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 Data File : VU063444.D
 Acq On : 24 Jun 2025 18:25
 Operator : MD/SY
 Sample : Q2127-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Jun 25 03:12:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:09:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	46683	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13946	0.814	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13843	0.804	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3274	0.183	ug/l	92
3) Chloromethane	1.518	50	5461	0.231	ug/l	100
4) Vinyl Chloride	1.599	62	3938	0.195	ug/l	96
5) Bromomethane	1.846	94	2707	0.279	ug/l	99
6) Chloroethane	1.924	64	2375	0.198	ug/l	95
7) Trichlorofluoromethane	2.126	101	4716	0.204	ug/l	91
8) 1,1,2-Trichloro-1,2,2-...	2.563	101	2427	0.198	ug/l	97
9) 1,1-Dichloroethene	2.563	96	2924	0.239	ug/l	95
10) Iodomethane	2.705	142	1808	0.183	ug/l	94
11) Allyl Chloride	2.907	41	5243	0.240	ug/l	96
12) Acrylonitrile	3.309	53	1641	0.463	ug/l #	85
13) Acetone	2.621	43	3547	0.999	ug/l	92
14) Carbon Disulfide	2.776	76	9929	0.232	ug/l	97
15) Methylene Chloride	3.030	84	4245	0.273	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	3370	0.244	ug/l	92
17) 1,1-Dichloroethane	3.850	63	6928	0.239	ug/l	99
18) 2-Butanone	4.727	43	5664	1.146	ug/l	91
19) Cyclohexane	5.354	56	4508	0.206	ug/l	97
20) Methylcyclohexane	6.747	83	3885	0.191	ug/l	97
21) 2,2-Dichloropropane	4.647	77	4752	0.231	ug/l #	88
22) cis-1,2-Dichloroethene	4.653	96	3623	0.241	ug/l	91
23) Diethyl Ether	2.374	59	2040	0.184	ug/l #	86
24) tert-Butyl Alcohol	3.203	59	3491	2.996	ug/l #	87
25) Methyl tert-Butyl Ether	3.364	73	7349	0.220	ug/l #	88
26) Bromochloromethane	4.952	128	804	0.137	ug/l #	27
27) Chloroform	5.071	83	6712	0.247	ug/l	91
28) 1,1,1-Trichloroethane	5.296	97	5141	0.234	ug/l	97
29) 1,1-Dichloropropene	5.505	75	4123	0.205	ug/l	97
30) Carbon Tetrachloride	5.496	117	3446	0.196	ug/l	87
31) Isopropyl Ether	3.994	45	9541	0.211	ug/l	87
32) Ethyl-t-butyl ether	4.505	59	8446	0.220	ug/l	100
33) Tert-Amyl methyl ether	5.946	73	5629	0.205	ug/l #	93
34) Propionitrile	4.782	54	1673	1.170	ug/l #	93
35) Benzene	5.759	78	13600	0.224	ug/l	94
36) 1,2-Dichloroethane	5.785	62	3955	0.222	ug/l #	86
37) Trichloroethene	6.534	130	3114	0.217	ug/l	94
38) 1,2-Dichloropropane	6.788	63	3618	0.215	ug/l	93
39) Methacrylonitrile	4.972	41	684	0.115	ug/l #	47
40) Methyl acrylate	4.846	55	1016	0.122	ug/l #	78
41) Tetrahydrofuran	5.065	42	1749	0.547	ug/l #	91
42) 1-Chlorobutane	5.441	56	5329	0.187	ug/l	84
43) Dibromomethane	6.914	93	1422	0.181	ug/l #	86
44) Bromodichloromethane	7.103	83	4020	0.210	ug/l	96

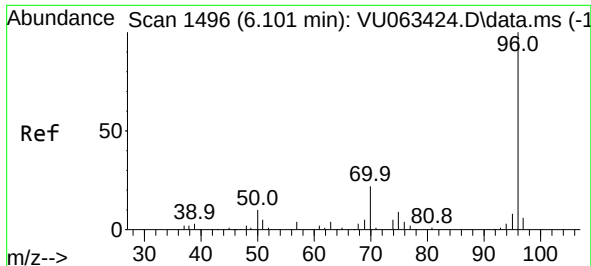
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
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Quant Time: Jun 25 03:12:42 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:09:53 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.804	43	8638	1.025	ug/l #	89
46) t-1,4-Dichloro-2-butene	10.817	75	3628	1.310	ug/l #	41
47) Methyl methacrylate	6.984	69	1791	0.295	ug/l #	84
48) Ethyl methacrylate	8.345	69	1779	0.163	ug/l #	59
49) Toluene	7.968	92	5886	0.176	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	2435	0.177	ug/l #	72
51) cis-1,3-Dichloropropene	7.608	75	3359	0.181	ug/l	93
52) 1,1,2-Trichloroethane	8.396	97	2378	0.207	ug/l	96
53) 1,3-Dichloropropane	8.573	76	4117	0.209	ug/l	96
54) 2-Hexanone	8.701	43	5960	1.054	ug/l	90
55) Dibromochloromethane	8.808	129	2390	0.202	ug/l	100
56) 1,2-Dibromoethane	8.923	107	1977	0.213	ug/l	99
58) Tetrachloroethene	8.541	164	2994	0.212	ug/l #	83
59) Chlorobenzene	9.444	112	7300	0.204	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.525	131	2604	0.202	ug/l	95
61) Pentachloroethane	11.418	117	2303	0.220	ug/l	97
62) Hexachloroethane	12.467	117	2075	0.220	ug/l	97
63) Ethyl Benzene	9.566	91	10142	0.177	ug/l	97
64) m/p-Xylenes	9.689	106	7425	0.332	ug/l	95
65) o-Xylene	10.097	106	3664	0.168	ug/l	96
66) Styrene	10.116	104	5386	0.152	ug/l	96
67) Bromoform	10.287	173	1354	0.209	ug/l #	97
69) Isopropylbenzene	10.476	105	8681	0.172	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.779	83	3494	0.238	ug/l #	89
71) 1,2,3-Trichloropropane	10.817	75	3628	0.303	ug/l #	86
72) Bromobenzene	10.782	156	2548	0.180	ug/l	86
73) n-propylbenzene	10.901	120	2604	0.170	ug/l	95
74) 2-Chlorotoluene	10.978	126	2172	0.155	ug/l	76
75) 1,3,5-Trimethylbenzene	11.081	105	6860	0.140	ug/l	99
76) 4-Chlorotoluene	11.097	126	2301	0.157	ug/l	86
77) tert-Butylbenzene	11.412	119	7385	0.159	ug/l	99
78) 1,2,4-Trimethylbenzene	11.467	105	7633	0.154	ug/l	97
79) sec-Butylbenzene	11.637	105	10441	0.159	ug/l	98
80) Nitrobenzene	13.241	77	946	1.415	ug/l #	79
81) p-Isopropyltoluene	11.788	119	8069	0.157	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	5730	0.195	ug/l	92
83) 1,4-Dichlorobenzene	11.836	146	6292	0.207	ug/l	94
84) n-Butylbenzene	12.206	91	9220	0.172	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	5725	0.204	ug/l	93
86) 1,2-Dibromo-3-Chloropr...	12.994	75	466	0.231	ug/l #	79
87) 1,2,4-Trichlorobenzene	13.843	180	4233	0.270	ug/l	93
88) Hexachlorobutadiene	14.013	225	2693	0.243	ug/l	91
89) Naphthalene	14.090	128	9235	0.354	ug/l #	95
90) 1,2,3-Trichlorobenzene	14.328	180	4388	0.282	ug/l	95

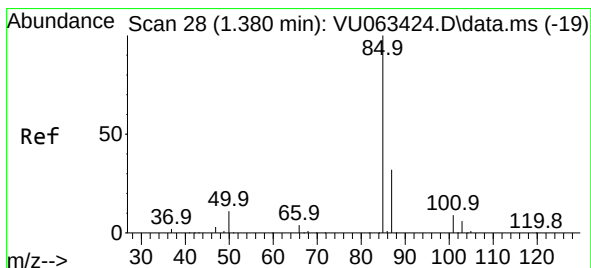
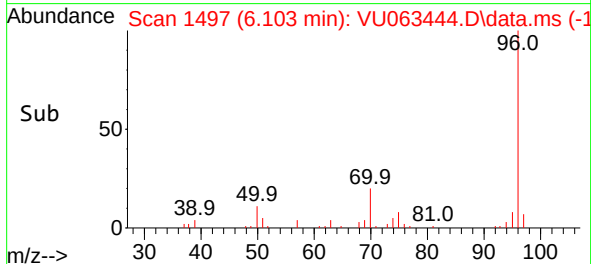
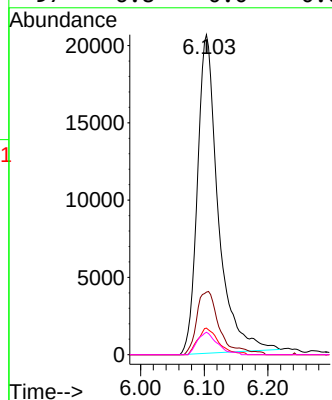
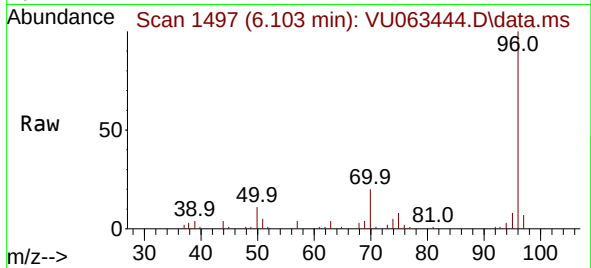
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 14
Delta R.T. 0.002 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

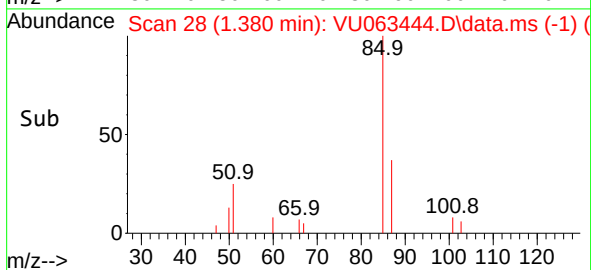
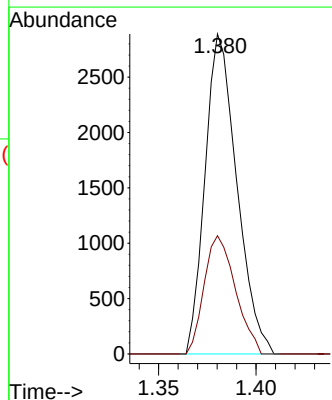
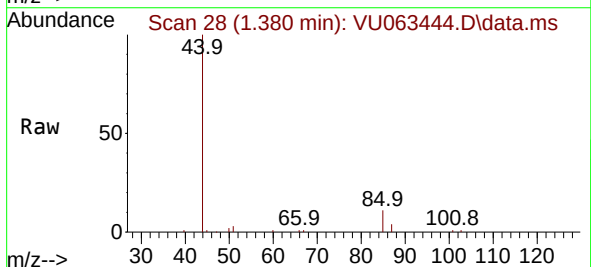
Instrument :
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LOD-MDL-WATER-01-QT2-2025

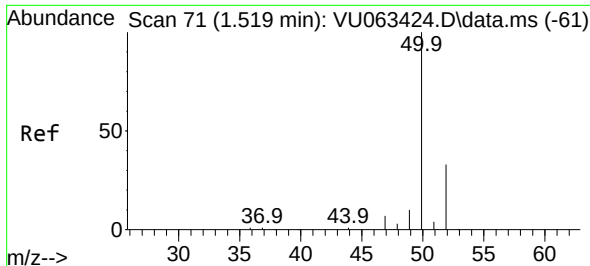
Tgt Ion: 96	Resp: 46683
Ion Ratio	Lower Upper
96 100	
70 21.8	16.4 24.6
95 7.6	6.2 9.2
97 6.8	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.183 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion: 85	Resp: 3274
Ion Ratio	Lower Upper
85 100	
87 37.0	16.2 48.5

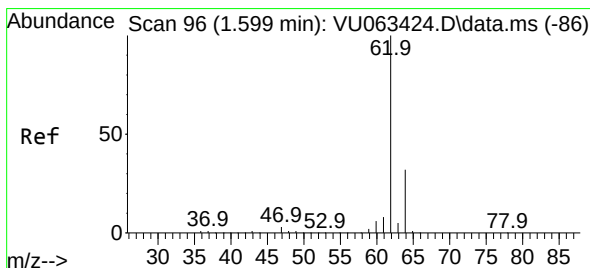
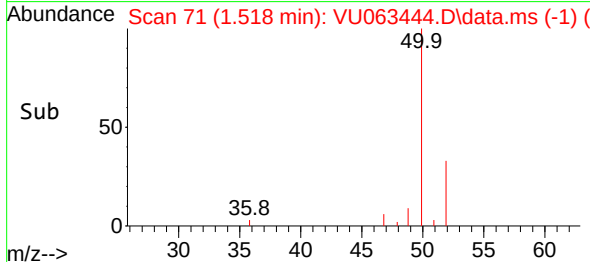
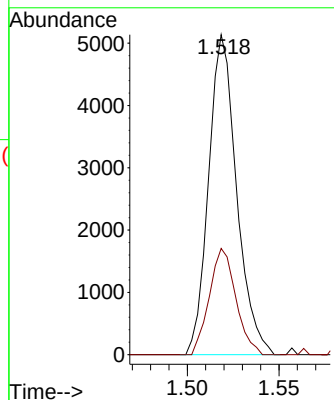
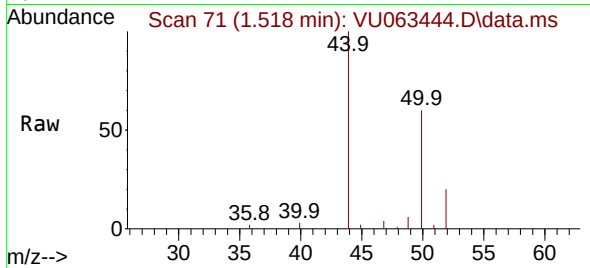




#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

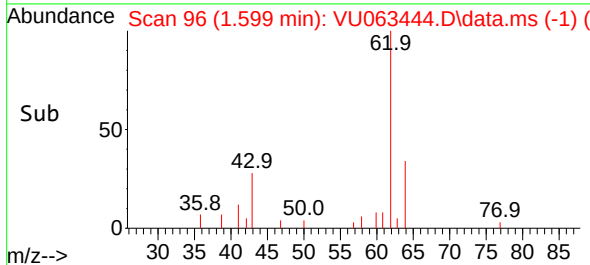
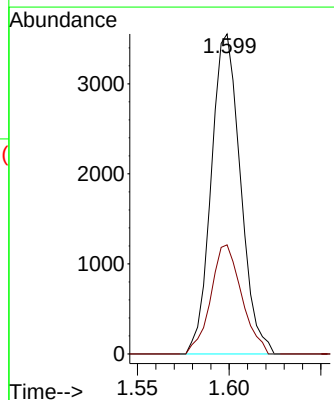
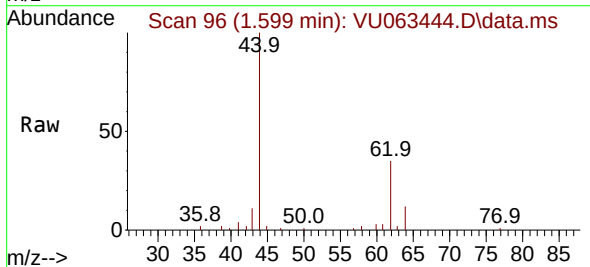
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

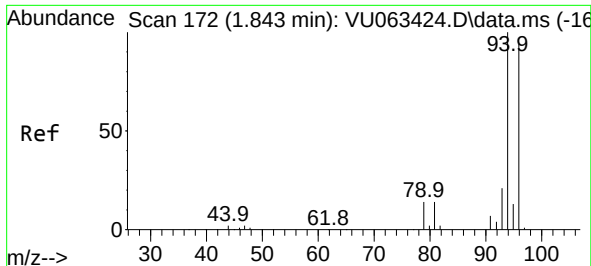
Tgt Ion: 50 Resp: 5461
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0



#4
Vinyl Chloride
Concen: 0.195 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion: 62 Resp: 3938
Ion Ratio Lower Upper
62 100
64 34.1 25.7 38.5

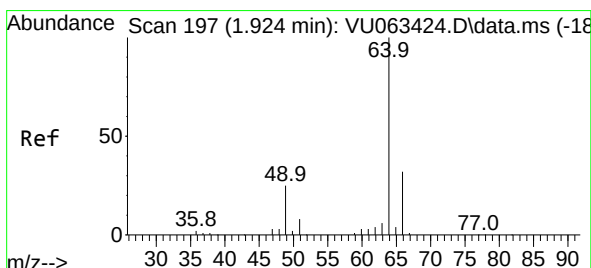
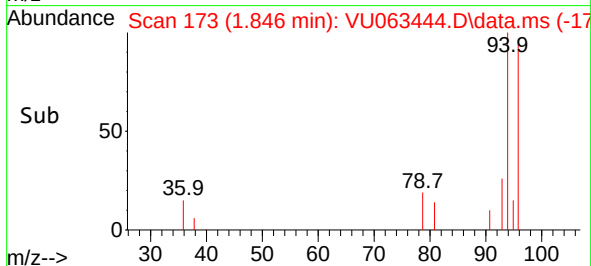
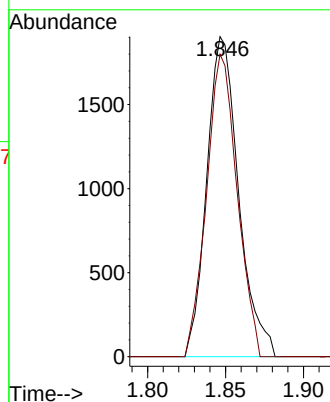
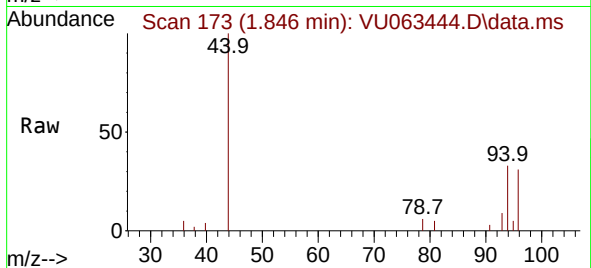




#5
Bromomethane
Concen: 0.279 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

