

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
 Data File : VU063705.D
 Acq On : 11 Nov 2025 14:55
 Operator : MD/SY
 Sample : Q3530-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 12 02:28:25 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	194895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	323914	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.392	117	305691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	155317	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.672	65	135928	47.213	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.420%
35) Dibromofluoromethane	5.258	113	102452	45.159	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.320%
50) Toluene-d8	7.872	98	372644	45.721	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.440%#
62) 4-Bromofluorobenzene	10.608	95	154048	45.691	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.380%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.374	85	540	0.459	ug/l	71
3) Chloromethane	1.509	50	749	0.547	ug/l #	86
4) Vinyl Chloride	1.589	62	911	0.629	ug/l #	69
5) Bromomethane	1.840	94	928	0.913	ug/l	87
6) Chloroethane	1.920	64	800	0.731	ug/l	96
7) Trichlorofluoromethane	2.116	101	1188	0.429	ug/l	99
8) Diethyl Ether	2.357	74	656	0.557	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.560	101	683	0.388	ug/l #	87
10) Methyl Iodide	2.695	142	706	0.402	ug/l #	72
11) Tert butyl alcohol	3.164	59	3206	4.773	ug/l #	73
12) 1,1-Dichloroethene	2.560	96	891	0.588	ug/l	87
13) Acrolein	2.454	56	113	2.104	ug/l #	21
14) Allyl chloride	2.891	41	612	0.217	ug/l #	25
15) Acrylonitrile	3.319	53	865	0.629	ug/l #	17
16) Acetone	2.611	43	6326	3.359	ug/l	91
17) Carbon Disulfide	2.769	76	1601	0.718	ug/l #	70
18) Methyl Acetate	2.939	43	580	0.130	ug/l #	63
19) Methyl tert-butyl Ether	3.338	73	2850	0.417	ug/l	92
20) Methylene Chloride	3.023	84	3385	1.577	ug/l	92
21) trans-1,2-Dichloroethene	3.328	96	748	0.481	ug/l	90
22) Diisopropyl ether	3.965	45	2675	0.430	ug/l #	48
23) Vinyl Acetate	3.975	43	4752	1.119	ug/l #	94
24) 1,1-Dichloroethane	3.843	63	1247	0.347	ug/l #	81
25) 2-Butanone	4.669	43	92	0.046	ug/l #	47
26) 2,2-Dichloropropane	4.621	77	753	0.244	ug/l #	66
27) cis-1,2-Dichloroethene	4.653	96	973	0.428	ug/l	96
28) Bromochloromethane	4.949	49	498	0.347	ug/l #	70
29) Tetrahydrofuran	5.045	42	1166	1.011	ug/l #	72
30) Chloroform	5.061	83	2020	0.514	ug/l	86
31) Cyclohexane	5.348	56	5493	2.167	ug/l #	34
32) 1,1,1-Trichloroethane	5.287	97	1465	0.454	ug/l #	47
36) 1,1-Dichloropropene	5.499	75	1307	0.566	ug/l #	45
37) Ethyl Acetate	4.743	43	2088	0.639	ug/l #	69
38) Carbon Tetrachloride	5.492	117	1229	0.492	ug/l	86
39) Methylcyclohexane	6.730	83	1201	0.458	ug/l #	82
40) Benzene	5.756	78	3391	0.455	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.949	41	66	0.039	ug/l #	19
42) 1,2-Dichloroethane	5.775	62	1333	0.454	ug/l #	75
43) Isopropyl Acetate	5.904	43	1161	0.242	ug/l #	74
44) Trichloroethene	6.521	130	1053	0.504	ug/l	85
45) 1,2-Dichloropropane	6.762	63	821	0.405	ug/l #	44
46) Dibromomethane	6.904	93	676	0.444	ug/l	95
47) Bromodichloromethane	7.081	83	1384	0.449	ug/l #	75
48) Methyl methacrylate	6.926	41	68	0.029	ug/l #	10
49) 1,4-Dioxane	6.965	88	301	4.830	ug/l #	65
51) 4-Methyl-2-Pentanone	7.775	43	7413	2.021	ug/l	100
52) Toluene	7.949	92	2443	0.505	ug/l	94
53) t-1,3-Dichloropropene	8.200	75	1102	0.424	ug/l	91
54) cis-1,3-Dichloropropene	7.598	75	1179	0.405	ug/l #	69
55) 1,1,2-Trichloroethane	8.376	97	1044	0.470	ug/l #	82
56) Ethyl methacrylate	8.322	69	1056	0.323	ug/l #	72
57) 1,3-Dichloropropane	8.553	76	1541	0.426	ug/l	98
59) 2-Hexanone	8.688	43	5500	2.014	ug/l	99
60) Dibromochloromethane	8.794	129	908	0.391	ug/l	86
61) 1,2-Dibromoethane	8.904	107	1000	0.468	ug/l #	76
64) Tetrachloroethene	8.528	164	952	0.483	ug/l #	86
65) Chlorobenzene	9.425	112	3191	0.534	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.505	131	801	0.394	ug/l #	65
67) Ethyl Benzene	9.550	91	5491	0.552	ug/l	94
68) m/p-Xylenes	9.675	106	3703	1.008	ug/l	99
69) o-Xylene	10.077	106	1812	0.478	ug/l	95
70) Styrene	10.103	104	2661	0.437	ug/l #	76
71) Bromoform	10.267	173	642	0.392	ug/l #	64
73) Isopropylbenzene	10.463	105	4413	0.452	ug/l	98
74) N-amyl acetate	10.315	43	1693	0.498	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	10.759	83	1501	0.401	ug/l #	93
76) 1,2,3-Trichloropropane	10.608	75	82594	21.102	ug/l #	100
77) Bromobenzene	10.765	156	1321	0.538	ug/l	82
78) n-propylbenzene	10.884	91	6148	0.549	ug/l	96
79) 2-Chlorotoluene	10.965	91	3738	0.517	ug/l	95
80) 1,3,5-Trimethylbenzene	11.068	105	3360	0.411	ug/l	90
81) trans-1,4-Dichloro-2-b...	10.608	75	82594	112.418	ug/l #	7
82) 4-Chlorotoluene	11.081	91	4615	0.561	ug/l	94
83) tert-Butylbenzene	11.392	119	4208	0.494	ug/l	91
84) 1,2,4-Trimethylbenzene	11.450	105	4094	0.510	ug/l	95
85) sec-Butylbenzene	11.621	105	5213	0.484	ug/l	96
86) p-Isopropyltoluene	11.769	119	4756	0.550	ug/l	89
87) 1,3-Dichlorobenzene	11.724	146	2709	0.587	ug/l	94
88) 1,4-Dichlorobenzene	11.724	146	2709	0.561	ug/l	93
89) n-Butylbenzene	12.190	91	5255	0.662	ug/l	98
90) Hexachloroethane	12.441	117	424	0.322	ug/l	86
91) 1,2-Dichlorobenzene	12.196	146	2818	0.612	ug/l	83
92) 1,2-Dibromo-3-Chloropr...	12.978	75	142	0.185	ug/l	82
93) 1,2,4-Trichlorobenzene	13.820	180	2401	0.818	ug/l	95
94) Hexachlorobutadiene	13.994	225	795	0.537	ug/l	89
95) Naphthalene	14.068	128	9500	1.194	ug/l	98
96) 1,2,3-Trichlorobenzene	14.309	180	2501	0.916	ug/l	97

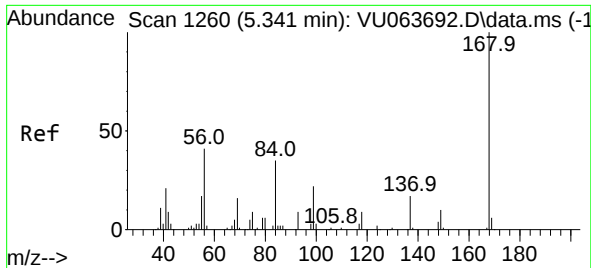
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

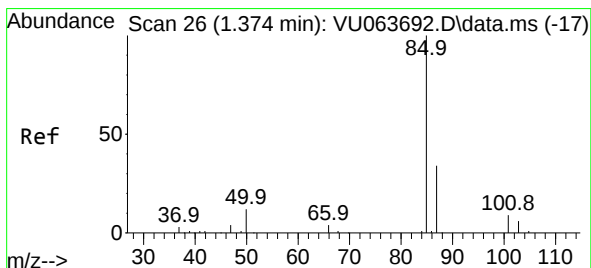
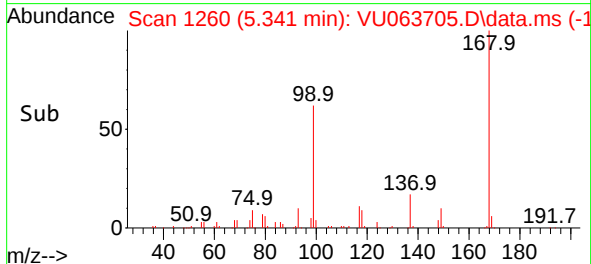
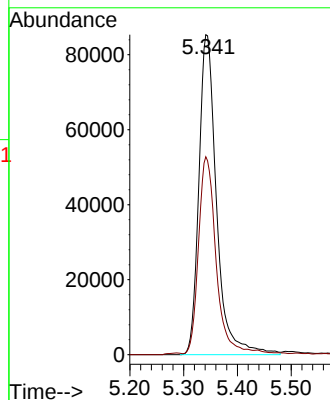
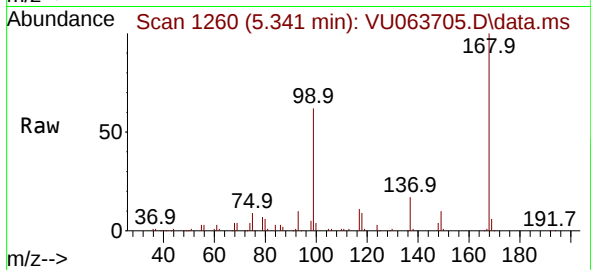
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
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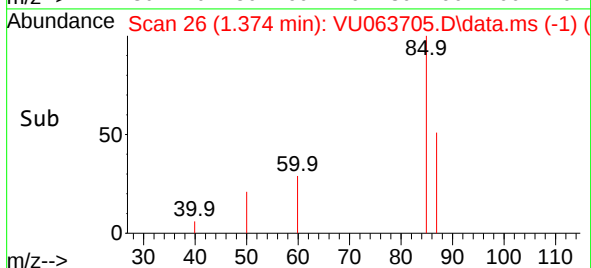
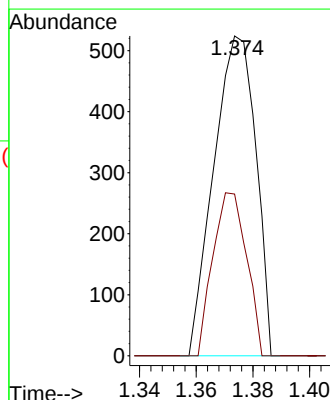
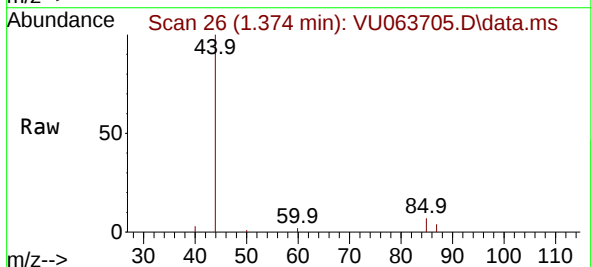
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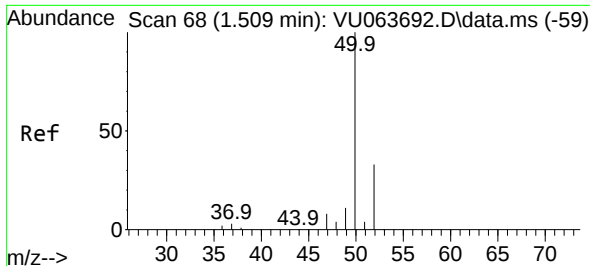
Tgt Ion:168 Resp: 194895
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 0.459 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 85 Resp: 540
Ion Ratio Lower Upper
85 100
87 50.6 17.0 51.0

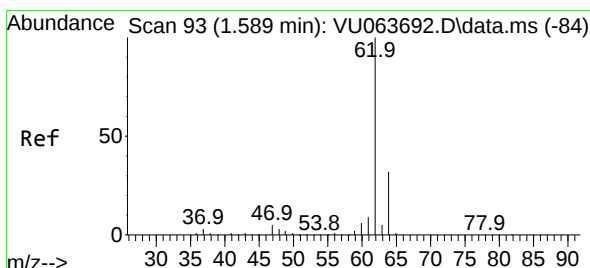
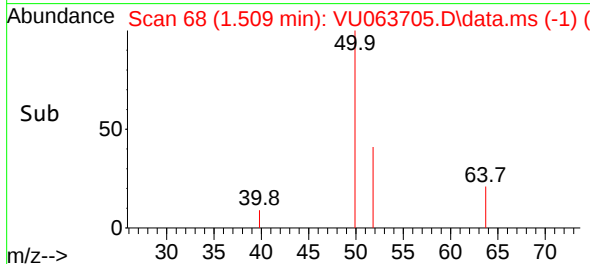
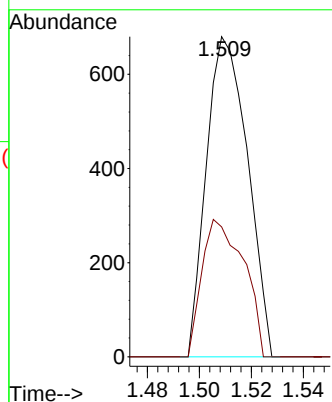
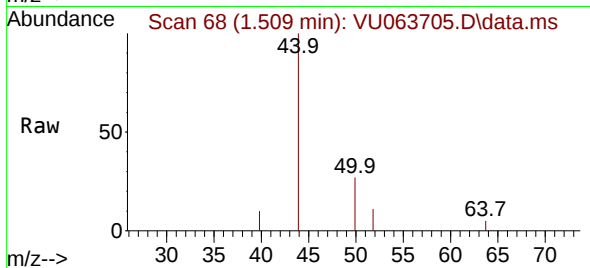




#3
Chloromethane
Concen: 0.547 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

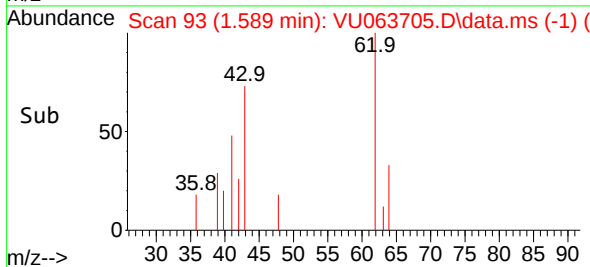
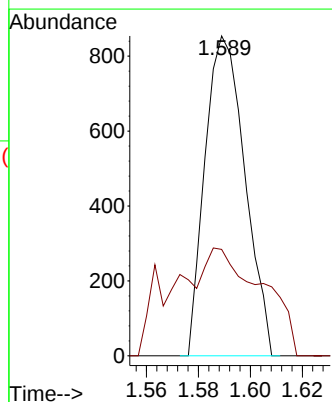
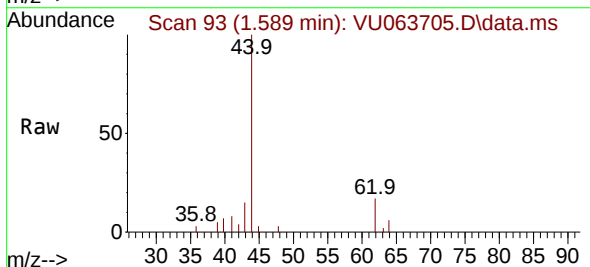
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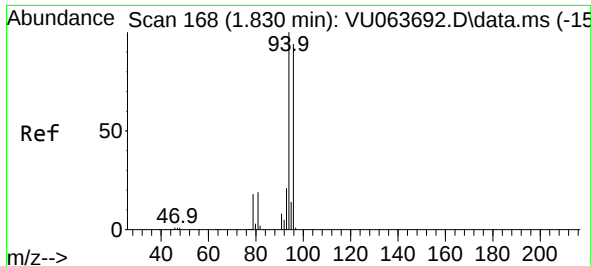
Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 40.6 26.3 39.5#



#4
Vinyl Chloride
Concen: 0.629 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063705.D
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Tgt Ion: 62 Resp: 911
Ion Ratio Lower Upper
62 100
64 15.0 25.9 38.9#

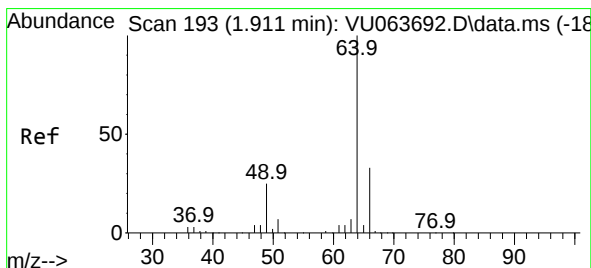
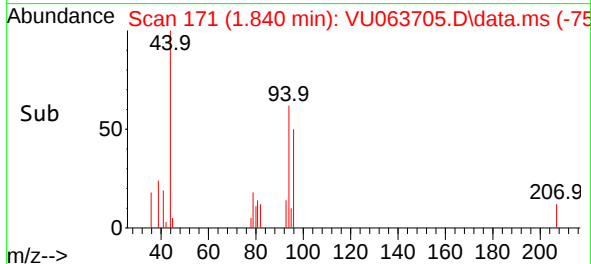
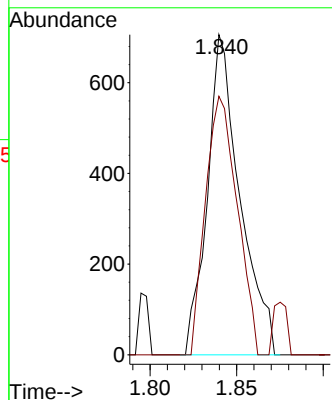
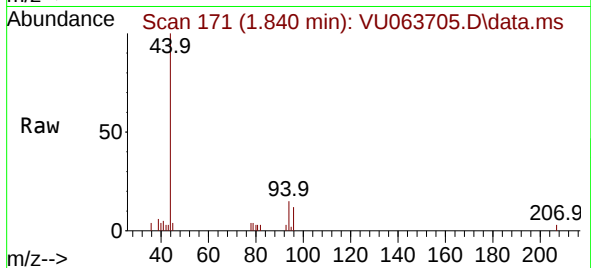




#5
Bromomethane
Concen: 0.913 ug/l
RT: 1.840 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

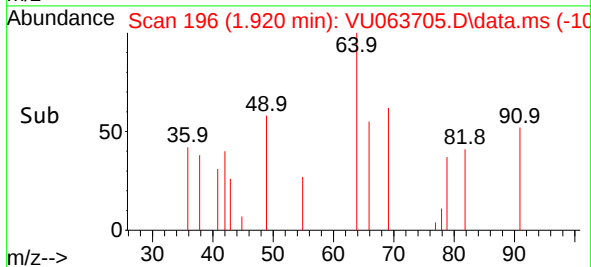
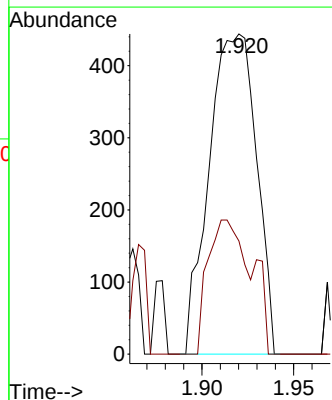
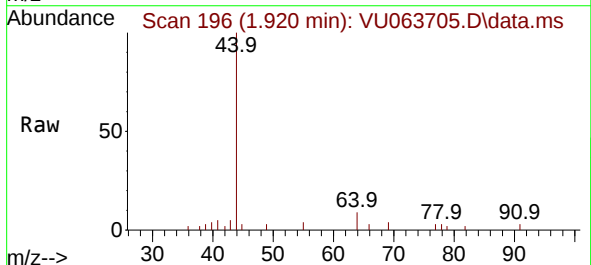
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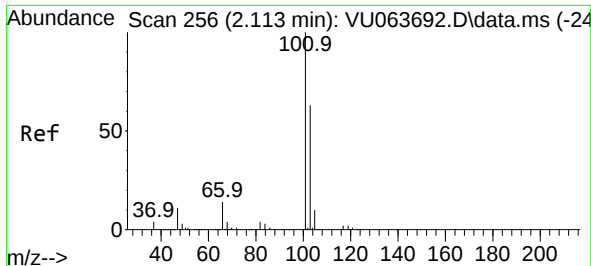
Tgt Ion: 94 Resp: 928
Ion Ratio Lower Upper
94 100
96 80.7 74.8 112.2



#6
Chloroethane
Concen: 0.731 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.009 min
Lab File: VU063705.D
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Tgt Ion: 64 Resp: 800
Ion Ratio Lower Upper
64 100
66 35.4 26.4 39.6

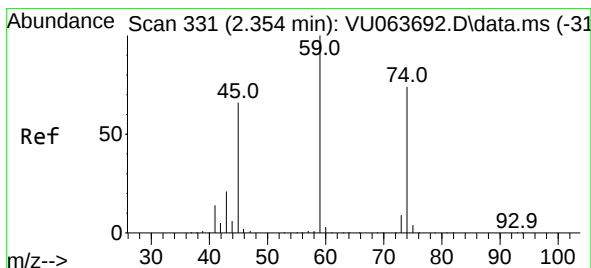
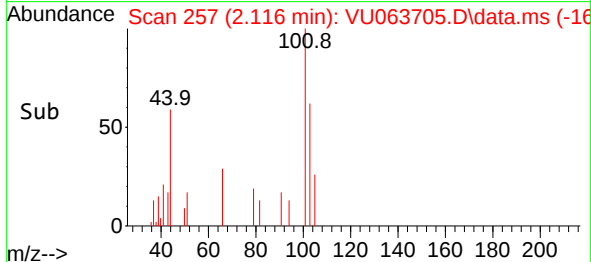
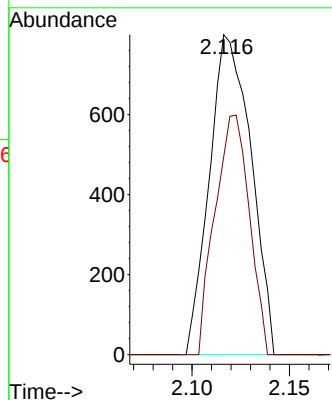
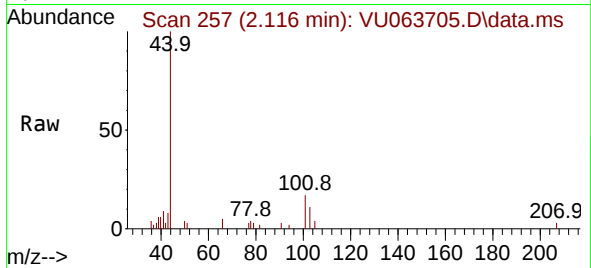




#7
Trichlorofluoromethane
Concen: 0.429 ug/l
RT: 2.116 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU063705.D
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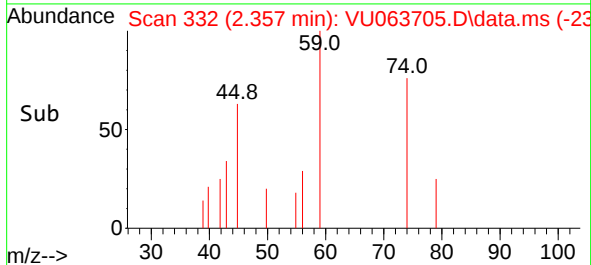
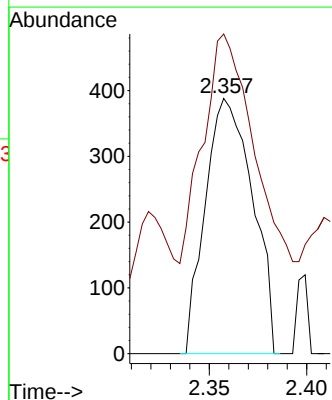
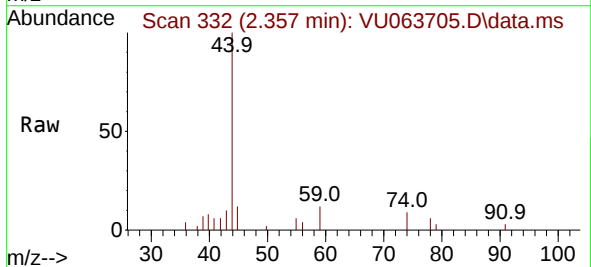
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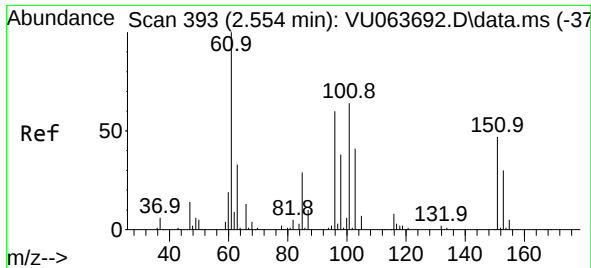
Tgt Ion:101 Resp: 1188
Ion Ratio Lower Upper
101 100
103 61.9 50.3 75.5



#8
Diethyl Ether
Concen: 0.557 ug/l
RT: 2.357 min Scan# 332
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 74 Resp: 656
Ion Ratio Lower Upper
74 100
45 91.6 44.1 132.4

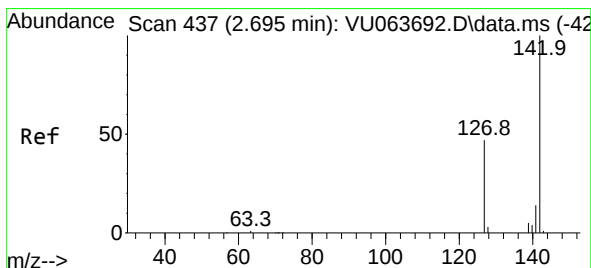
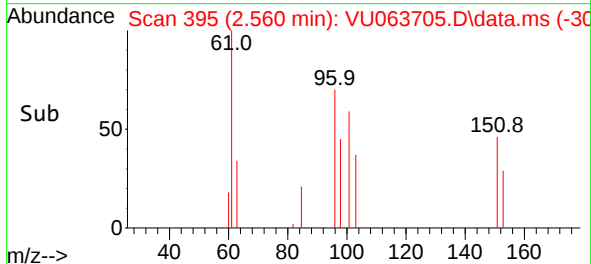
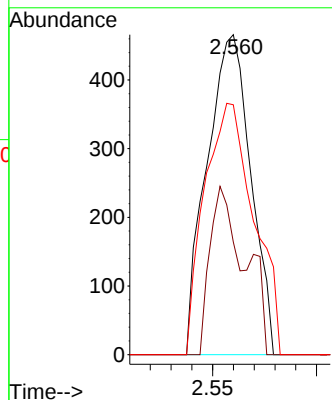
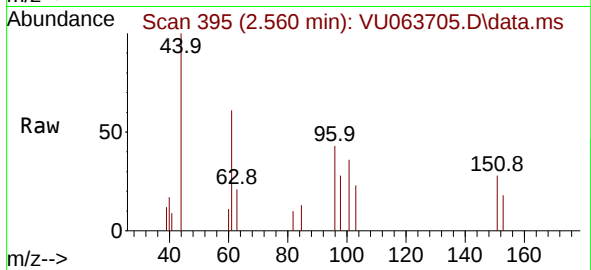




