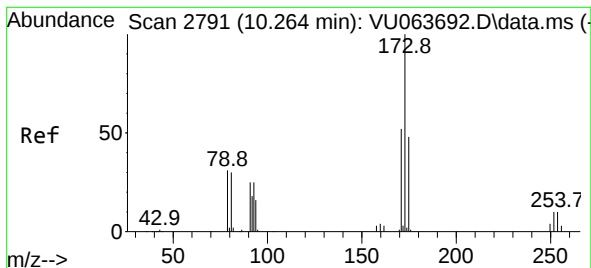
Tgt Ion:106 Resp: 9011
Ion Ratio Lower Upper
106 100
91 219.8 108.7 325.9



#70
Styrene
Concen: 2.355 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.007 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion:104 Resp: 14160
Ion Ratio Lower Upper
104 100
78 55.0 42.7 64.1
103 55.8 44.0 66.0





#71

Bromoform

Concen: 2.047 ug/l

RT: 10.264 min Scan# 2791

Delta R.T. 0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

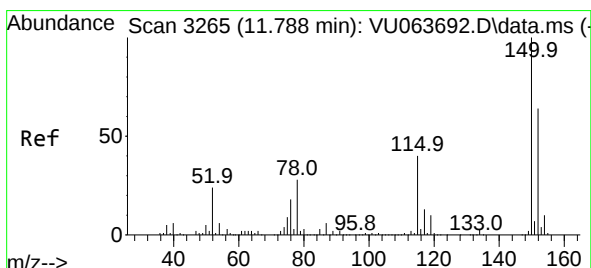
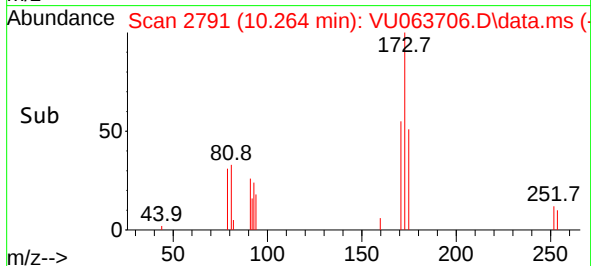
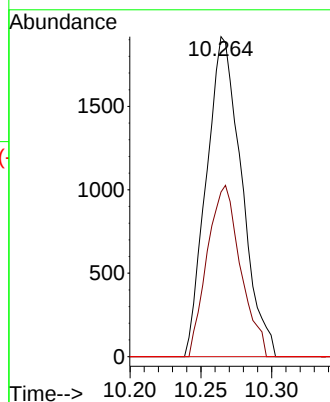
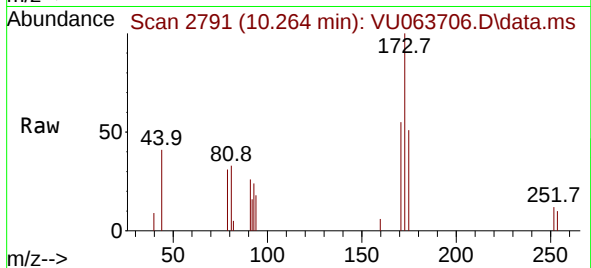
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:	173	Resp:	3308
Ion Ratio	Lower	Upper	
173	100		
175	50.8	24.1	72.2
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

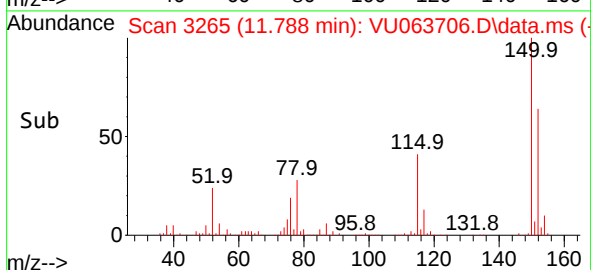
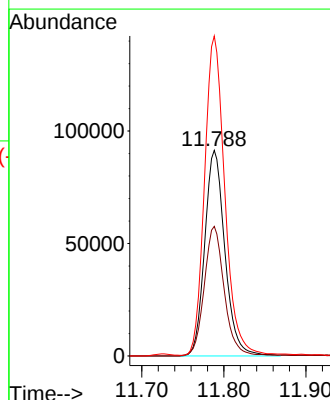
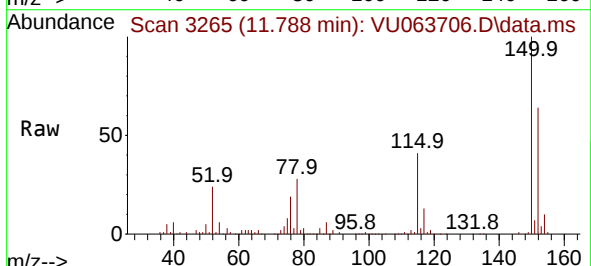
RT: 11.788 min Scan# 3265

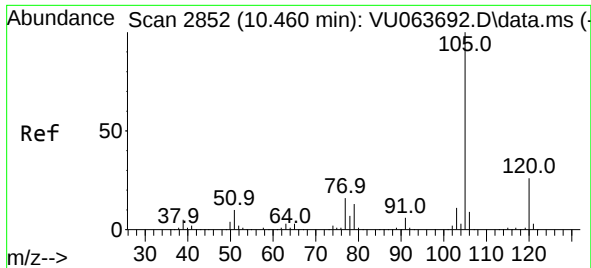
Delta R.T. 0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Tgt Ion:	152	Resp:	156435
Ion Ratio	Lower	Upper	
152	100		
115	62.5	41.0	123.0
150	155.9	0.0	342.2

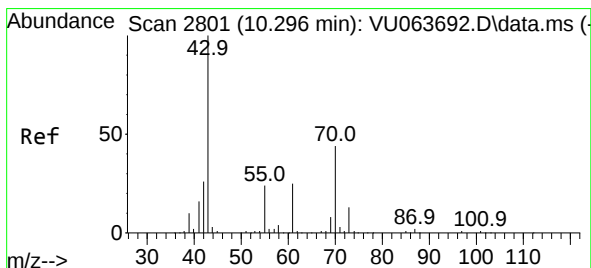
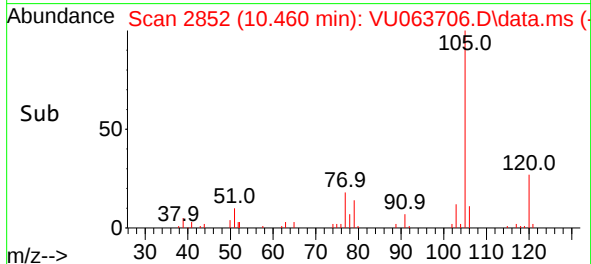
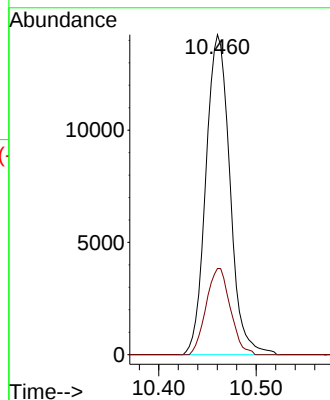
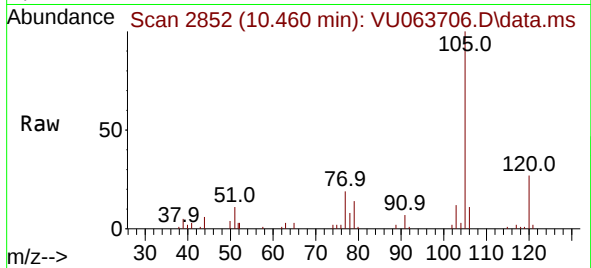