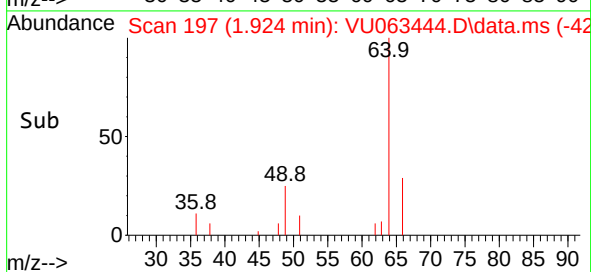
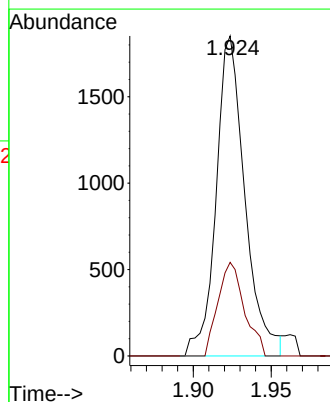
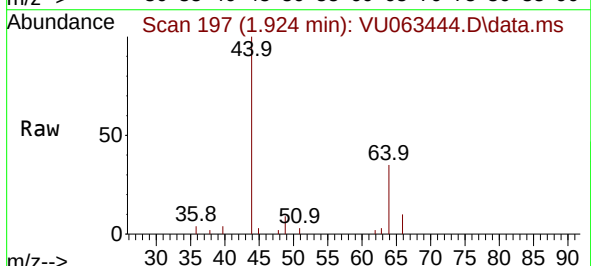
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MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

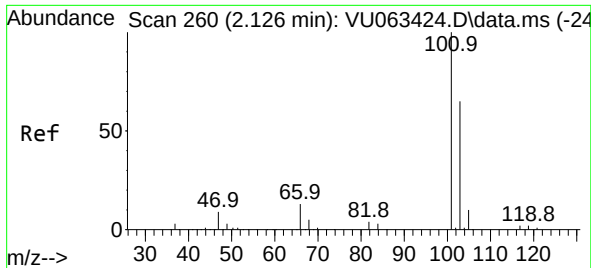
Tgt Ion: 94 Resp: 2707
Ion Ratio Lower Upper
94 100
96 94.5 74.8 112.2



#6
Chloroethane
Concen: 0.198 ug/l
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion: 64 Resp: 2375
Ion Ratio Lower Upper
64 100
66 29.2 25.7 38.5

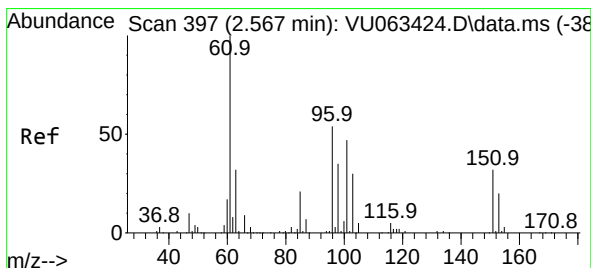
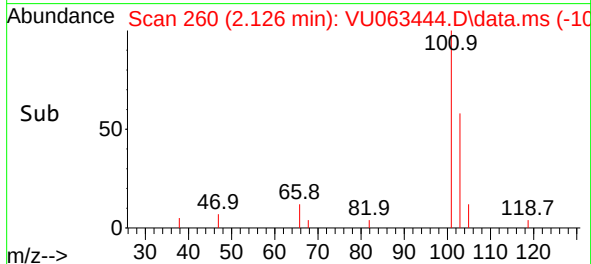
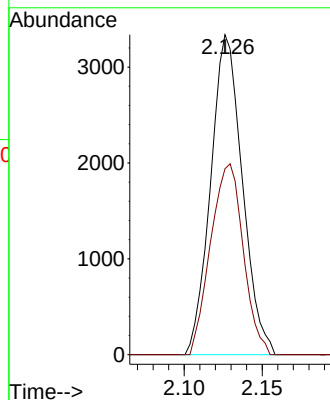
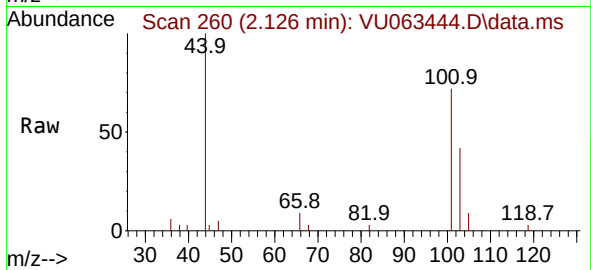




#7
 Trichlorofluoromethane
 Concen: 0.204 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

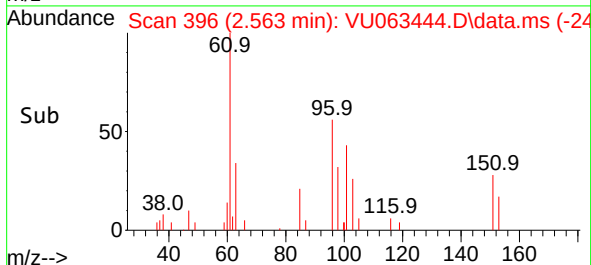
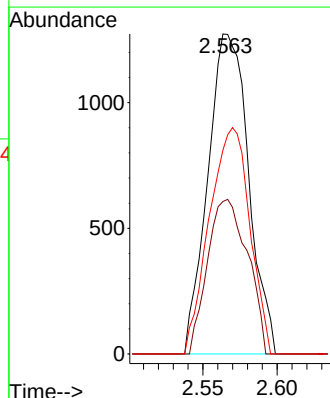
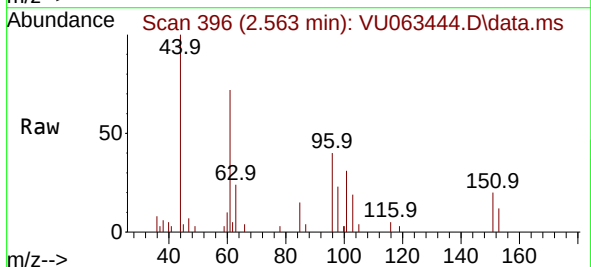
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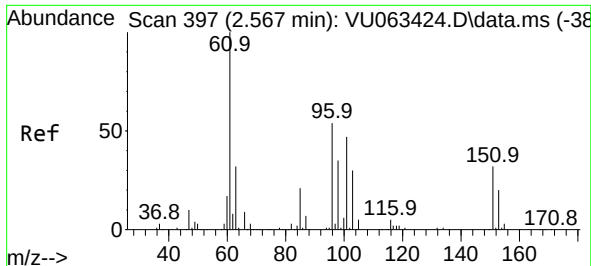
Tgt Ion:101 Resp: 4716
 Ion Ratio Lower Upper
 101 100
 103 58.1 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.198 ug/l
 RT: 2.563 min Scan# 396
 Delta R.T. -0.004 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

Tgt Ion:101 Resp: 2427
 Ion Ratio Lower Upper
 101 100
 85 47.6 36.7 55.1
 151 70.2 53.9 80.9

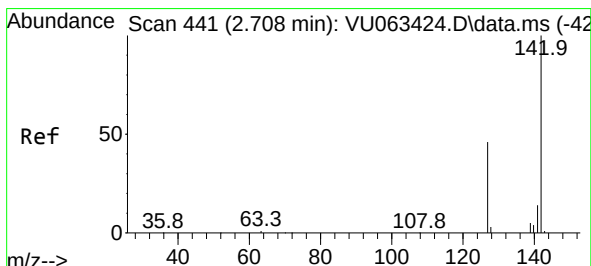
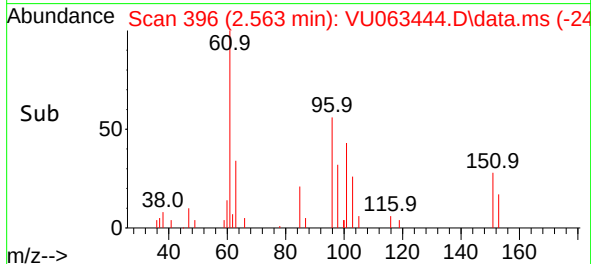
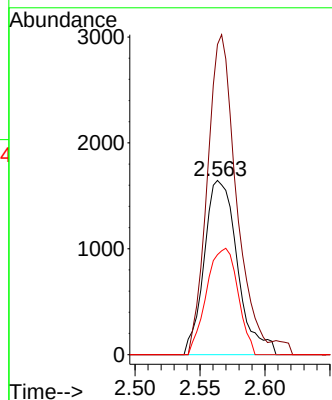
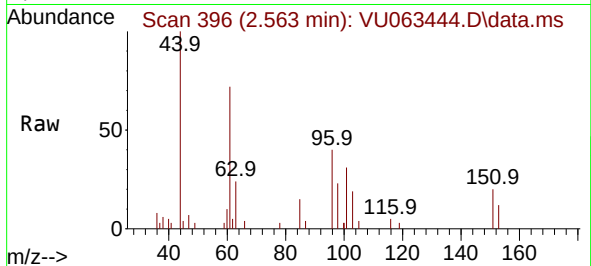




#9
1,1-Dichloroethene
Concen: 0.239 ug/l
RT: 2.563 min Scan# 397
Delta R.T. -0.004 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

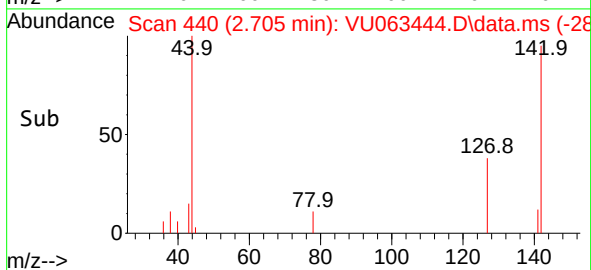
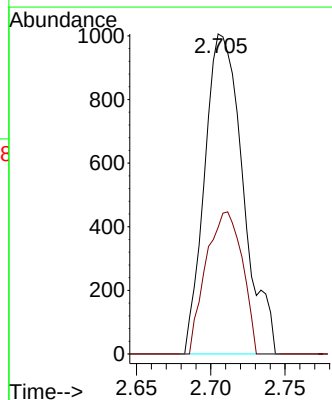
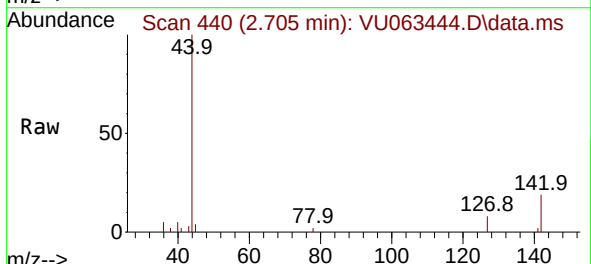
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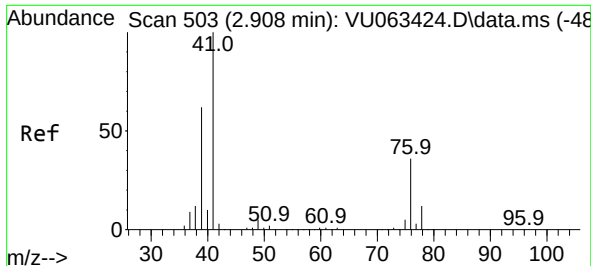
Tgt Ion: 96 Resp: 2924
Ion Ratio Lower Upper
96 100
61 178.1 0.0 552.0
98 57.4 0.0 128.4



#10
Iodomethane
Concen: 0.183 ug/l
RT: 2.705 min Scan# 440
Delta R.T. -0.004 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion: 142 Resp: 1808
Ion Ratio Lower Upper
142 100
127 41.9 36.9 55.3

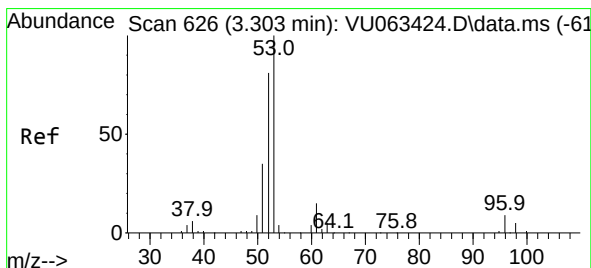
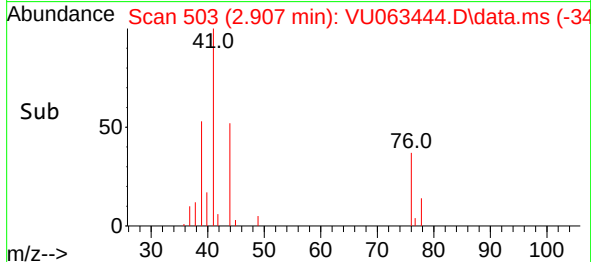
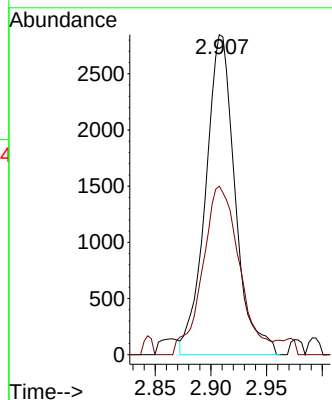
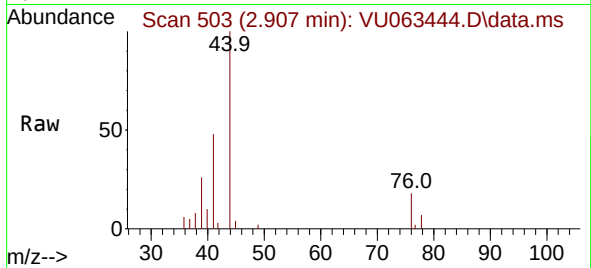




#11
 Allyl Chloride
 Concen: 0.240 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

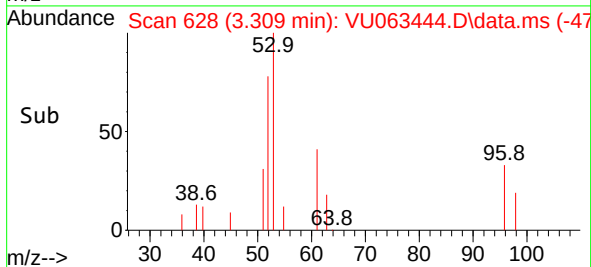
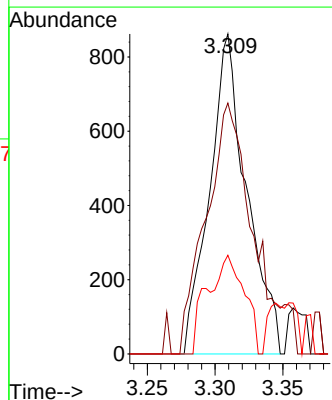
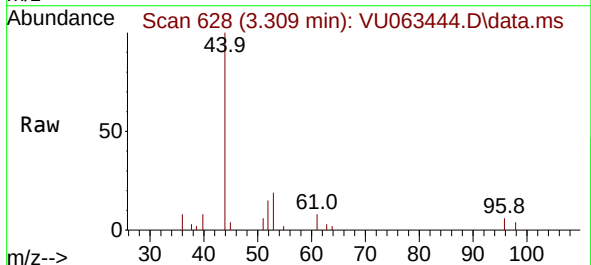
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

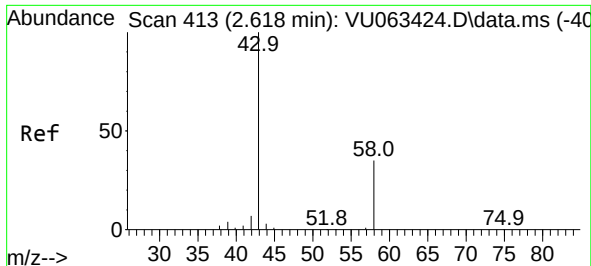
Tgt Ion: 41 Resp: 5243
 Ion Ratio Lower Upper
 41 100
 39 65.7 50.3 75.5



#12
 Acrylonitrile
 Concen: 0.463 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.006 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

Tgt Ion: 53 Resp: 1641
 Ion Ratio Lower Upper
 53 100
 52 95.9 62.8 94.2#
 51 30.5 26.2 39.4





#13

Acetone

Concen: 0.999 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

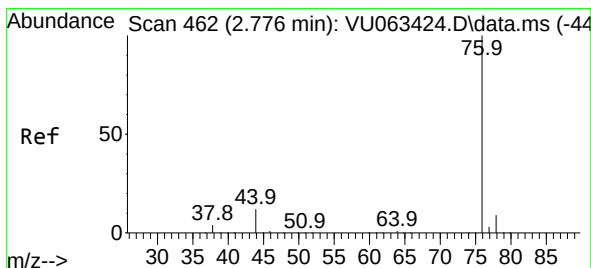
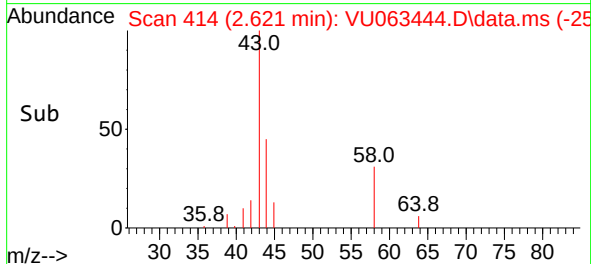
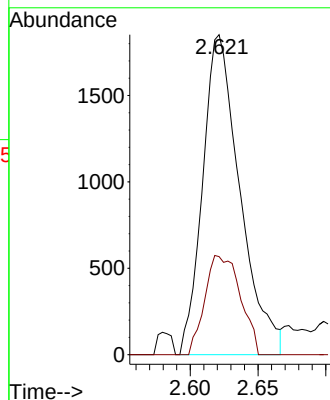
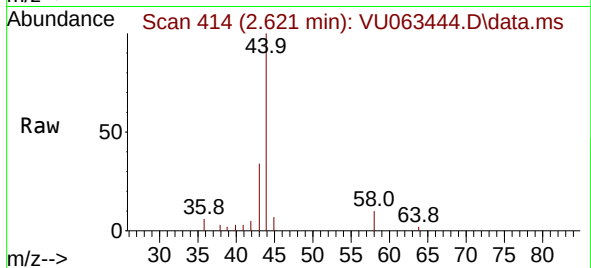
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 3547

Ion Ratio Lower Upper

43 100

58 30.6 28.3 42.5



#14

Carbon Disulfide

Concen: 0.232 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063444.D

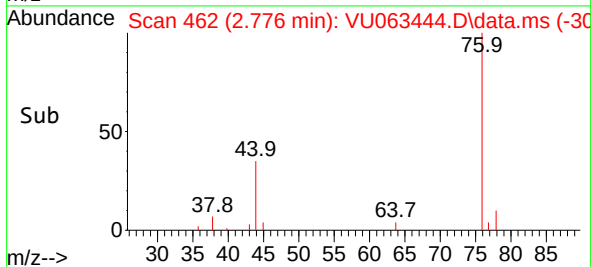
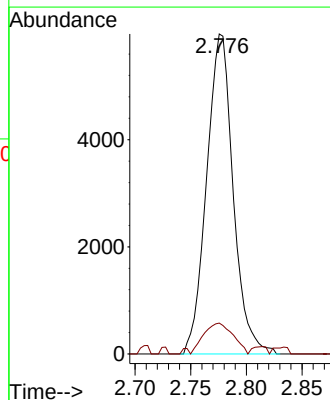
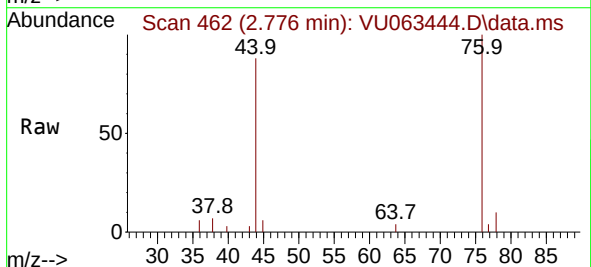
Acq: 24 Jun 2025 18:25