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.388 ug/l
RT: 2.560 min Scan# 395
Delta R.T. 0.006 min
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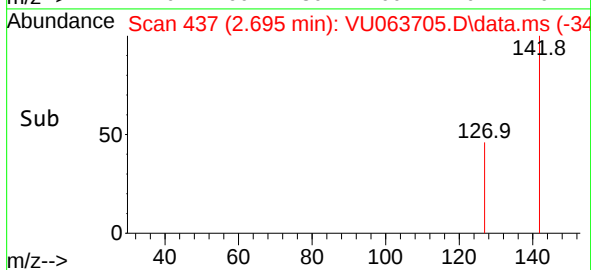
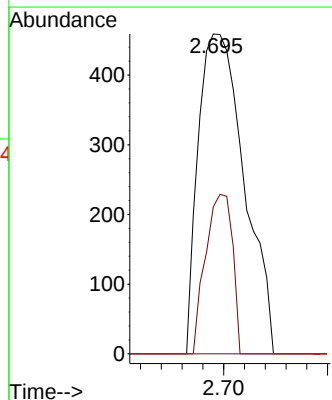
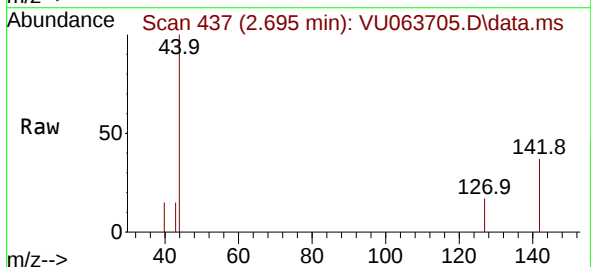
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

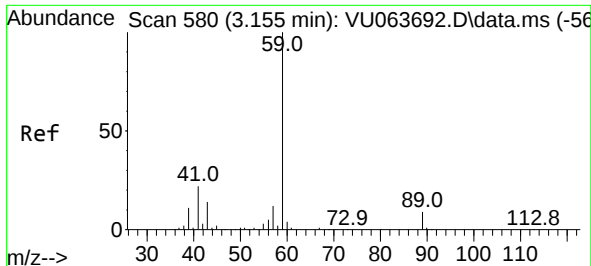
Tgt Ion:101 Resp: 683
Ion Ratio Lower Upper
101 100
85 41.6 36.2 54.4
151 88.4 58.5 87.7#



#10
Methyl Iodide
Concen: 0.402 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion:142 Resp: 706
Ion Ratio Lower Upper
142 100
127 29.2 37.2 55.8#
141 0.0 11.4 17.0#

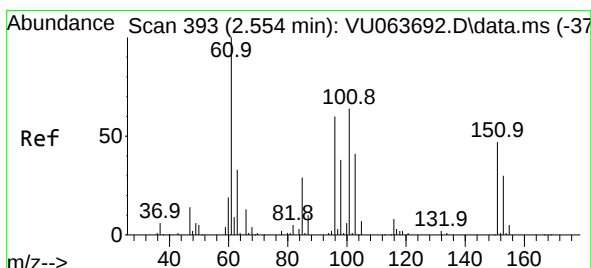
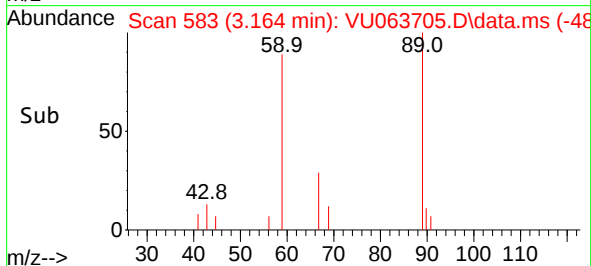
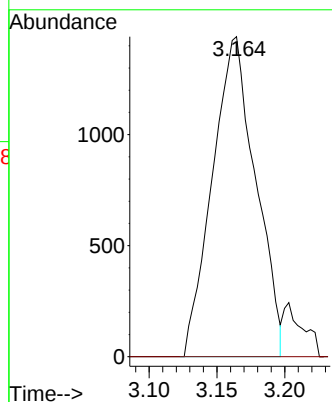
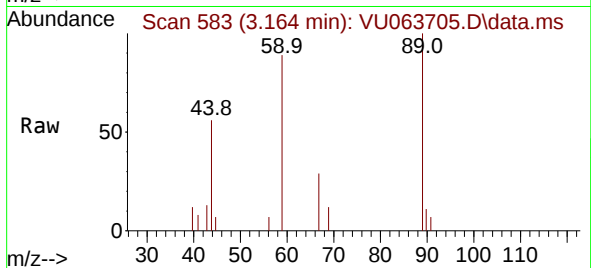




#11
Tert butyl alcohol
Concen: 4.773 ug/l
RT: 3.164 min Scan# 51
Delta R.T. 0.009 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

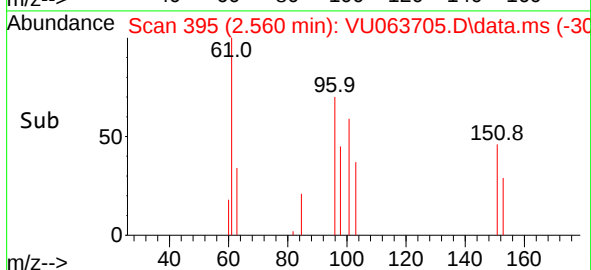
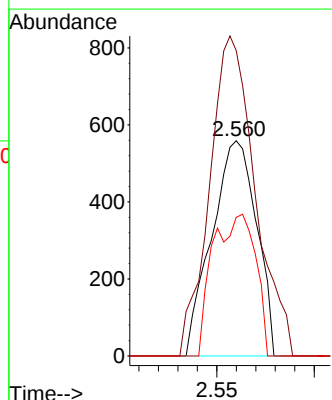
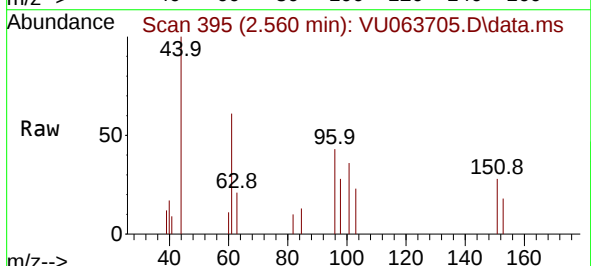
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

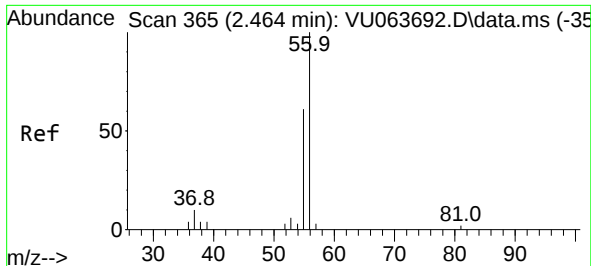
Tgt Ion: 59 Resp: 3206
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 0.588 ug/l
RT: 2.560 min Scan# 395
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 96 Resp: 891
Ion Ratio Lower Upper
96 100
61 141.9 133.1 199.7
98 64.4 50.7 76.1





#13

Acrolein

Concen: 2.104 ug/l

RT: 2.454 min Scan# 3

Delta R.T. -0.010 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

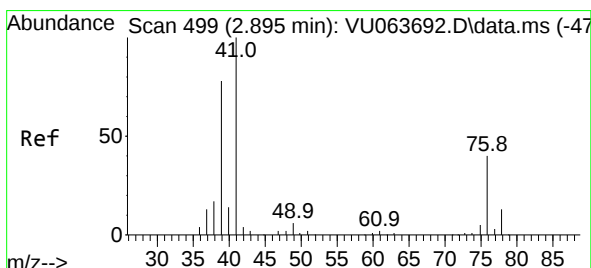
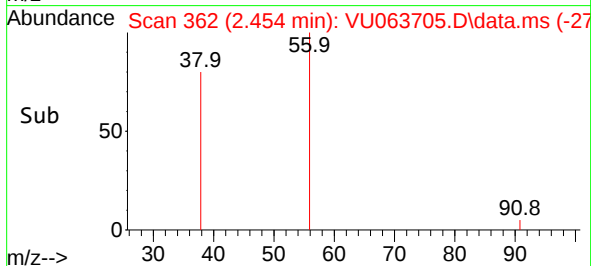
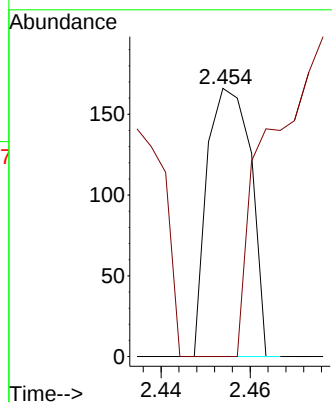
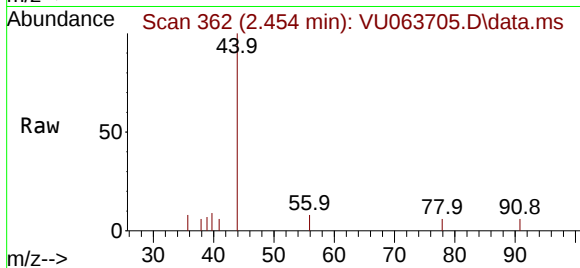
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 56 Resp: 113

Ion Ratio Lower Upper

56 100

55 0.0 47.1 70.7#



#14

Allyl chloride

Concen: 0.217 ug/l

RT: 2.891 min Scan# 498

Delta R.T. -0.004 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

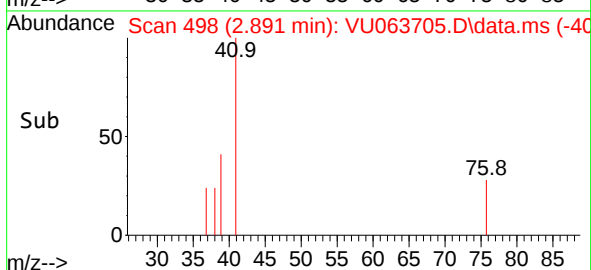
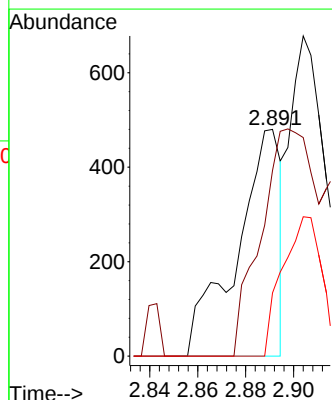
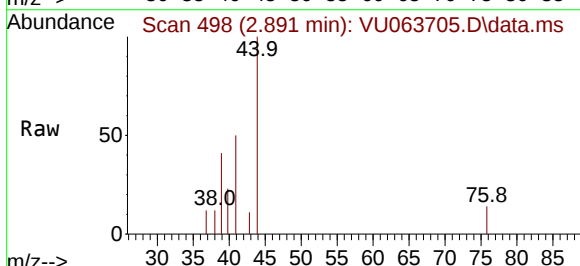
Tgt Ion: 41 Resp: 612

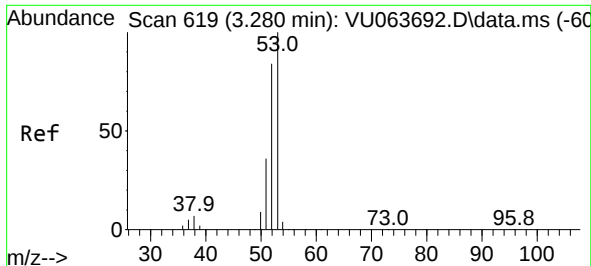
Ion Ratio Lower Upper

41 100

39 0.0 53.1 79.7#

76 0.0 26.4 39.6#

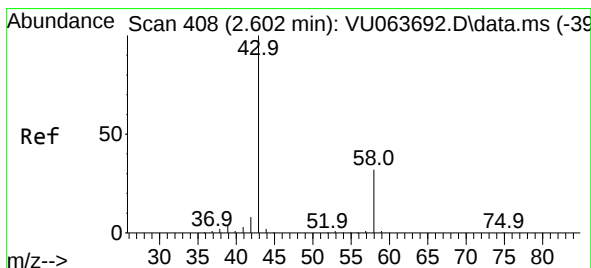
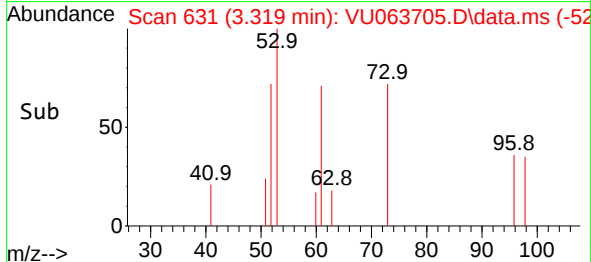
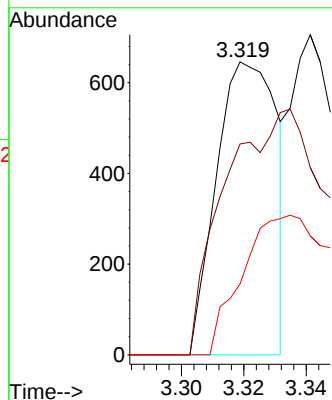
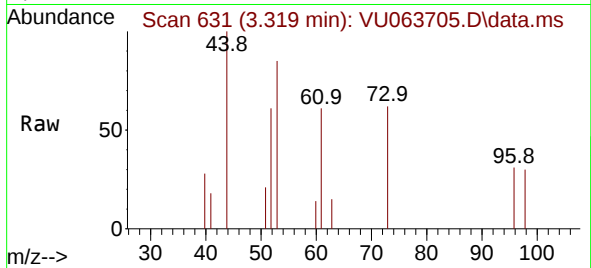




#15
Acrylonitrile
Concen: 0.629 ug/l
RT: 3.319 min Scan# 619
Delta R.T. 0.039 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

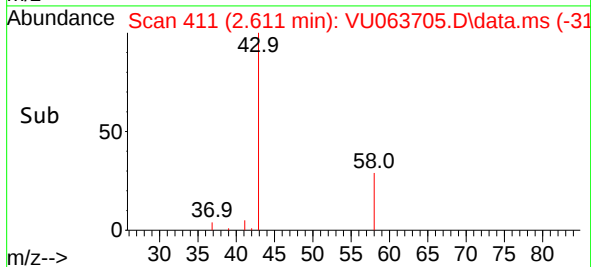
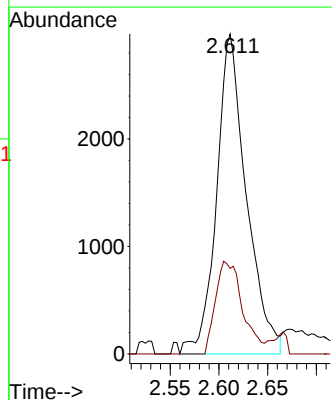
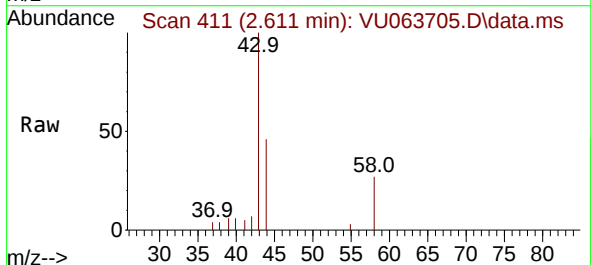
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

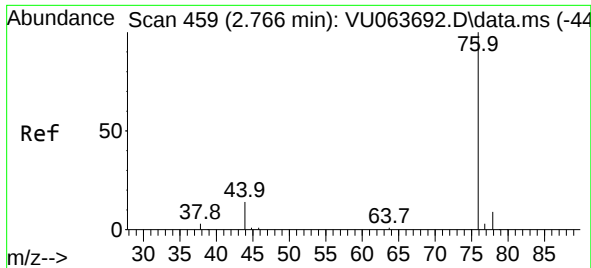
Tgt Ion: 53 Resp: 865
Ion Ratio Lower Upper
53 100
52 0.0 67.5 101.3#
51 0.0 29.0 43.6#



#16
Acetone
Concen: 3.359 ug/l
RT: 2.611 min Scan# 411
Delta R.T. 0.009 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 43 Resp: 6326
Ion Ratio Lower Upper
43 100
58 26.7 25.4 38.2

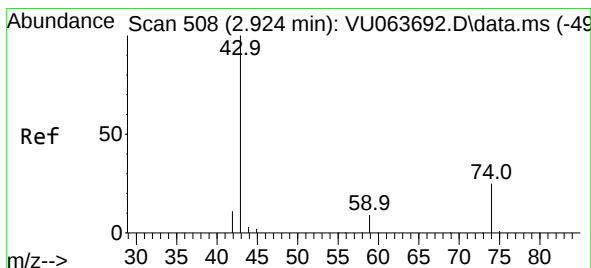
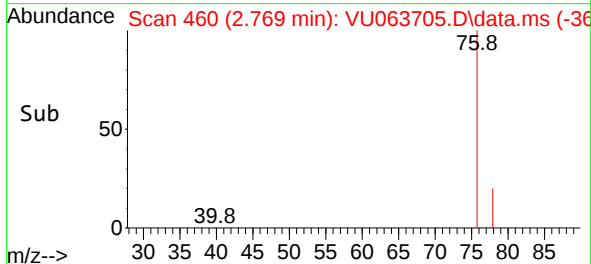
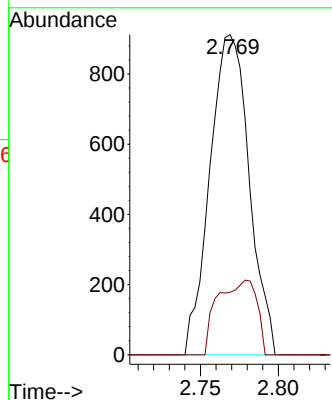
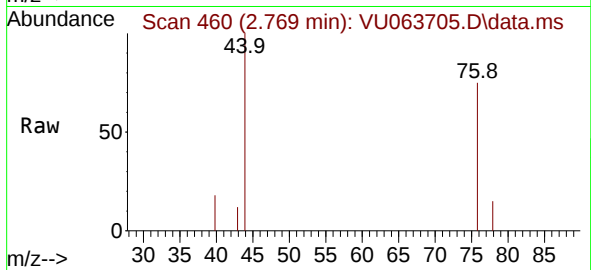




#17
Carbon Disulfide
Concen: 0.718 ug/l
RT: 2.769 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

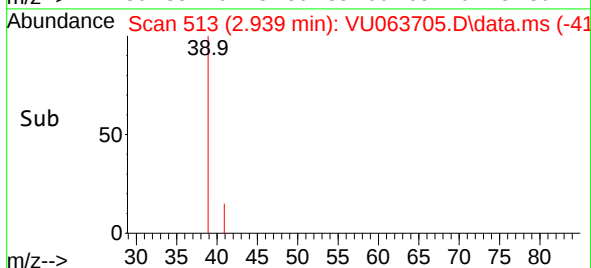
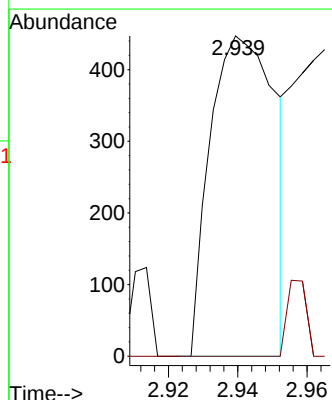
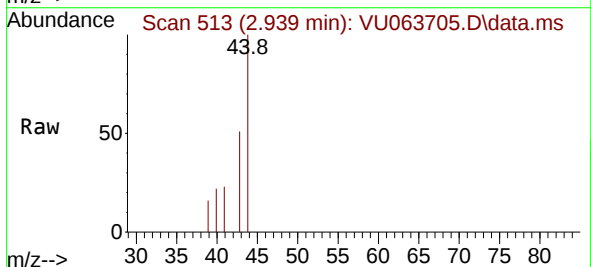
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

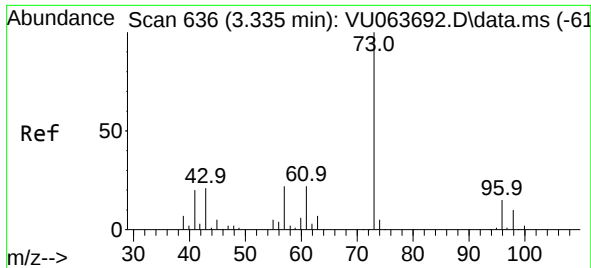
Tgt Ion: 76 Resp: 1601
Ion Ratio Lower Upper
76 100
78 19.5 7.0 10.6#



#18
Methyl Acetate
Concen: 0.130 ug/l
RT: 2.939 min Scan# 513
Delta R.T. 0.015 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 43 Resp: 580
Ion Ratio Lower Upper
43 100
74 7.1 20.6 31.0#

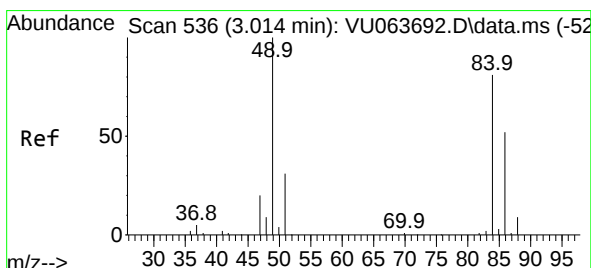
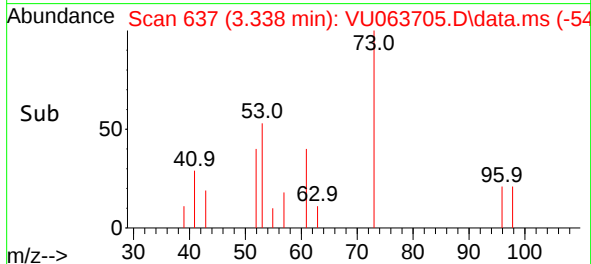
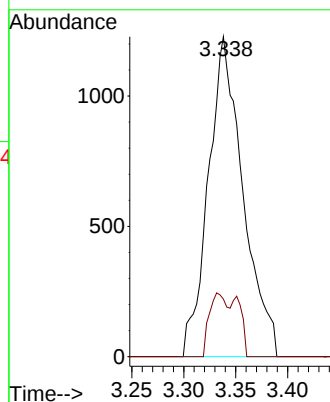
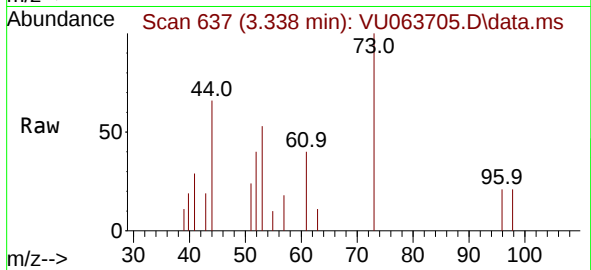




#19
Methyl tert-butyl Ether
Concen: 0.417 ug/l
RT: 3.338 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

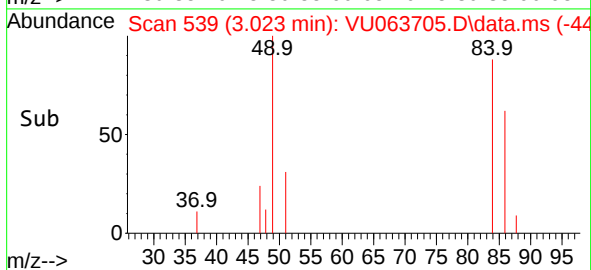
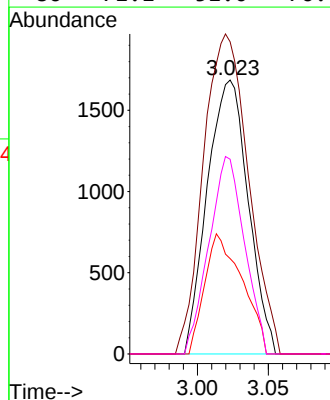
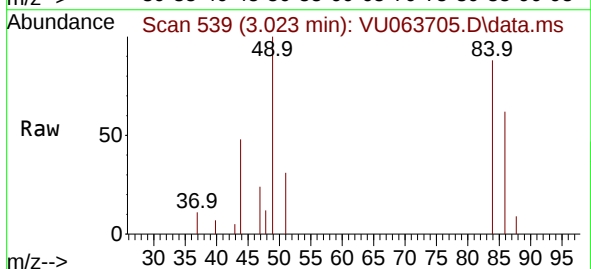
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

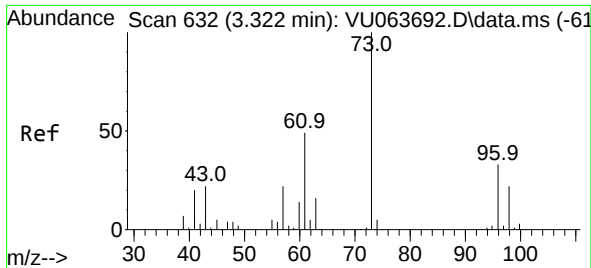
Tgt Ion: 73 Resp: 2850
Ion Ratio Lower Upper
73 100
57 18.0 17.4 26.2



#20
Methylene Chloride
Concen: 1.577 ug/l
RT: 3.023 min Scan# 539
Delta R.T. 0.009 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 84 Resp: 3385
Ion Ratio Lower Upper
84 100
49 114.0 98.4 147.6
51 34.8 30.1 45.1
86 71.1 51.0 76.6

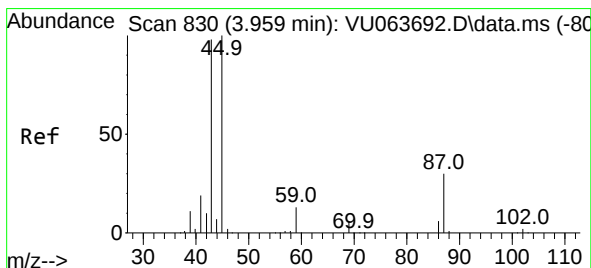
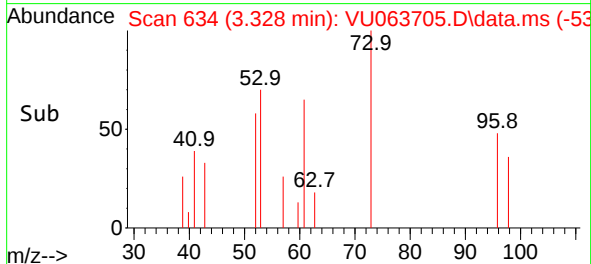
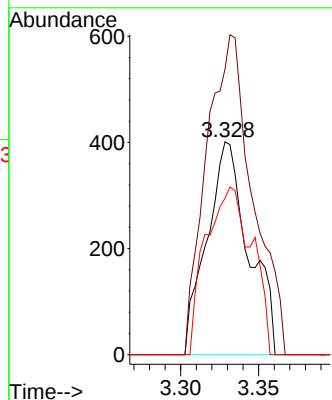
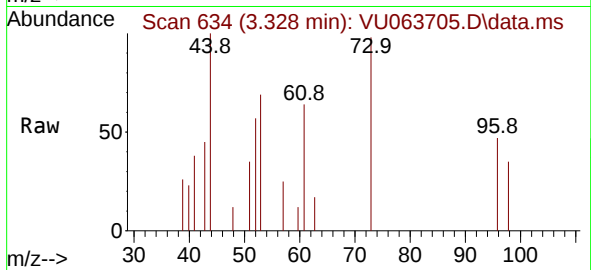




#21
trans-1,2-Dichloroethene
Concen: 0.481 ug/l
RT: 3.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