#73
Isopropylbenzene
Concen: 2.484 ug/l
RT: 10.460 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

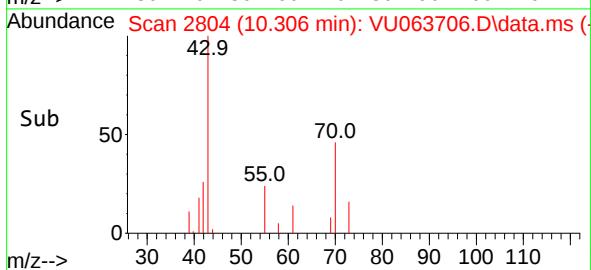
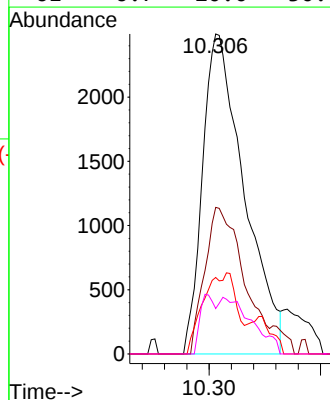
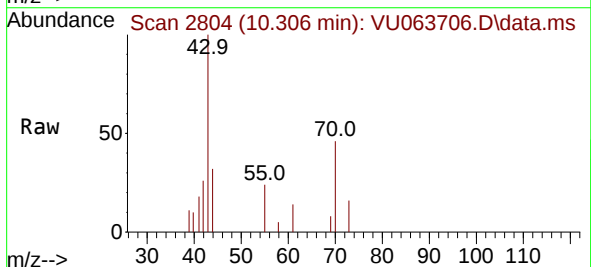
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

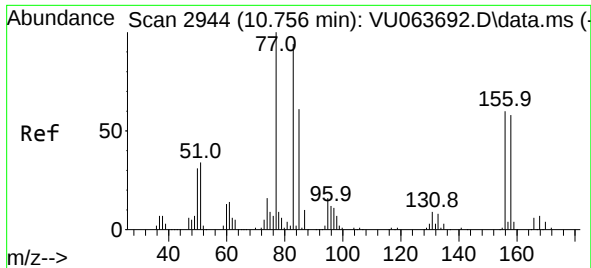
Tgt Ion:105 Resp: 24411
Ion Ratio Lower Upper
105 100
120 27.1 13.0 38.9



#74
N-ethyl acetate
Concen: 1.886 ug/l
RT: 10.306 min Scan# 2804
Delta R.T. 0.010 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 43 Resp: 6459
Ion Ratio Lower Upper
43 100
70 45.8 36.5 54.7
55 11.0 20.6 30.8#
61 6.7 20.0 30.0#

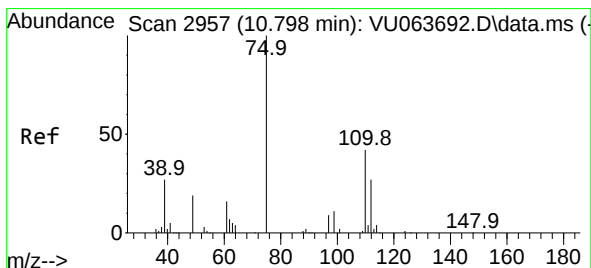
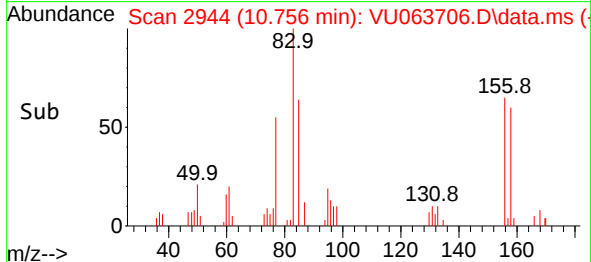
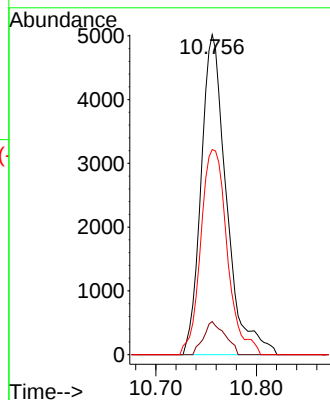
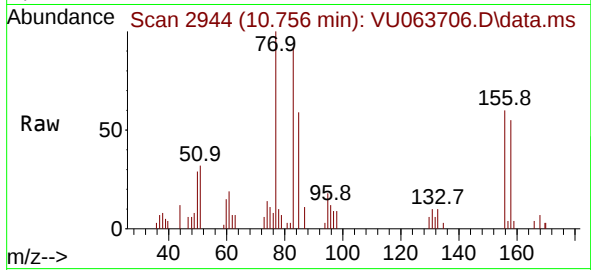




#75
1,1,2,2-Tetrachloroethane
Concen: 2.328 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. 0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

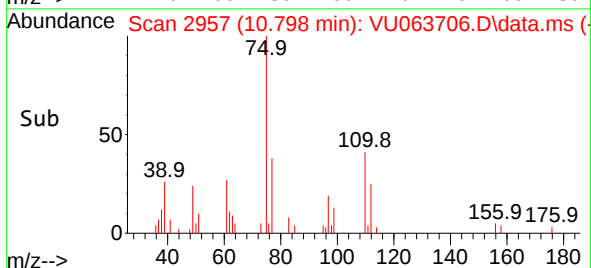
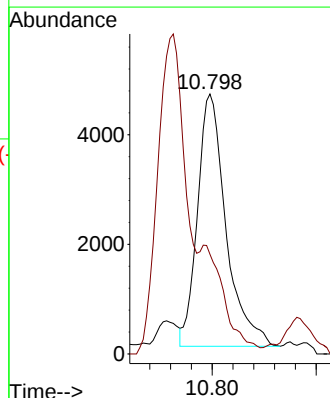
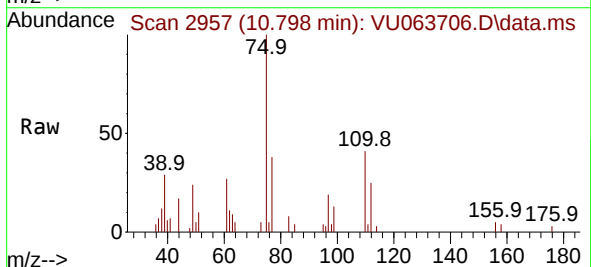
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

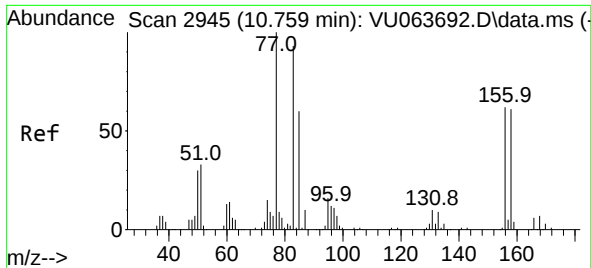
Tgt Ion: 83 Resp: 8785
Ion Ratio Lower Upper
83 100
131 8.7 4.8 14.4
85 66.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 2.222 ug/l
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 75 Resp: 8760
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