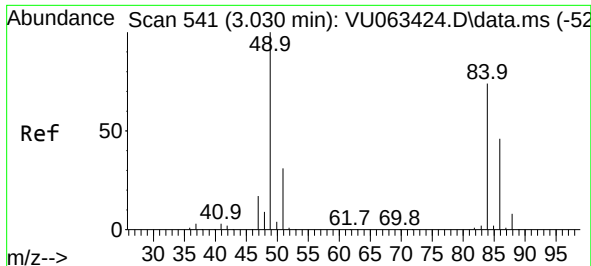
Tgt Ion: 76 Resp: 9929

Ion Ratio Lower Upper

76 100

78 9.7 6.9 10.3

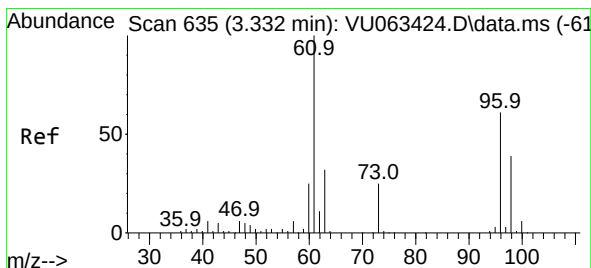
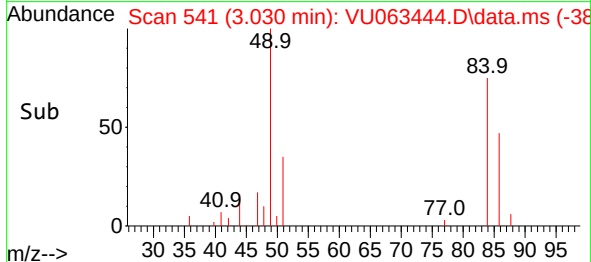
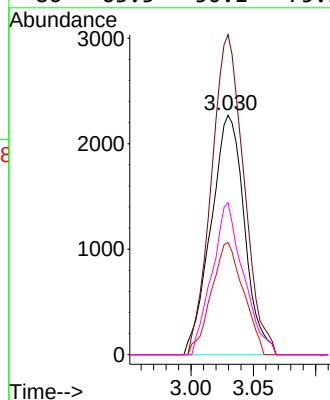
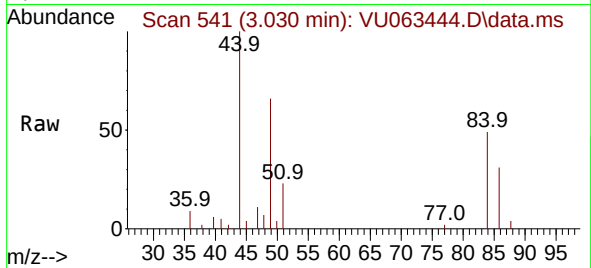




#15
Methylene Chloride
Concen: 0.273 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

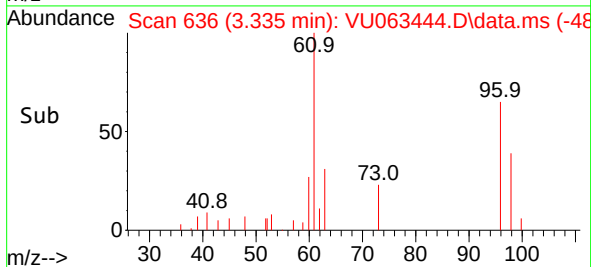
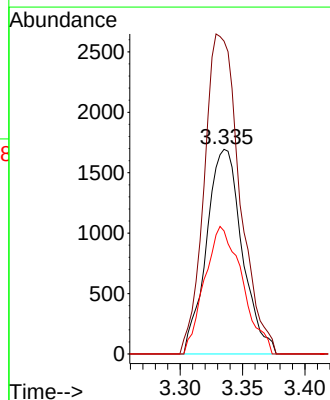
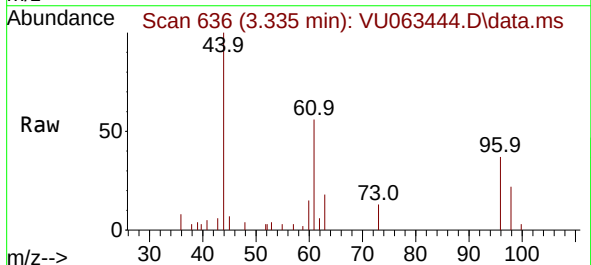
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

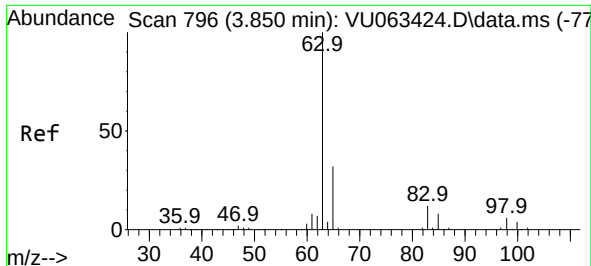
Tgt Ion:	84	Resp:	4245
Ion	Ratio	Lower	Upper
84	100		
49	133.7	108.7	163.1
51	46.9	0.0	83.8
86	63.5	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 0.244 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion:	96	Resp:	3370
Ion	Ratio	Lower	Upper
96	100		
61	152.8	132.1	198.1
98	60.2	51.0	76.4

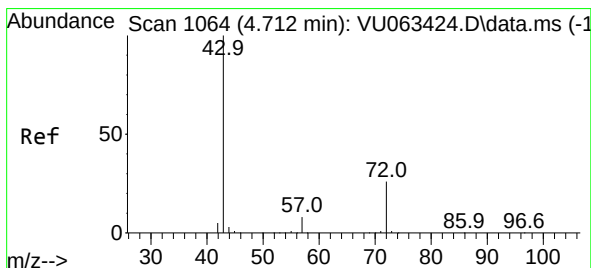
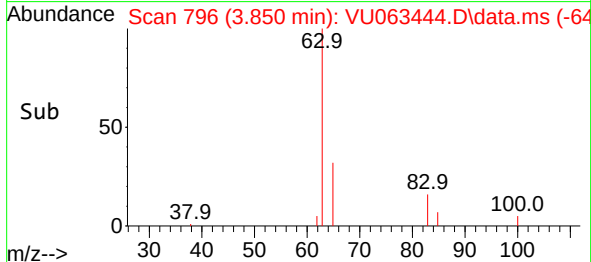
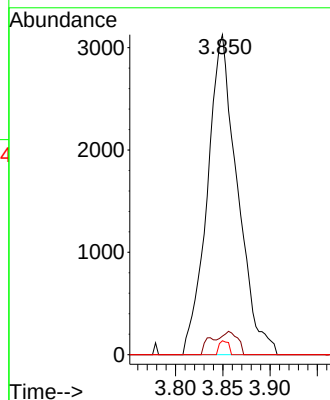
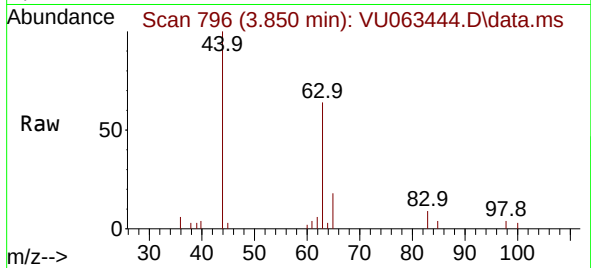




#17
 1,1-Dichloroethane
 Concen: 0.239 ug/l
 RT: 3.850 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

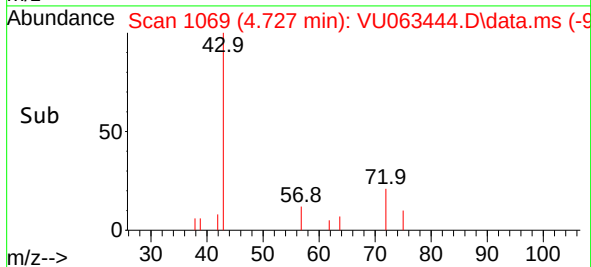
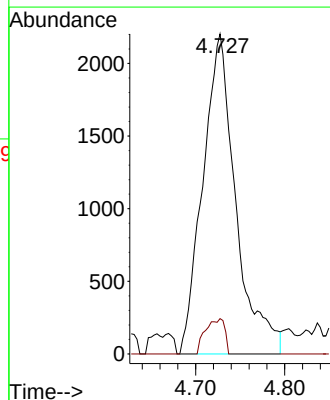
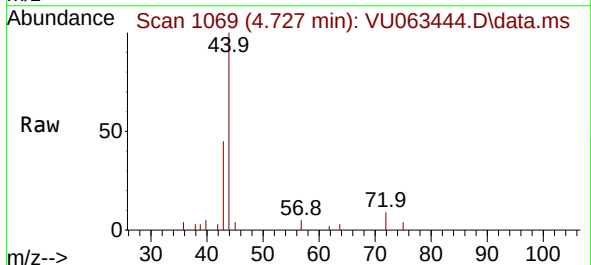
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025

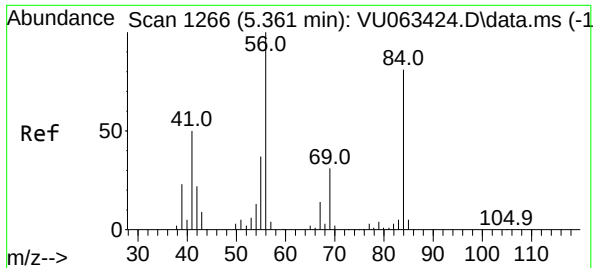
Tgt Ion:	63	Resp:	6928
Ion Ratio	Lower	Upper	
63	100		
98	5.8	2.8	8.4
100	4.3	1.9	5.7



#18
 2-Butanone
 Concen: 1.146 ug/l
 RT: 4.727 min Scan# 1069
 Delta R.T. 0.016 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

Tgt Ion:	43	Resp:	5664
Ion Ratio	Lower	Upper	
43	100		
57	11.1	0.0	16.0





#19

Cyclohexane

Concen: 0.206 ug/l

RT: 5.354 min Scan# 11

Delta R.T. -0.007 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

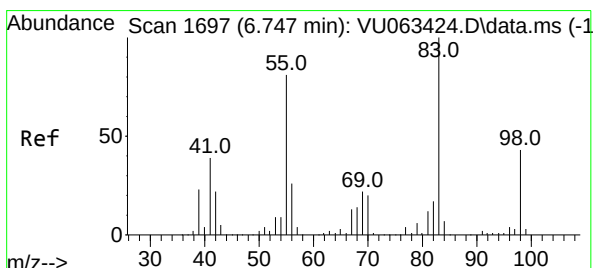
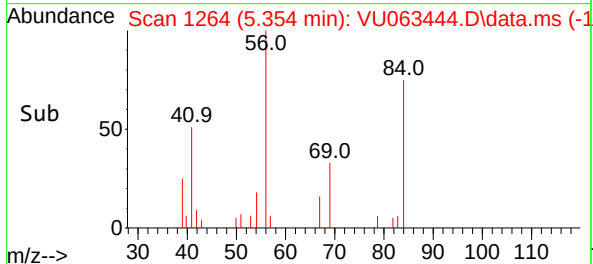
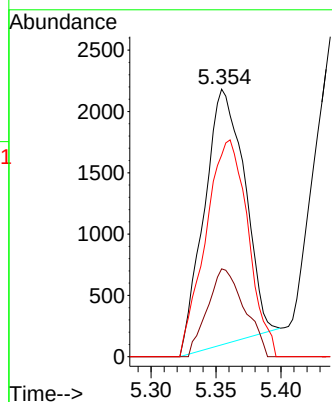
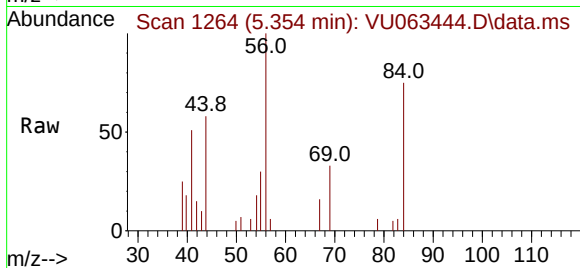
Tgt Ion: 56 Resp: 4508

Ion Ratio Lower Upper

56 100

69 31.5 26.4 39.6

84 89.0 68.6 102.8



#20

Methylcyclohexane

Concen: 0.191 ug/l

RT: 6.747 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

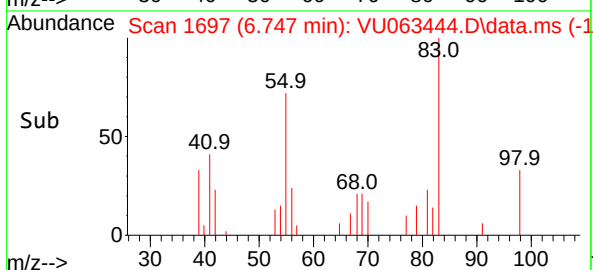
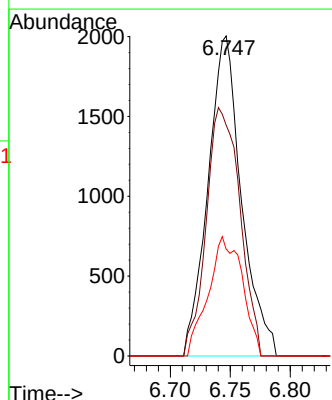
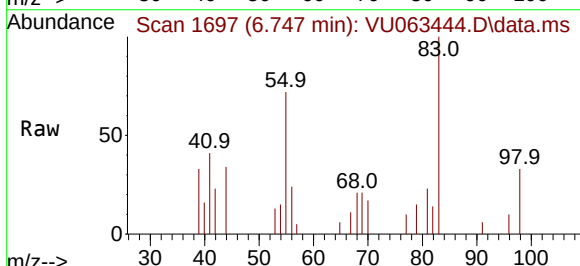
Tgt Ion: 83 Resp: 3885

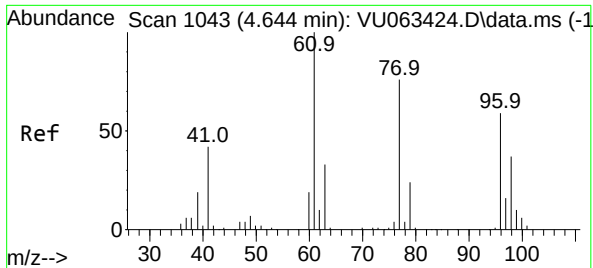
Ion Ratio Lower Upper

83 100

55 78.3 63.5 95.3

98 37.9 34.2 51.4





#21

2,2-Dichloropropane

Concen: 0.231 ug/l

RT: 4.647 min Scan# 1043

Delta R.T. 0.003 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

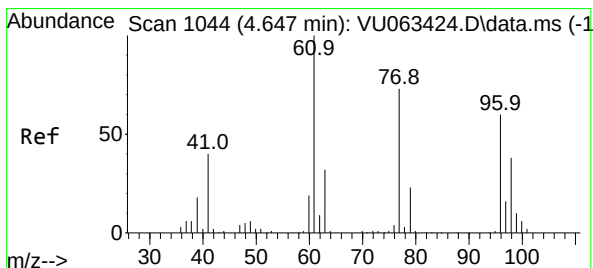
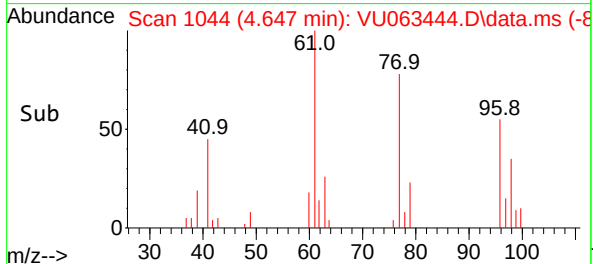
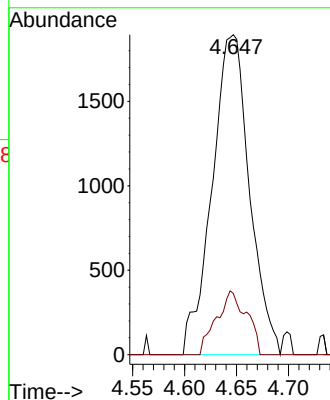
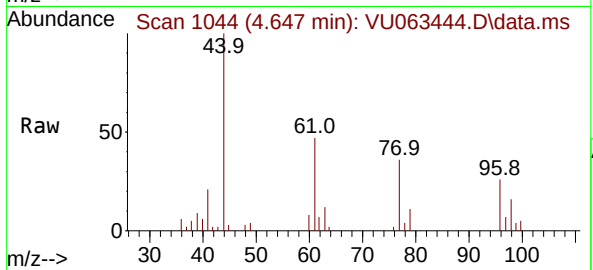
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 77 Resp: 4752

Ion Ratio Lower Upper

77 100

97 16.0 17.2 25.8#



#22

cis-1,2-Dichloroethene

Concen: 0.241 ug/l

RT: 4.653 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

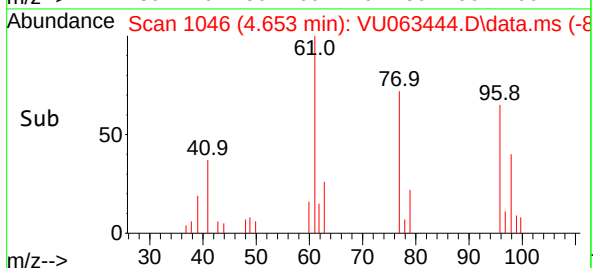
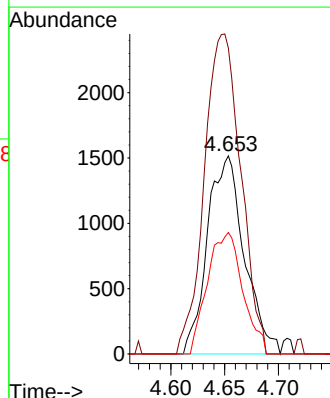
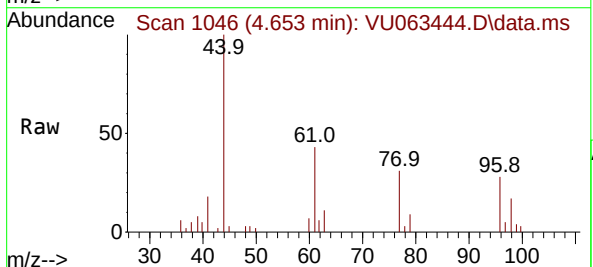
Tgt Ion: 96 Resp: 3623