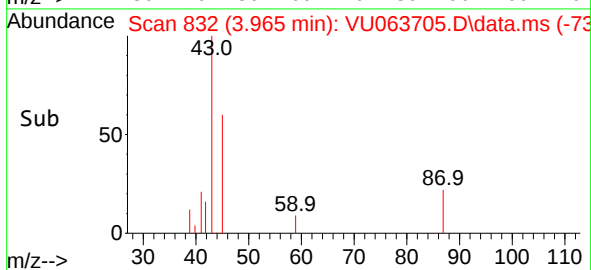
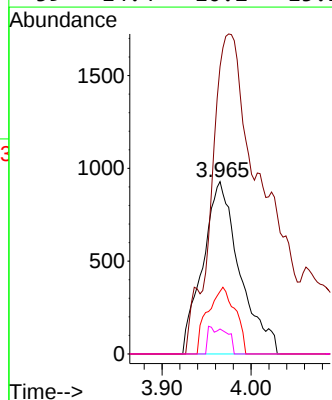
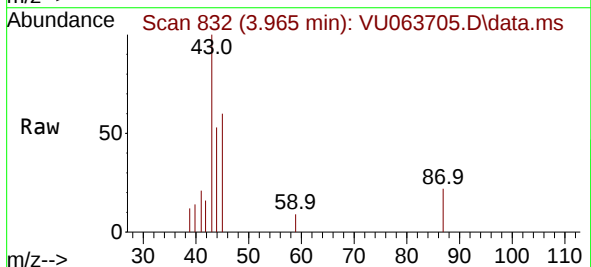
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

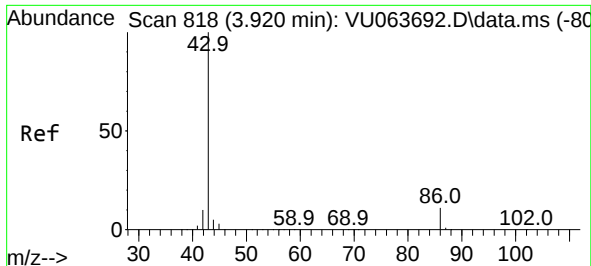
Tgt Ion: 96 Resp: 748
Ion Ratio Lower Upper
96 100
61 134.2 117.5 176.3
98 73.6 52.7 79.1



#22
Diisopropyl ether
Concen: 0.430 ug/l
RT: 3.965 min Scan# 832
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 45 Resp: 2675
Ion Ratio Lower Upper
45 100
43 166.8 78.1 117.1#
87 36.3 23.8 35.8#
59 14.4 10.2 15.2

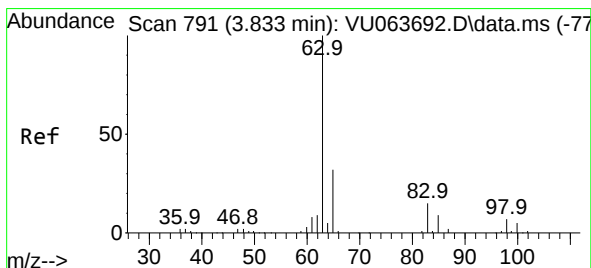
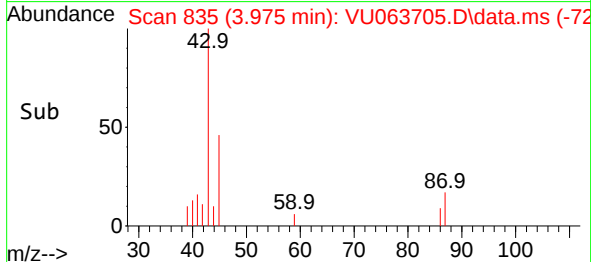
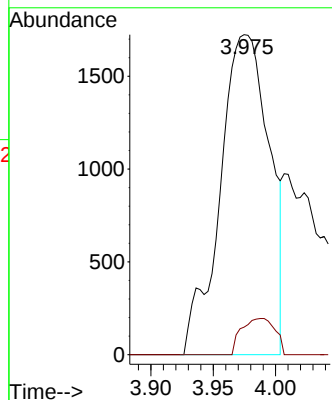
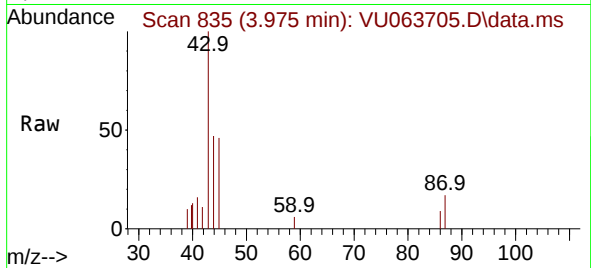




#23
 Vinyl Acetate
 Concen: 1.119 ug/l
 RT: 3.975 min Scan# 818
 Delta R.T. 0.055 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55

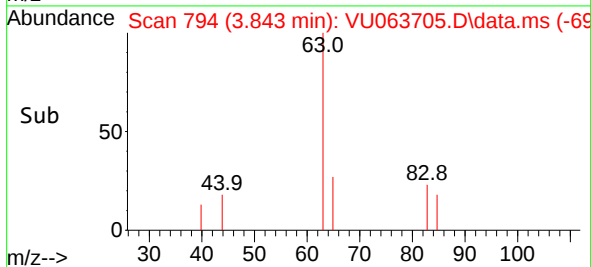
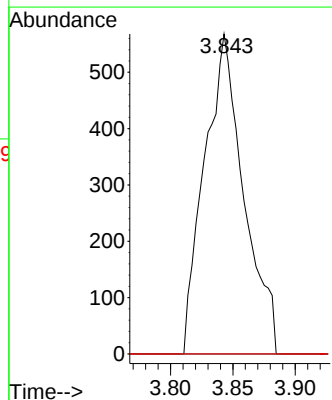
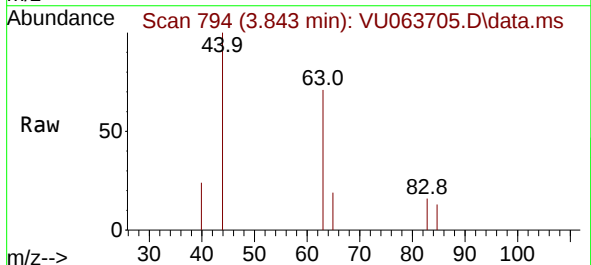
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

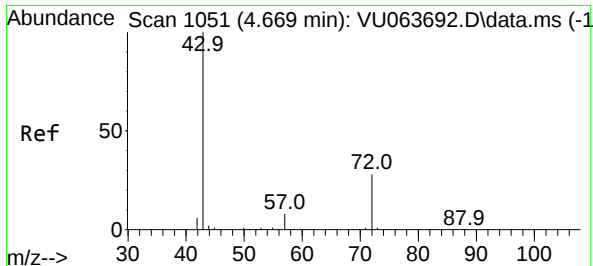
Tgt Ion: 43 Resp: 4752
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.7 13.1#



#24
 1,1-Dichloroethane
 Concen: 0.347 ug/l
 RT: 3.843 min Scan# 794
 Delta R.T. 0.010 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55

Tgt Ion: 63 Resp: 1247
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.7 11.1#
 100 0.0 2.5 7.5#





#25

2-Butanone

Concen: 0.046 ug/l

RT: 4.669 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

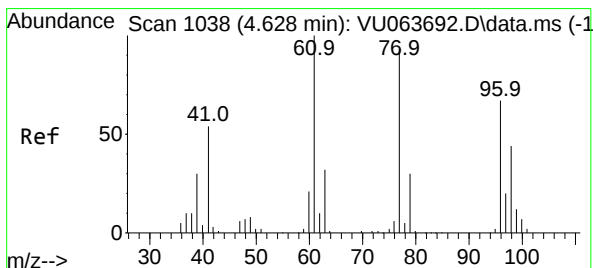
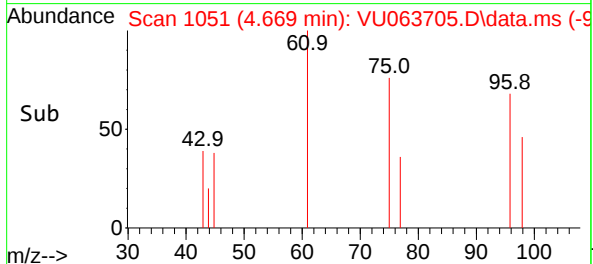
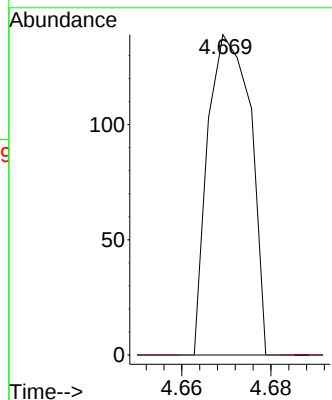
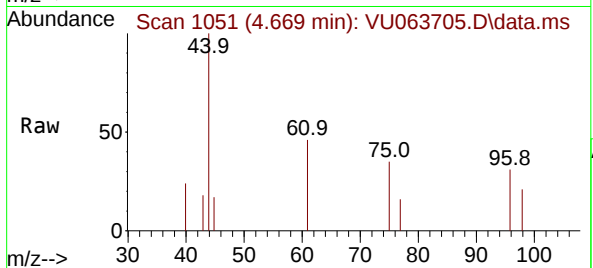
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 92

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



#26

2,2-Dichloropropane

Concen: 0.244 ug/l

RT: 4.621 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VU063705.D

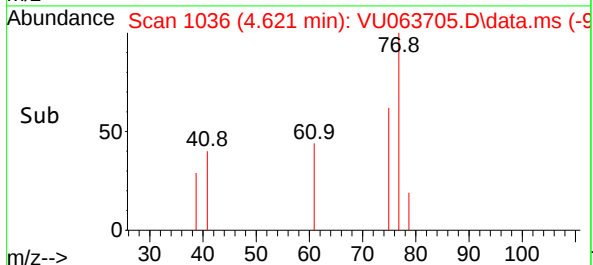
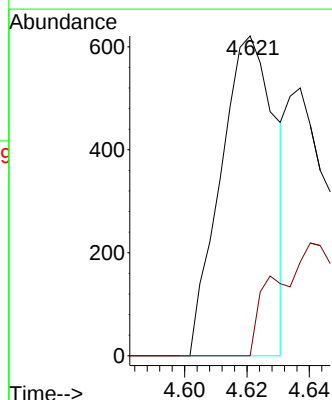
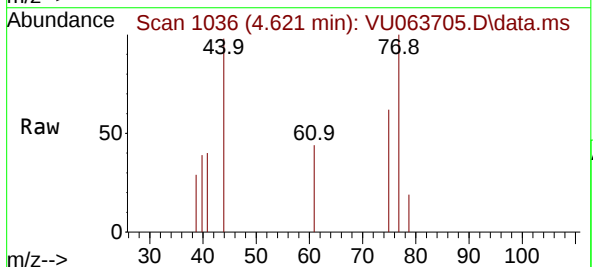
Acq: 11 Nov 2025 14:55

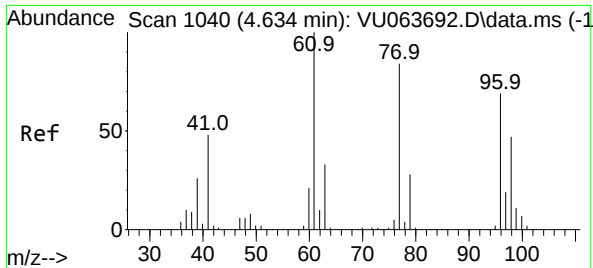
Tgt Ion: 77 Resp: 753

Ion Ratio Lower Upper

77 100

97 38.0 10.9 32.9#

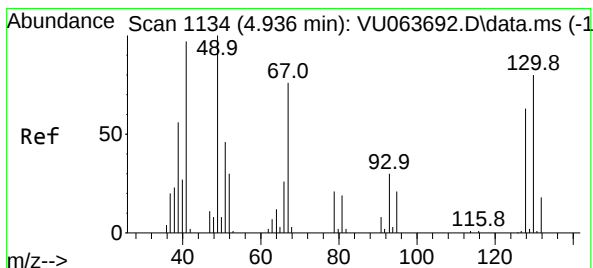
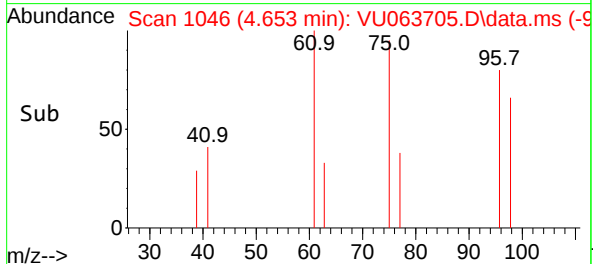
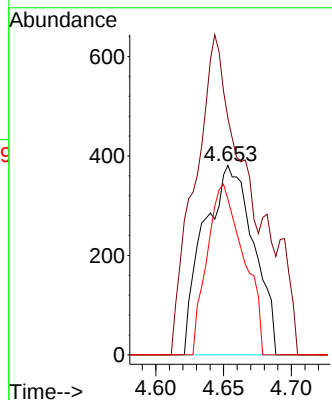
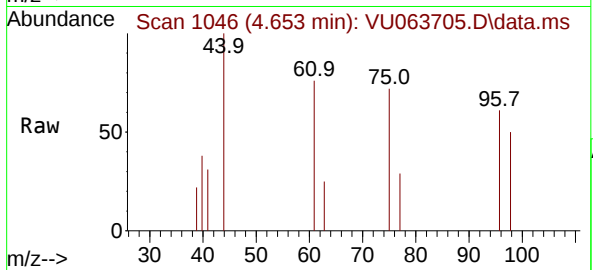




#27
 cis-1,2-Dichloroethene
 Concen: 0.428 ug/l
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.019 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55

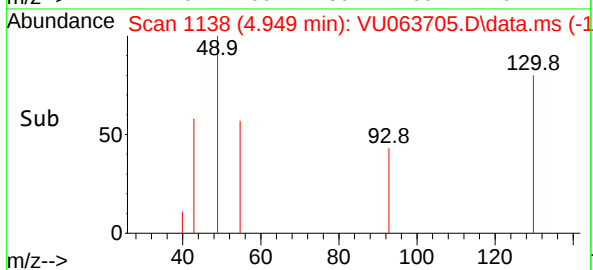
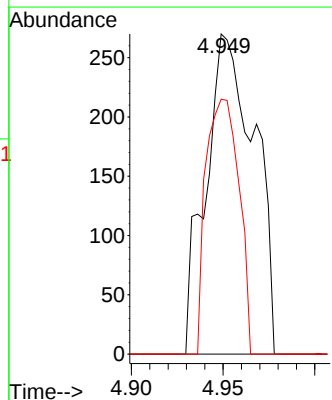
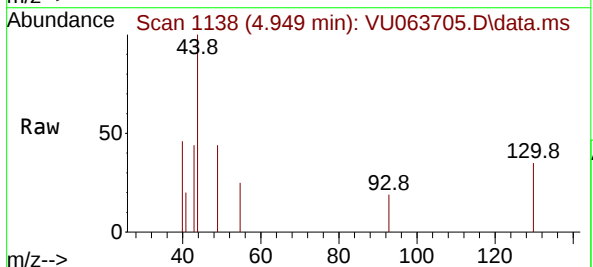
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

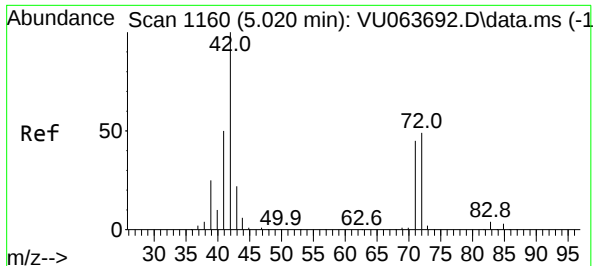
Tgt Ion: 96 Resp: 973
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 295.4
 98 65.8 0.0 131.8



#28
 Bromochloromethane
 Concen: 0.347 ug/l
 RT: 4.949 min Scan# 1138
 Delta R.T. 0.013 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55

Tgt Ion: 49 Resp: 498
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 54.0 65.1 97.7#





#29

Tetrahydrofuran

Concen: 1.011 ug/l

RT: 5.045 min Scan# 1168

Delta R.T. 0.025 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

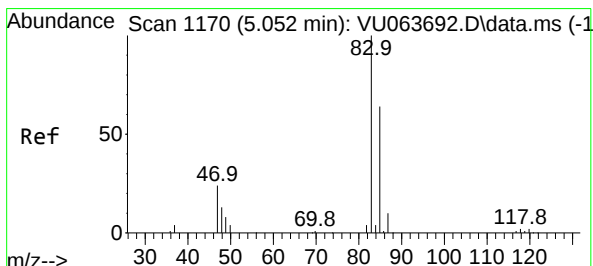
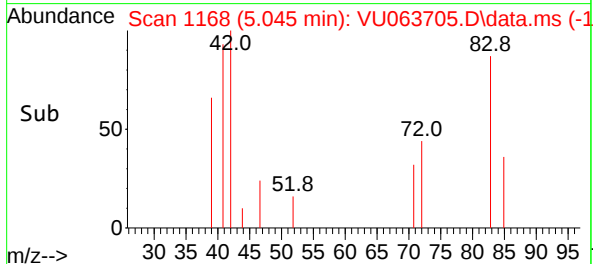
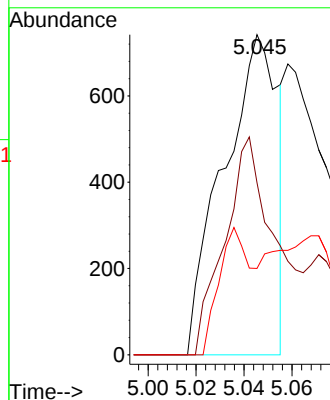
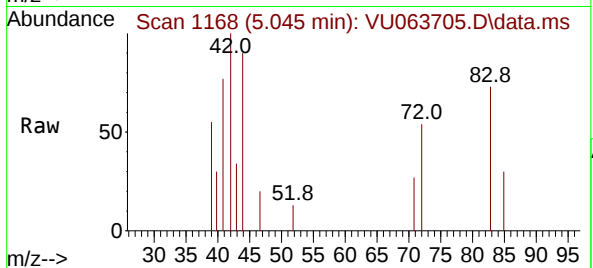
Tgt Ion: 42 Resp: 1166

Ion Ratio Lower Upper

42 100

72 65.1 40.0 60.0#

71 24.2 37.4 56.0#



#30

Chloroform

Concen: 0.514 ug/l

RT: 5.061 min Scan# 1173

Delta R.T. 0.009 min

Lab File: VU063705.D

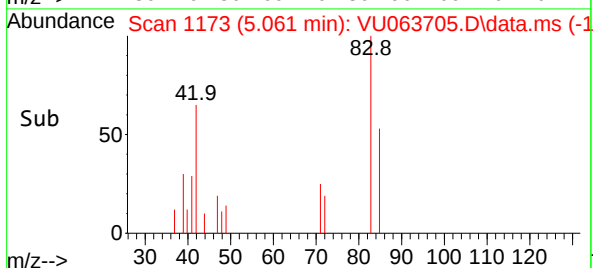
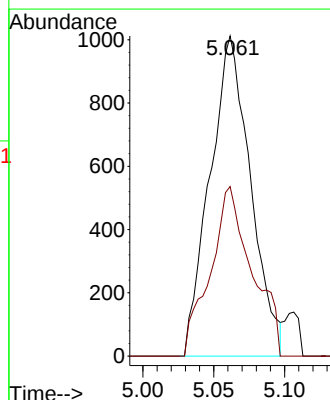
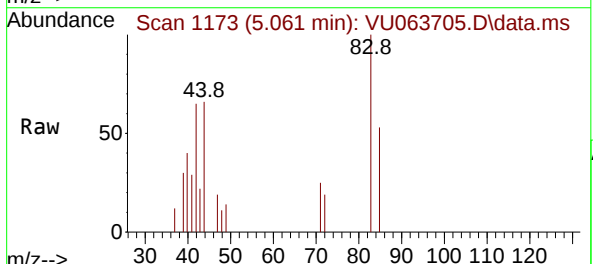
Acq: 11 Nov 2025 14:55

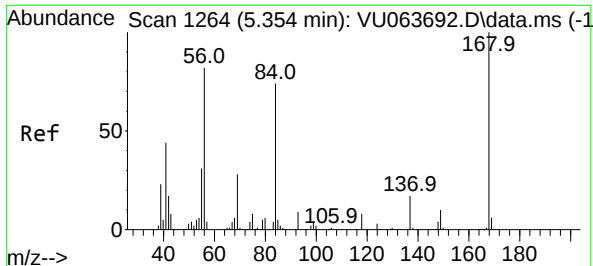
Tgt Ion: 83 Resp: 2020

Ion Ratio Lower Upper

83 100

85 53.0 51.0 76.6

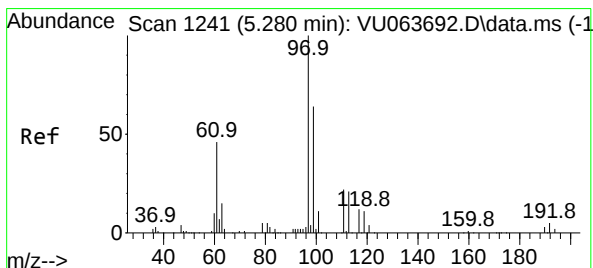
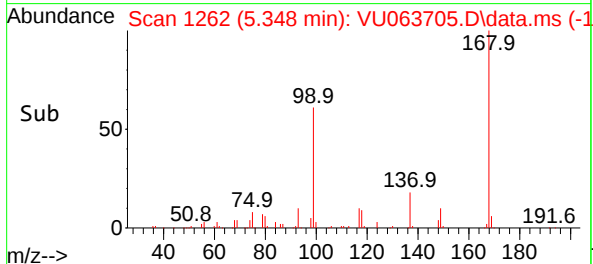
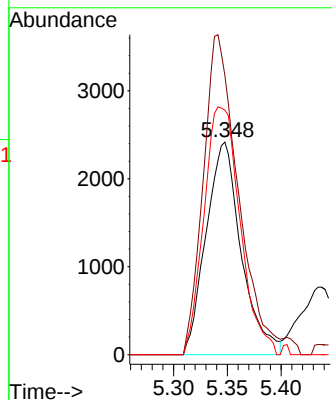
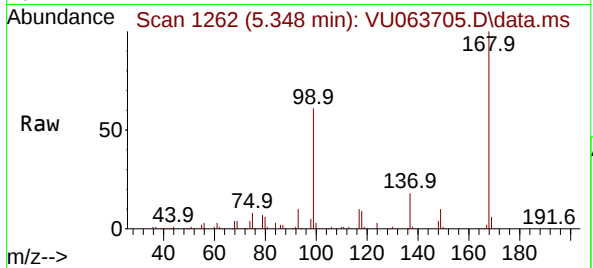




#31
Cyclohexane
Concen: 2.167 ug/l
RT: 5.348 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

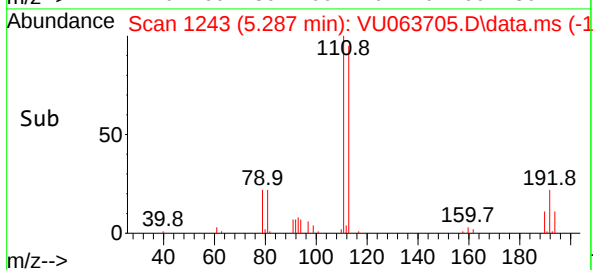
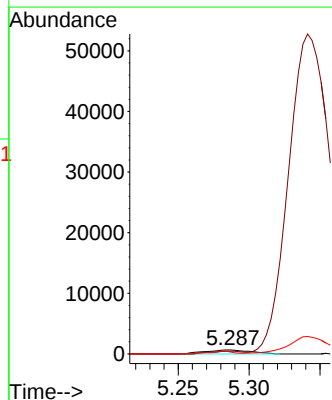
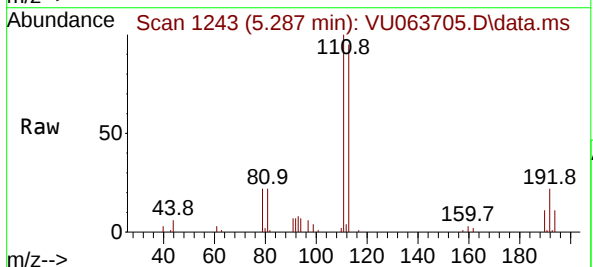
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

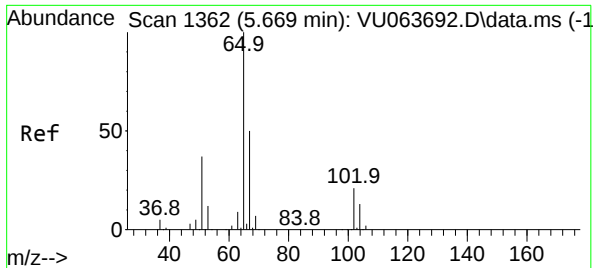
Tgt Ion: 56 Resp: 5493
Ion Ratio Lower Upper
56 100
69 131.4 27.0 40.6#
84 115.1 71.8 107.6#



#32
1,1,1-Trichloroethane
Concen: 0.454 ug/l
RT: 5.287 min Scan# 1243
Delta R.T. 0.007 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 97 Resp: 1465
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.8#
61 35.4 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 47.213 ug/l

RT: 5.672 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

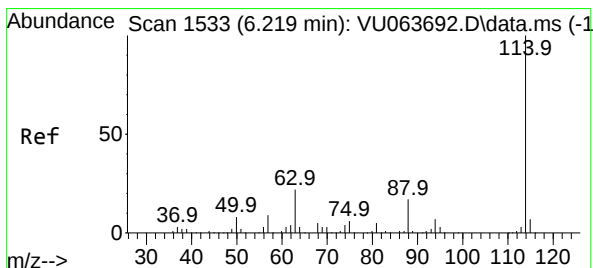
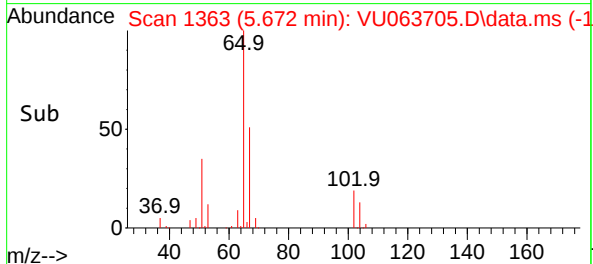
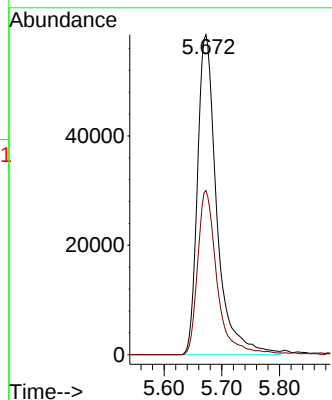
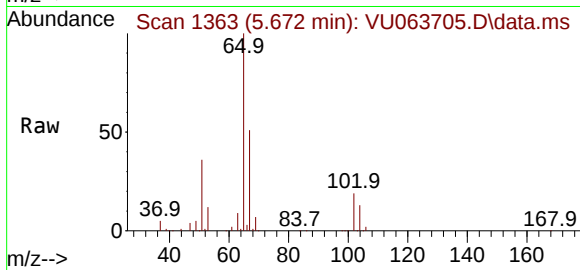
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 65 Resp: 135928