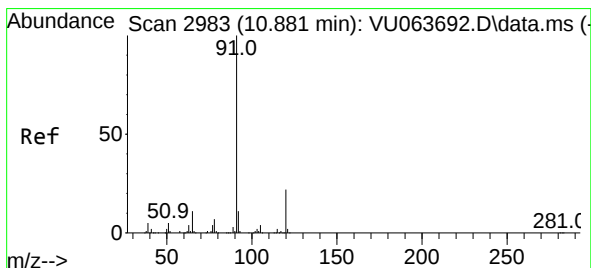
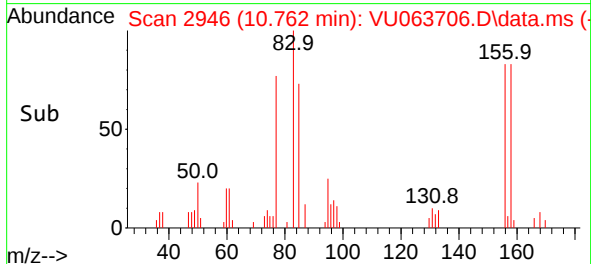
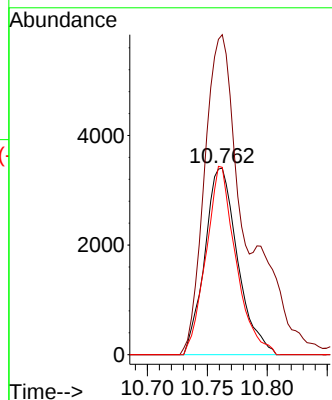
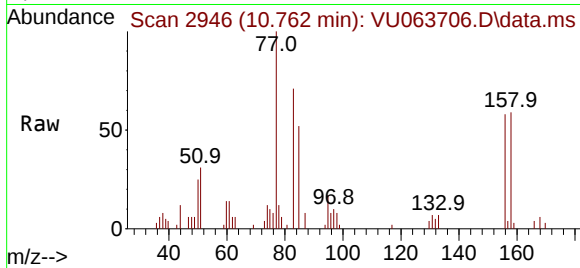




#77
Bromobenzene
Concen: 2.616 ug/l
RT: 10.762 min Scan# 2946
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

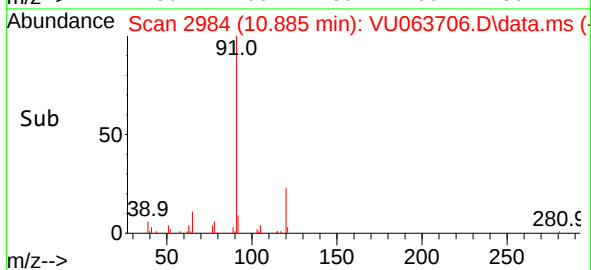
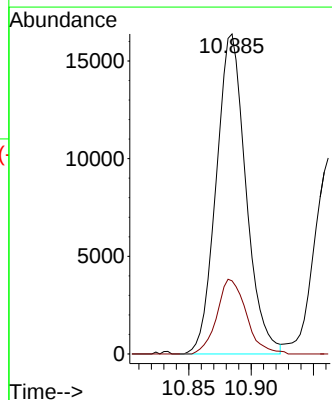
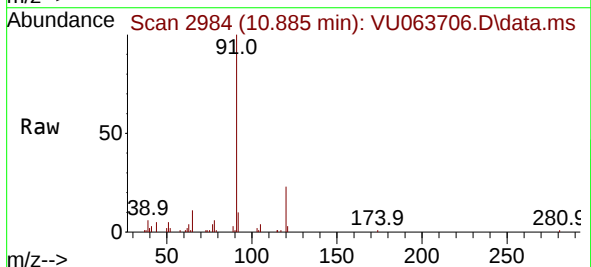
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

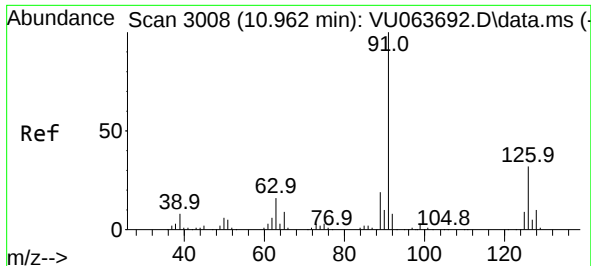
Tgt Ion:156 Resp: 6469
Ion Ratio Lower Upper
156 100
77 167.8 81.4 244.2
158 92.1 48.8 146.3



#78
n-propylbenzene
Concen: 2.409 ug/l
RT: 10.885 min Scan# 2984
Delta R.T. 0.004 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 91 Resp: 27158
Ion Ratio Lower Upper
91 100
120 23.1 11.2 33.6

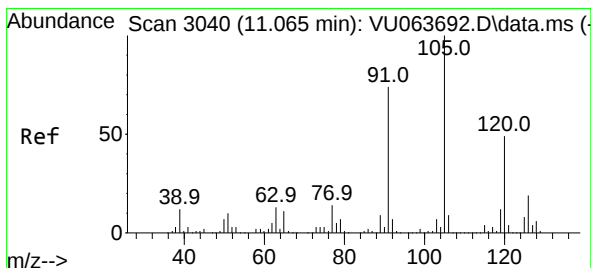
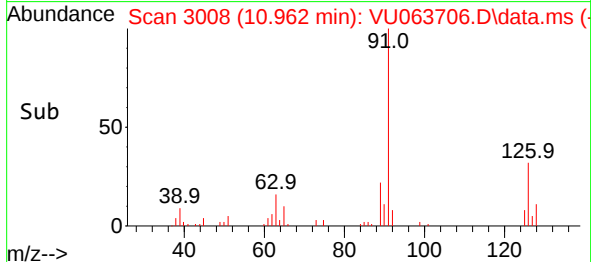
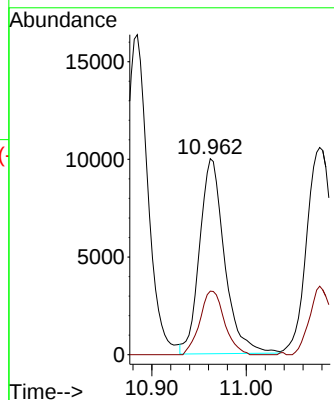
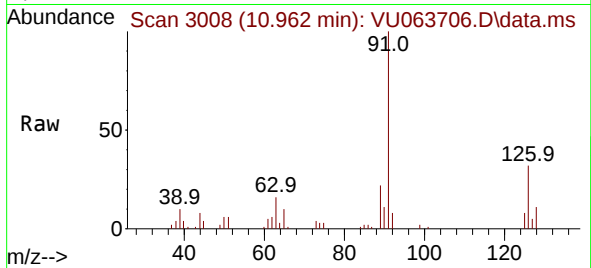




#79
2-Chlorotoluene
Concen: 2.512 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