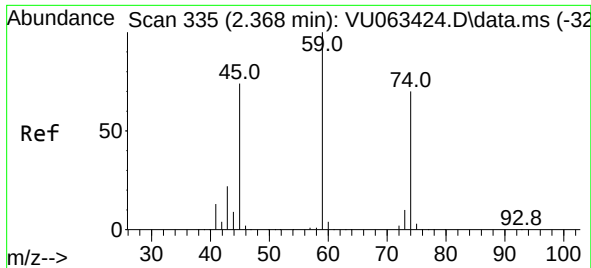
Ion Ratio Lower Upper

96 100

61 159.5 0.0 434.3

98 58.7 31.9 95.7

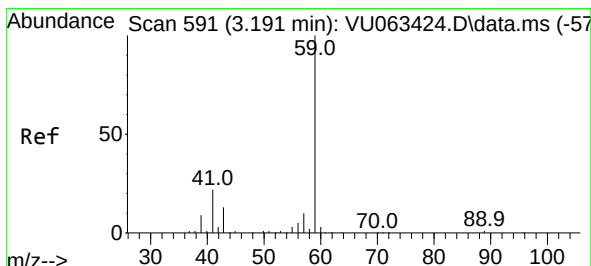
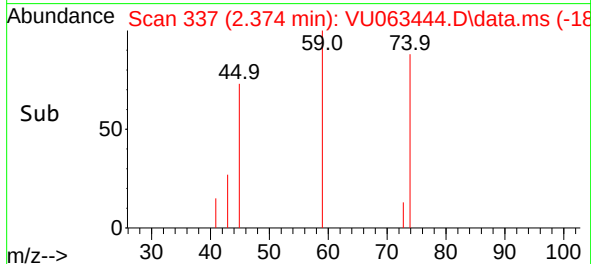
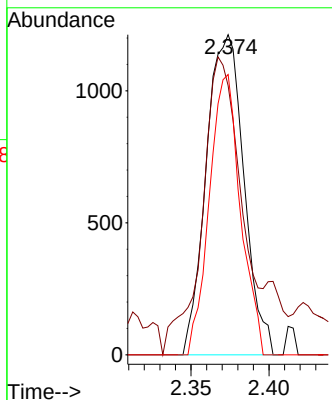
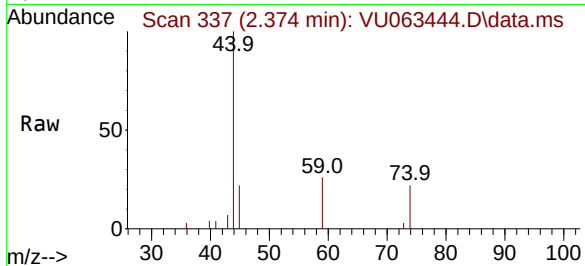




#23
Diethyl Ether
Concen: 0.184 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

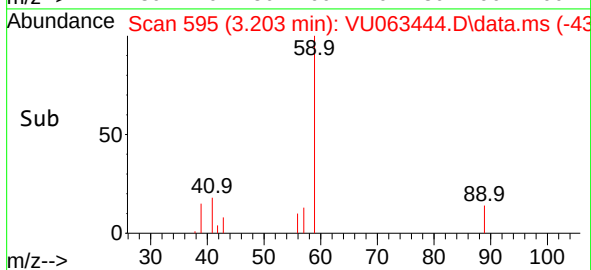
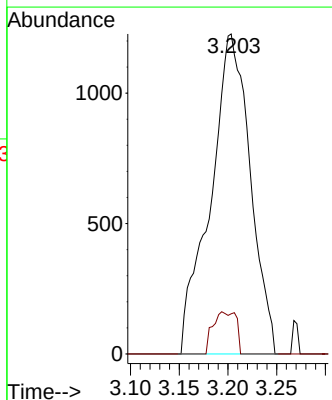
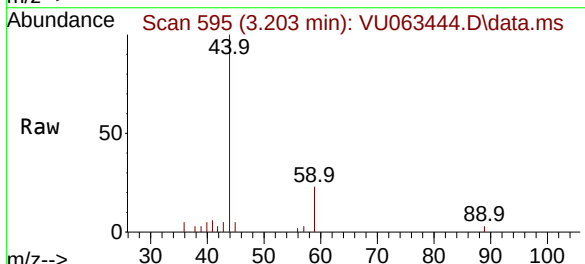
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

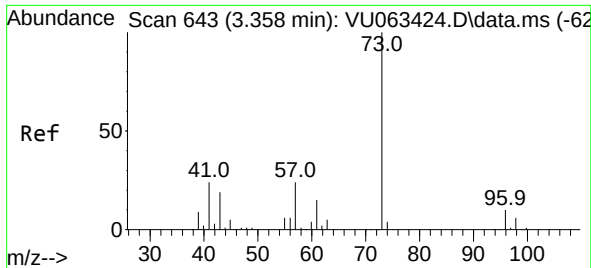
Tgt Ion: 59 Resp: 2040
Ion Ratio Lower Upper
59 100
45 96.8 60.7 91.1#
74 72.3 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 2.996 ug/l
RT: 3.203 min Scan# 595
Delta R.T. 0.013 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion: 59 Resp: 3491
Ion Ratio Lower Upper
59 100
57 5.2 7.8 11.8#

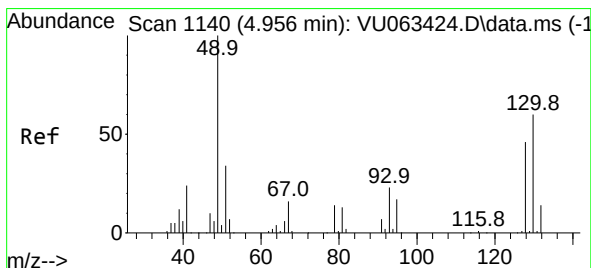
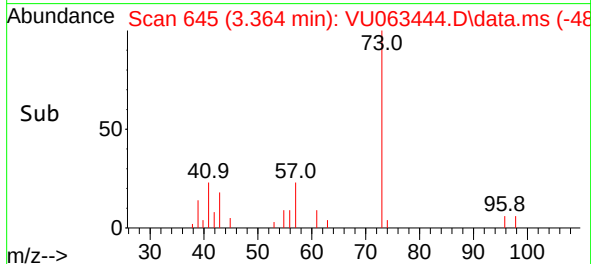
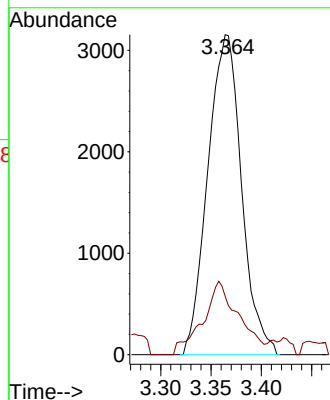
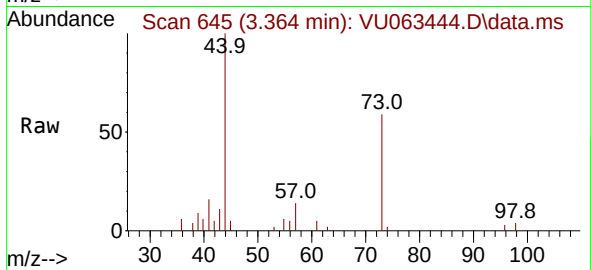




#25
Methyl tert-Butyl Ether
Concen: 0.220 ug/l
RT: 3.364 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

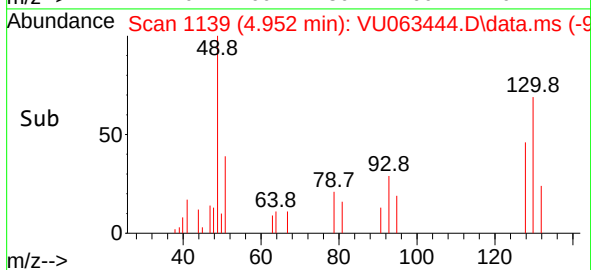
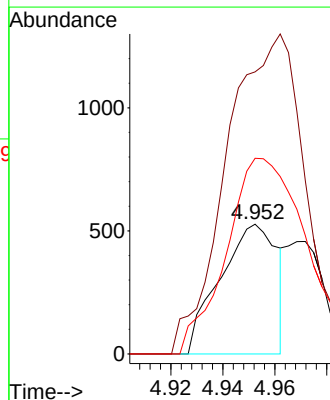
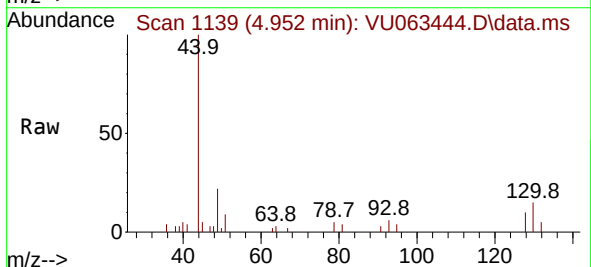
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

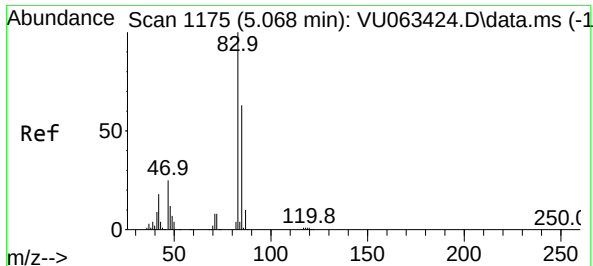
Tgt Ion: 73 Resp: 7349
Ion Ratio Lower Upper
73 100
43 24.4 15.1 22.7#



#26
Bromochloromethane
Concen: 0.137 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.004 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion:128 Resp: 804
Ion Ratio Lower Upper
128 100
49 343.4 0.0 441.2
130 206.6 102.3 153.5#





#27

Chloroform

Concen: 0.247 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

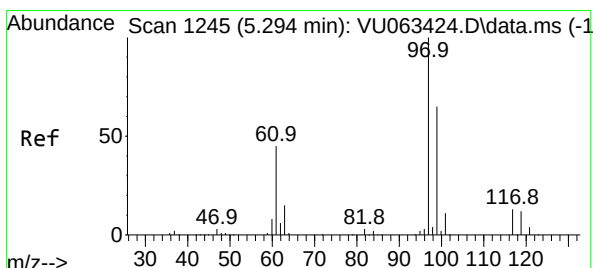
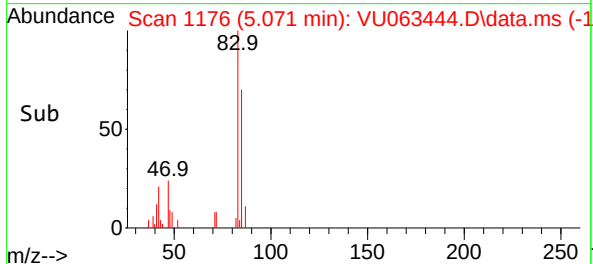
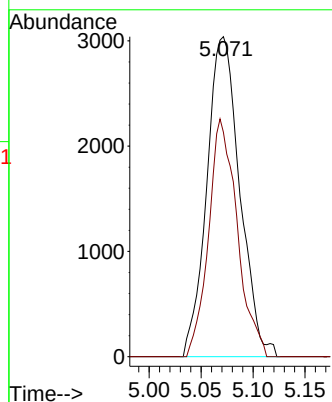
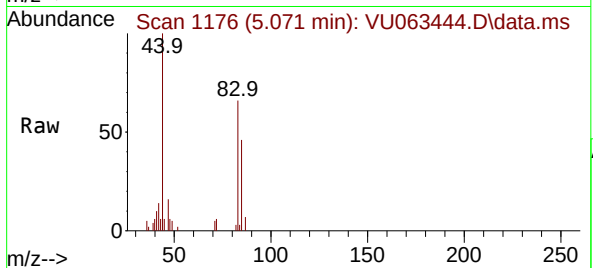
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 83 Resp: 6712

Ion Ratio Lower Upper

83 100

85 70.1 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 0.234 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

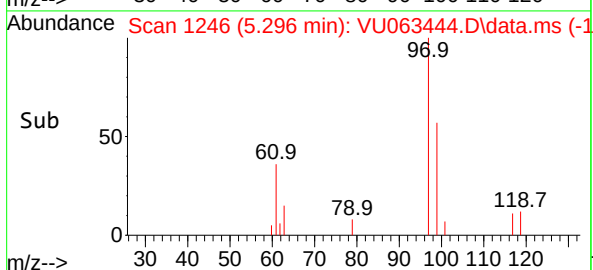
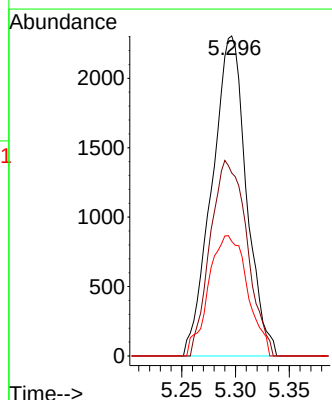
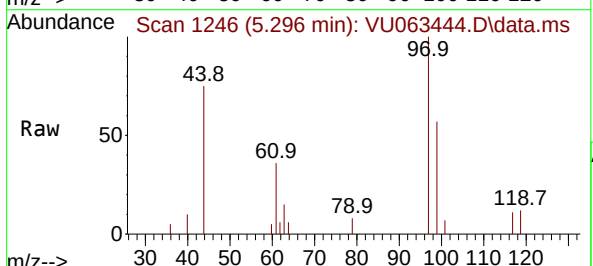
Tgt Ion: 97 Resp: 5141

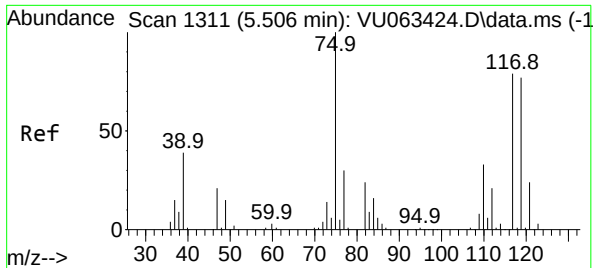
Ion Ratio Lower Upper

97 100

99 65.2 31.9 95.5

61 42.3 22.9 68.7

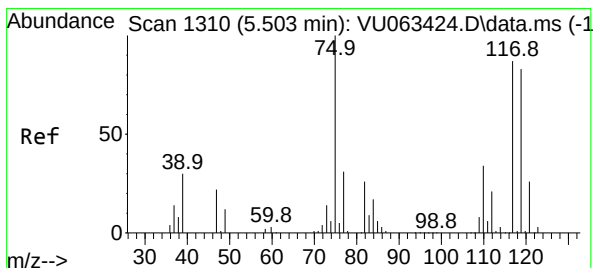
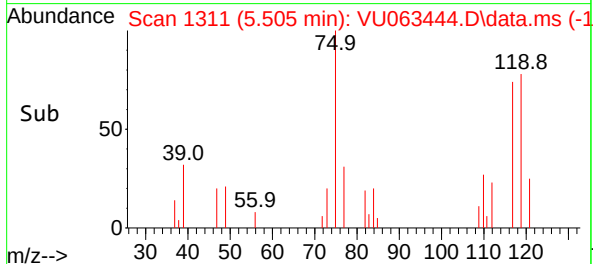
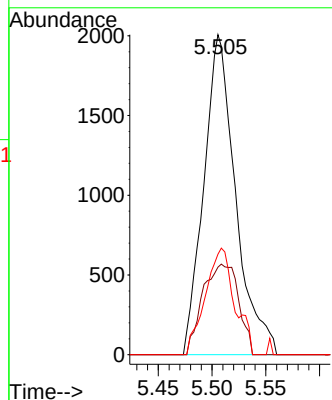
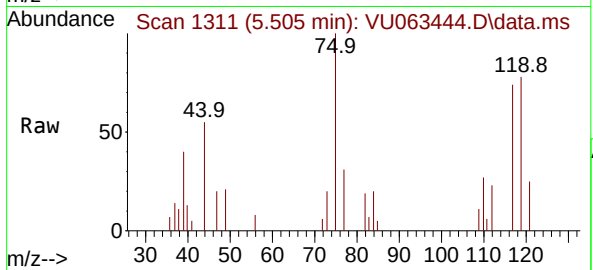




#29
1,1-Dichloropropene
Concen: 0.205 ug/l
RT: 5.505 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

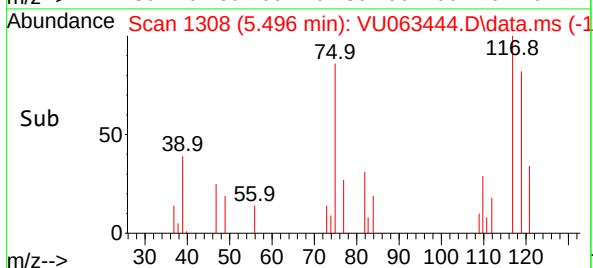
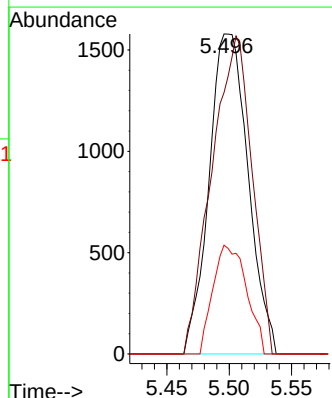
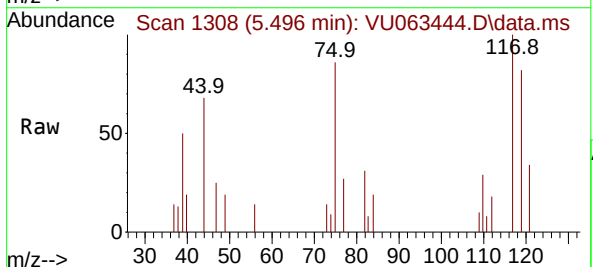
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

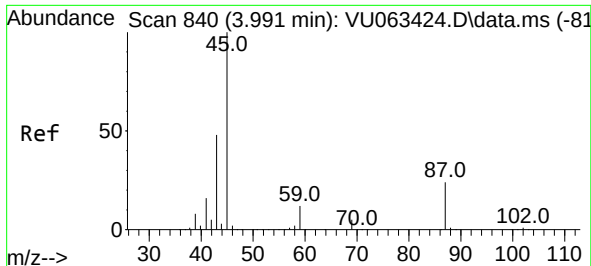
Tgt Ion:	75	Resp:	4123
Ion	Ratio	Lower	Upper
75	100		
110	31.9	17.4	52.2
77	30.8	25.4	38.0



#30
Carbon Tetrachloride
Concen: 0.196 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. -0.007 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion:	117	Resp:	3446
Ion	Ratio	Lower	Upper
117	100		
119	81.7	76.7	115.1
121	34.0	24.3	36.5