Ion Ratio Lower Upper

65 100

67 51.6 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: VU063705.D

Acq: 11 Nov 2025 14:55

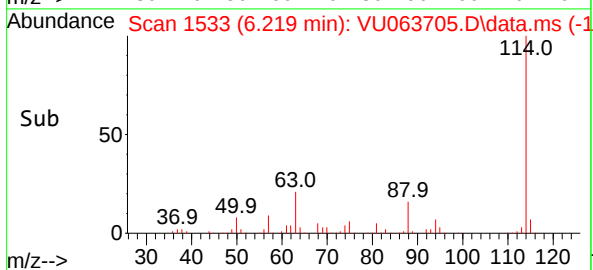
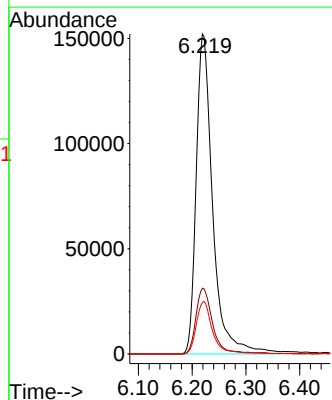
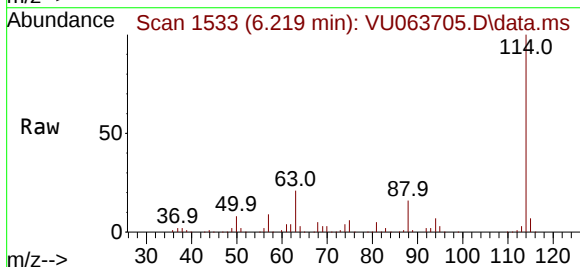
Tgt Ion: 114 Resp: 323914

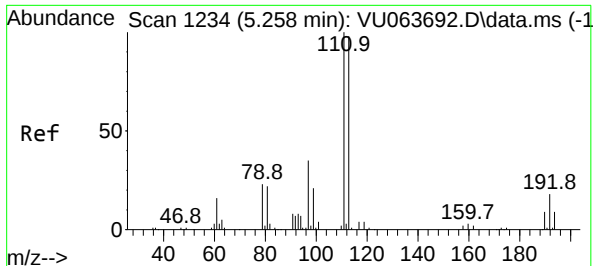
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.0

88 16.1 0.0 33.6

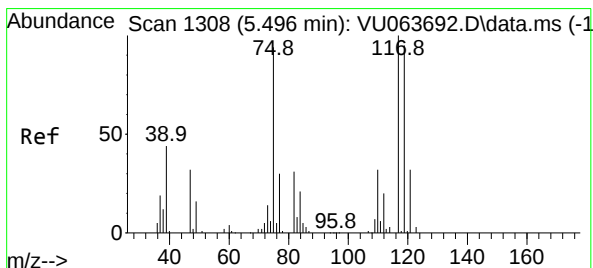
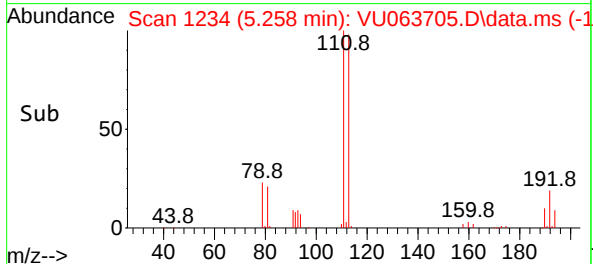
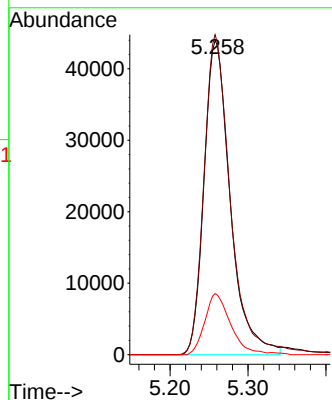
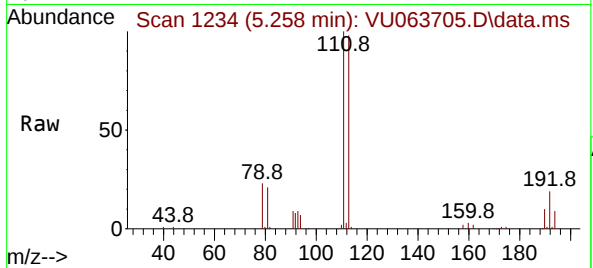




#35
Dibromofluoromethane
Concen: 45.159 ug/l
RT: 5.258 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

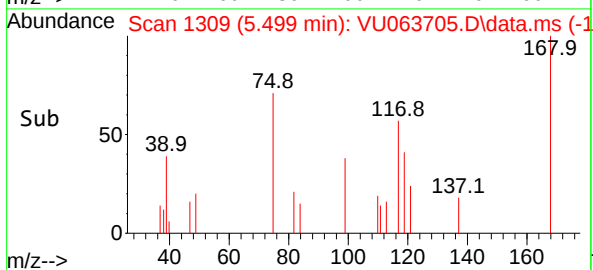
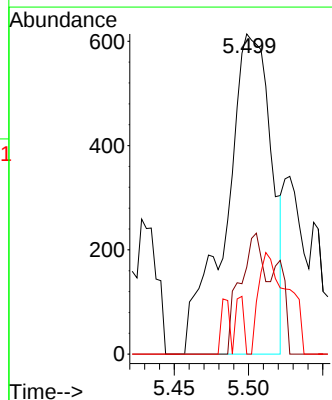
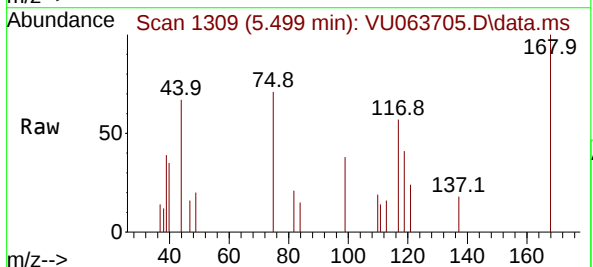
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

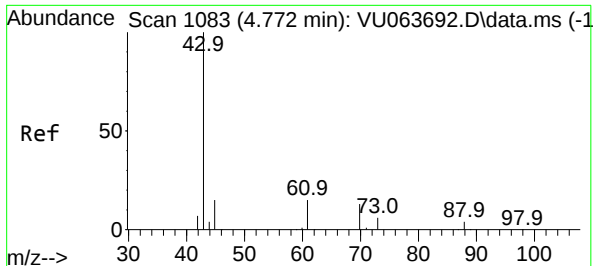
Tgt Ion:113 Resp: 102452
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 0.566 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 75 Resp: 1307
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.7#
77 3.2 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.639 ug/l

RT: 4.743 min Scan# 1074

Delta R.T. -0.029 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

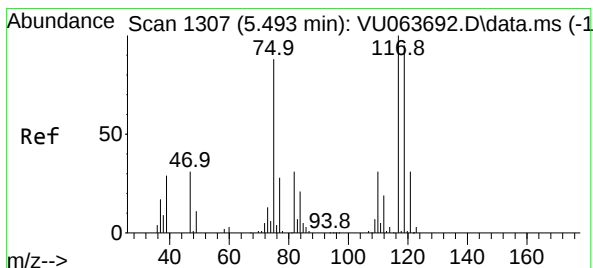
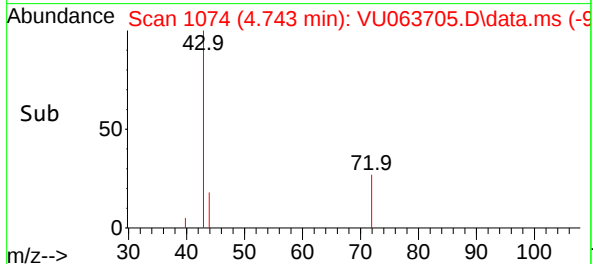
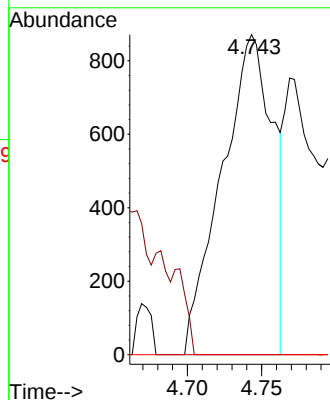
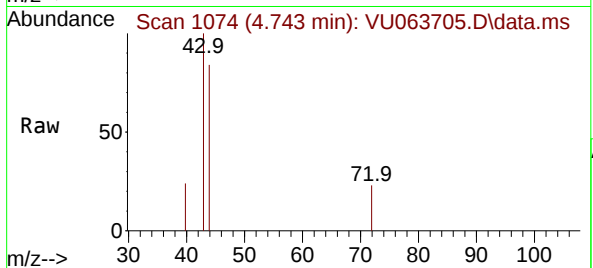
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43	Resp: 2088
Ion Ratio	Lower Upper
43	100
61	0.0 10.3 15.5#
70	0.0 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 0.492 ug/l

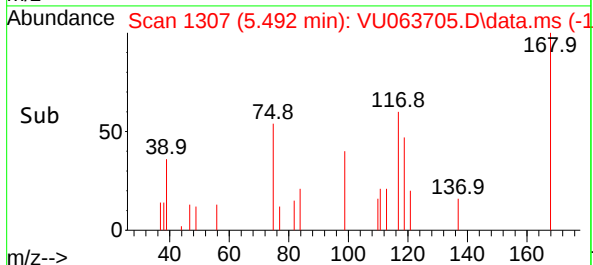
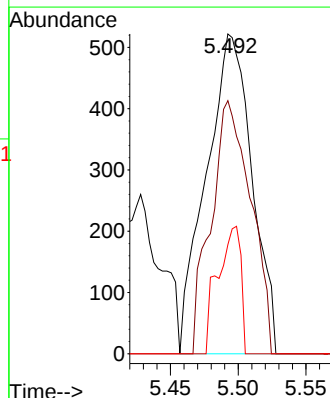
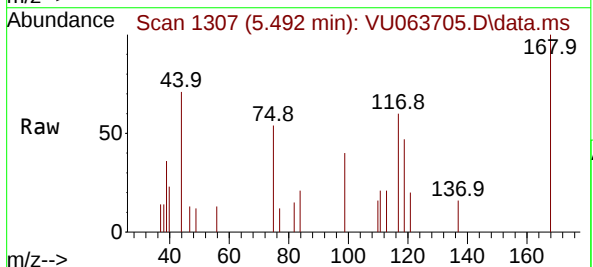
RT: 5.492 min Scan# 1307

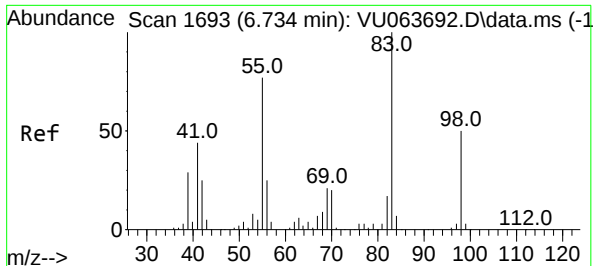
Delta R.T. -0.001 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Tgt Ion: 117	Resp: 1229
Ion Ratio	Lower Upper
117	100
119	79.1 76.1 114.1
121	34.1 24.6 37.0





#39

Methylcyclohexane

Concen: 0.458 ug/l

RT: 6.730 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

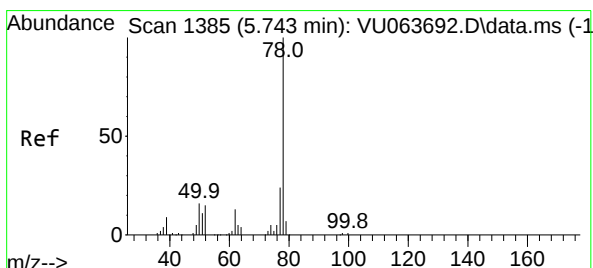
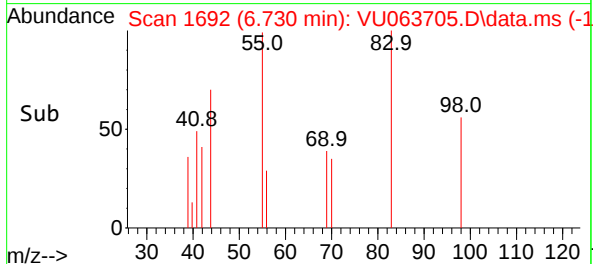
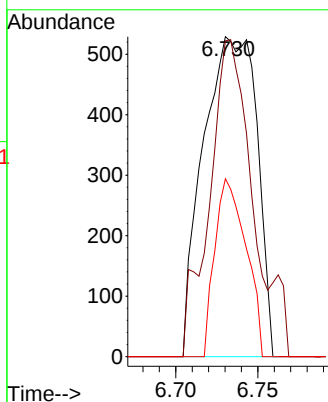
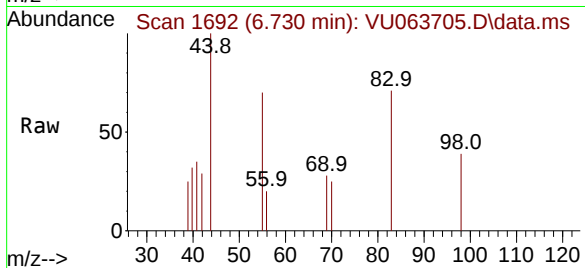
Tgt Ion: 83 Resp: 1201

Ion Ratio Lower Upper

83 100

55 98.7 61.6 92.4#

98 55.6 40.0 60.0



#40

Benzene

Concen: 0.455 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. 0.013 min

Lab File: VU063705.D

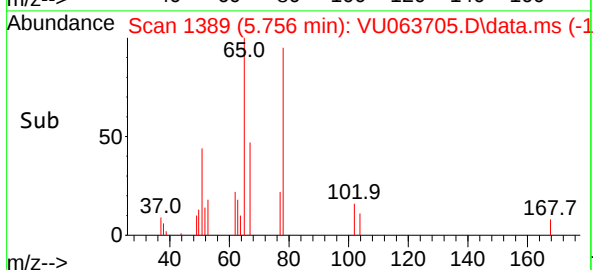
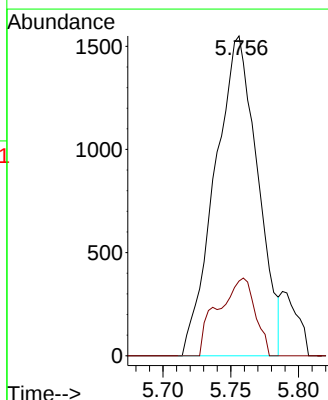
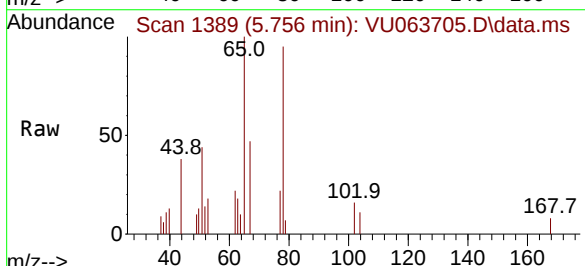
Acq: 11 Nov 2025 14:55

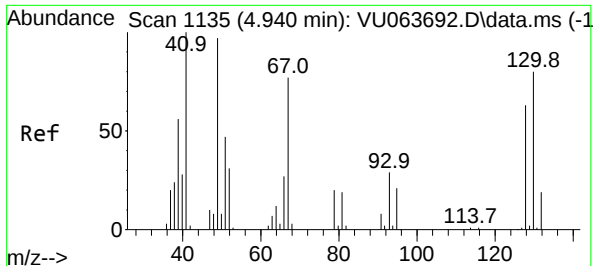
Tgt Ion: 78 Resp: 3391

Ion Ratio Lower Upper

78 100

77 23.4 18.9 28.3

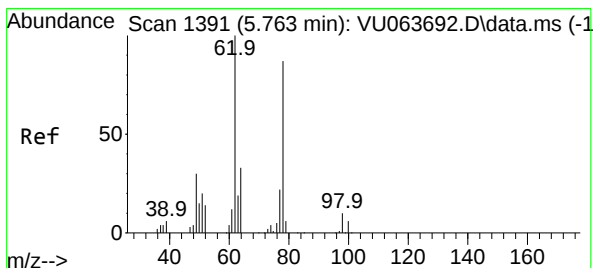
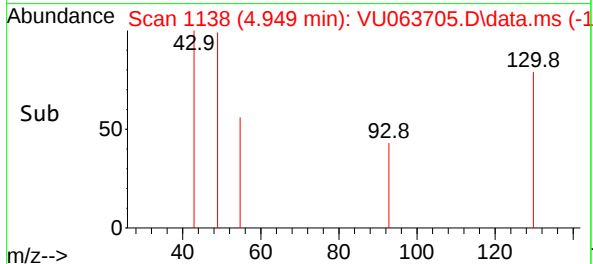
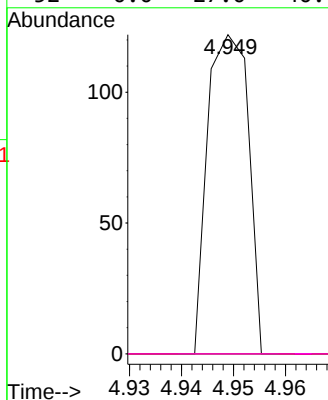
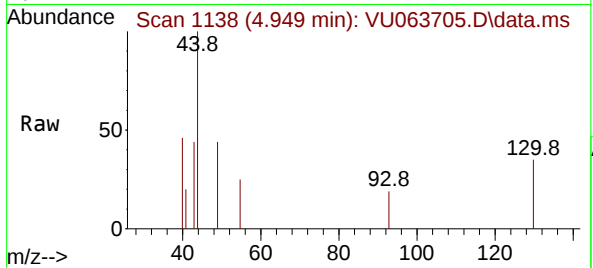




#41
Methacrylonitrile
Concen: 0.039 ug/l
RT: 4.949 min Scan# 1138
Delta R.T. 0.009 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

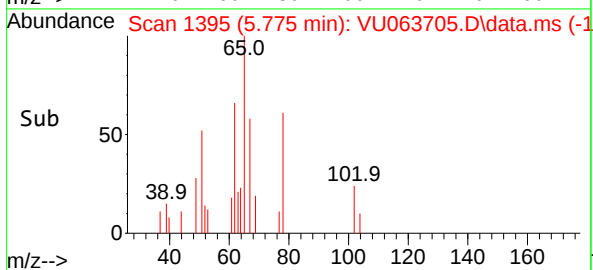
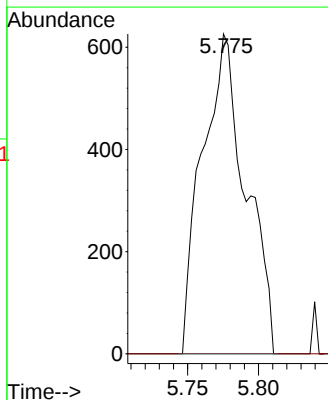
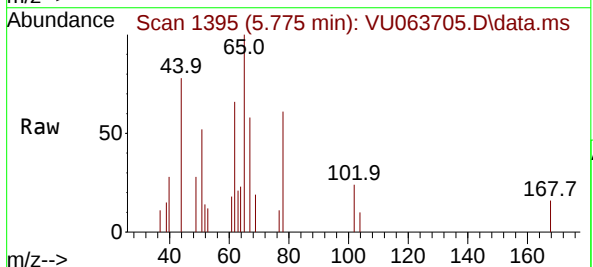
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

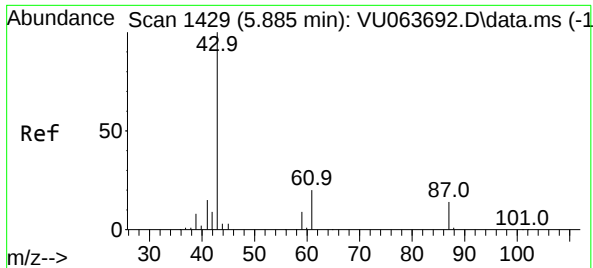
Tgt Ion: 41	Resp: 66
Ion Ratio	Lower Upper
41 100	
39 0.0	44.7 67.1#
67 0.0	67.4 101.2#
52 0.0	27.0 40.4#



#42
1,2-Dichloroethane
Concen: 0.454 ug/l
RT: 5.775 min Scan# 1395
Delta R.T. 0.012 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 62	Resp: 1333
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 18.2





#43

Isopropyl Acetate

Concen: 0.242 ug/l

RT: 5.904 min Scan# 1429

Delta R.T. 0.019 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

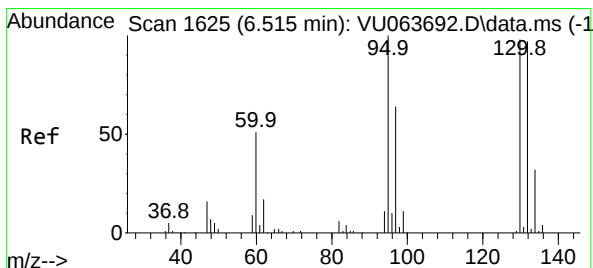
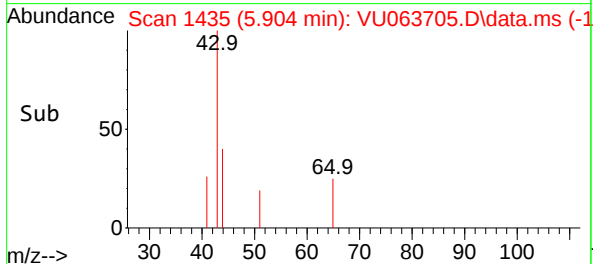
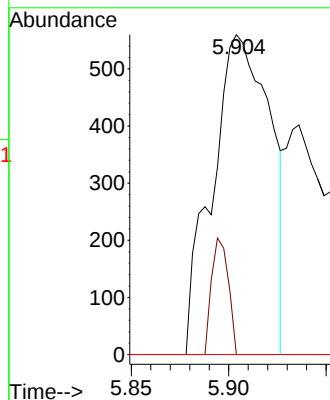
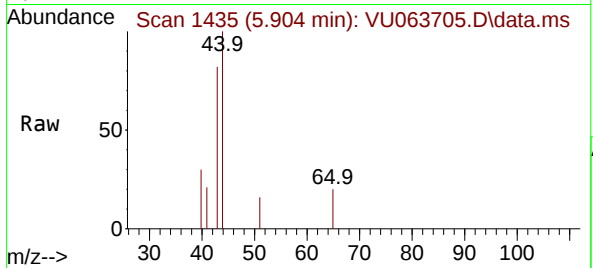
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43	Resp:	1161
Ion Ratio	Lower	Upper
43	100	
61	10.5	15.9 23.9#
87	0.0	11.0 16.6#



#44

Trichloroethene

Concen: 0.504 ug/l

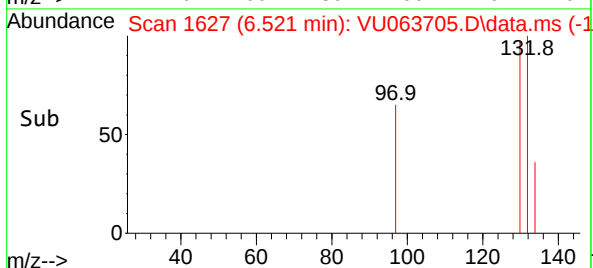
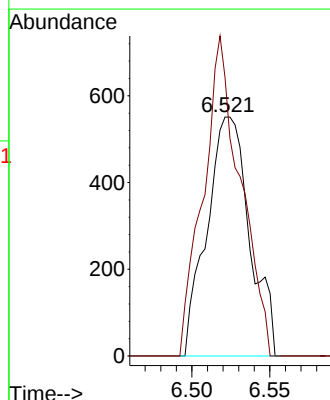
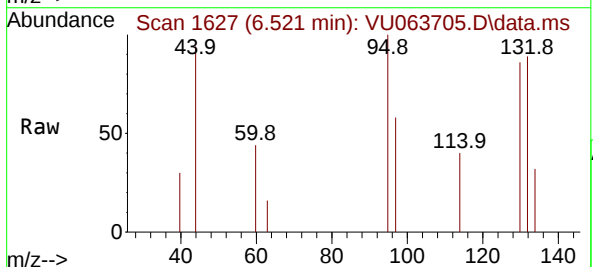
RT: 6.521 min Scan# 1627

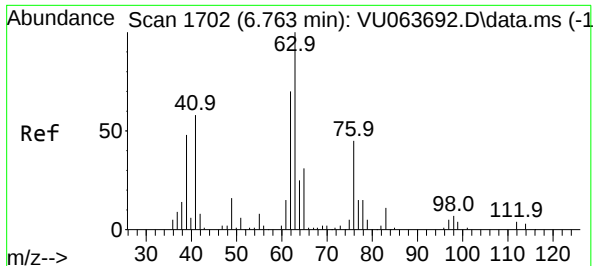
Delta R.T. 0.006 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Tgt Ion: 130	Resp:	1053
Ion Ratio	Lower	Upper
130	100	
95	116.7	0.0 203.6





#45

1,2-Dichloropropane

Concen: 0.405 ug/l

RT: 6.762 min Scan# 1

Delta R.T. -0.001 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

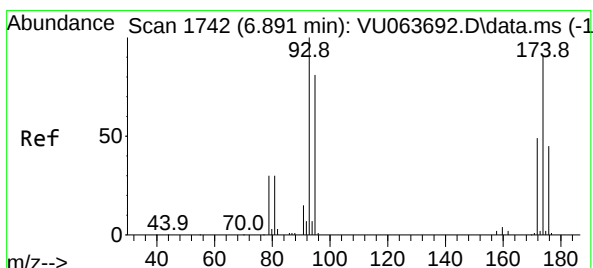
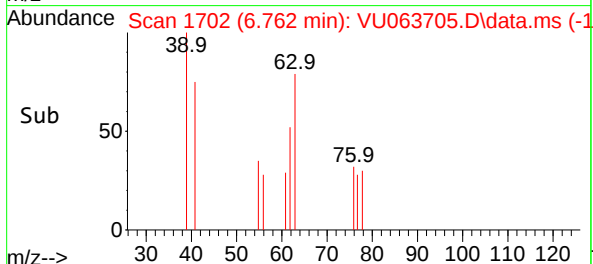
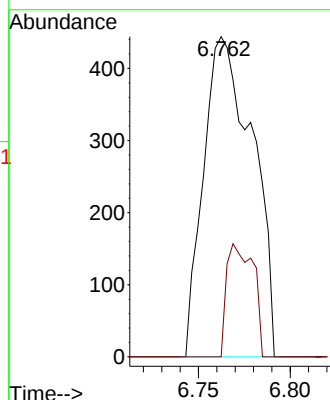
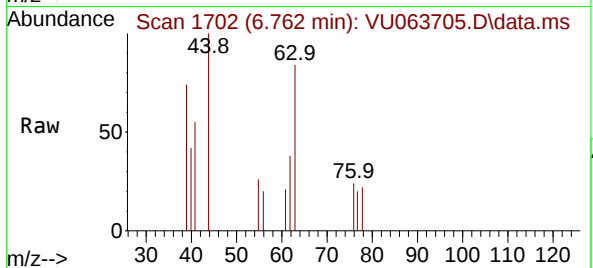
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 63 Resp: 821

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#46

Dibromomethane

Concen: 0.444 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. 0.013 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

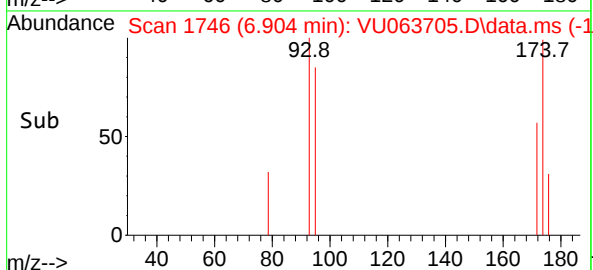
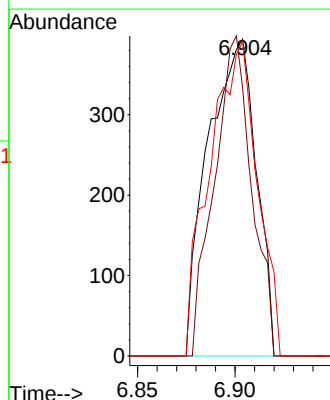
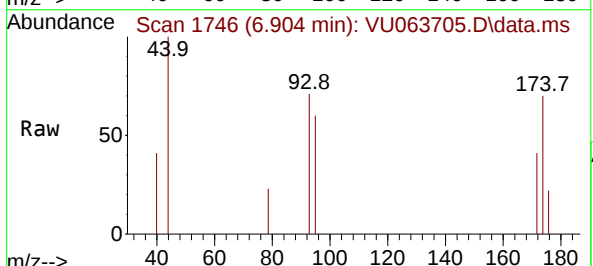
Tgt Ion: 93 Resp: 676