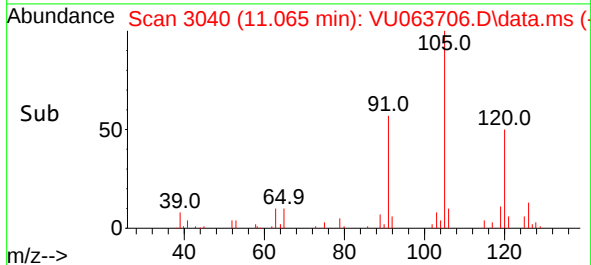
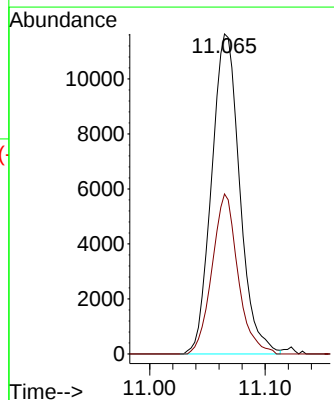
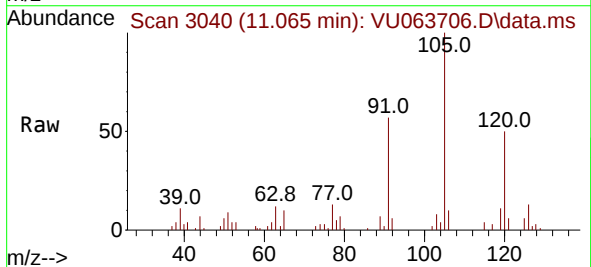
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

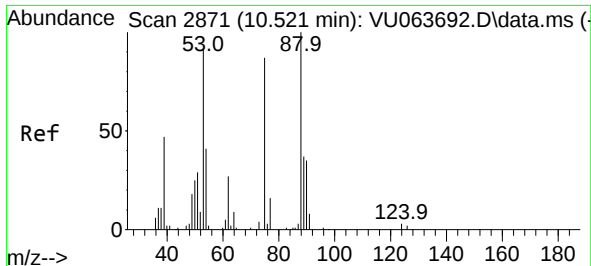
Tgt Ion: 91 Resp: 18307
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 2.383 ug/l
RT: 11.065 min Scan# 3040
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 105 Resp: 19640
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.2

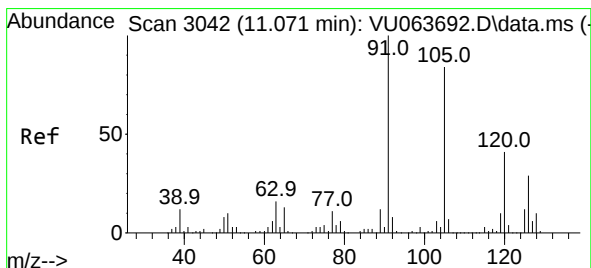
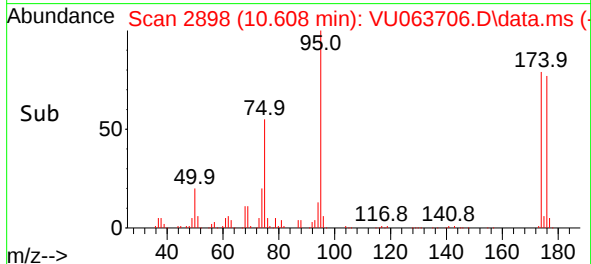
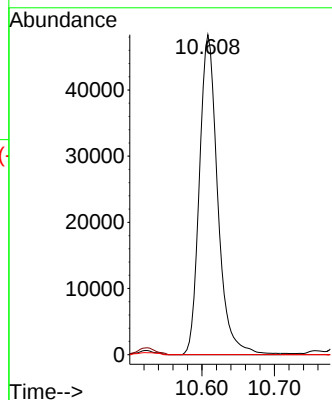
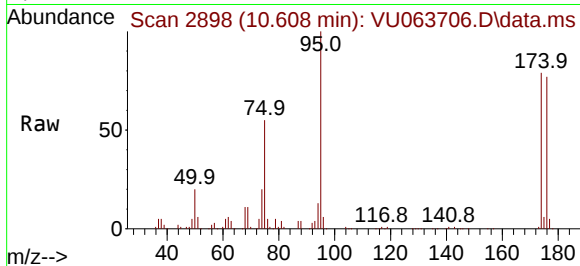




#81
trans-1,4-Dichloro-2-butene
Concen: 114.485 ug/l
RT: 10.608 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

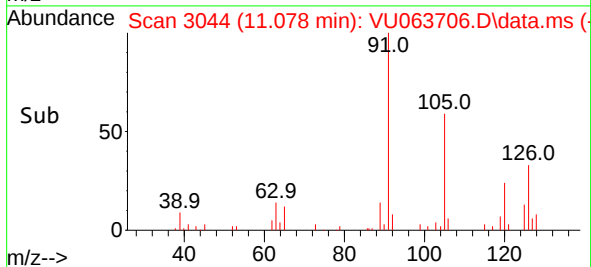
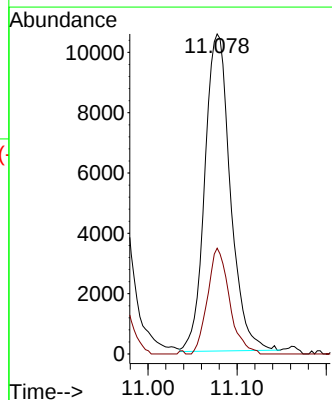
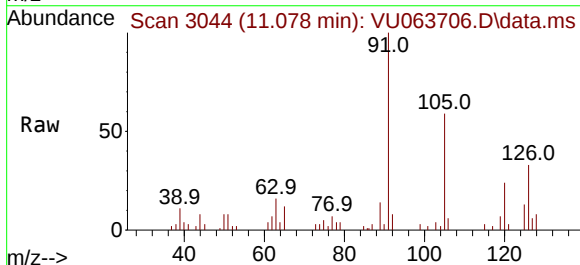
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

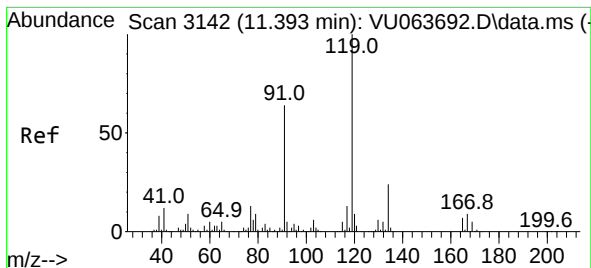
Tgt Ion: 75 Resp: 84718
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 35.2 52.8#



#82
4-Chlorotoluene
Concen: 2.531 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. 0.007 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion: 91 Resp: 20957
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.8





#83

tert-Butylbenzene

Concen: 2.498 ug/l

RT: 11.393 min Scan# 3142

Delta R.T. -0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

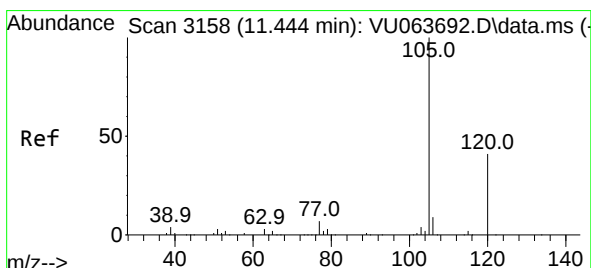
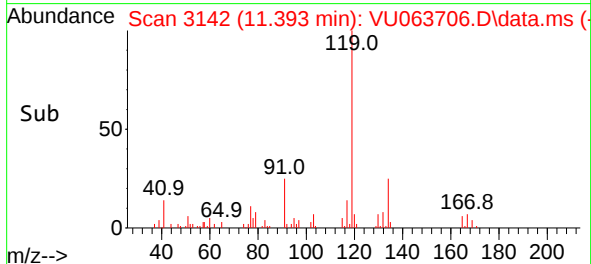
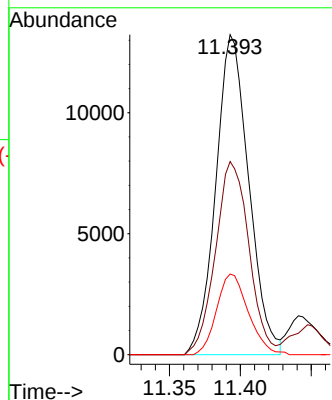
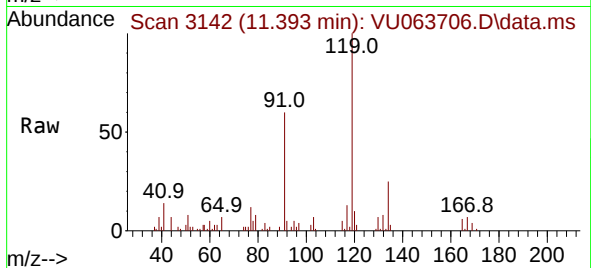
Tgt Ion:119 Resp: 21442