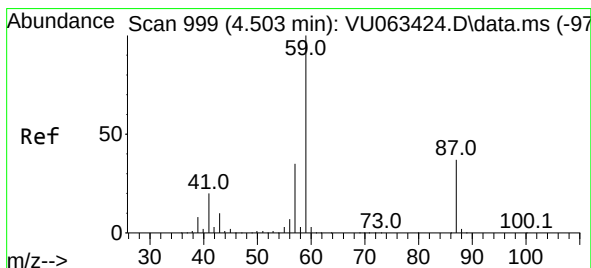
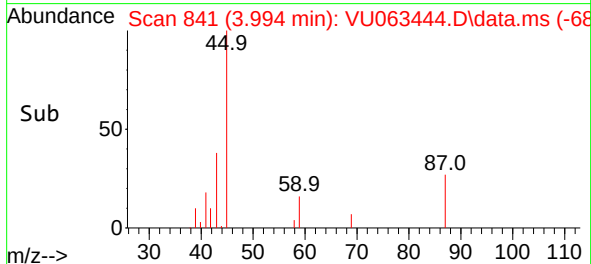
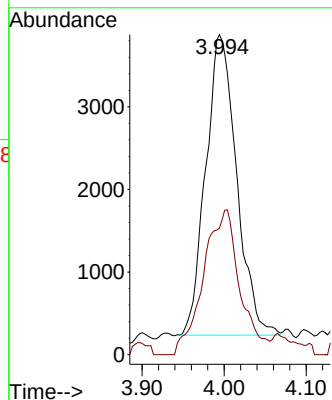
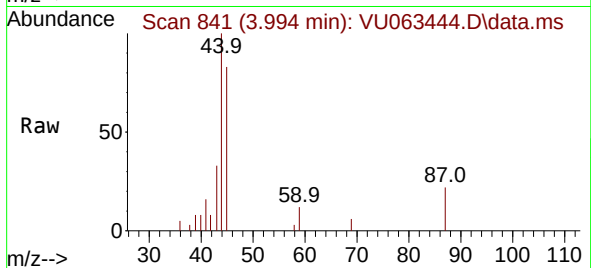




#31
Isopropyl Ether
Concen: 0.211 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

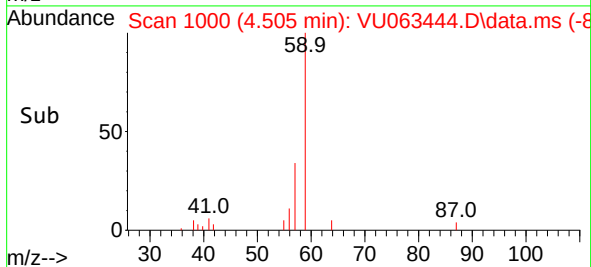
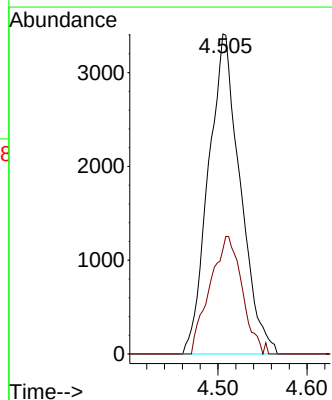
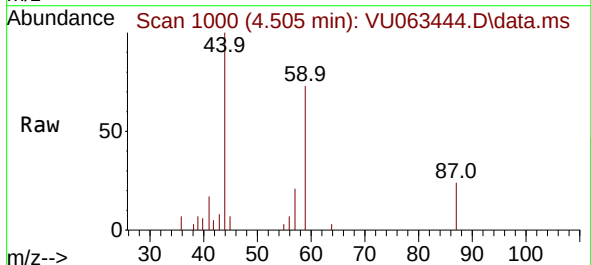
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

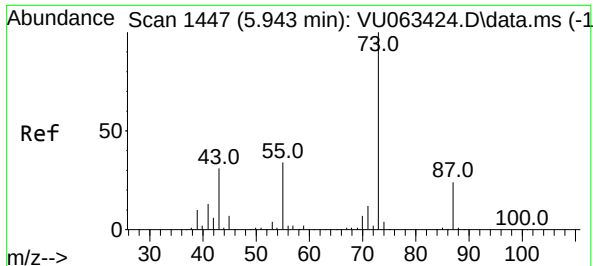
Tgt Ion: 45 Resp: 9541
Ion Ratio Lower Upper
45 100
43 56.6 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 0.220 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion: 59 Resp: 8446
Ion Ratio Lower Upper
59 100
87 37.2 29.9 44.9

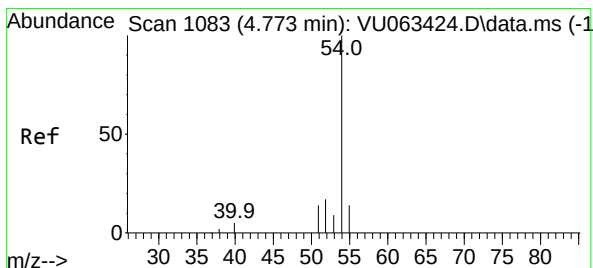
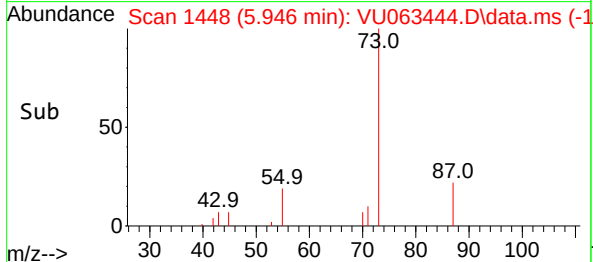
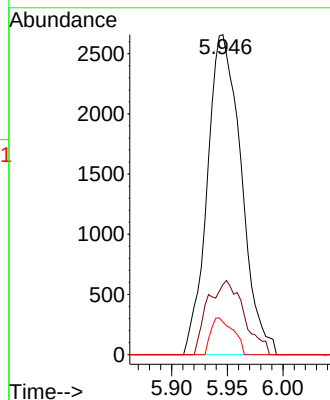
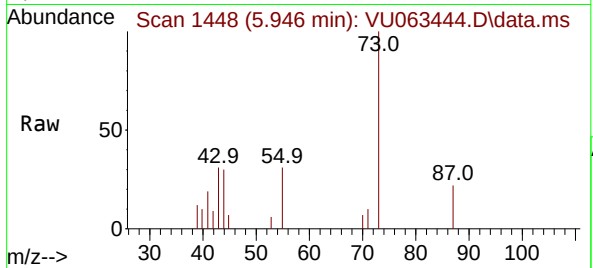




#33
Tert-Amyl methyl ether
Concen: 0.205 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

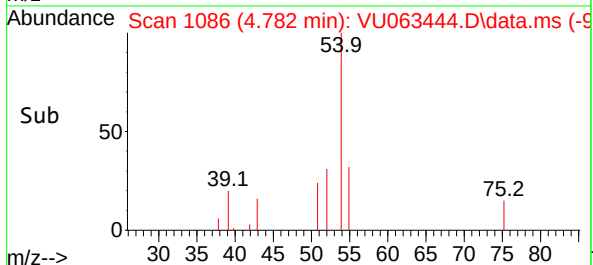
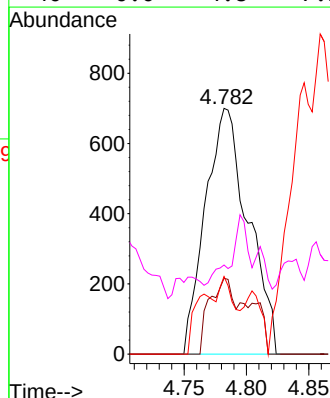
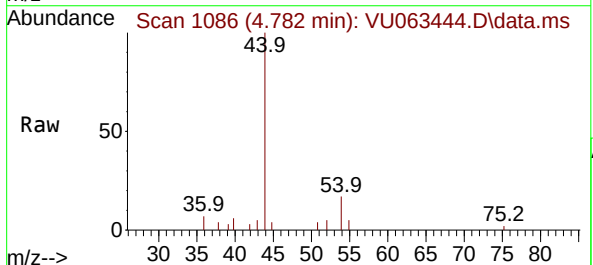
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

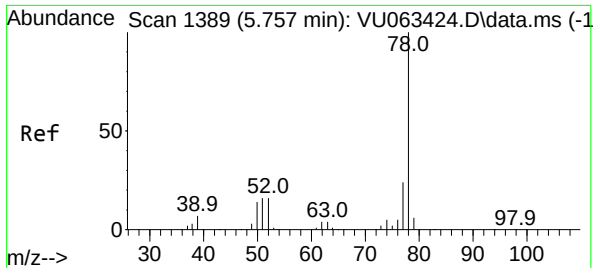
Tgt Ion: 73 Resp: 5629
Ion Ratio Lower Upper
73 100
87 24.7 18.1 27.1
71 7.5 10.0 15.0#



#34
Propionitrile
Concen: 1.170 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. 0.009 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion: 54 Resp: 1673
Ion Ratio Lower Upper
54 100
52 17.4 14.8 22.2
55 11.6 12.2 18.2#
40 0.0 4.8 7.2#

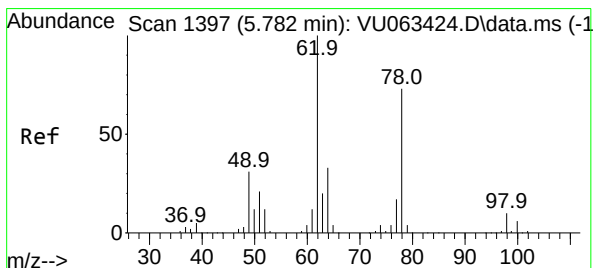
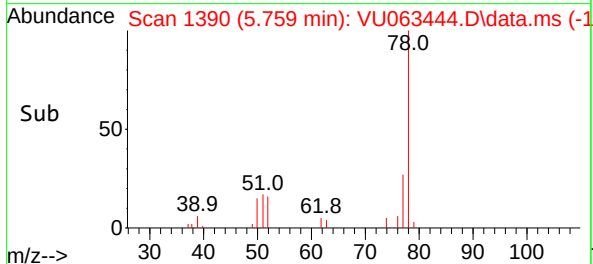
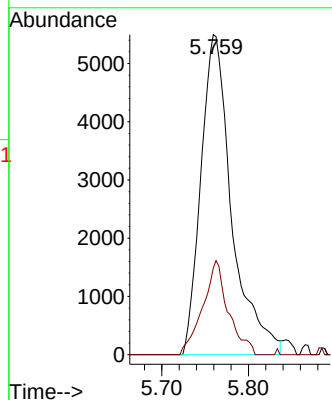
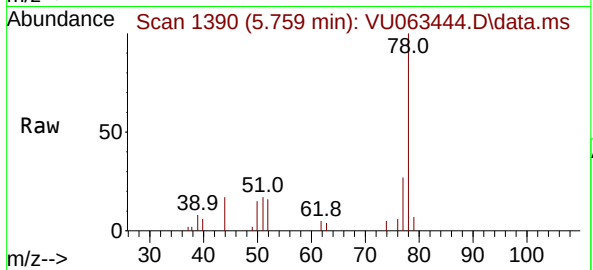




#35
Benzene
Concen: 0.224 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. 0.003 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

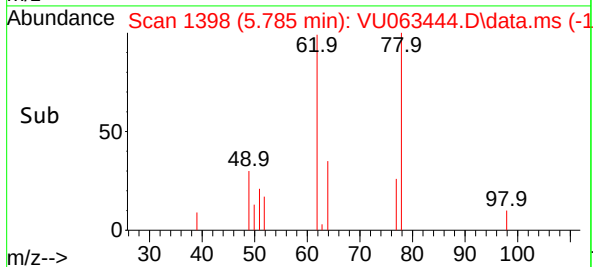
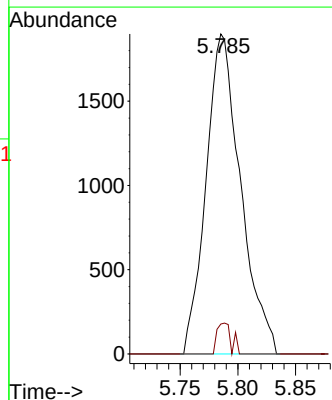
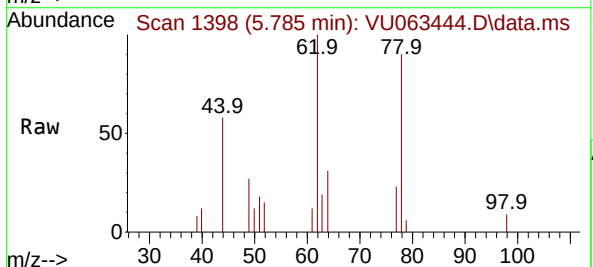
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

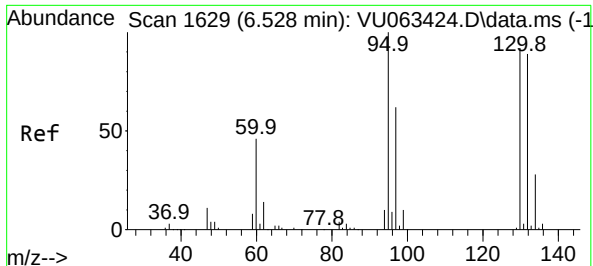
Tgt Ion: 78 Resp: 13600
Ion Ratio Lower Upper
78 100
77 27.1 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.222 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion: 62 Resp: 3955
Ion Ratio Lower Upper
62 100
98 3.9 7.1 10.7#





#37

Trichloroethene

Concen: 0.217 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

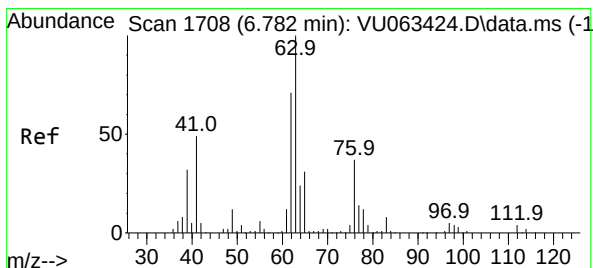
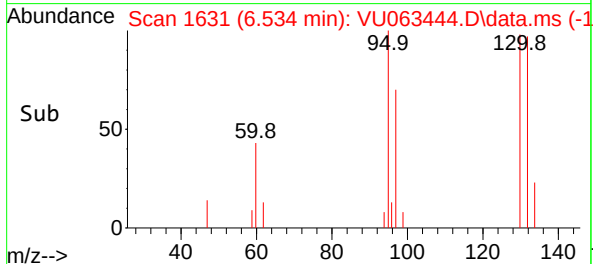
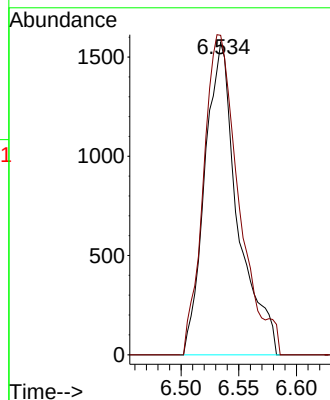
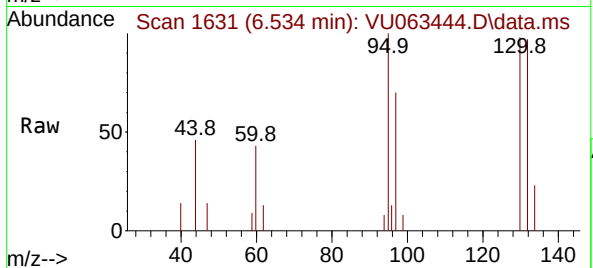
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:130 Resp: 3114

Ion Ratio Lower Upper

130 100

95 102.4 87.2 130.8



#38

1,2-Dichloropropane

Concen: 0.215 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.006 min

Lab File: VU063444.D

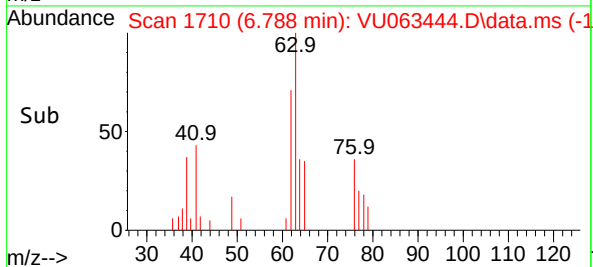
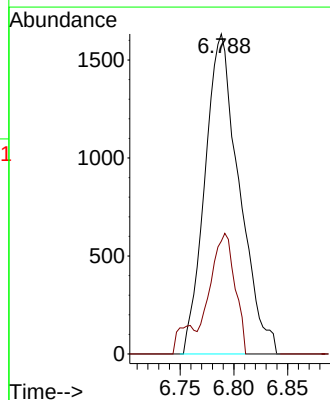
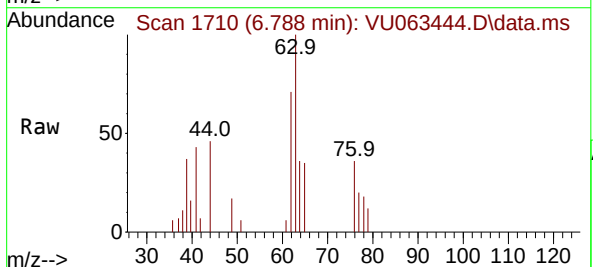
Acq: 24 Jun 2025 18:25

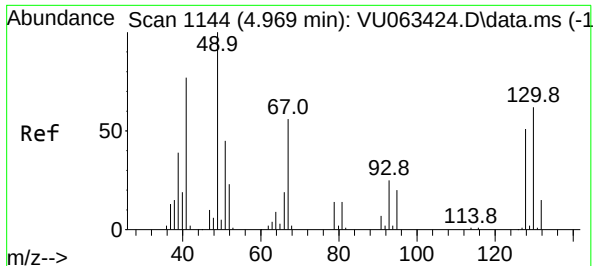
Tgt Ion: 63 Resp: 3618

Ion Ratio Lower Upper

63 100

65 35.3 25.0 37.6





#39

Methacrylonitrile

Concen: 0.115 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063444.D

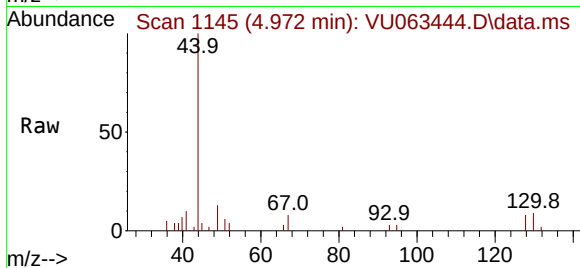
Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 41 Resp: 684

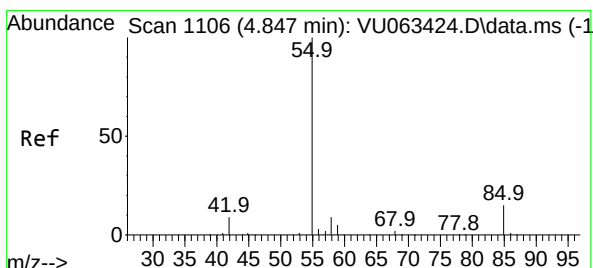
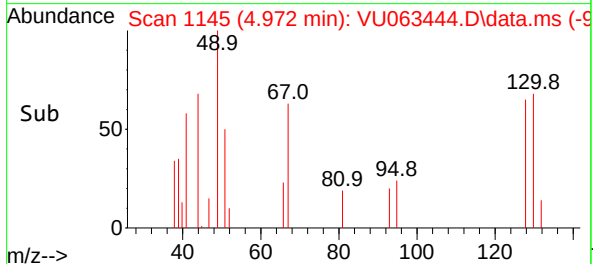
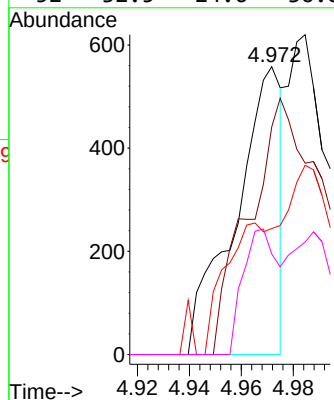
Ion Ratio Lower Upper