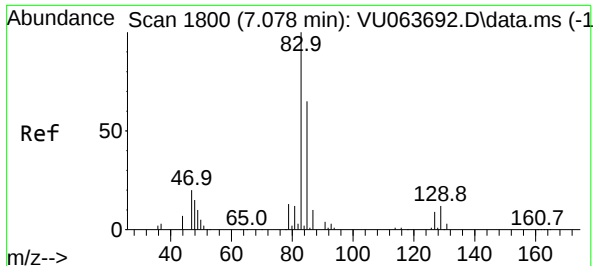
Ion Ratio Lower Upper

93 100

95 78.7 65.9 98.9

174 98.5 74.9 112.3

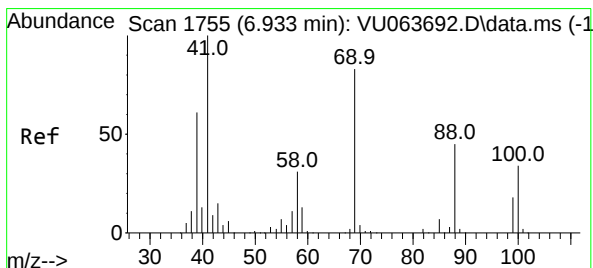
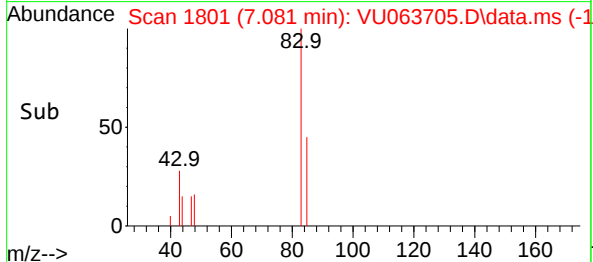
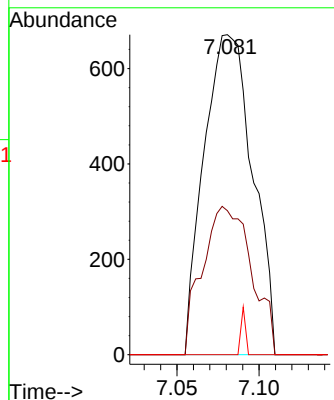
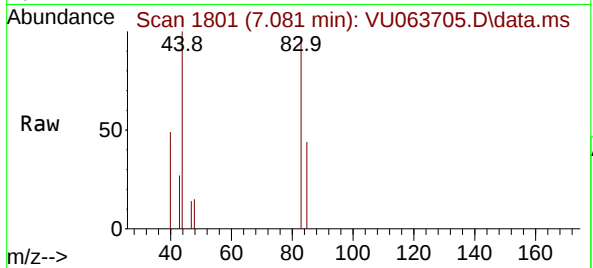




#47
Bromodichloromethane
Concen: 0.449 ug/l
RT: 7.081 min Scan# 1800
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

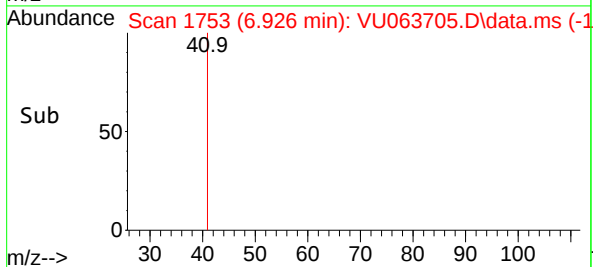
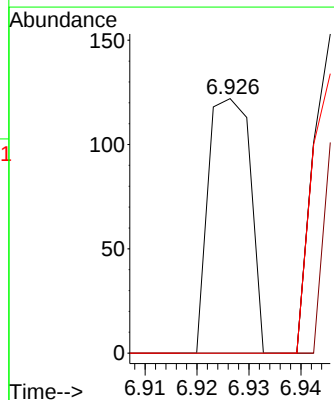
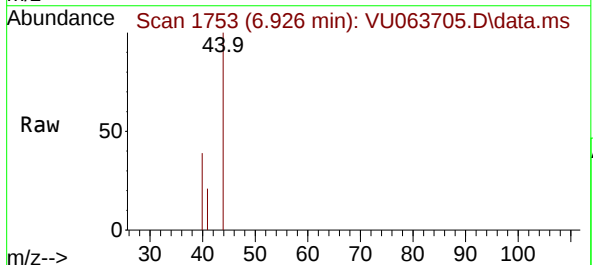
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

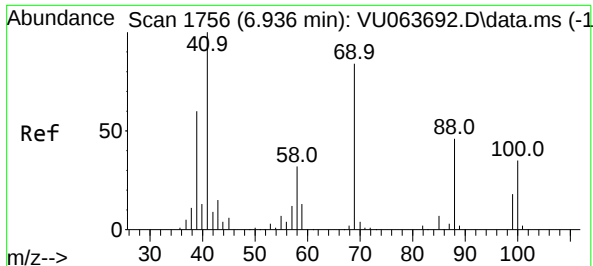
Tgt Ion: 83 Resp: 1384
Ion Ratio Lower Upper
83 100
85 45.0 51.9 77.9#
127 0.0 6.9 10.3#



#48
Methyl methacrylate
Concen: 0.029 ug/l
RT: 6.926 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 41 Resp: 68
Ion Ratio Lower Upper
41 100
69 0.0 72.9 109.3#
39 0.0 51.0 76.4#





#49

1,4-Dioxane

Concen: 4.830 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.029 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

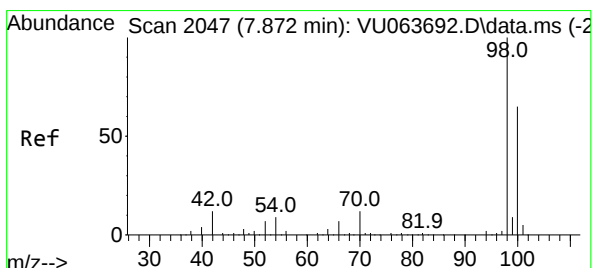
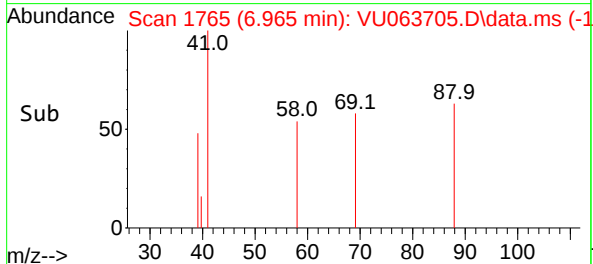
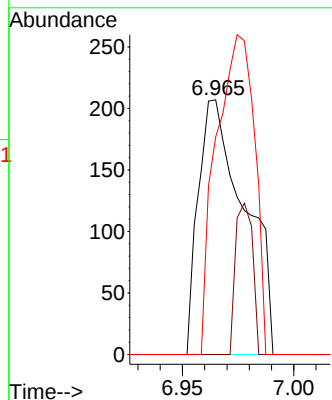
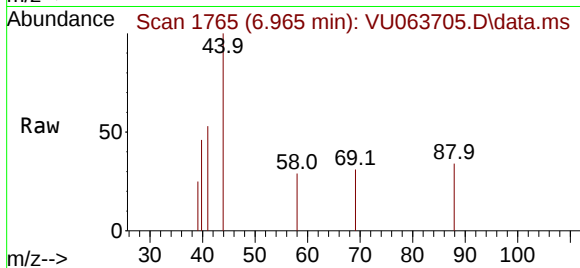
Tgt Ion: 88 Resp: 301

Ion Ratio Lower Upper

88 100

43 21.6 24.1 36.1#

58 102.7 54.2 81.4#



#50

Toluene-d8

Concen: 45.721 ug/l

RT: 7.872 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VU063705.D

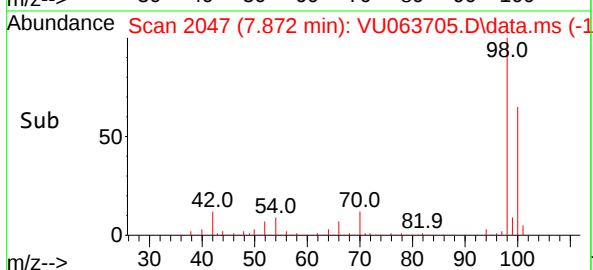
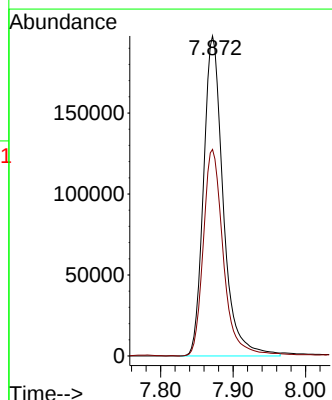
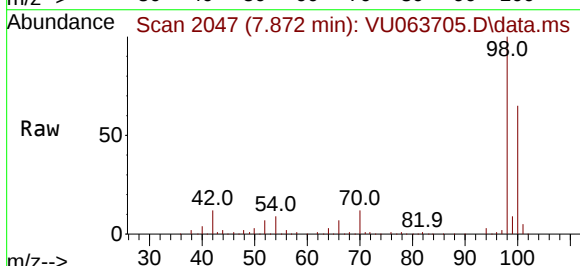
Acq: 11 Nov 2025 14:55

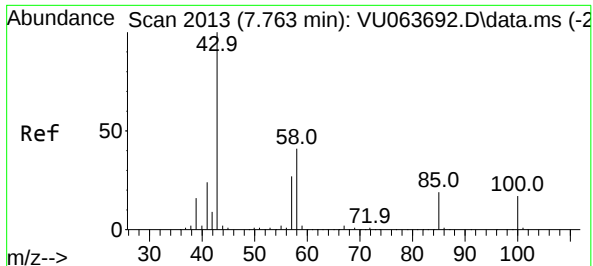
Tgt Ion: 98 Resp: 372644

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 2.021 ug/l

RT: 7.775 min Scan# 2017

Delta R.T. 0.012 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

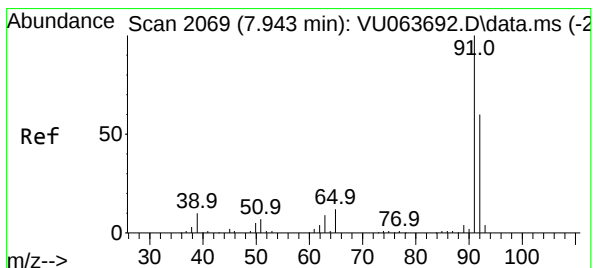
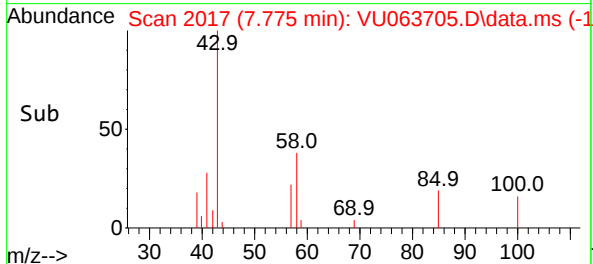
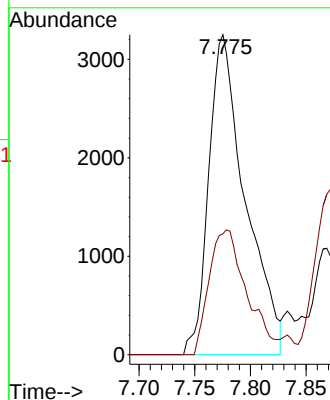
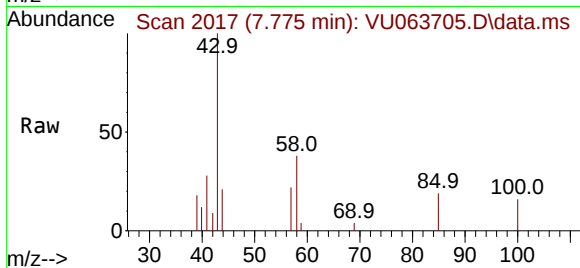
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 7413

Ion Ratio Lower Upper

43 100

58 40.2 32.3 48.5



#52

Toluene

Concen: 0.505 ug/l

RT: 7.949 min Scan# 2071

Delta R.T. 0.006 min

Lab File: VU063705.D

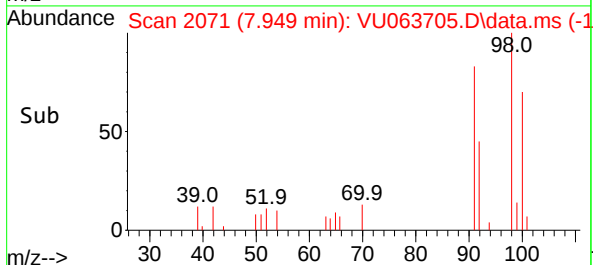
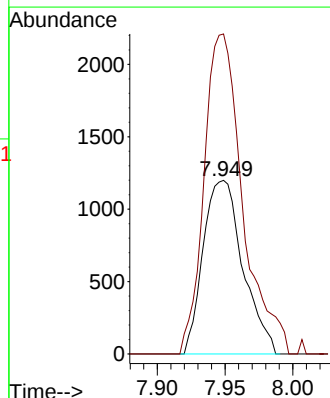
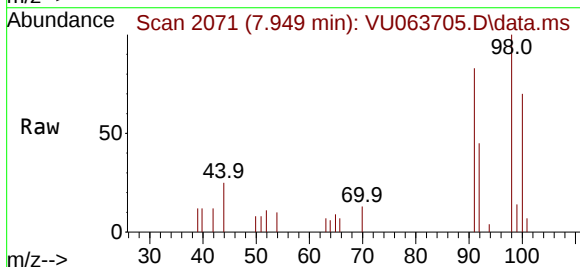
Acq: 11 Nov 2025 14:55

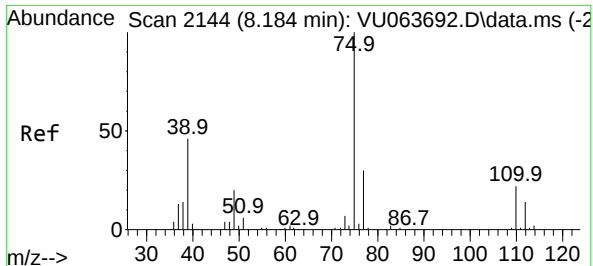
Tgt Ion: 92 Resp: 2443

Ion Ratio Lower Upper

92 100

91 179.3 136.6 204.8

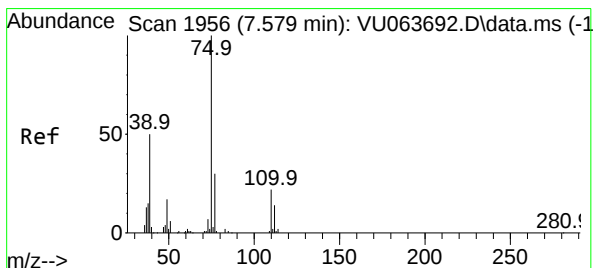
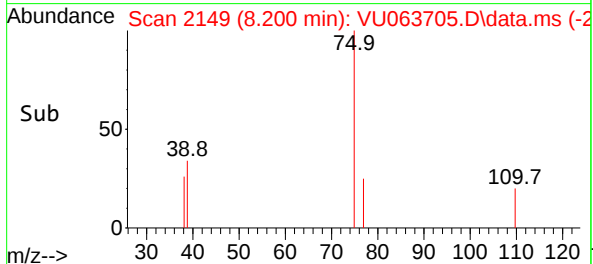
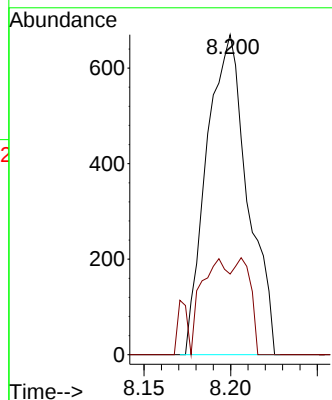
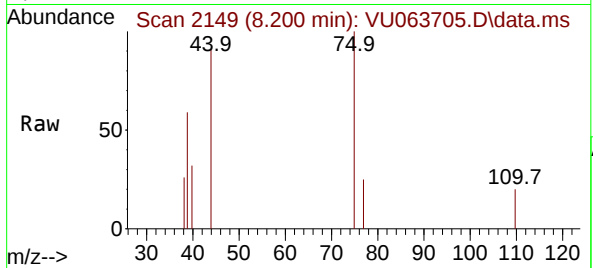




#53
 t-1,3-Dichloropropene
 Concen: 0.424 ug/l
 RT: 8.200 min Scan# 2144
 Delta R.T. 0.016 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55

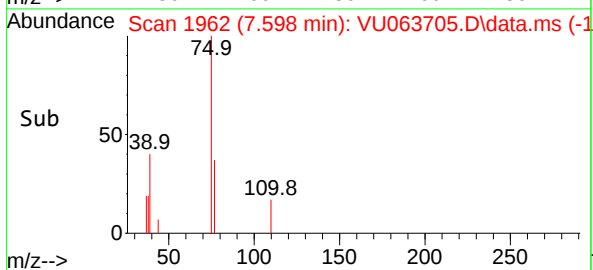
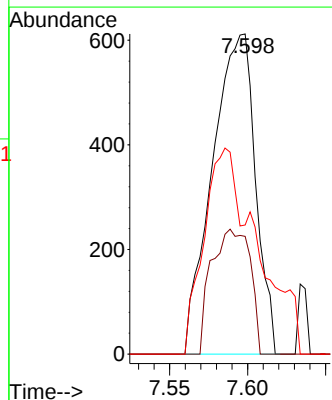
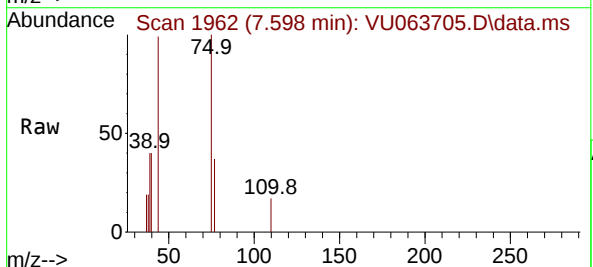
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

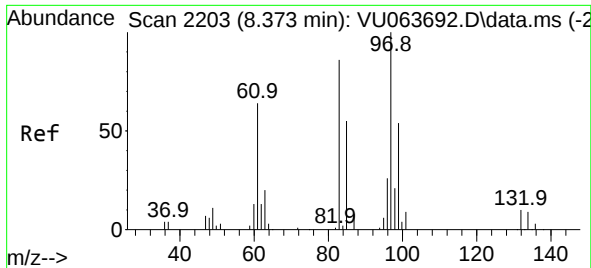
Tgt Ion: 75 Resp: 1102
 Ion Ratio Lower Upper
 75 100
 77 25.2 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 0.405 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.019 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55

Tgt Ion: 75 Resp: 1179
 Ion Ratio Lower Upper
 75 100
 77 36.8 24.3 36.5#
 39 20.4 40.2 60.2#

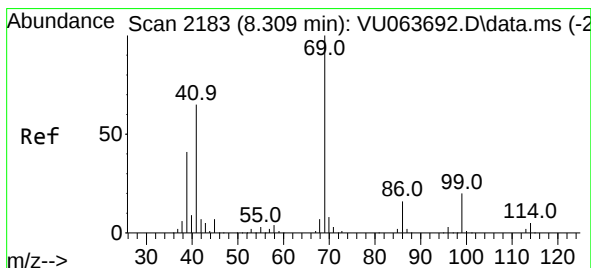
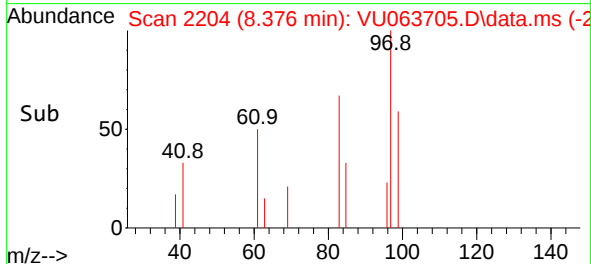
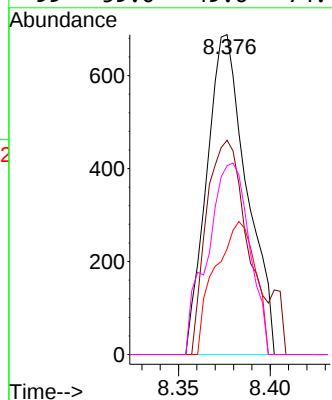
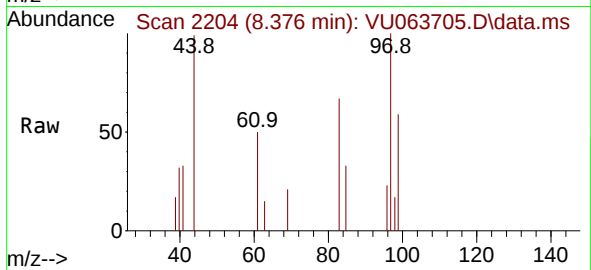




#55
1,1,2-Trichloroethane
Concen: 0.470 ug/l
RT: 8.376 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

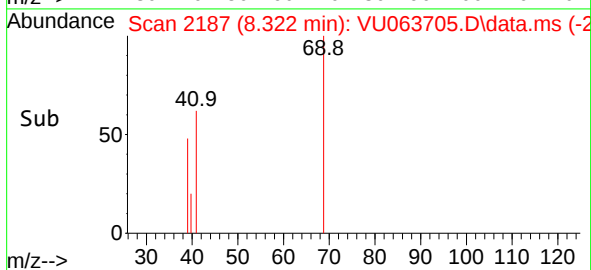
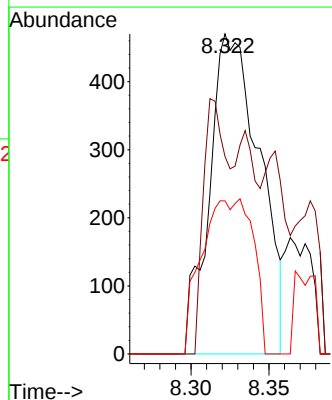
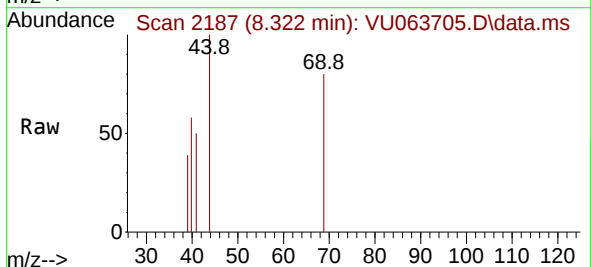
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

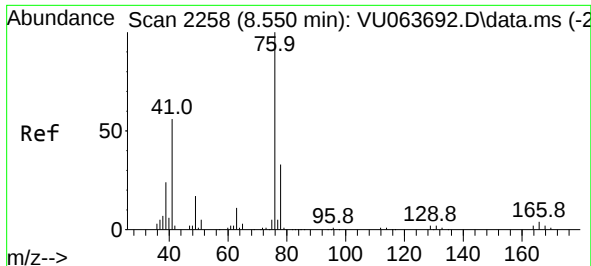
Tgt Ion: 97	Resp: 1044
Ion Ratio	Lower Upper
97 100	
83 67.0	69.0 103.4#
85 33.0	44.2 66.4#
99 59.0	49.6 74.4



#56
Ethyl methacrylate
Concen: 0.323 ug/l
RT: 8.322 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 69	Resp: 1056
Ion Ratio	Lower Upper
69 100	
41 37.8	51.4 77.2#
39 29.0	32.2 48.4#

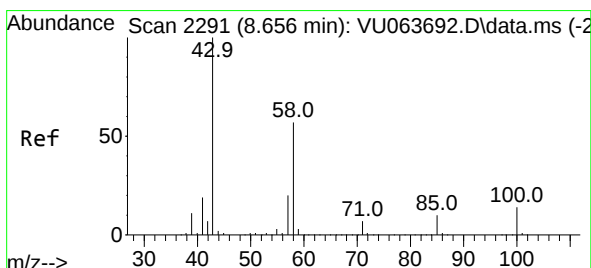
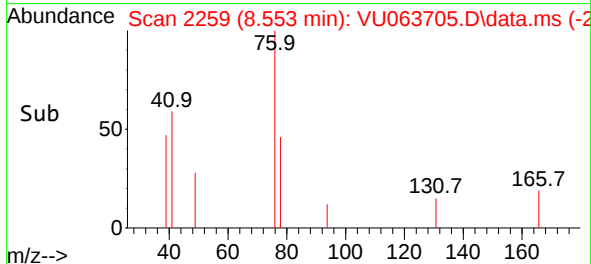
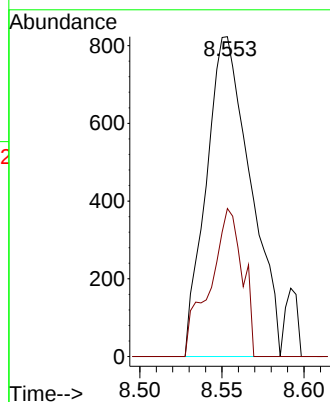
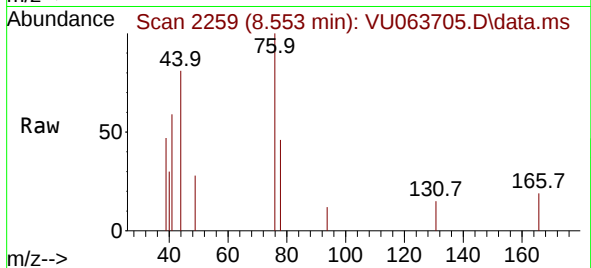




#57
1,3-Dichloropropane
Concen: 0.426 ug/l
RT: 8.553 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

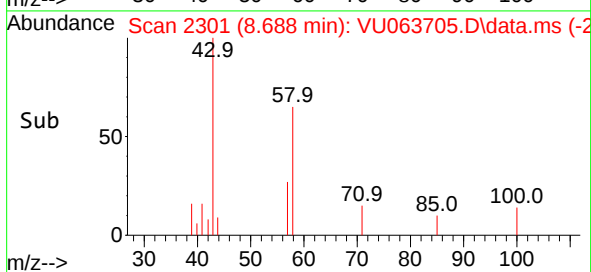
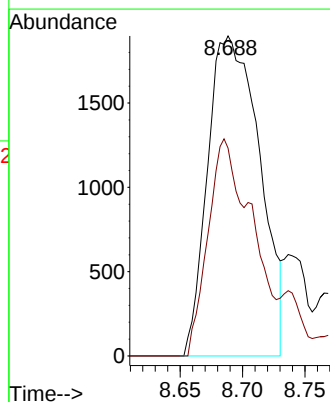
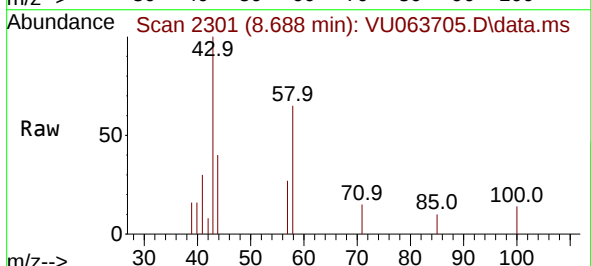
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