Ion Ratio Lower Upper

119 100

91 61.1 30.8 92.3

134 24.2 11.9 35.5



#84

1,2,4-Trimethylbenzene

Concen: 2.387 ug/l

RT: 11.444 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VU063706.D

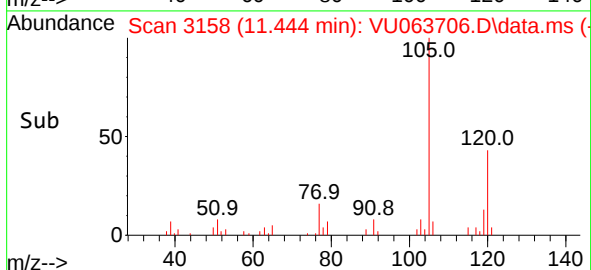
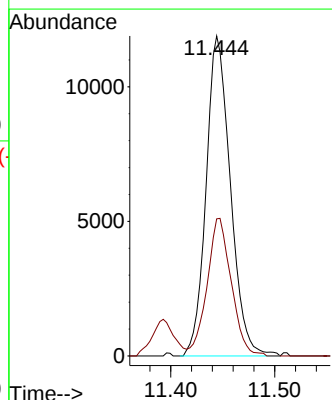
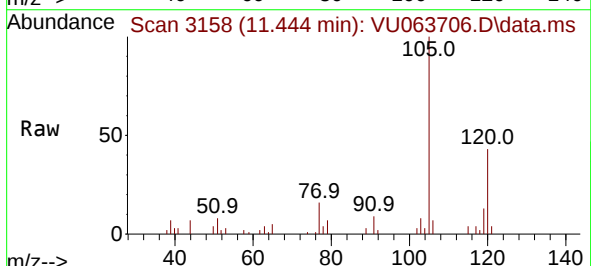
Acq: 11 Nov 2025 15:19

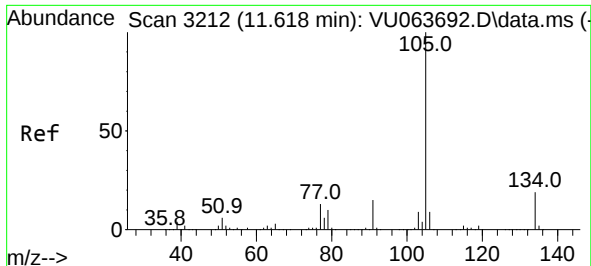
Tgt Ion:105 Resp: 19304

Ion Ratio Lower Upper

105 100

120 42.8 22.4 67.3

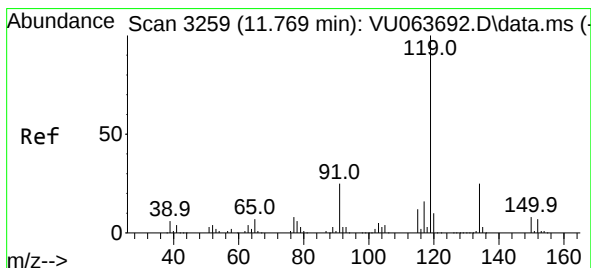
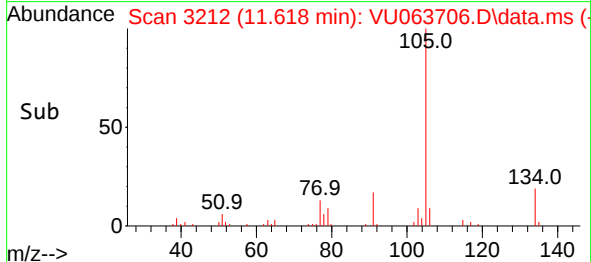
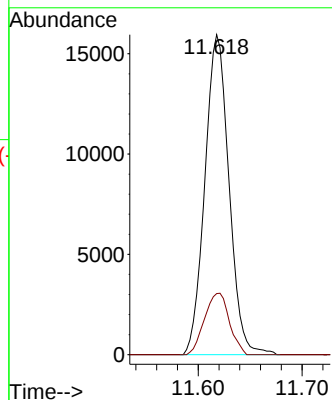
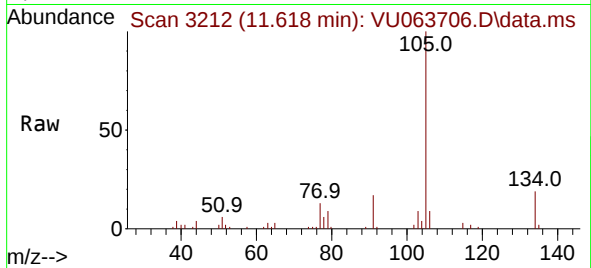




#85
 sec-Butylbenzene
 Concen: 2.372 ug/l
 RT: 11.618 min Scan# 3212
 Delta R.T. -0.000 min
 Lab File: VU063706.D
 Acq: 11 Nov 2025 15:19

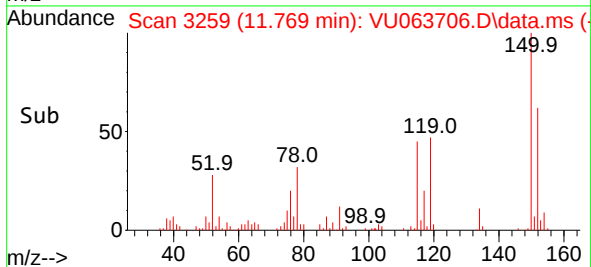
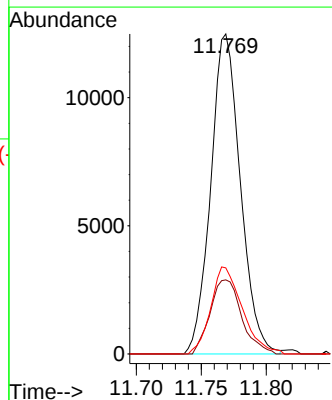
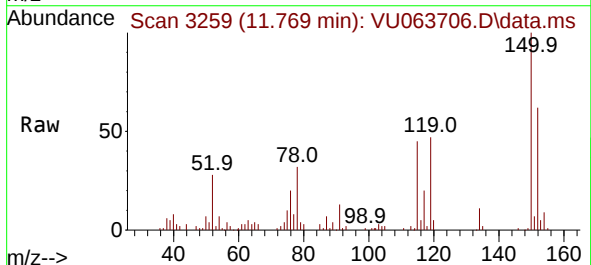
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