41 100

67 158.3 59.8 89.8#

39 39.9 40.7 61.1#

52 32.5 24.6 36.8



#40

Methyl acrylate

Concen: 0.122 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Tgt Ion: 55 Resp: 1016

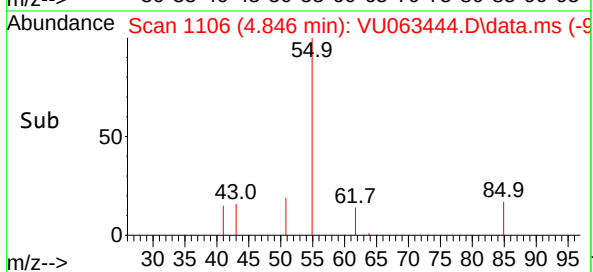
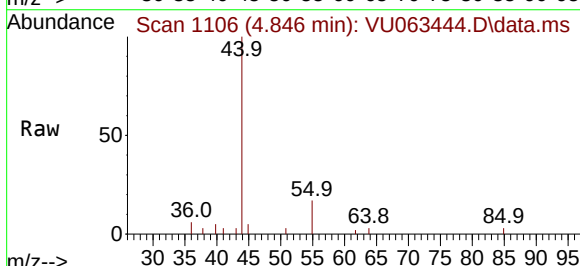
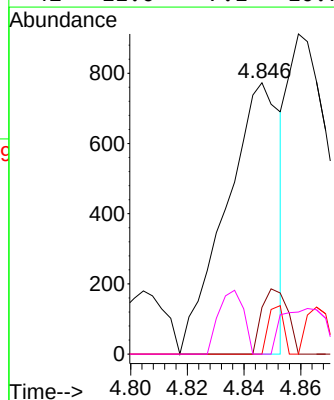
Ion Ratio Lower Upper

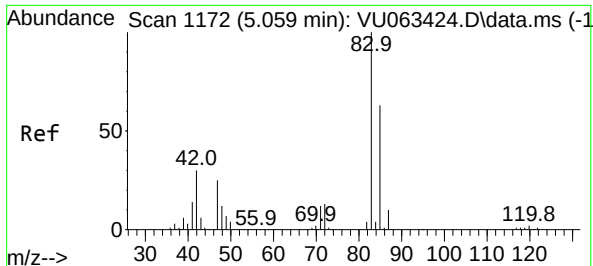
55 100

85 0.0 12.6 19.0#

58 5.0 6.9 10.3#

42 11.0 7.1 10.7#





#41

Tetrahydrofuran

Concen: 0.547 ug/l

RT: 5.065 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

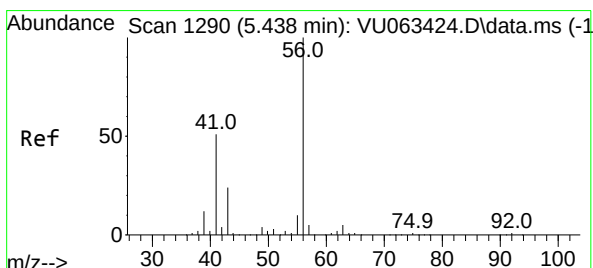
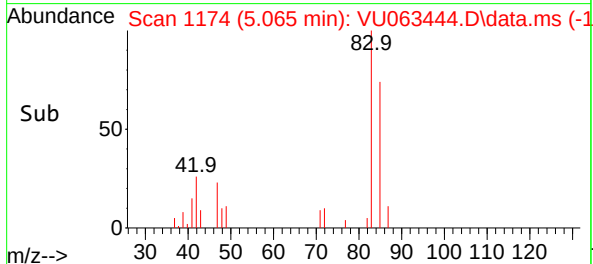
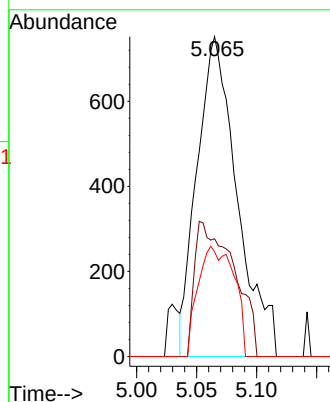
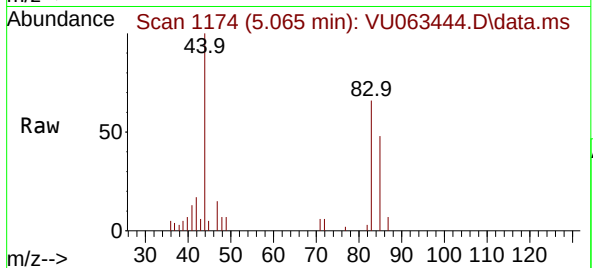
Tgt Ion: 42 Resp: 1749

Ion Ratio Lower Upper

42 100

72 41.5 35.4 53.2

71 30.8 31.4 47.0



#42

1-Chlorobutane

Concen: 0.187 ug/l

RT: 5.441 min Scan# 1291

Delta R.T. 0.003 min

Lab File: VU063444.D

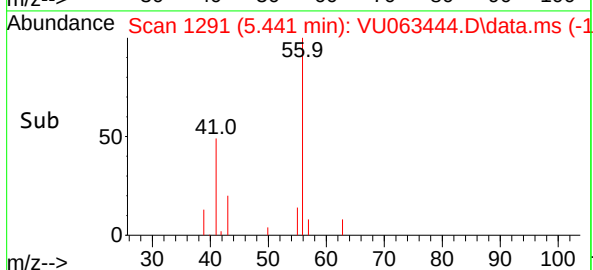
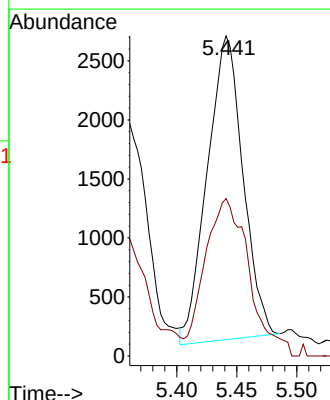
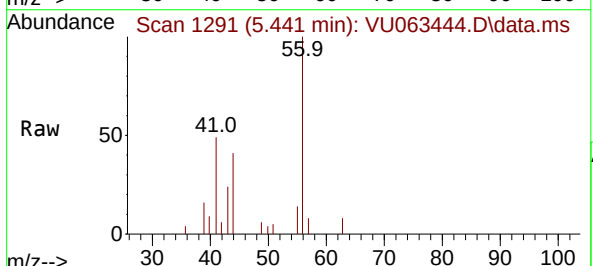
Acq: 24 Jun 2025 18:25

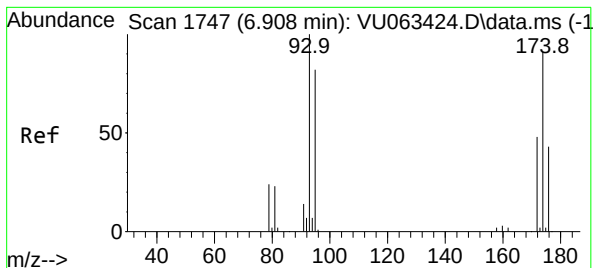
Tgt Ion: 56 Resp: 5329

Ion Ratio Lower Upper

56 100

41 64.0 26.4 79.0





#43

Dibromomethane

Concen: 0.181 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

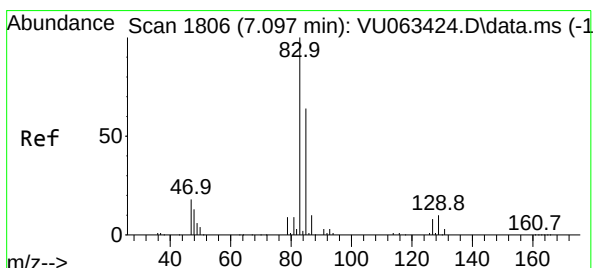
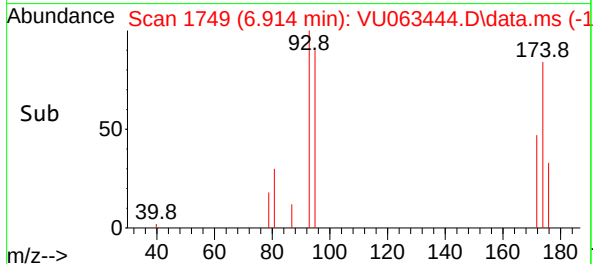
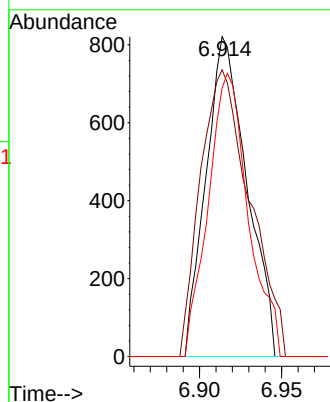
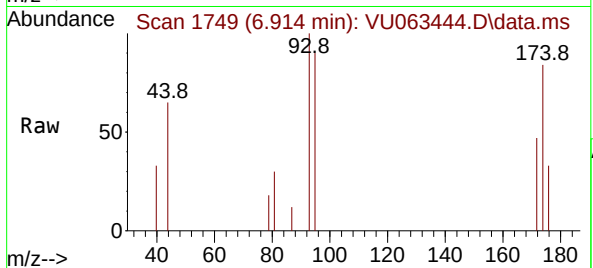
Tgt Ion: 93 Resp: 1422

Ion Ratio Lower Upper

93 100

95 108.0 66.7 100.1#

174 86.7 71.1 106.7



#44

Bromodichloromethane

Concen: 0.210 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

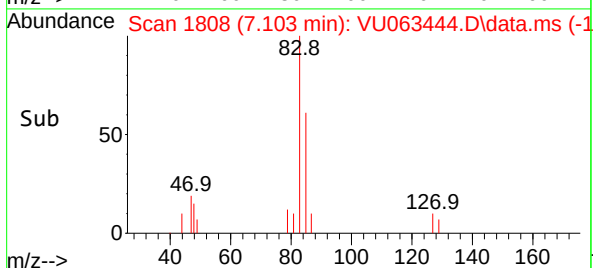
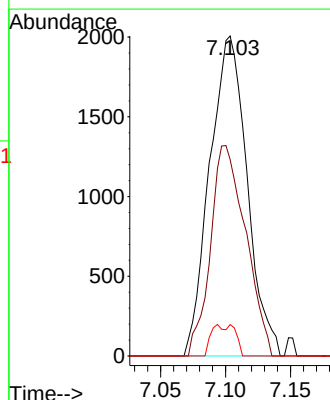
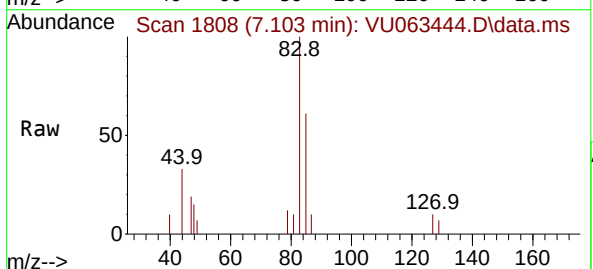
Tgt Ion: 83 Resp: 4020

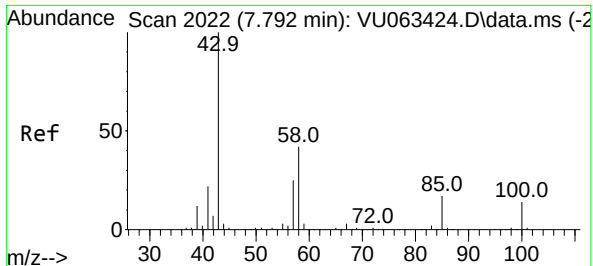
Ion Ratio Lower Upper

83 100

85 61.4 51.4 77.2

127 9.8 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 1.025 ug/l

RT: 7.804 min Scan# 2022

Delta R.T. 0.013 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

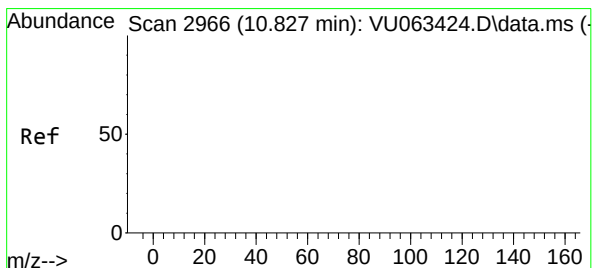
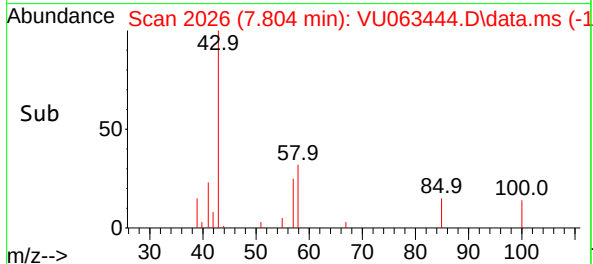
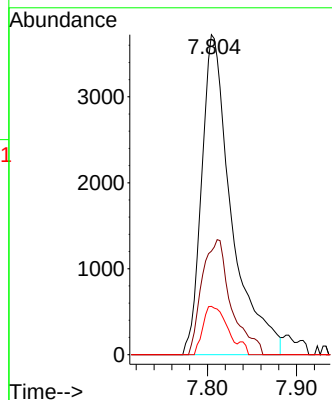
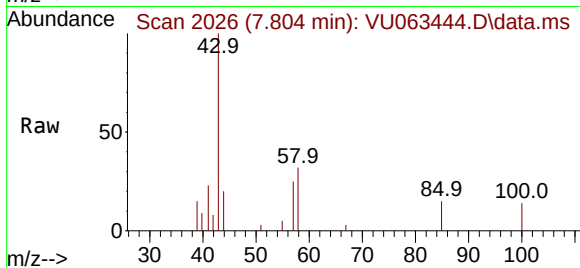
Tgt Ion: 43 Resp: 8638

Ion Ratio Lower Upper

43 100

58 35.1 20.5 61.6

85 11.9 14.2 21.2#



#46

t-1,4-Dichloro-2-butene

Concen: 1.310 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Tgt Ion: 75 Resp: 3628

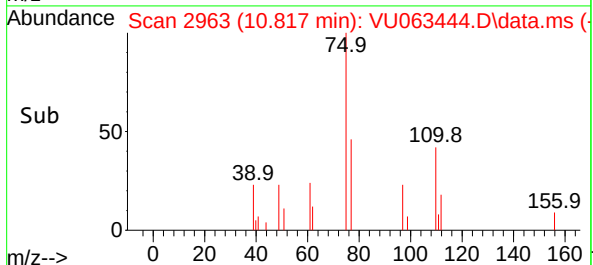
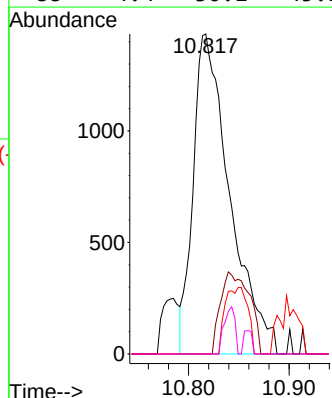
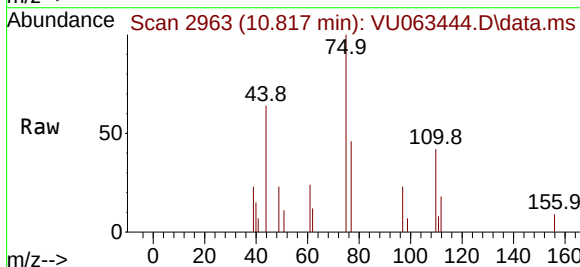
Ion Ratio Lower Upper

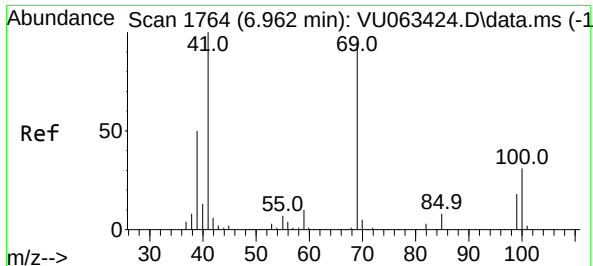
75 100

53 20.2 61.4 92.2#

89 12.8 39.2 58.8#

88 4.4 30.1 45.1#





#47

Methyl methacrylate

Concen: 0.295 ug/l

RT: 6.984 min Scan# 1771

Delta R.T. 0.022 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 69 Resp: 1791

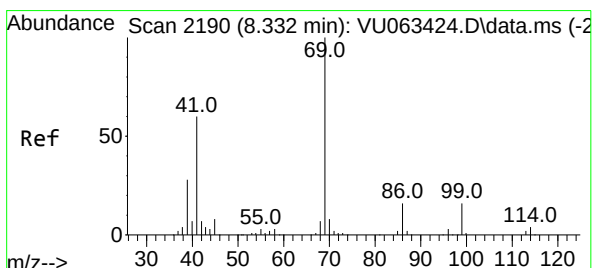
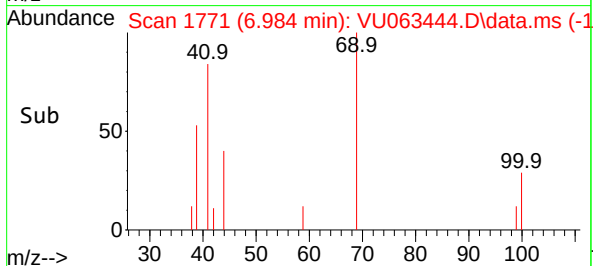
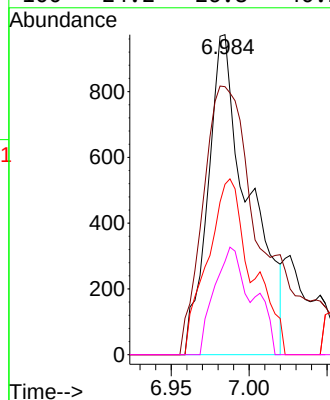
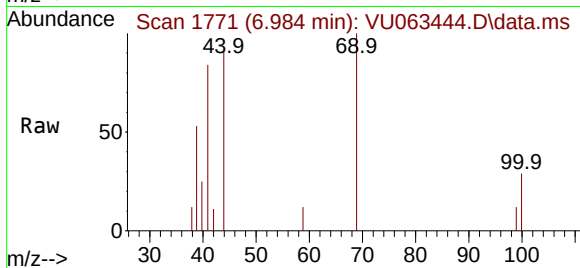
Ion Ratio Lower Upper