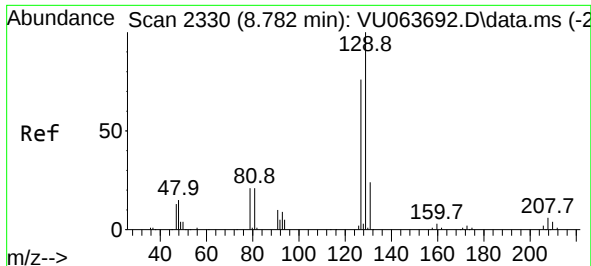
Tgt Ion: 76 Resp: 1541
Ion Ratio Lower Upper
76 100
78 34.1 26.2 39.4



#59
2-Hexanone
Concen: 2.014 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. 0.032 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 43 Resp: 5500
Ion Ratio Lower Upper
43 100
58 57.9 28.4 85.3

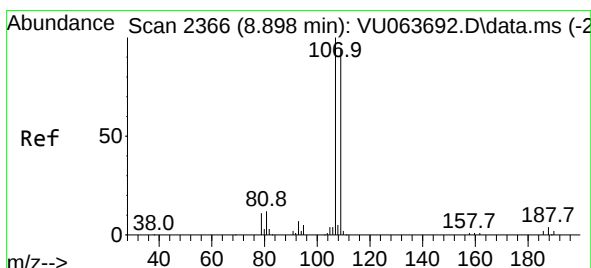
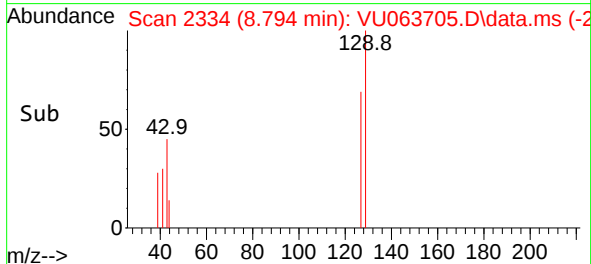
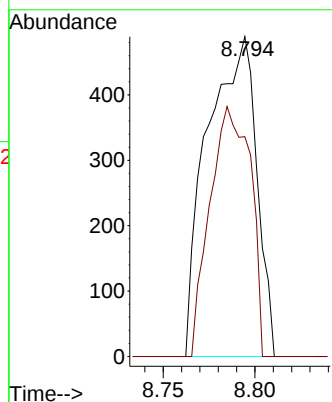
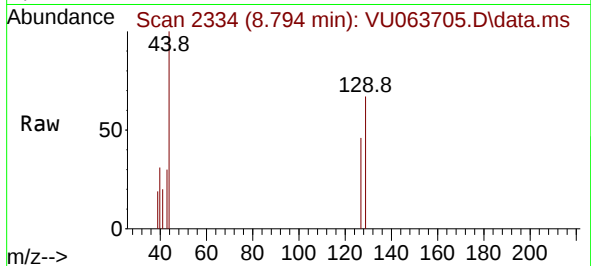




#60
Dibromochloromethane
Concen: 0.391 ug/l
RT: 8.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

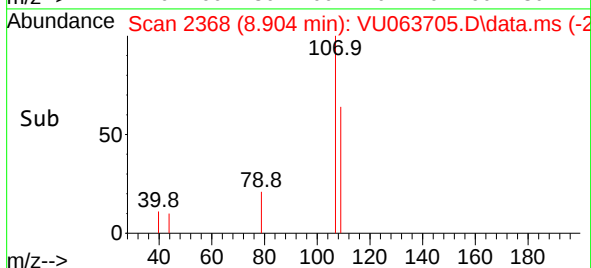
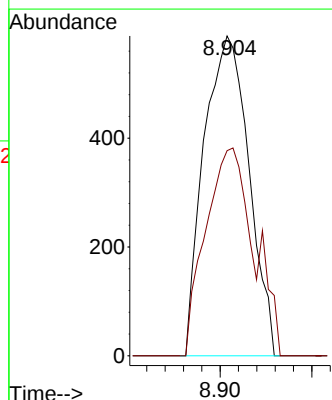
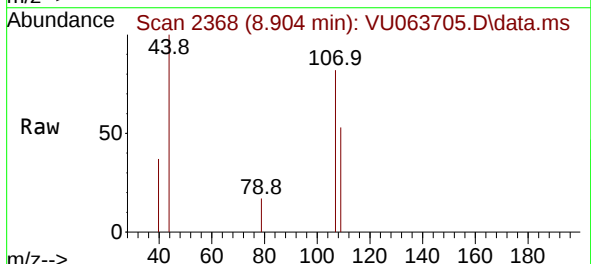
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

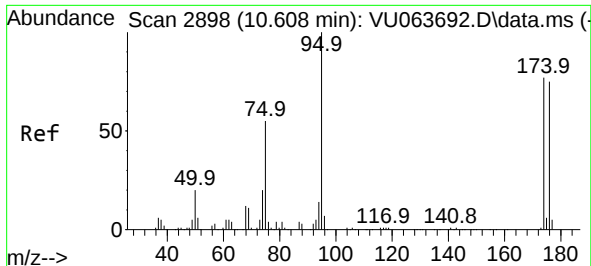
Tgt Ion:129 Resp: 908
Ion Ratio Lower Upper
129 100
127 64.8 38.2 114.6



#61
1,2-Dibromoethane
Concen: 0.468 ug/l
RT: 8.904 min Scan# 2368
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion:107 Resp: 1000
Ion Ratio Lower Upper
107 100
109 69.8 73.8 110.8#

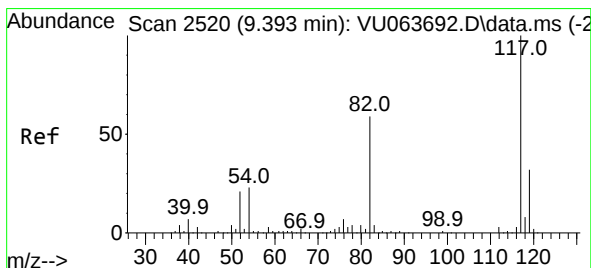
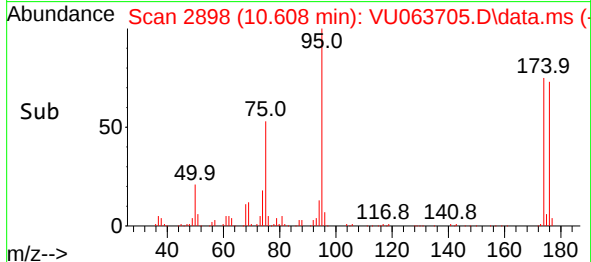
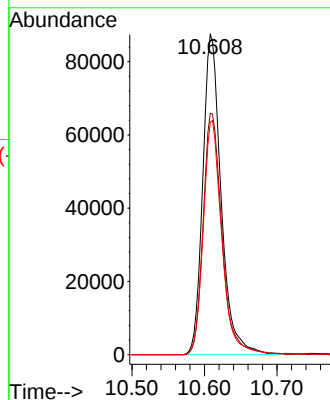
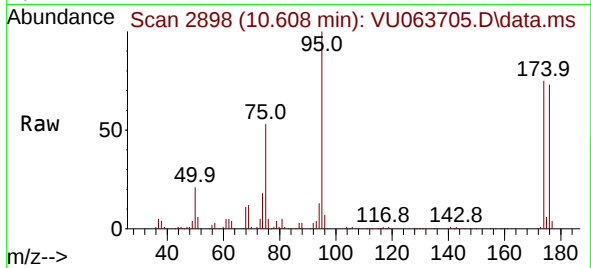




#62
4-Bromofluorobenzene
Concen: 45.691 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

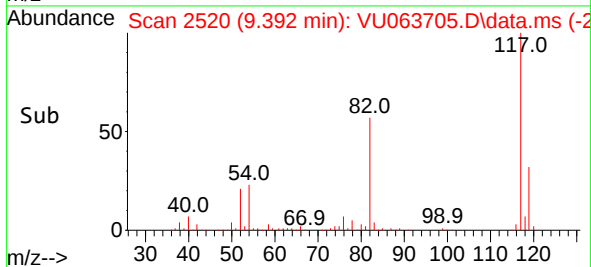
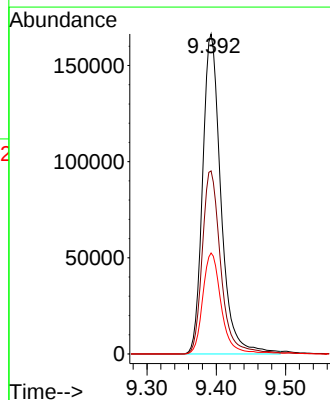
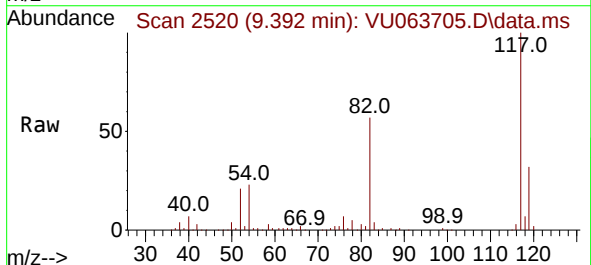
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

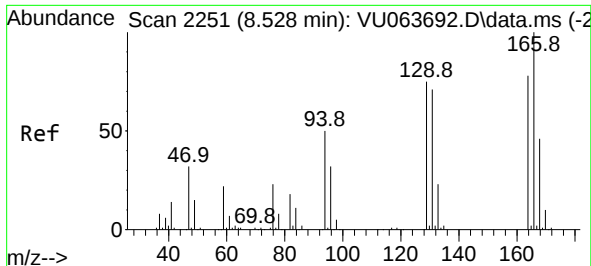
Tgt Ion: 95 Resp: 154048
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.6
176 73.7 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.392 min Scan# 2520
Delta R.T. -0.001 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 117 Resp: 305691
Ion Ratio Lower Upper
117 100
82 57.2 46.9 70.3
119 31.6 25.8 38.8

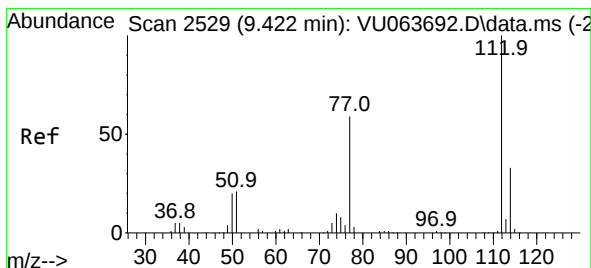
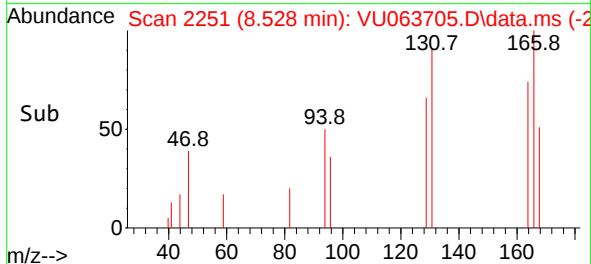
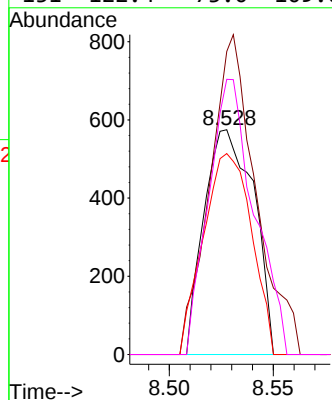
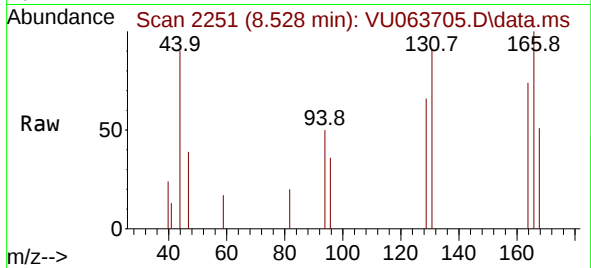




#64
Tetrachloroethene
Concen: 0.483 ug/l
RT: 8.528 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

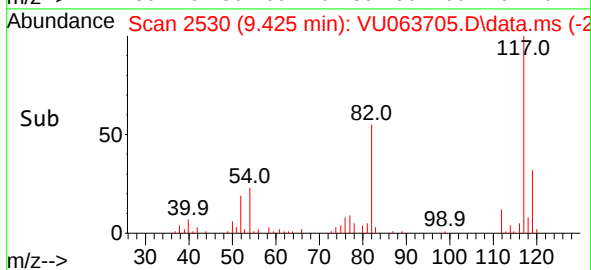
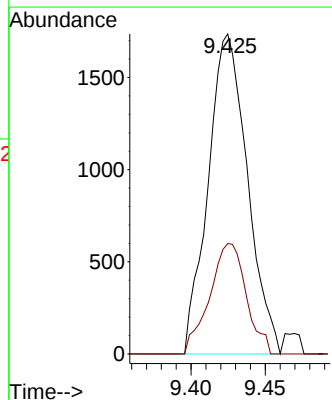
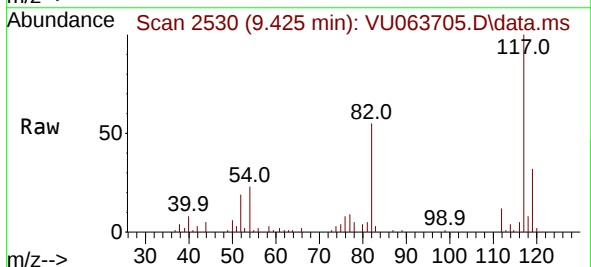
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

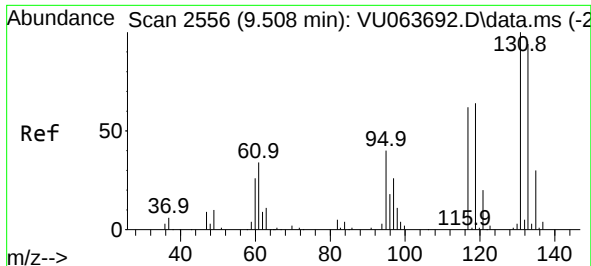
Tgt Ion:164	Resp:	952
Ion	Ratio	Lower Upper
164	100	
166	134.8	102.5 153.7
129	89.4	77.1 115.7
131	122.4	73.0 109.6



#65
Chlorobenzene
Concen: 0.534 ug/l
RT: 9.425 min Scan# 2530
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion:112	Resp:	3191
Ion	Ratio	Lower Upper
112	100	
114	34.5	26.2 39.2

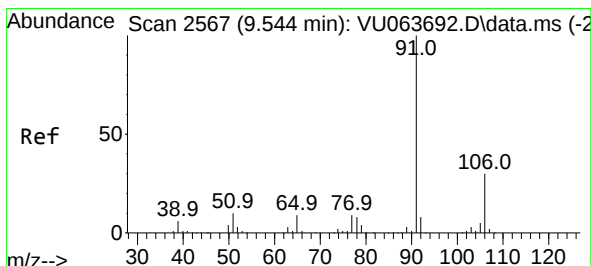
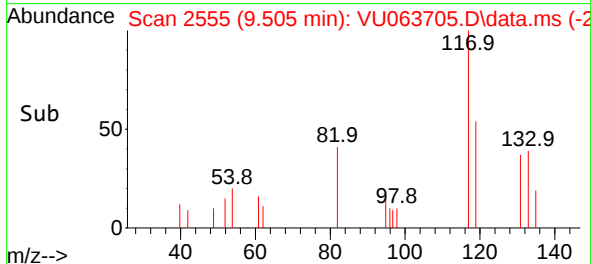
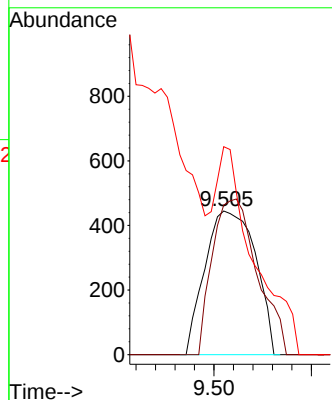
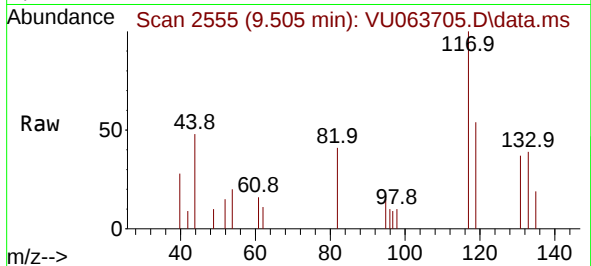




#66
1,1,1,2-Tetrachloroethane
Concen: 0.394 ug/l
RT: 9.505 min Scan# 2555
Delta R.T. -0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

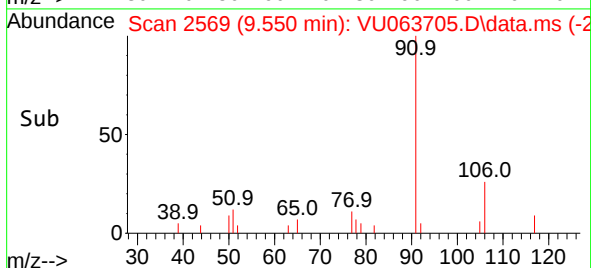
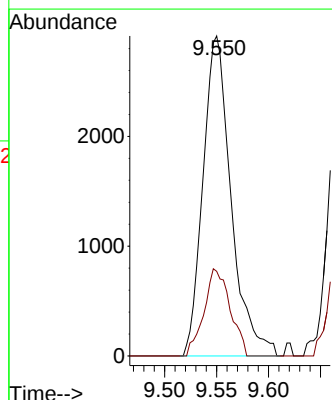
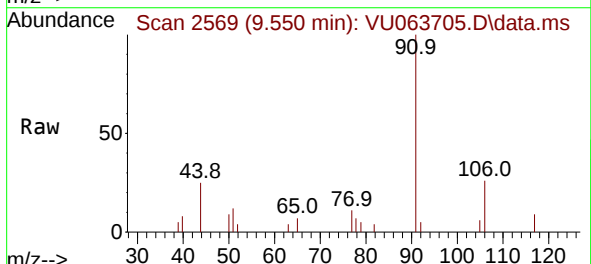
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

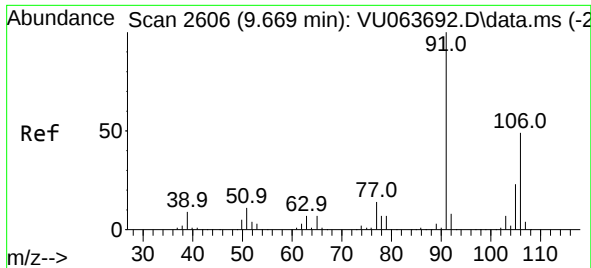
Tgt Ion:131 Resp: 801
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.5
119 0.0 33.3 99.8#



#67
Ethyl Benzene
Concen: 0.552 ug/l
RT: 9.550 min Scan# 2569
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 91 Resp: 5491
Ion Ratio Lower Upper
91 100
106 26.5 23.8 35.8

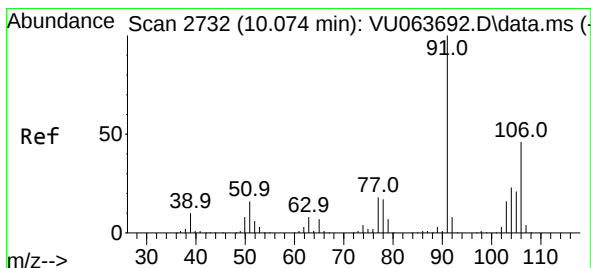
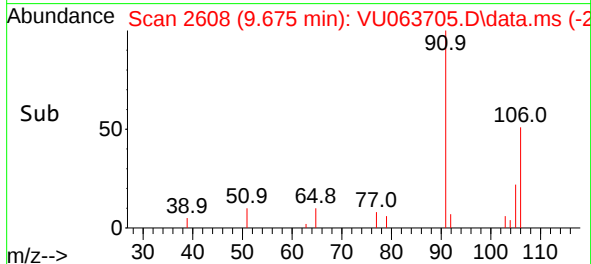
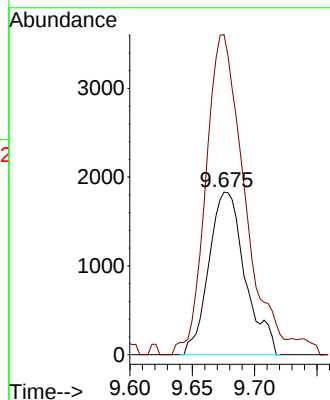
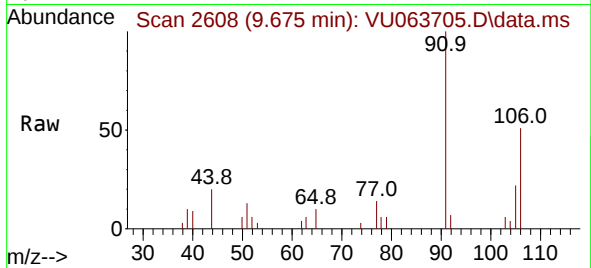




#68
m/p-Xylenes
Concen: 1.008 ug/l
RT: 9.675 min Scan# 2608
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

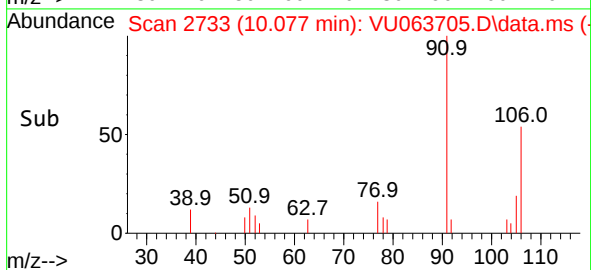
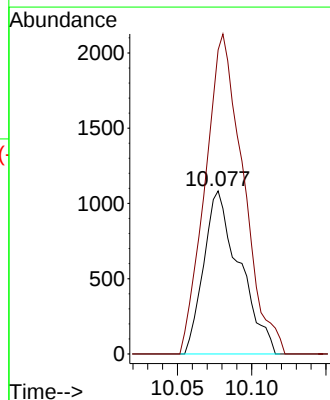
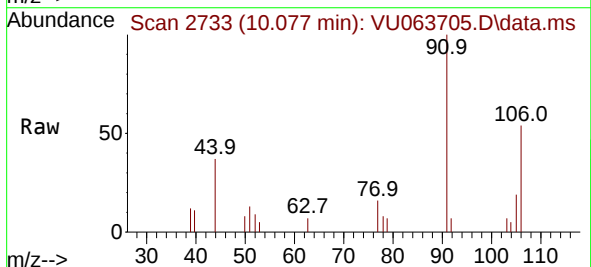
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

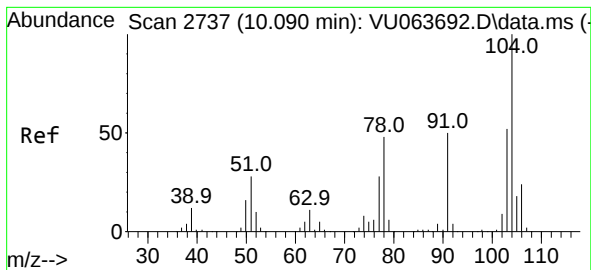
Tgt Ion:106 Resp: 3703
Ion Ratio Lower Upper
106 100
91 209.2 165.7 248.5



#69
o-Xylene
Concen: 0.478 ug/l
RT: 10.077 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion:106 Resp: 1812
Ion Ratio Lower Upper
106 100
91 208.7 108.7 325.9





#70

Styrene

Concen: 0.437 ug/l

RT: 10.103 min Scan# 21

Delta R.T. 0.013 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

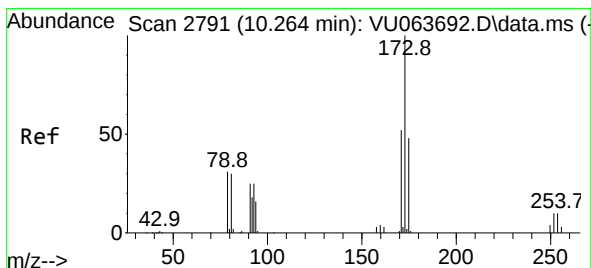
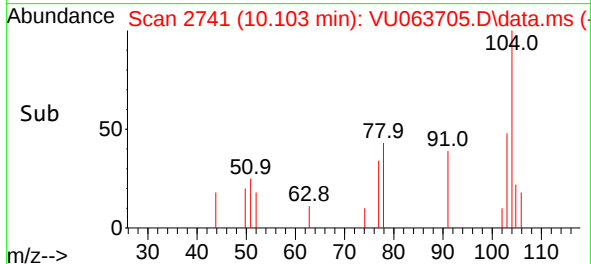
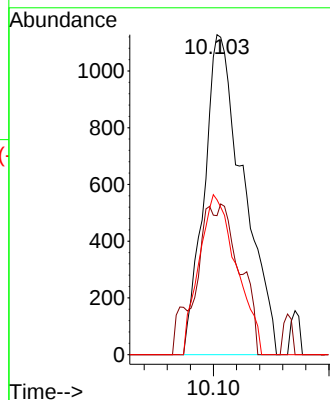
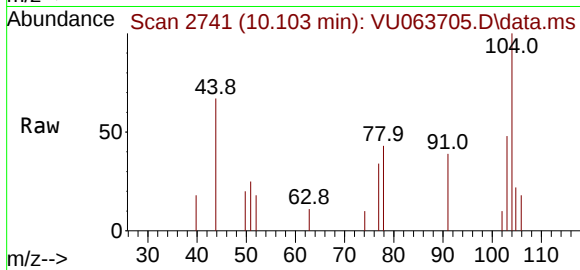
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:104	Resp:	2661
Ion Ratio	Lower	Upper
104	100	
78	26.8	42.7 64.1#
103	47.7	44.0 66.0



#71

Bromoform

Concen: 0.392 ug/l

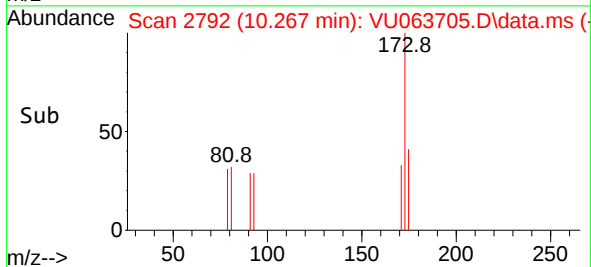
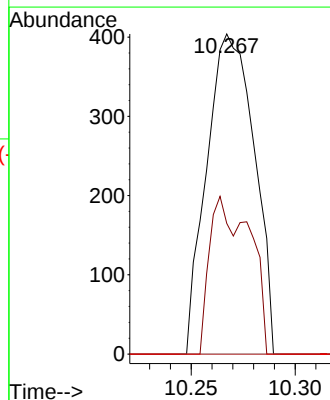
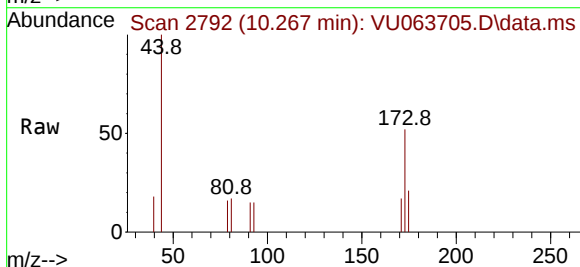
RT: 10.267 min Scan# 2792

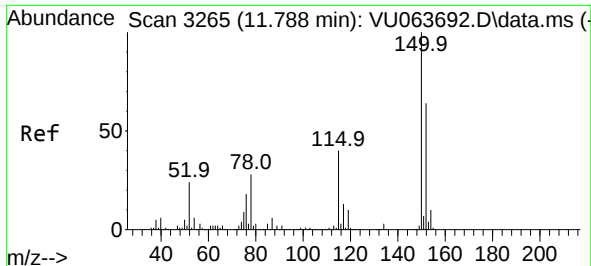
Delta R.T. 0.003 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Tgt Ion:173	Resp:	642
Ion Ratio	Lower	Upper
173	100	
175	23.7	24.1 72.2#
254	0.0	0.0 0.0