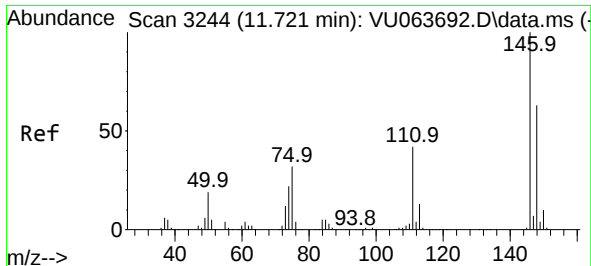
Tgt Ion:105 Resp: 25718
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 2.275 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU063706.D
 Acq: 11 Nov 2025 15:19

Tgt Ion:119 Resp: 19806
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.6 37.6
 91 28.9 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 2.489 ug/l

RT: 11.724 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

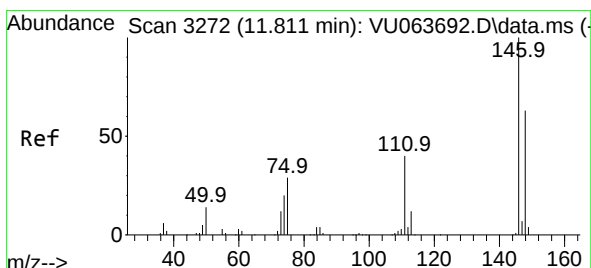
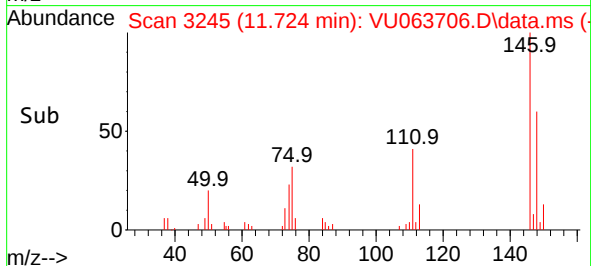
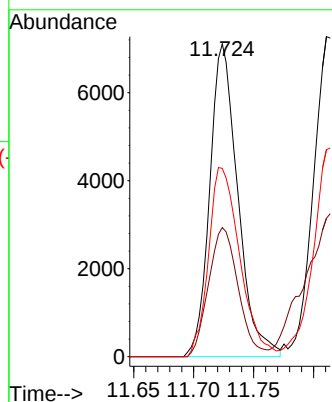
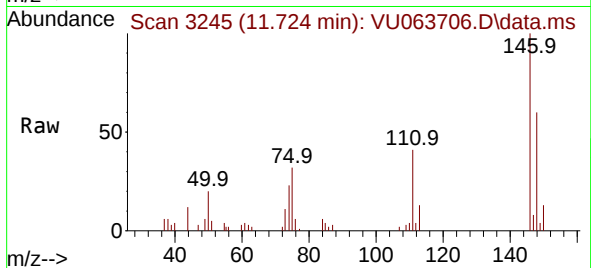
Tgt Ion:146 Resp: 11562

Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.8

148 67.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 2.752 ug/l

RT: 11.811 min Scan# 3272

Delta R.T. -0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

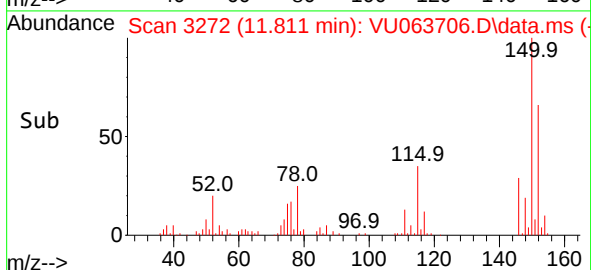
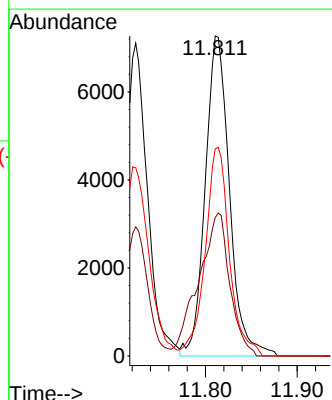
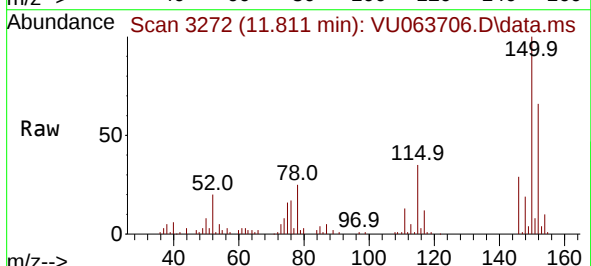
Tgt Ion:146 Resp: 13377

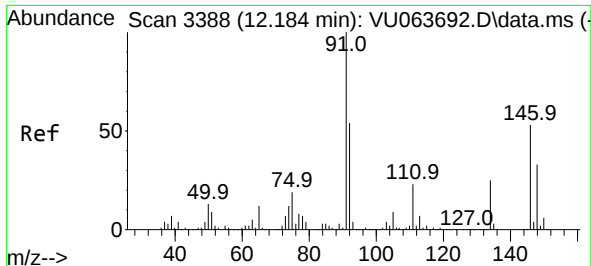
Ion Ratio Lower Upper

146 100

111 57.5 20.4 61.3

148 65.1 31.4 94.3





#89

n-Butylbenzene

Concen: 2.320 ug/l

RT: 12.187 min Scan# 3388

Delta R.T. 0.003 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

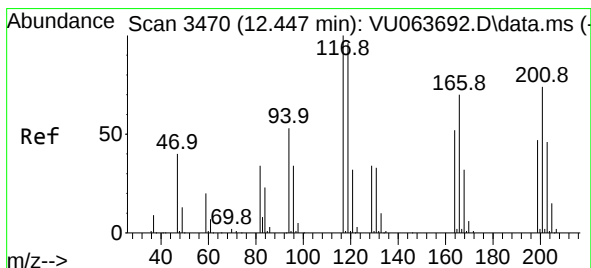
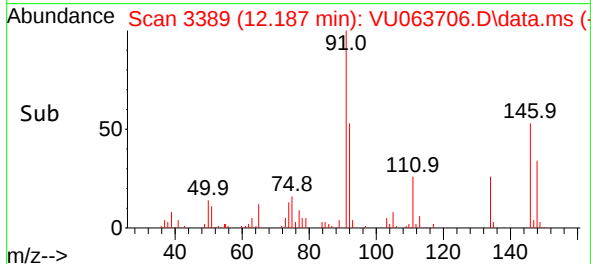
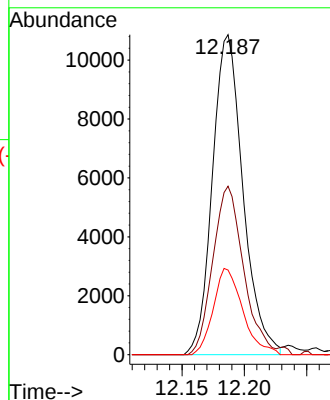
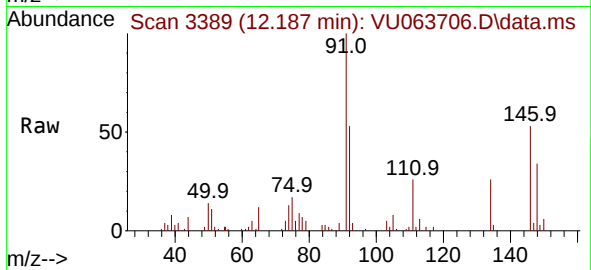
Tgt Ion: 91 Resp: 18544