69 100

41 124.6 0.0 212.6

39 59.1 40.6 61.0

100 24.2 26.8 40.2#



#48

Ethyl methacrylate

Concen: 0.163 ug/l

RT: 8.345 min Scan# 2194

Delta R.T. 0.013 min

Lab File: VU063444.D

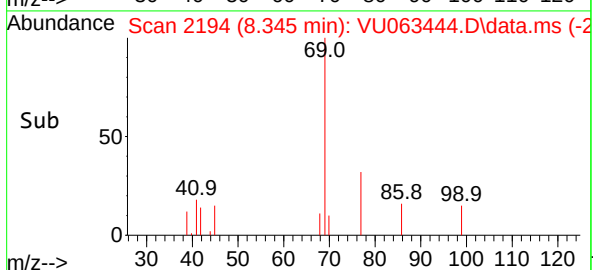
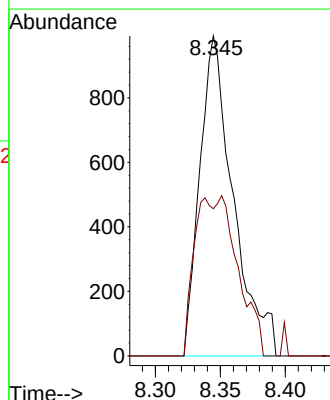
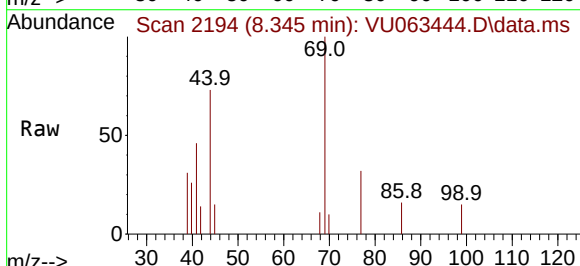
Acq: 24 Jun 2025 18:25

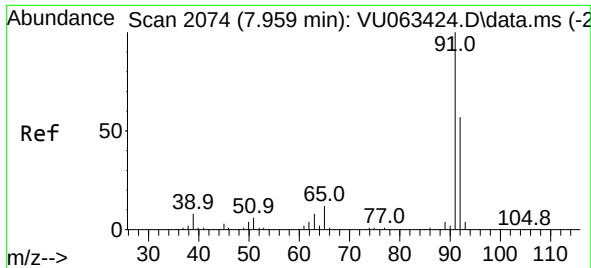
Tgt Ion: 69 Resp: 1779

Ion Ratio Lower Upper

69 100

41 30.1 30.6 92.0#





#49

Toluene

Concen: 0.176 ug/l

RT: 7.968 min Scan# 2074

Delta R.T. 0.009 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

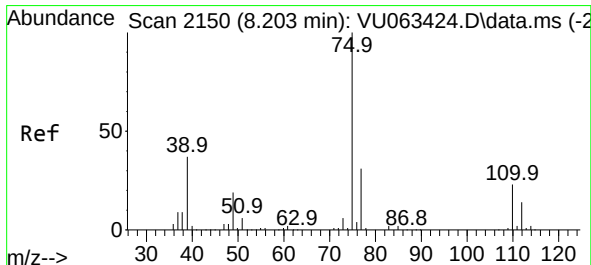
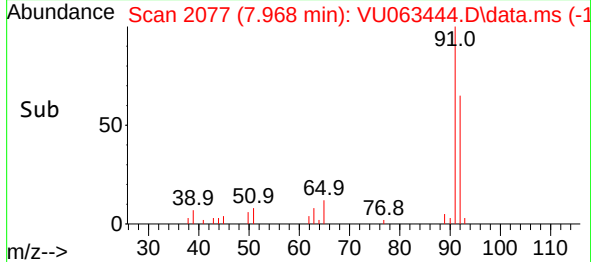
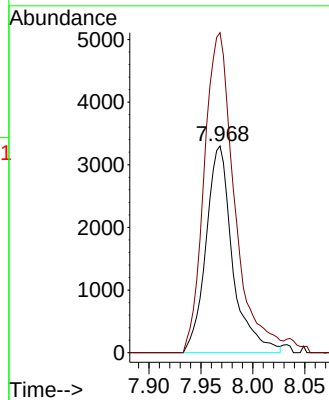
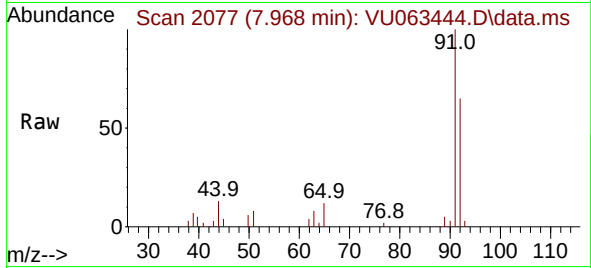
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 92 Resp: 5886

Ion Ratio Lower Upper

92 100

91 176.4 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 0.177 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.010 min

Lab File: VU063444.D

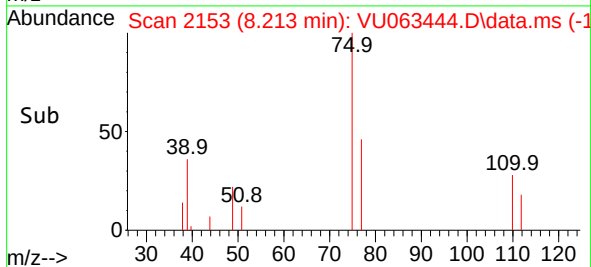
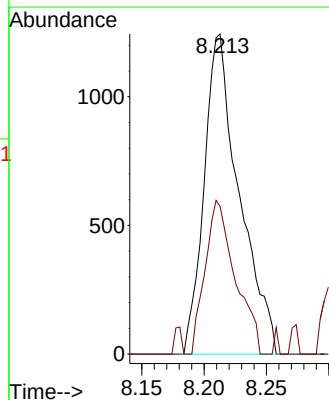
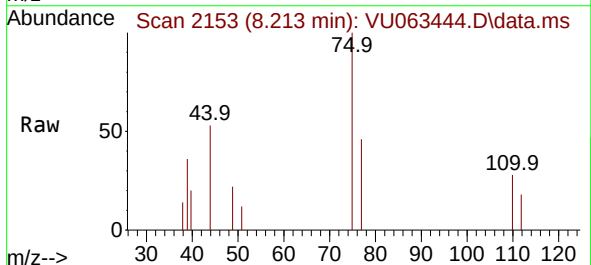
Acq: 24 Jun 2025 18:25

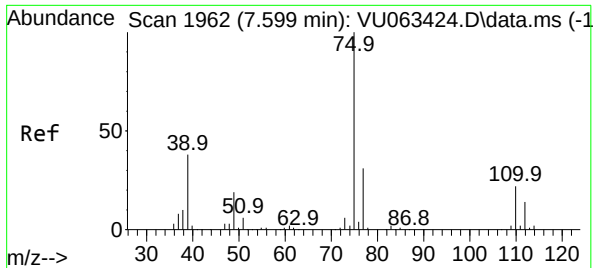
Tgt Ion: 75 Resp: 2435

Ion Ratio Lower Upper

75 100

77 46.1 24.5 36.7#

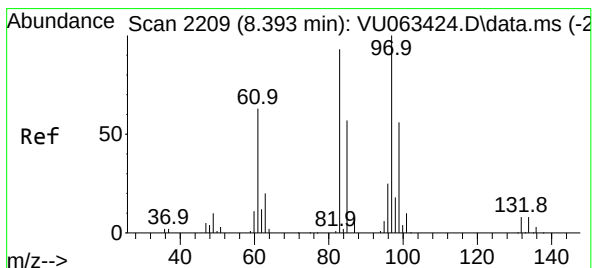
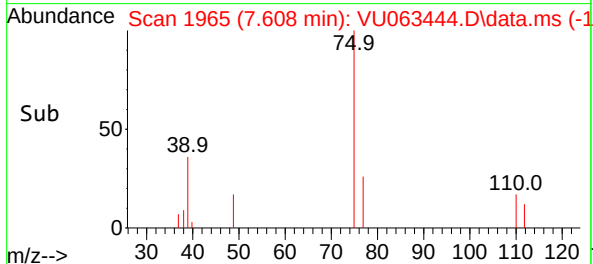
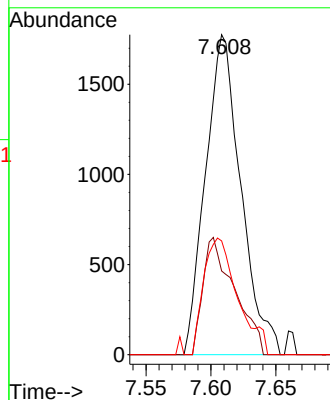
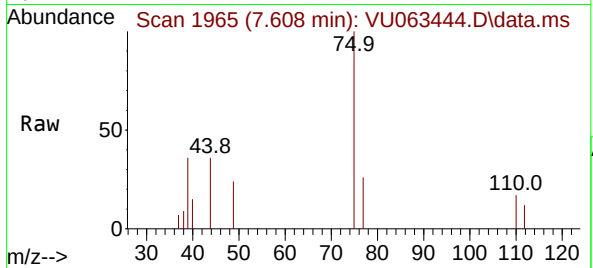




#51
 cis-1,3-Dichloropropene
 Concen: 0.181 ug/l
 RT: 7.608 min Scan# 1965
 Delta R.T. 0.009 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

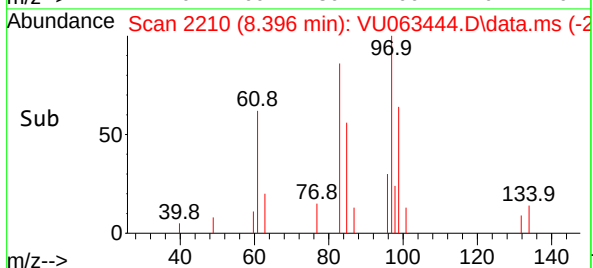
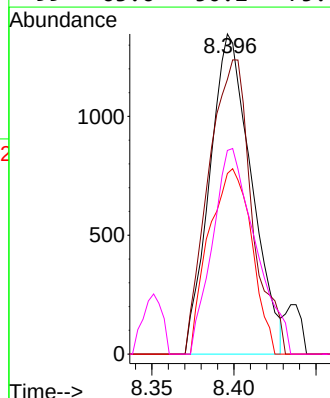
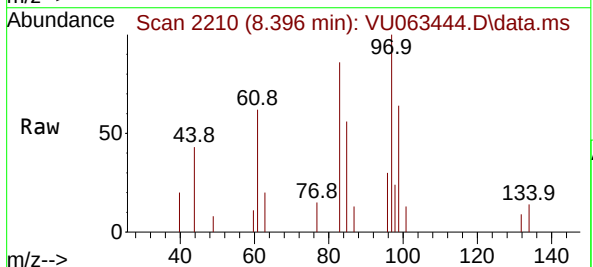
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025

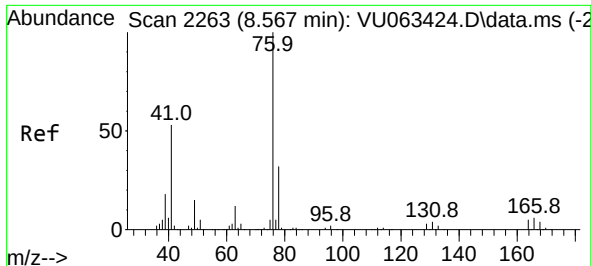
Tgt Ion:	75	Resp:	3359
Ion	Ratio	Lower	Upper
75	100		
77	26.1	24.8	37.2
39	35.5	30.7	46.1



#52
 1,1,2-Trichloroethane
 Concen: 0.207 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

Tgt Ion:	97	Resp:	2378
Ion	Ratio	Lower	Upper
97	100		
83	85.8	74.1	111.1
85	56.4	45.8	68.8
99	63.6	50.2	75.4





#53

1,3-Dichloropropane

Concen: 0.209 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

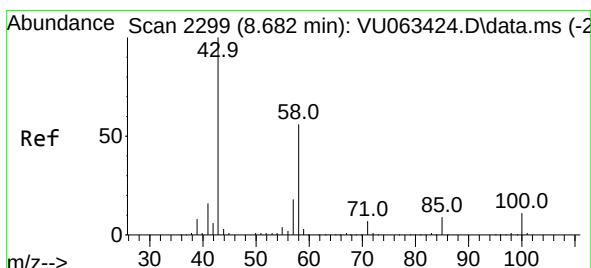
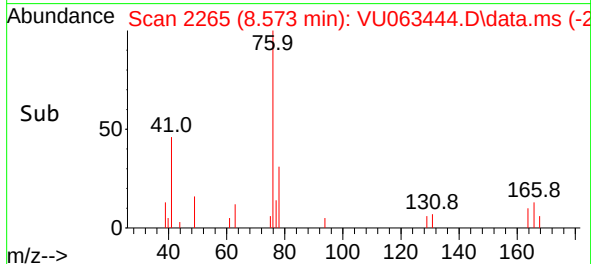
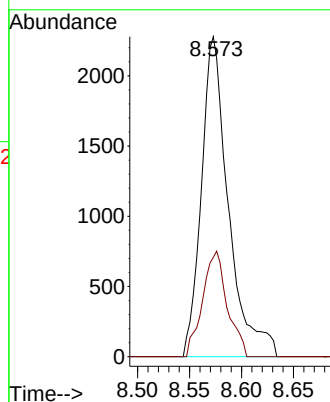
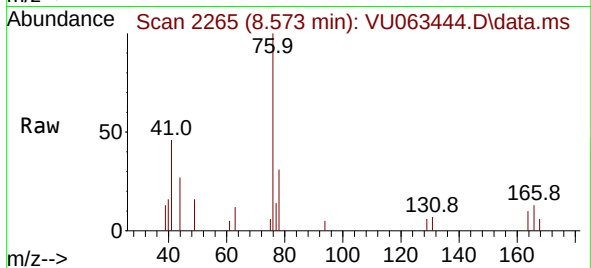
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 4117

Ion Ratio Lower Upper

76 100

78 30.1 25.7 38.5



#54

2-Hexanone

Concen: 1.054 ug/l

RT: 8.701 min Scan# 2305

Delta R.T. 0.019 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

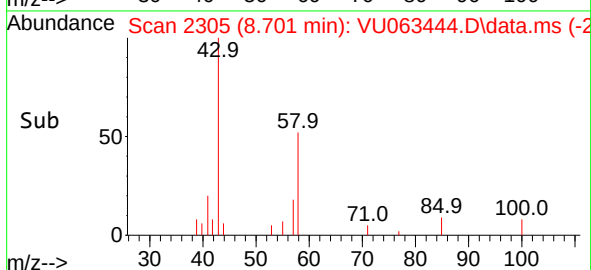
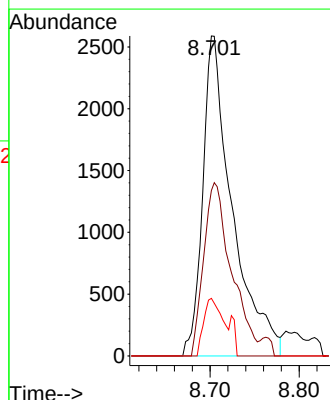
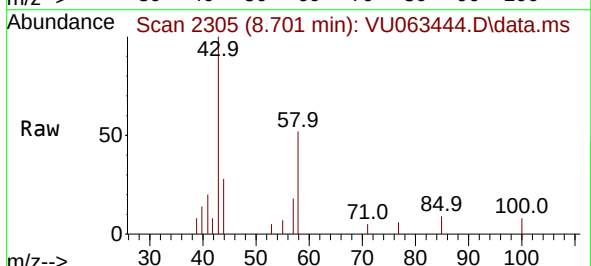
Tgt Ion: 43 Resp: 5960

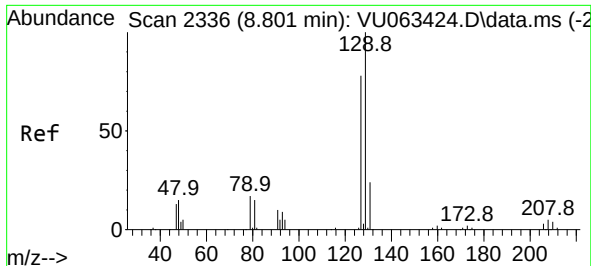
Ion Ratio Lower Upper

43 100

58 50.7 36.9 76.9

57 11.5 0.0 38.8

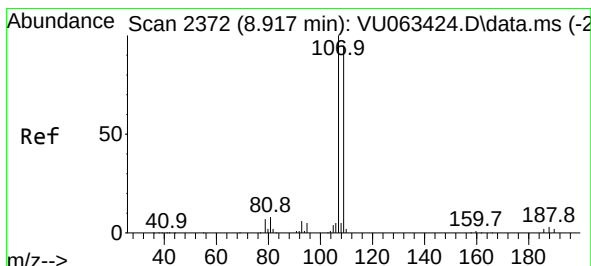
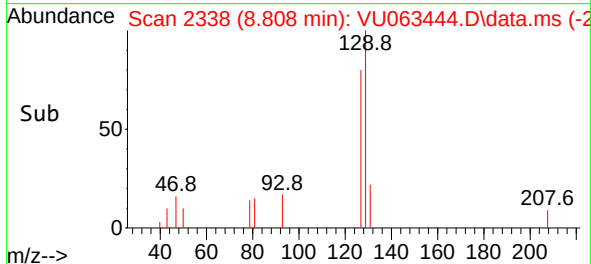
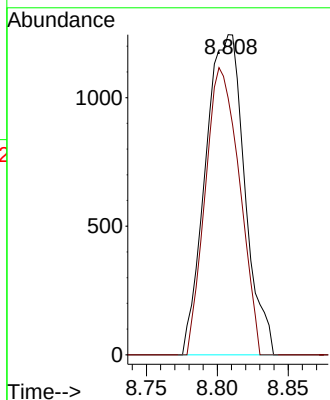
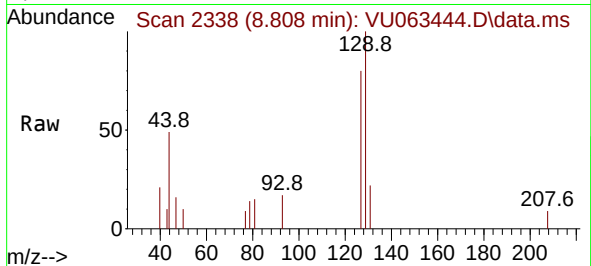




#55
Dibromochloromethane
Concen: 0.202 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

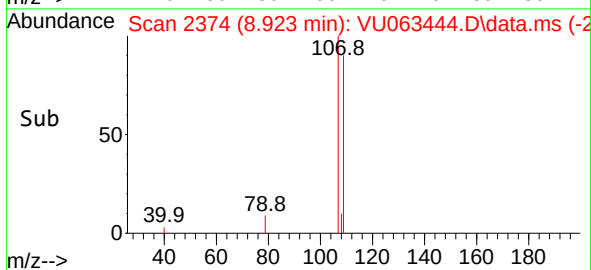
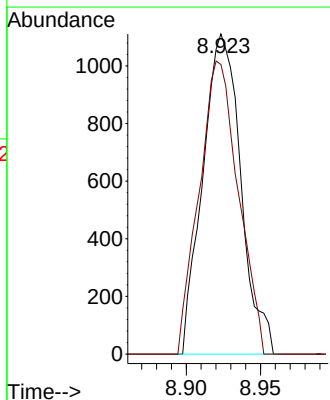
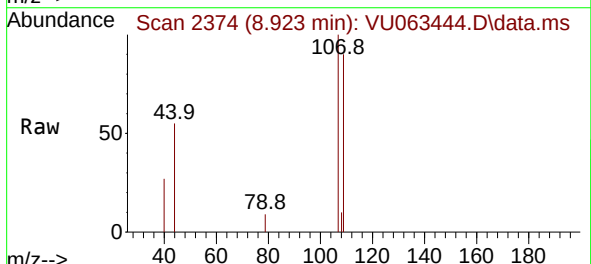
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