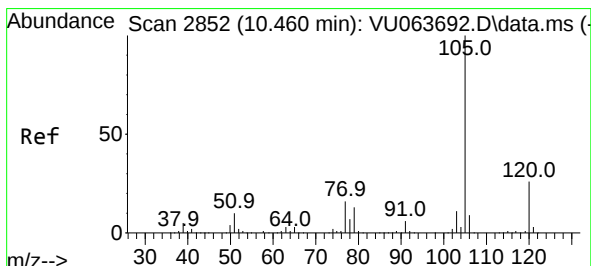
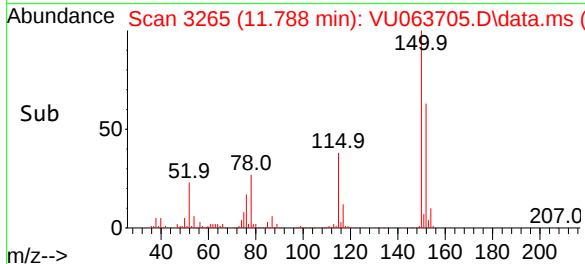
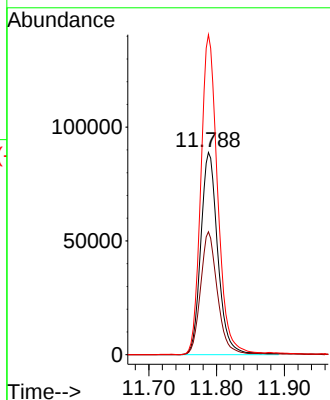
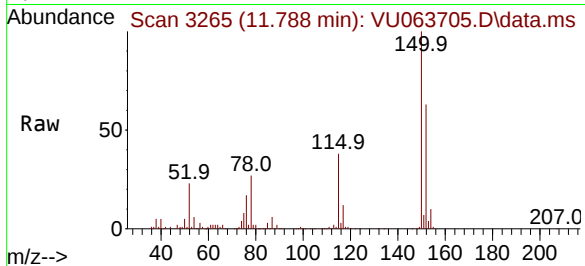




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.788 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

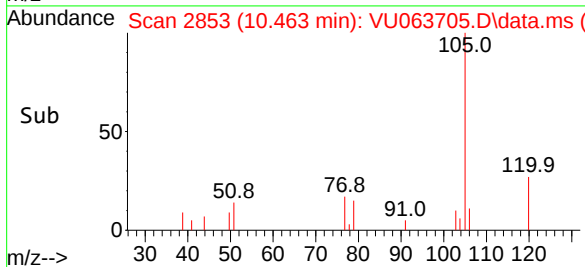
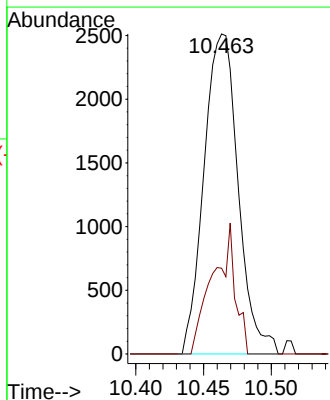
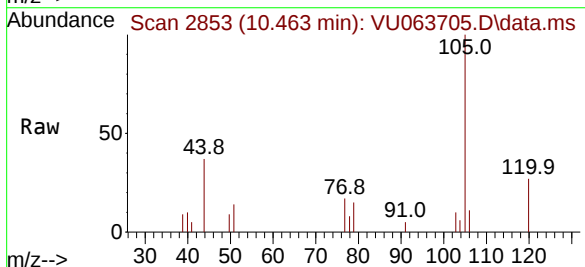
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

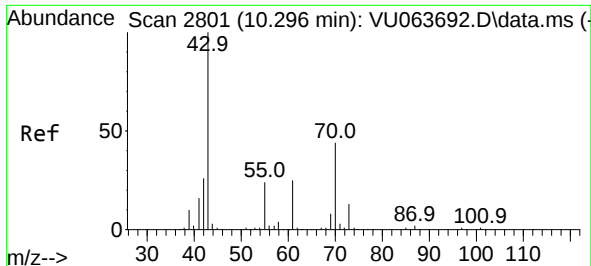
Tgt Ion:152 Resp: 155317
Ion Ratio Lower Upper
152 100
115 60.5 41.0 123.0
150 155.9 0.0 342.2



#73
Isopropylbenzene
Concen: 0.452 ug/l
RT: 10.463 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion:105 Resp: 4413
Ion Ratio Lower Upper
105 100
120 26.9 13.0 38.9

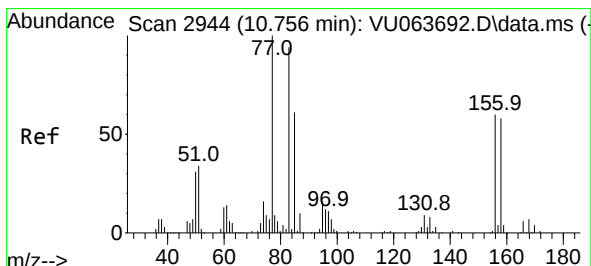
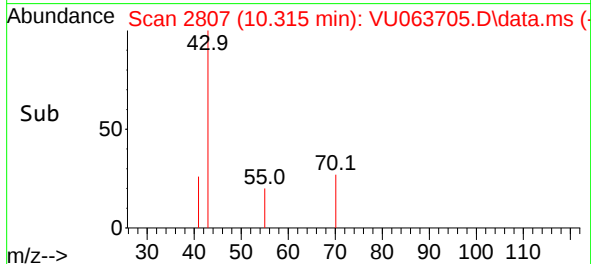
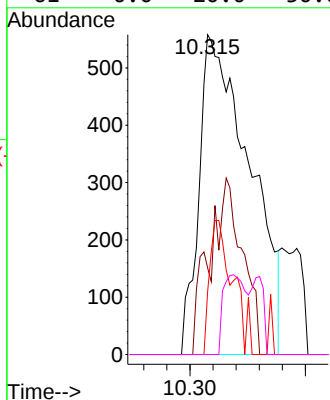
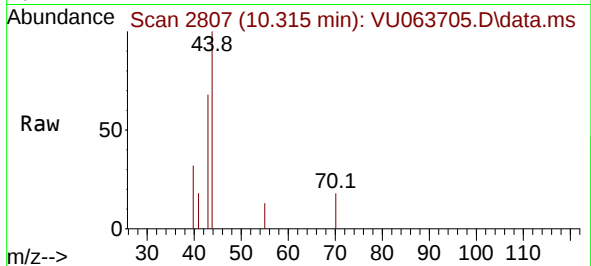




#74
N-amy1 acetate
Concen: 0.498 ug/l
RT: 10.315 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

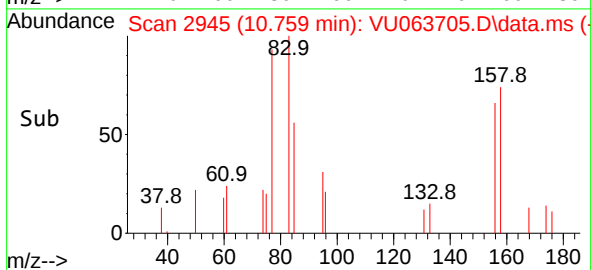
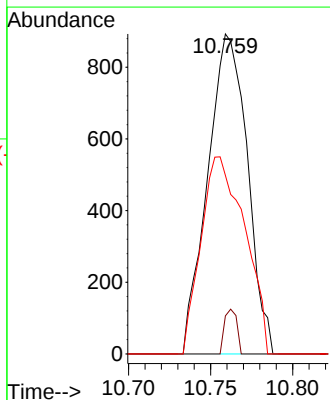
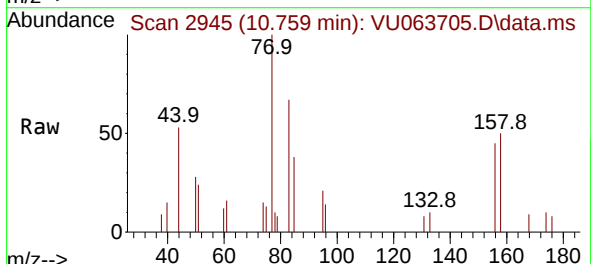
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

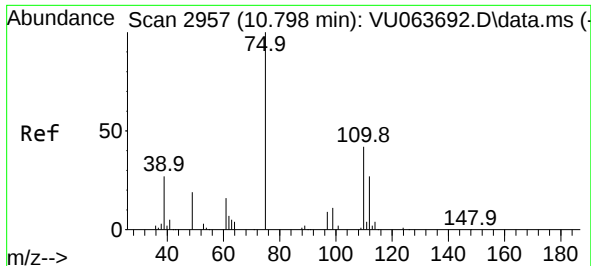
Tgt Ion: 43	Resp:	1693
Ion	Ratio	Lower Upper
43	100	
70	8.4	36.5 54.7#
55	0.0	20.6 30.8#
61	0.0	20.0 30.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.401 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 83	Resp:	1501
Ion	Ratio	Lower Upper
83	100	
131	4.3	4.8 14.4#
85	68.0	31.9 95.7

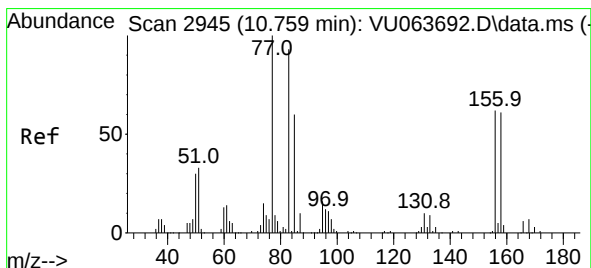
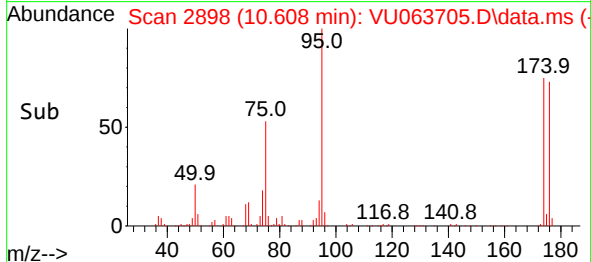
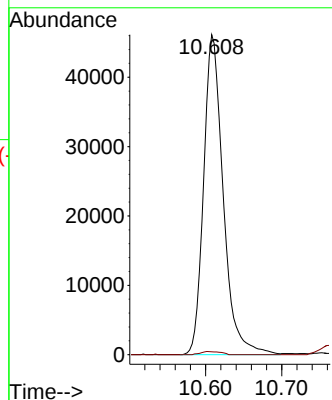
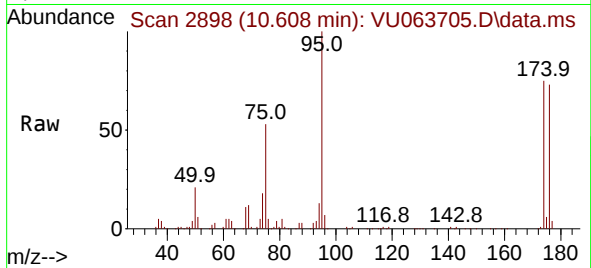




#76
1,2,3-Trichloropropane
Concen: 21.102 ug/l
RT: 10.608 min Scan# 21
Delta R.T. -0.190 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

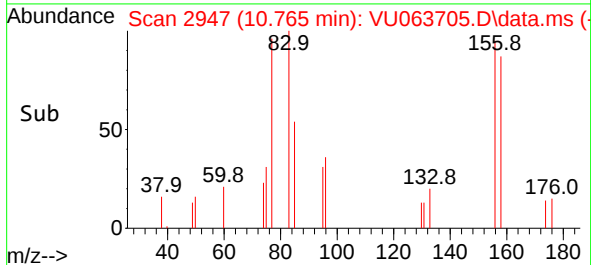
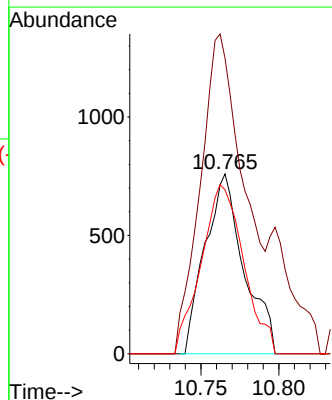
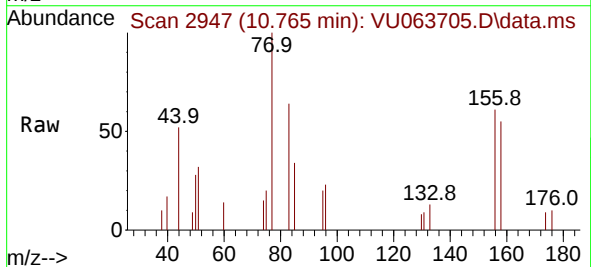
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

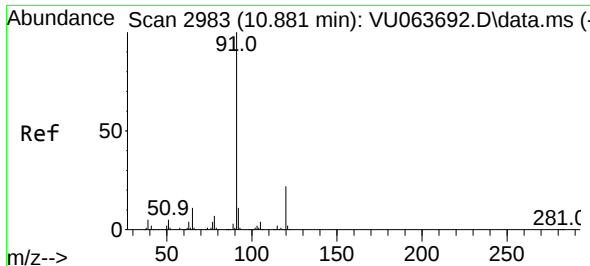
Tgt Ion: 75 Resp: 82594
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#77
Bromobenzene
Concen: 0.538 ug/l
RT: 10.765 min Scan# 2947
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion:156 Resp: 1321
Ion Ratio Lower Upper
156 100
77 198.0 81.4 244.2
158 102.5 48.8 146.3

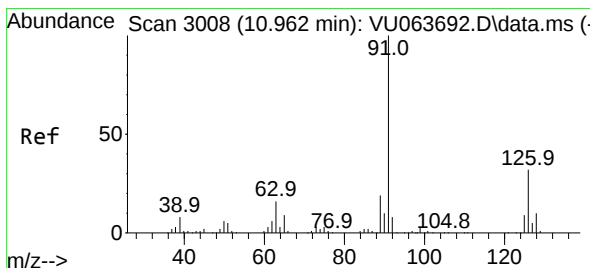
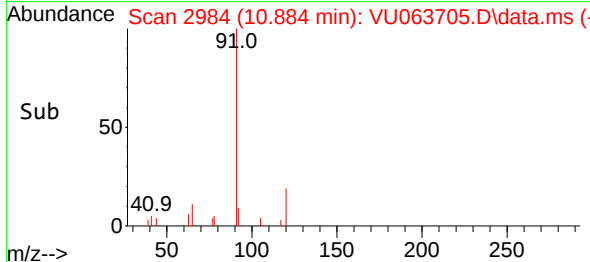
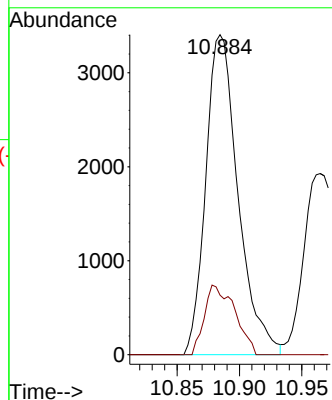
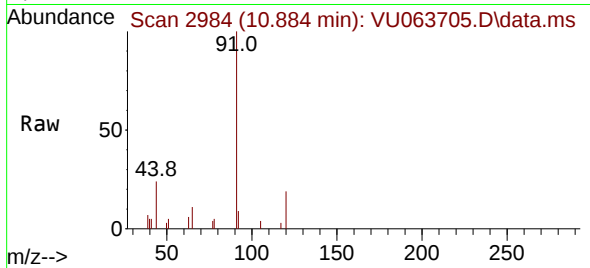




#78
n-propylbenzene
Concen: 0.549 ug/l
RT: 10.884 min Scan# 2983
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

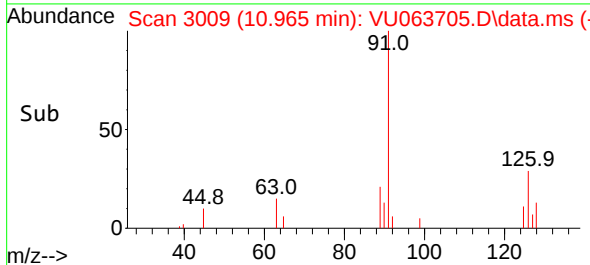
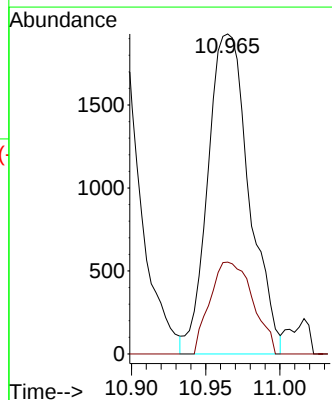
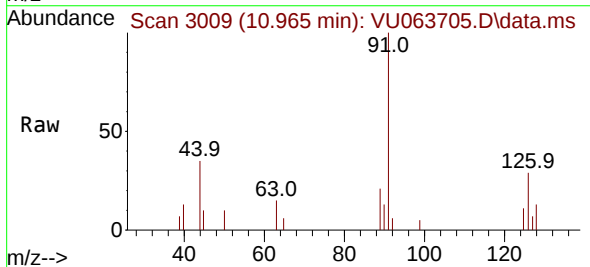
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

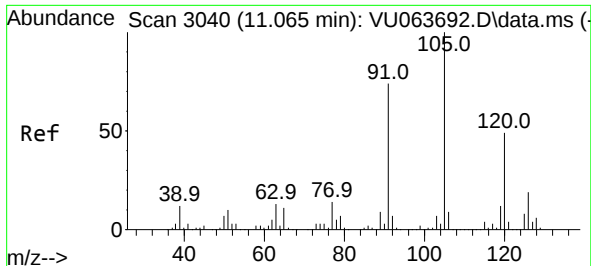
Tgt Ion: 91 Resp: 6148
Ion Ratio Lower Upper
91 100
120 20.5 11.2 33.6



#79
2-Chlorotoluene
Concen: 0.517 ug/l
RT: 10.965 min Scan# 3009
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 91 Resp: 3738
Ion Ratio Lower Upper
91 100
126 29.6 16.4 49.1

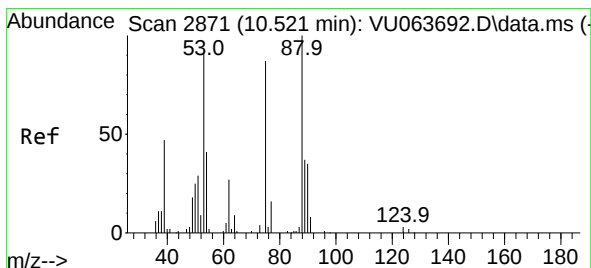
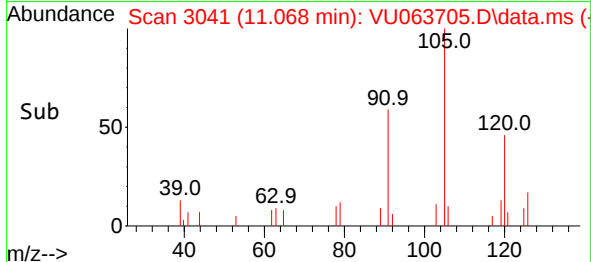
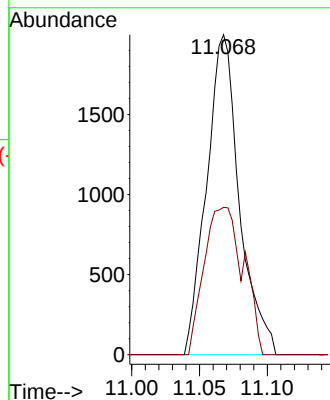
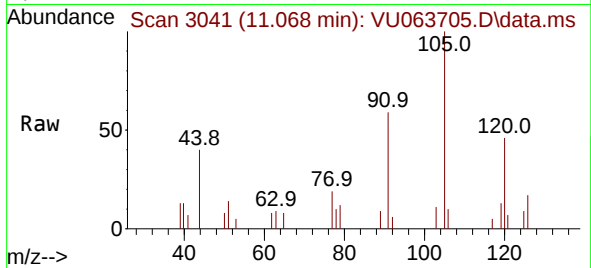




#80
1,3,5-Trimethylbenzene
Concen: 0.411 ug/l
RT: 11.068 min Scan# 3040
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

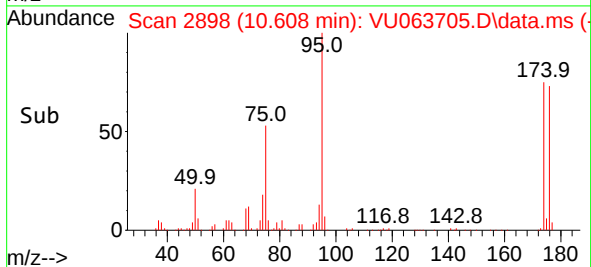
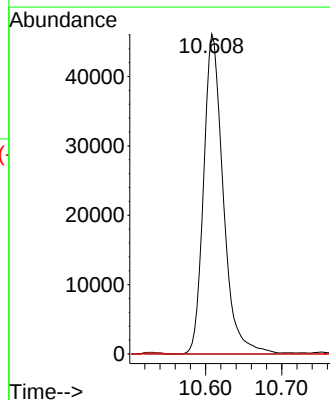
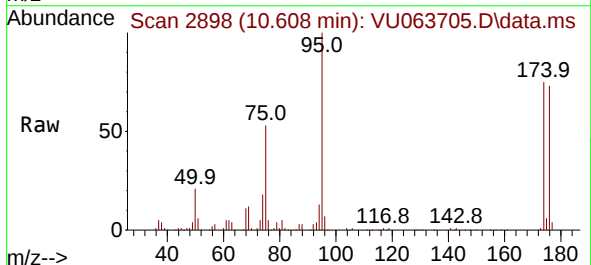
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

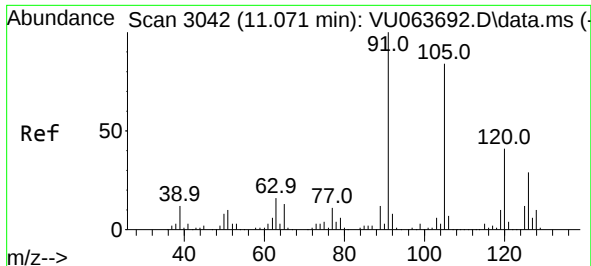
Tgt Ion:105 Resp: 3360
Ion Ratio Lower Upper
105 100
120 55.2 24.1 72.2



#81
trans-1,4-Dichloro-2-butene
Concen: 112.418 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. 0.087 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 75 Resp: 82594
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 35.2 52.8#

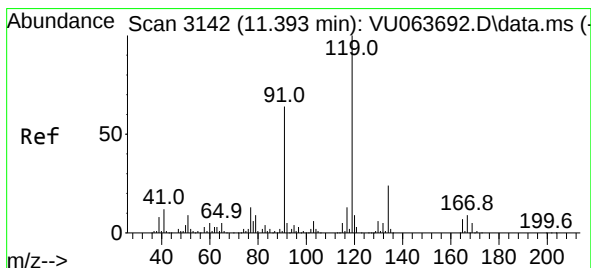
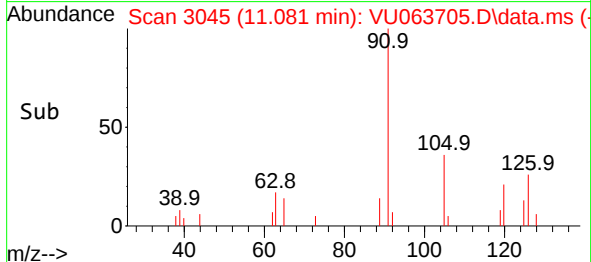
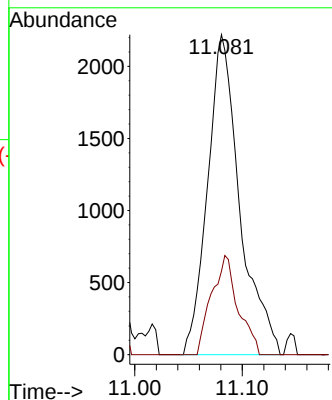
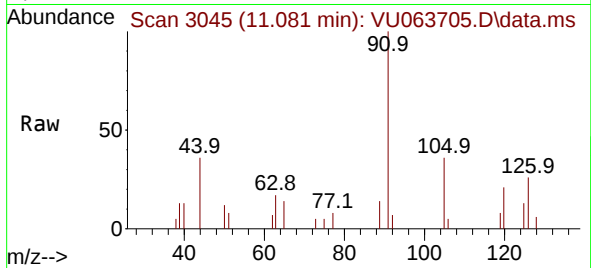




#82
4-Chlorotoluene
Concen: 0.561 ug/l
RT: 11.081 min Scan# 3042
Delta R.T. 0.010 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

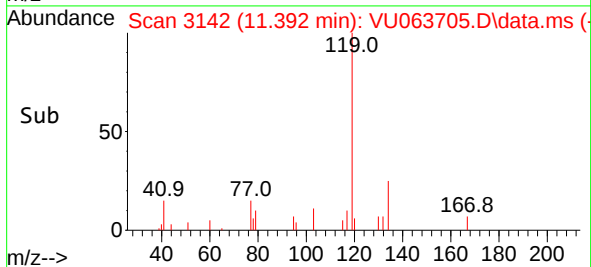
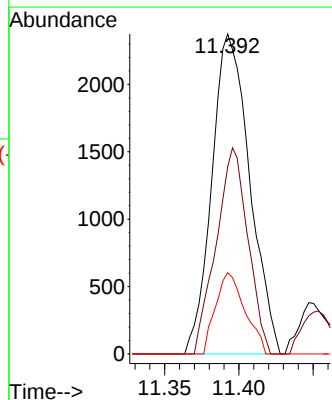
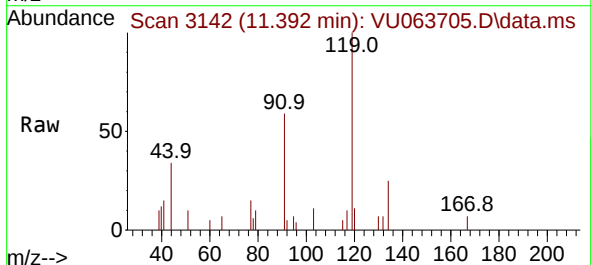
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

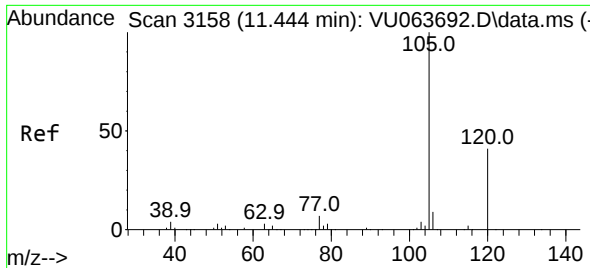
Tgt Ion: 91 Resp: 4615
Ion Ratio Lower Upper
91 100
126 25.5 14.2 42.8



#83
tert-Butylbenzene
Concen: 0.494 ug/l
RT: 11.392 min Scan# 3142
Delta R.T. -0.001 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 119 Resp: 4208
Ion Ratio Lower Upper
119 100
91 54.1 30.8 92.3
134 19.7 11.9 35.5