Ion Ratio Lower Upper

91 100

92 52.9 27.0 81.0

134 25.9 12.4 37.4



#90

Hexachloroethane

Concen: 1.882 ug/l

RT: 12.447 min Scan# 3470

Delta R.T. 0.000 min

Lab File: VU063706.D

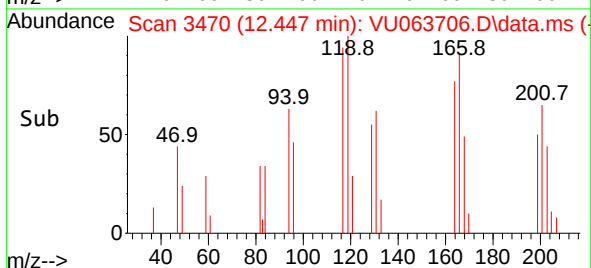
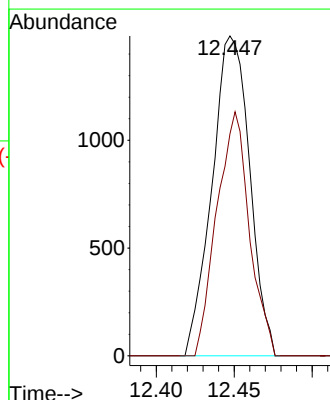
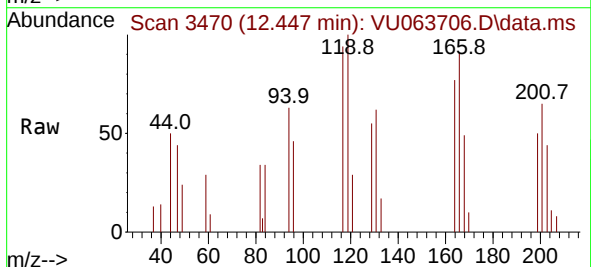
Acq: 11 Nov 2025 15:19

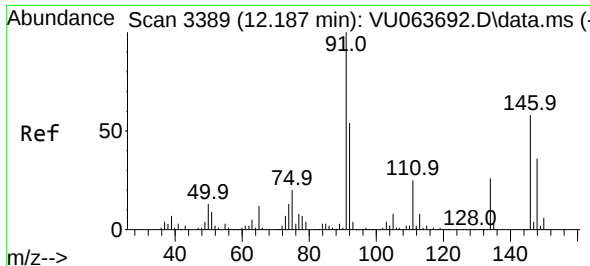
Tgt Ion: 117 Resp: 2499

Ion Ratio Lower Upper

117 100

201 65.9 36.6 109.8





#91

1,2-Dichlorobenzene

Concen: 2.492 ug/l

RT: 12.190 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

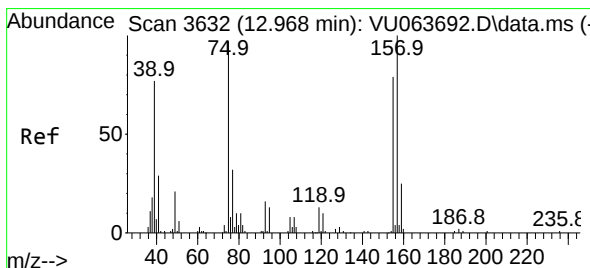
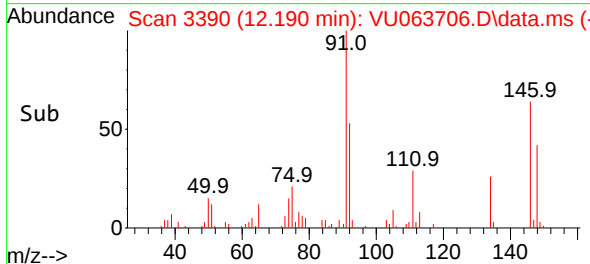
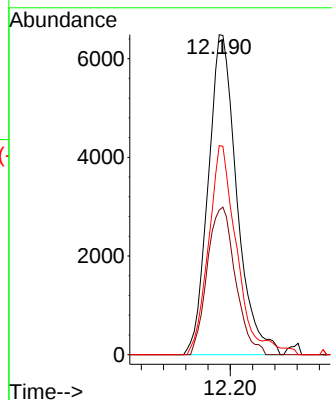
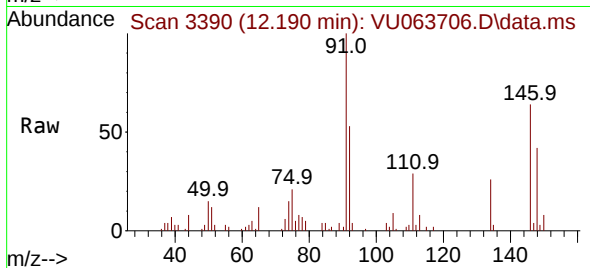
Tgt Ion:146 Resp: 11557

Ion Ratio Lower Upper

146 100

111 45.4 21.8 65.3

148 64.8 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.852 ug/l

RT: 12.978 min Scan# 3635

Delta R.T. 0.010 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

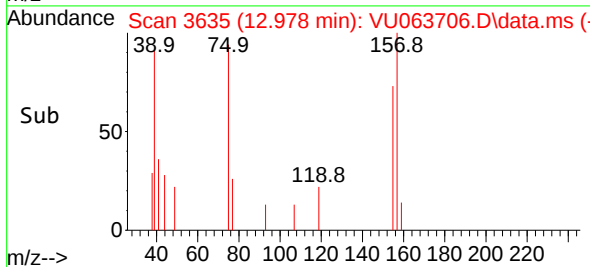
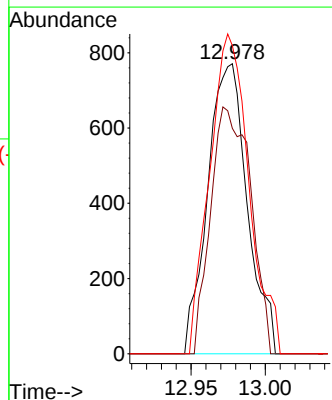
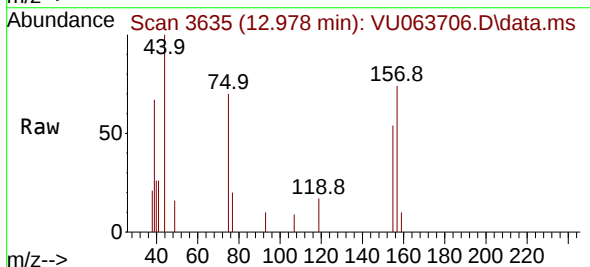
Tgt Ion: 75 Resp: 1432

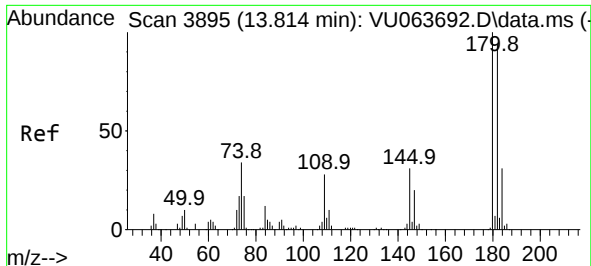
Ion Ratio Lower Upper

75 100

155 85.8 40.5 121.4

157 109.6 50.4 151.3

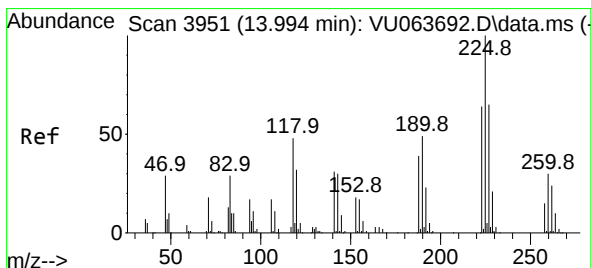
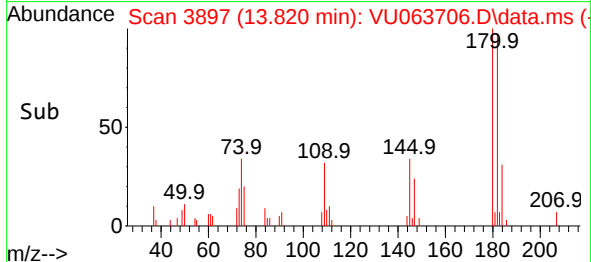
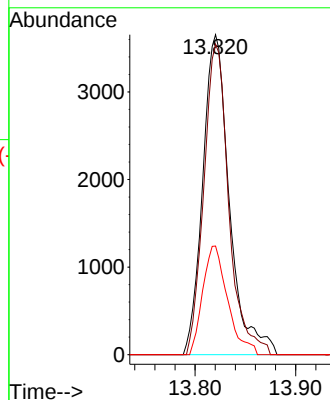
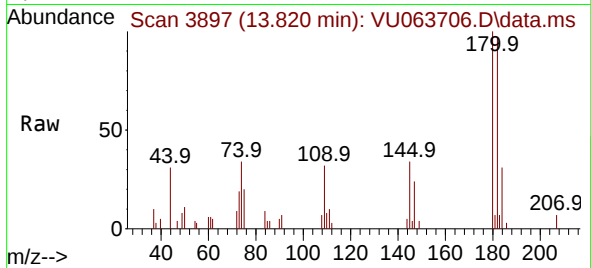




#93
1,2,4-Trichlorobenzene
Concen: 2.275 ug/l
RT: 13.820 min Scan# 3897
Delta R.T. 0.006 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

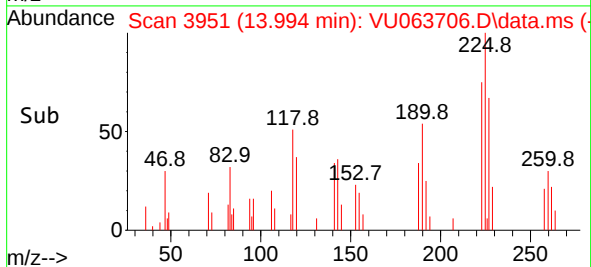
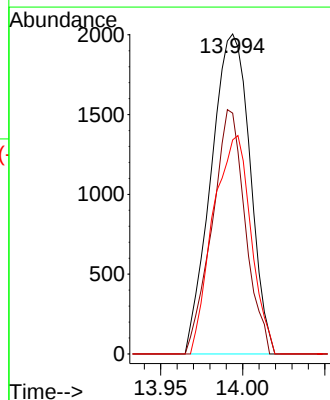
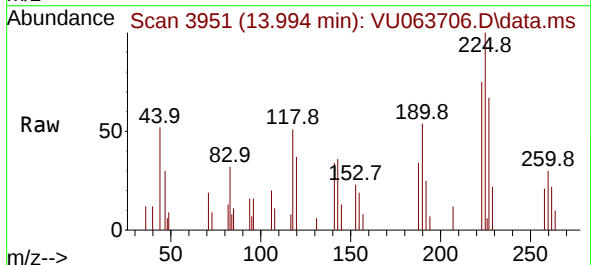
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

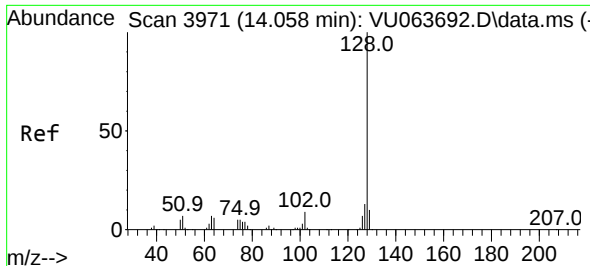
Tgt Ion:180 Resp: 6727
Ion Ratio Lower Upper
180 100
182 90.8 47.6 142.9
145 31.7 15.9 47.6



#94
Hexachlorobutadiene
Concen: 2.221 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion:225 Resp: 3309
Ion Ratio Lower Upper
225 100
223 65.1 31.6 94.8
227 66.2 32.4 97.0

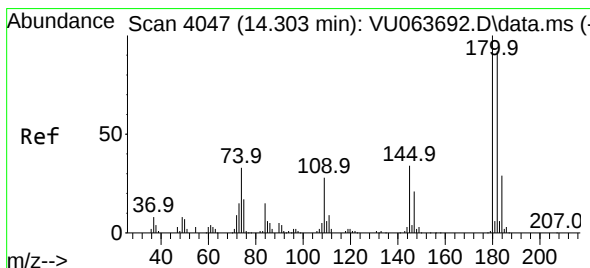
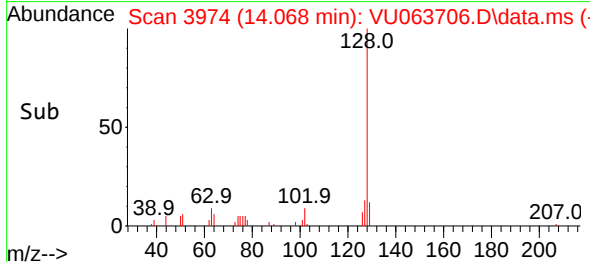
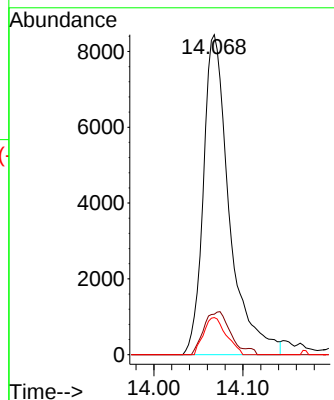
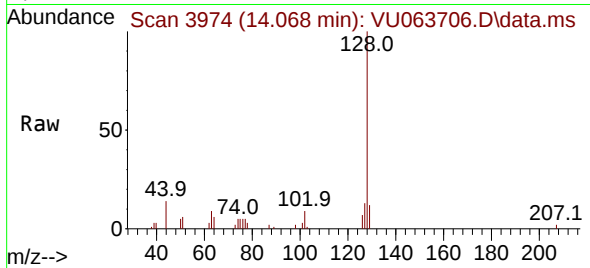




#95
Naphthalene
Concen: 2.136 ug/l
RT: 14.068 min Scan# 3971
Delta R.T. 0.010 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

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

Tgt Ion:128	Resp:	17110
Ion Ratio	Lower	Upper
128	100	
127	13.9	9.9 14.9
129	10.1	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 2.398 ug/l
RT: 14.306 min Scan# 4048
Delta R.T. 0.003 min
Lab File: VU063706.D
Acq: 11 Nov 2025 15:19

Tgt Ion:180	Resp:	6594
Ion Ratio	Lower	Upper
180	100	
182	91.4	47.3 142.0
145	32.2	16.6 49.7