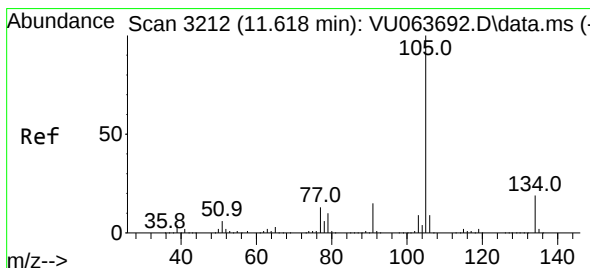
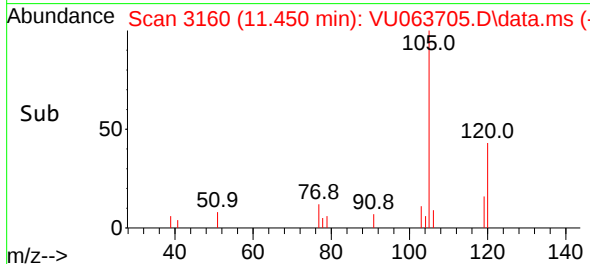
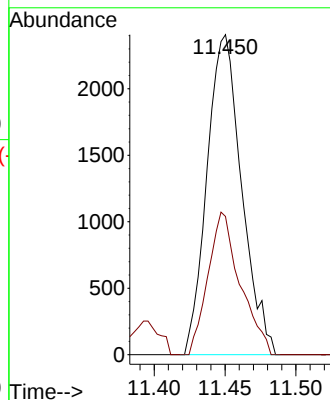
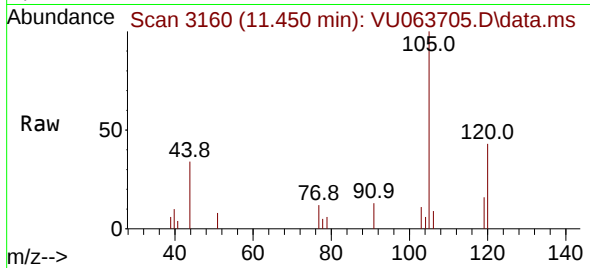




#84
1,2,4-Trimethylbenzene
Concen: 0.510 ug/l
RT: 11.450 min Scan# 3158
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

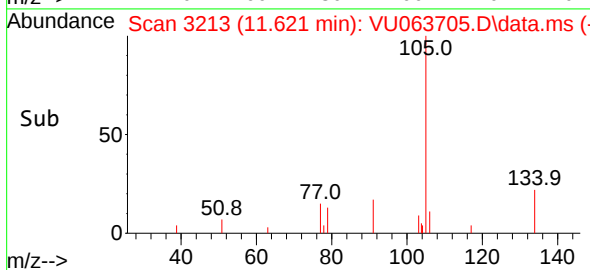
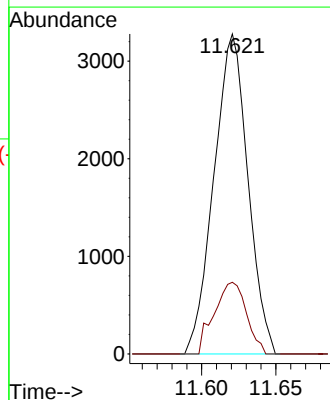
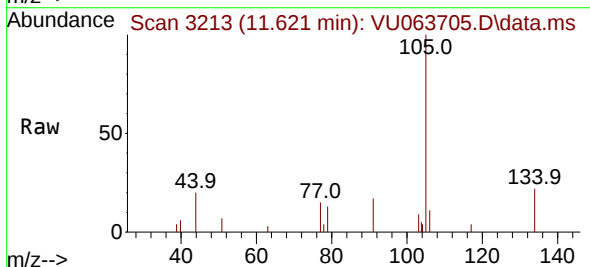
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

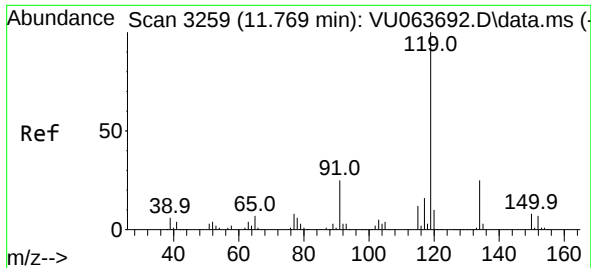
Tgt Ion:105 Resp: 4094
Ion Ratio Lower Upper
105 100
120 41.4 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.484 ug/l
RT: 11.621 min Scan# 3213
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion:105 Resp: 5213
Ion Ratio Lower Upper
105 100
134 21.3 9.8 29.4

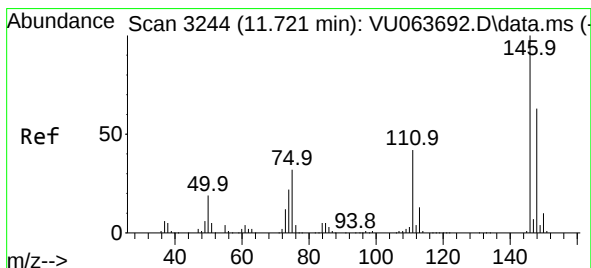
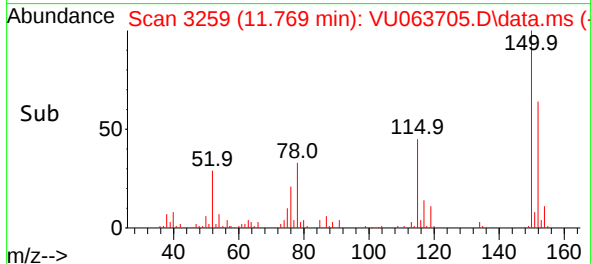
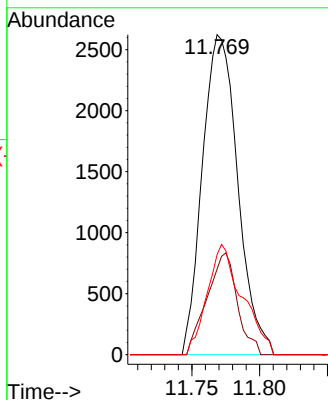
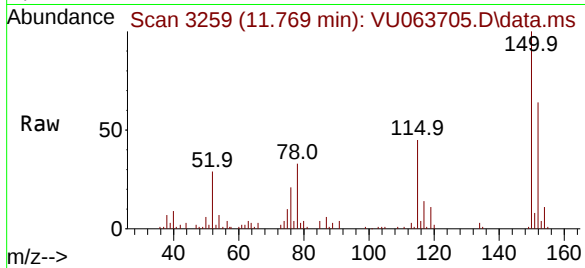




#86
 p-Isopropyltoluene
 Concen: 0.550 ug/l
 RT: 11.769 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55

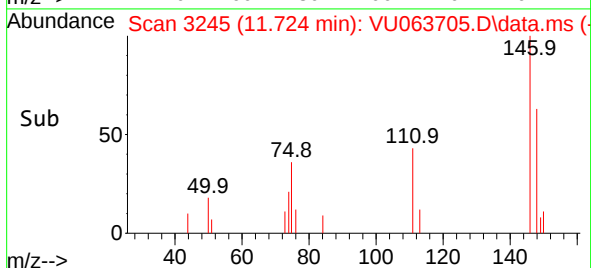
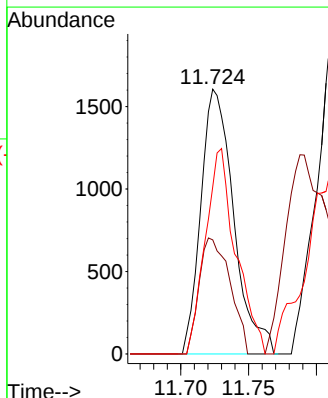
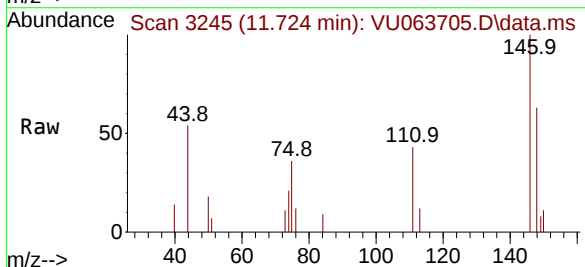
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

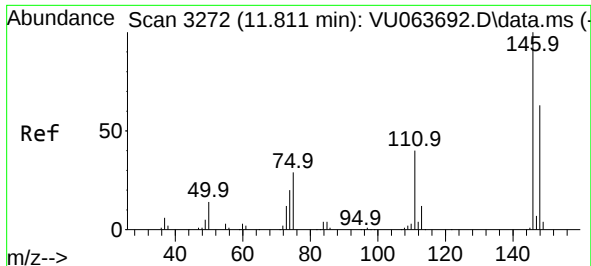
Tgt Ion:	119	Resp:	4756
Ion	Ratio	Lower	Upper
119	100		
134	27.2	12.6	37.6
91	34.2	12.6	37.8



#87
 1,3-Dichlorobenzene
 Concen: 0.587 ug/l
 RT: 11.724 min Scan# 3245
 Delta R.T. 0.003 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55

Tgt Ion:	146	Resp:	2709
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	71.8	31.8	95.4

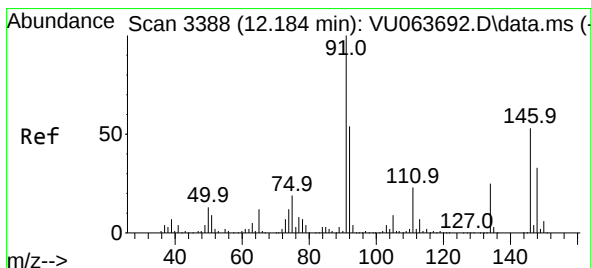
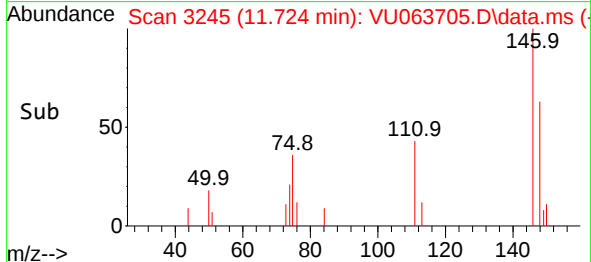
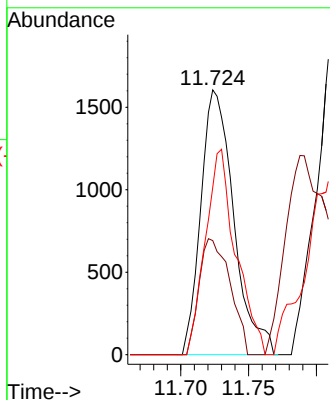
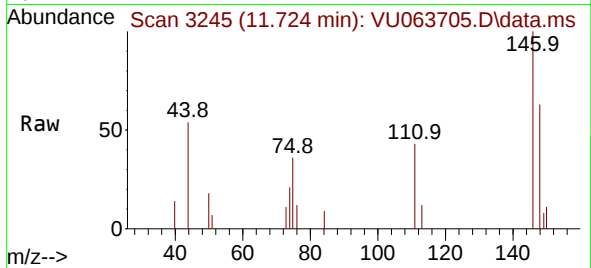




#88
1,4-Dichlorobenzene
Concen: 0.561 ug/l
RT: 11.724 min Scan# 31
Delta R.T. -0.087 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

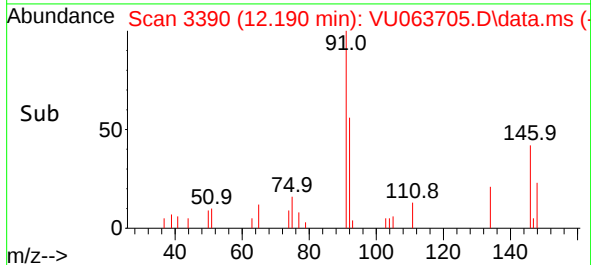
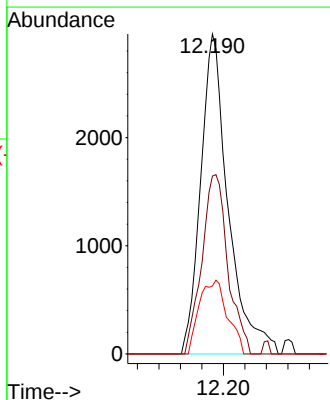
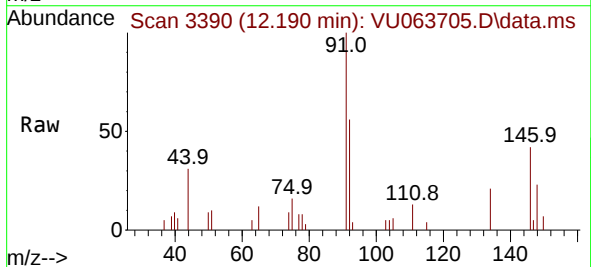
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

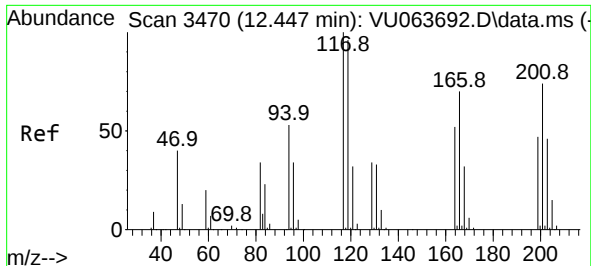
Tgt Ion:146 Resp: 2709
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.3
148 71.8 31.4 94.3



#89
n-Butylbenzene
Concen: 0.662 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 91 Resp: 5255
Ion Ratio Lower Upper
91 100
92 53.0 27.0 81.0
134 23.6 12.4 37.4

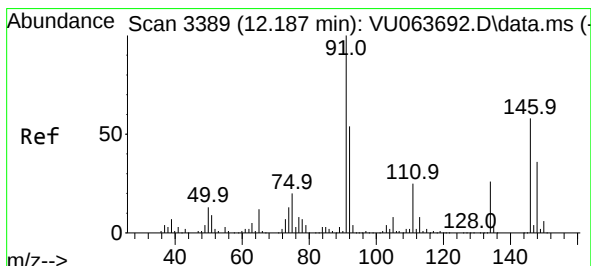
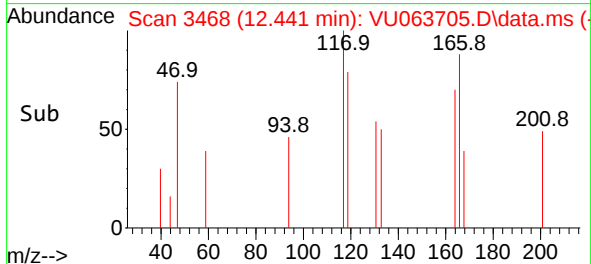
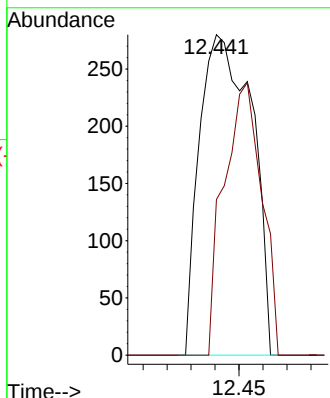
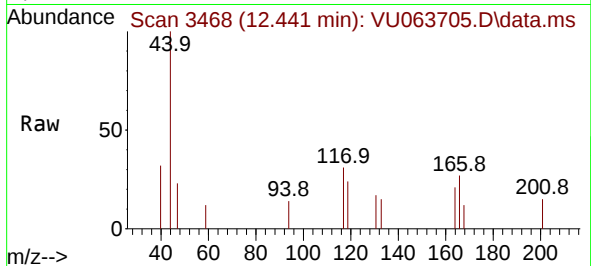




#90
Hexachloroethane
Concen: 0.322 ug/l
RT: 12.441 min Scan# 3470
Delta R.T. -0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

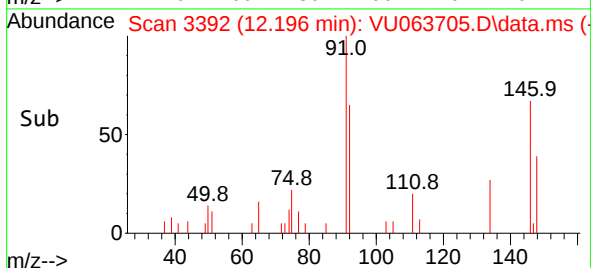
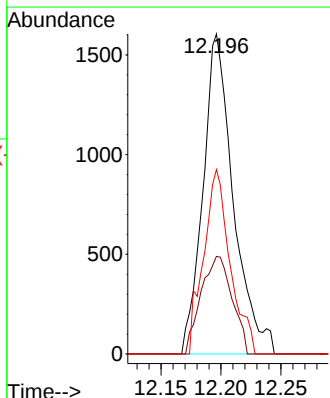
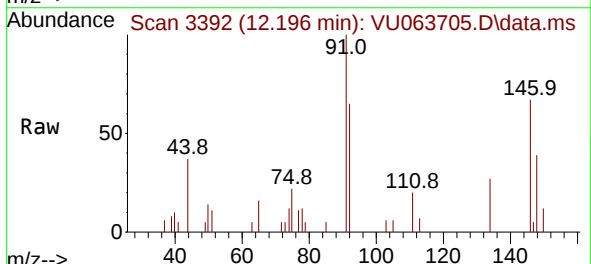
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

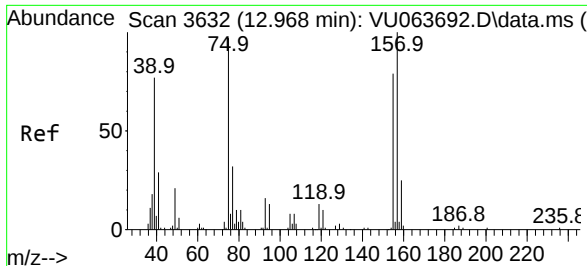
Tgt Ion:117 Resp: 424
Ion Ratio Lower Upper
117 100
201 61.3 36.6 109.8



#91
1,2-Dichlorobenzene
Concen: 0.612 ug/l
RT: 12.196 min Scan# 3392
Delta R.T. 0.009 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion:146 Resp: 2818
Ion Ratio Lower Upper
146 100
111 31.3 21.8 65.3
148 50.5 31.6 94.7

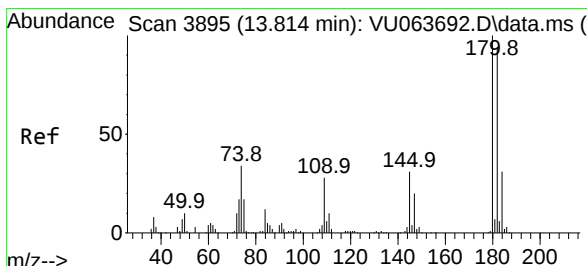
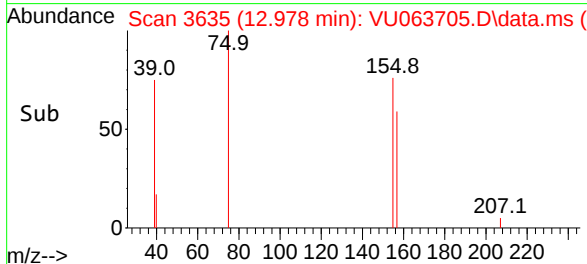
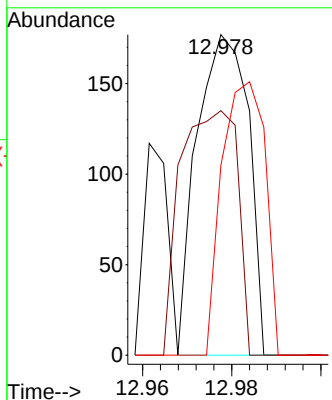
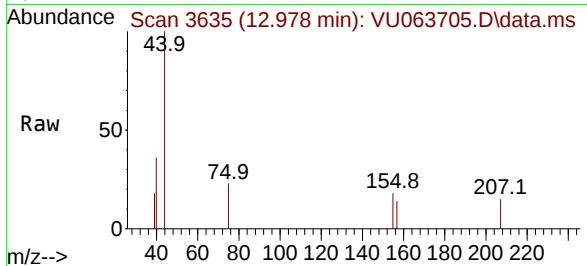




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.185 ug/l
RT: 12.978 min Scan# 3635
Delta R.T. 0.010 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

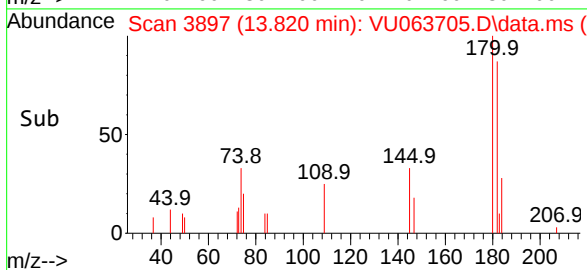
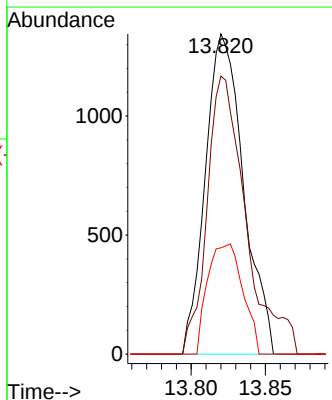
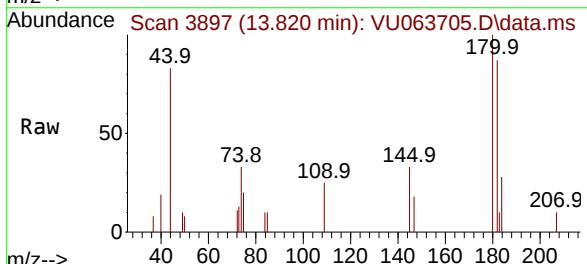
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

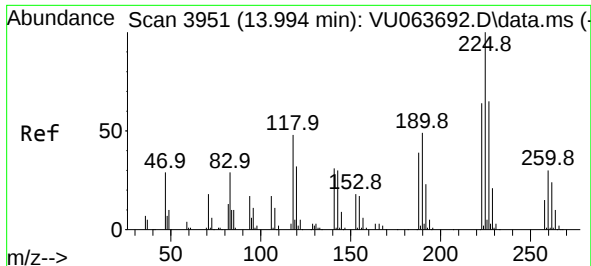
Tgt Ion: 75 Resp: 142
Ion Ratio Lower Upper
75 100
155 84.5 40.5 121.4
157 71.8 50.4 151.3



#93
1,2,4-Trichlorobenzene
Concen: 0.818 ug/l
RT: 13.820 min Scan# 3897
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 180 Resp: 2401
Ion Ratio Lower Upper
180 100
182 88.5 47.6 142.9
145 31.6 15.9 47.6

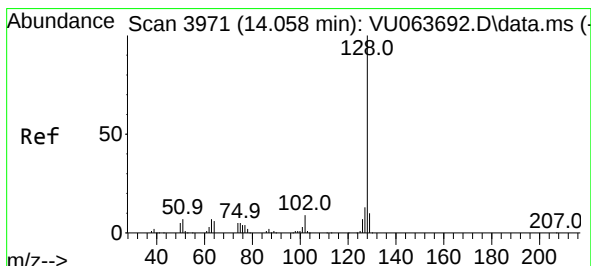
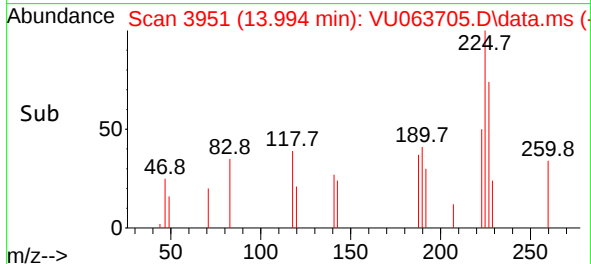
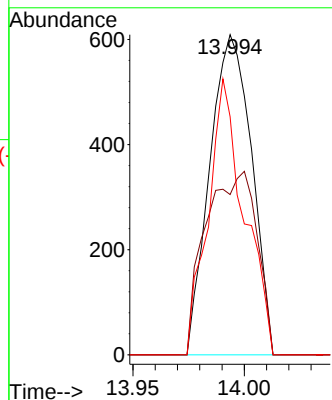
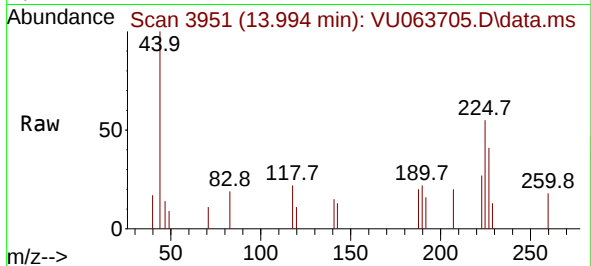




#94
Hexachlorobutadiene
Concen: 0.537 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

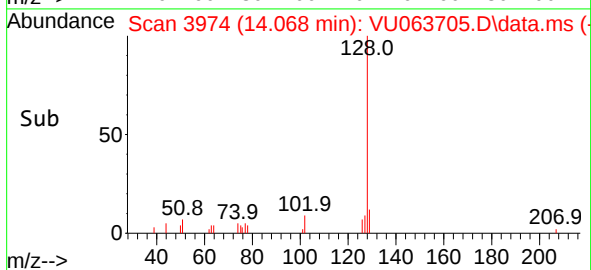
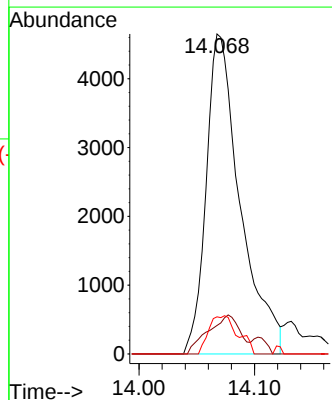
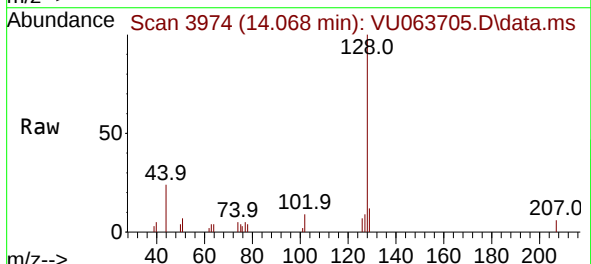
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

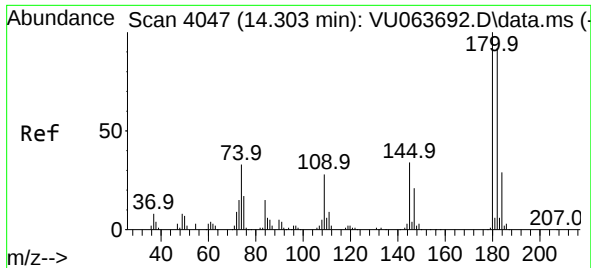
Tgt Ion:	225	Resp:	795
Ion Ratio	Lower	Upper	
225	100		
223	70.3	31.6	94.8
227	74.2	32.4	97.0



#95
Naphthalene
Concen: 1.194 ug/l
RT: 14.068 min Scan# 3974
Delta R.T. 0.010 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

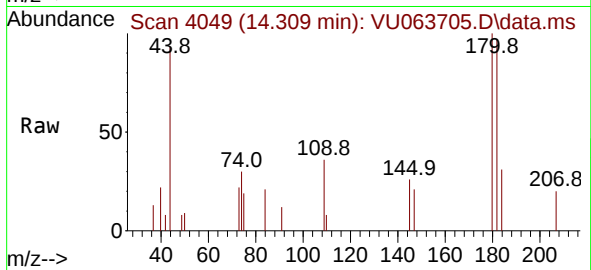
Tgt Ion:	128	Resp:	9500
Ion Ratio	Lower	Upper	
128	100		
127	11.5	9.9	14.9
129	10.2	8.4	12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 0.916 ug/l
 RT: 14.309 min Scan# 4049
 Delta R.T. 0.006 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55

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



Tgt Ion:	180	Resp:	2501
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.3	142.0
145	29.4	16.6	49.7