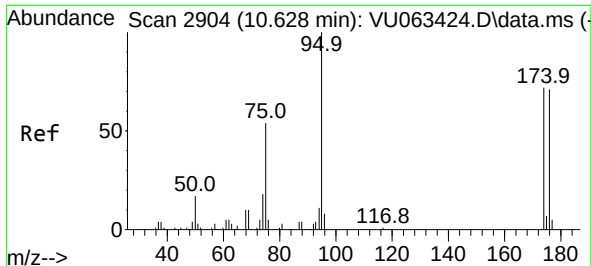
Tgt Ion:129 Resp: 2390
Ion Ratio Lower Upper
129 100
127 78.2 62.6 93.8



#56
1,2-Dibromoethane
Concen: 0.213 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.006 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion:107 Resp: 1977
Ion Ratio Lower Upper
107 100
109 94.5 0.0 188.0

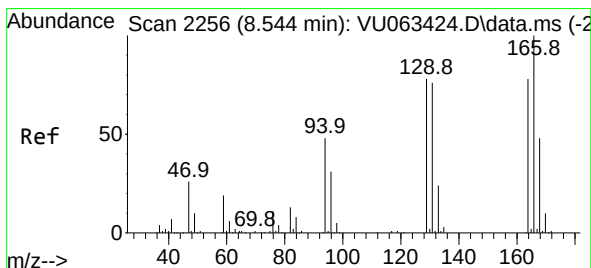
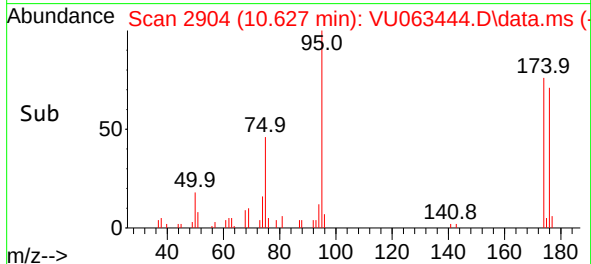
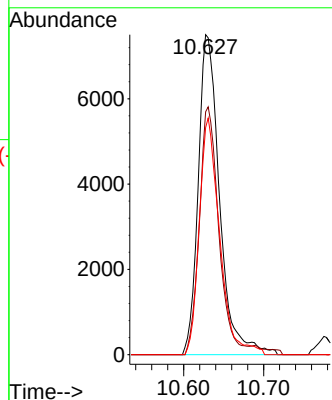
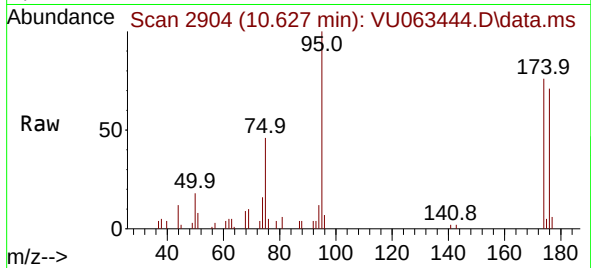




#57
4-Bromofluorobenzene
Concen: 0.814 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

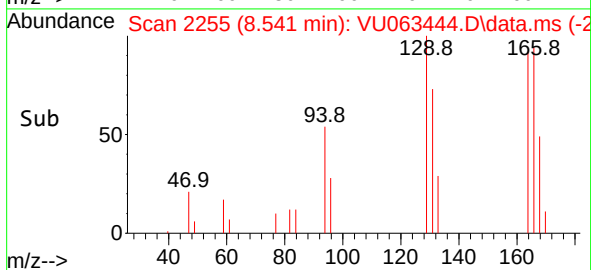
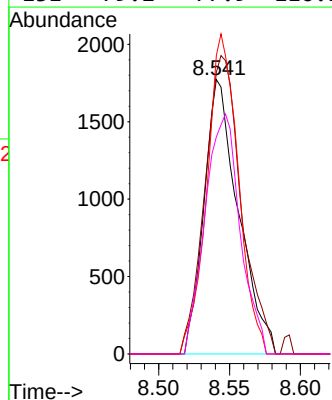
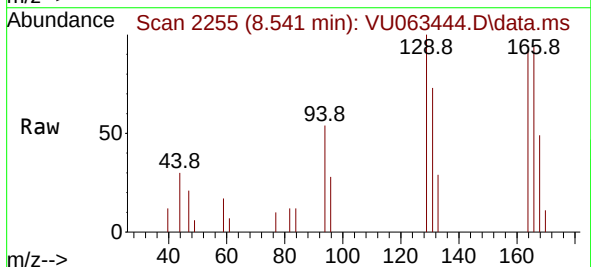
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

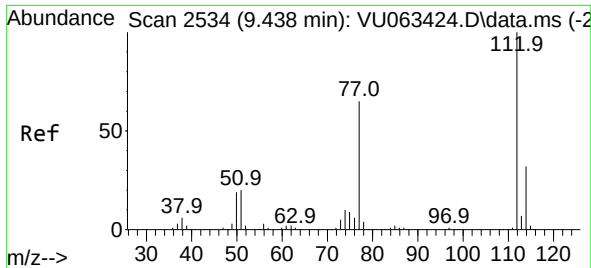
Tgt Ion: 95 Resp: 13946
Ion Ratio Lower Upper
95 100
174 70.6 59.4 89.2
176 70.6 57.8 86.6



#58
Tetrachloroethene
Concen: 0.212 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion: 164 Resp: 2994
Ion Ratio Lower Upper
164 100
166 102.7 102.8 154.2#
129 108.9 80.2 120.2
131 79.2 77.9 116.9

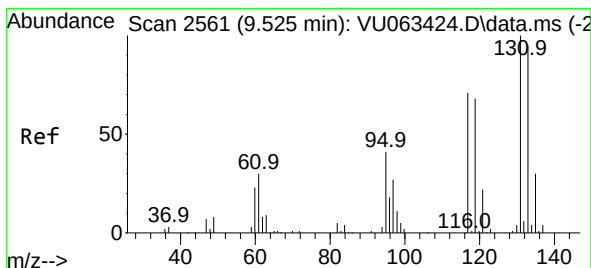
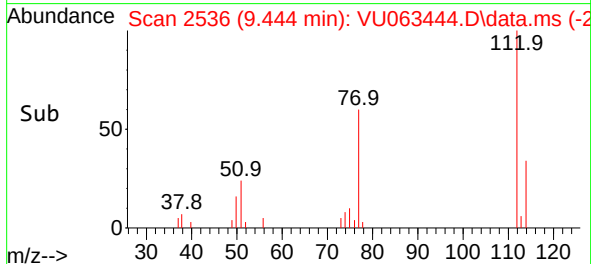
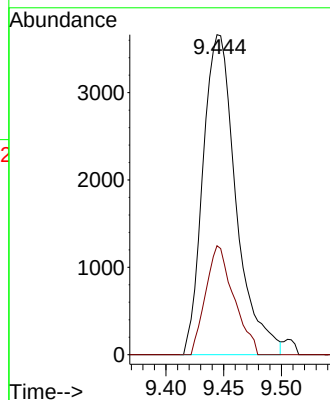
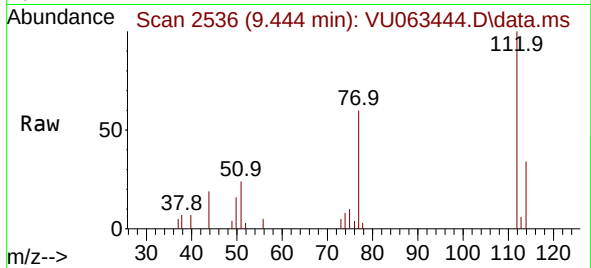




#59
Chlorobenzene
Concen: 0.204 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

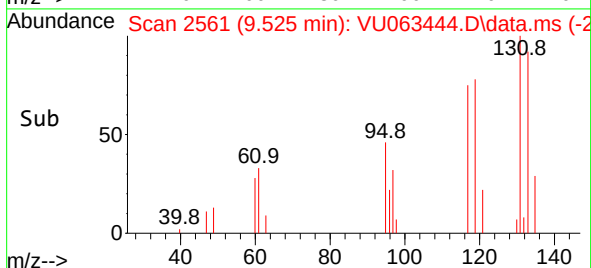
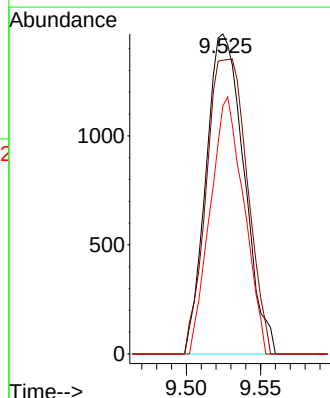
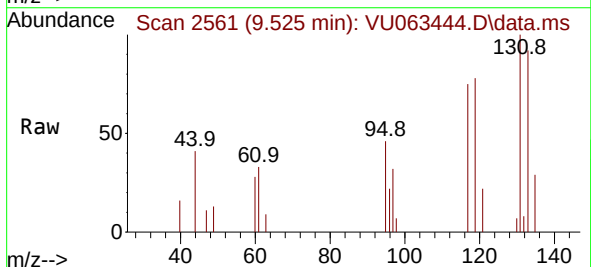
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

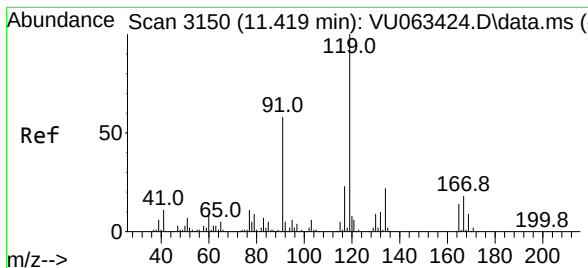
Tgt Ion:112 Resp: 7300
Ion Ratio Lower Upper
112 100
114 34.0 25.7 38.5



#60
1,1,1,2-Tetrachloroethane
Concen: 0.202 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion:131 Resp: 2604
Ion Ratio Lower Upper
131 100
133 99.4 76.1 114.1
119 71.2 53.7 80.5

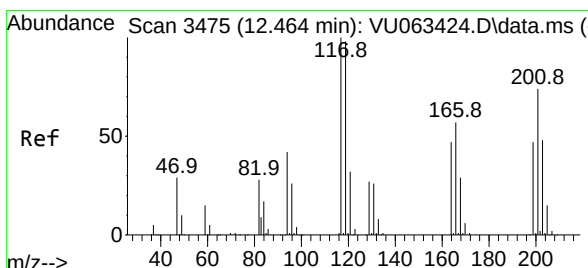
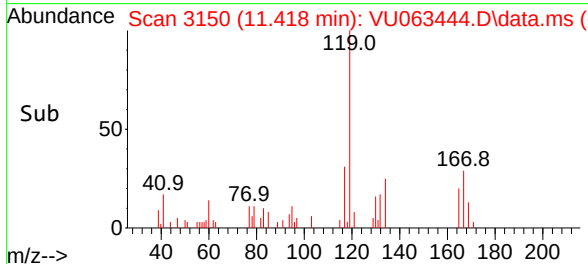
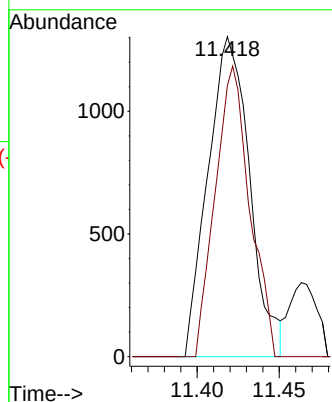
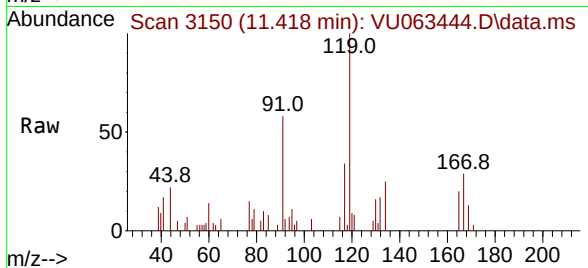




#61
 Pentachloroethane
 Concen: 0.220 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.001 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

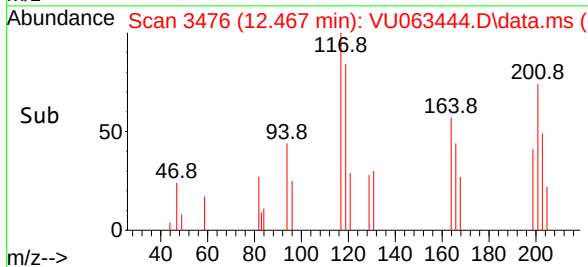
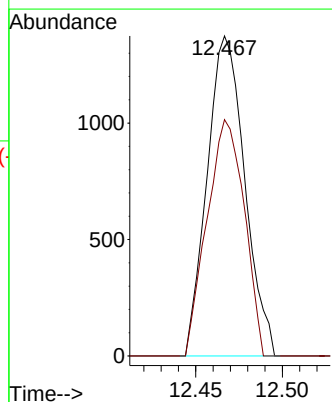
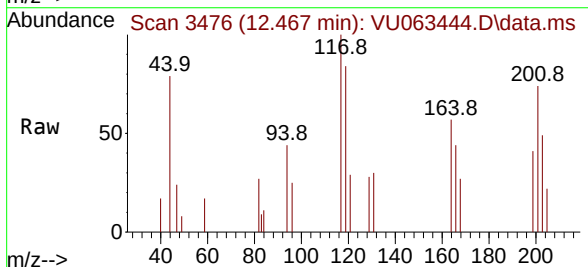
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

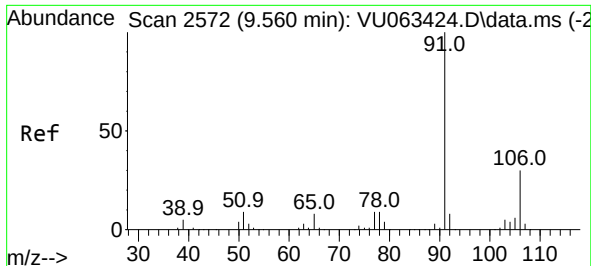
Tgt Ion:117 Resp: 2303
 Ion Ratio Lower Upper
 117 100
 167 75.2 58.1 87.1



#62
 Hexachloroethane
 Concen: 0.220 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

Tgt Ion:117 Resp: 2075
 Ion Ratio Lower Upper
 117 100
 201 73.1 60.4 90.6





#63

Ethyl Benzene

Concen: 0.177 ug/l

RT: 9.566 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

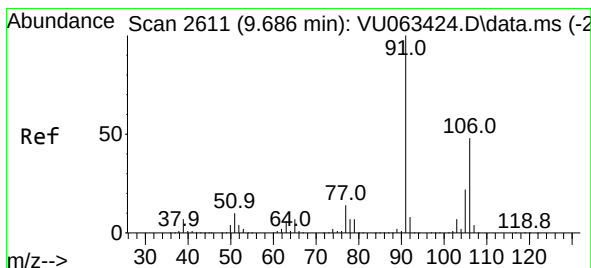
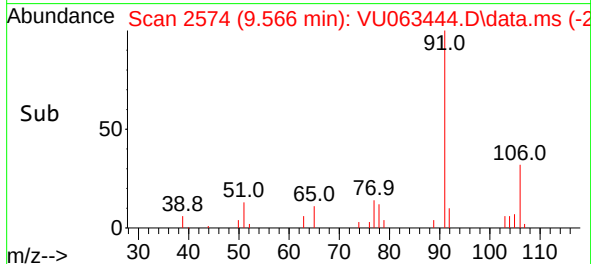
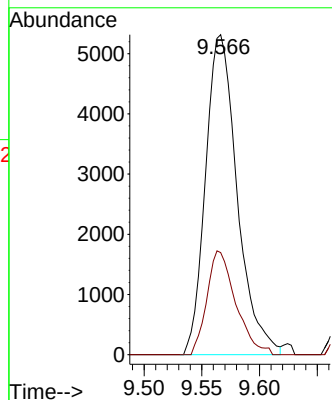
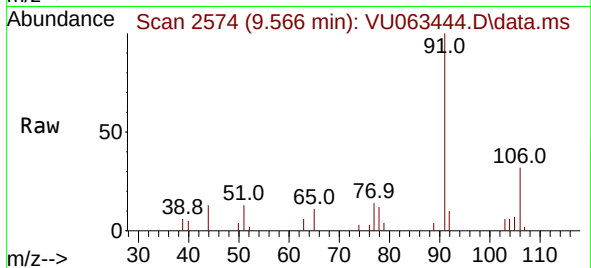
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 10142

Ion Ratio Lower Upper

91 100

106 31.9 24.2 36.2



#64

m/p-Xylenes

Concen: 0.332 ug/l

RT: 9.689 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU063444.D

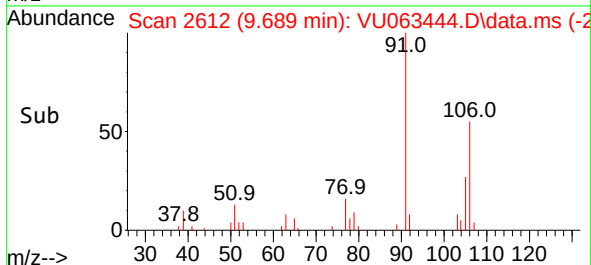
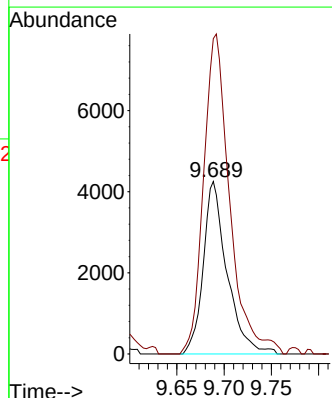
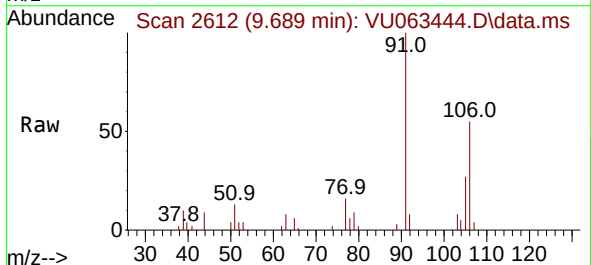
Acq: 24 Jun 2025 18:25

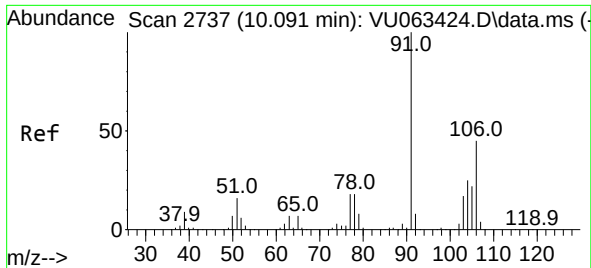
Tgt Ion: 106 Resp: 7425

Ion Ratio Lower Upper

106 100

91 203.8 169.9 254.9

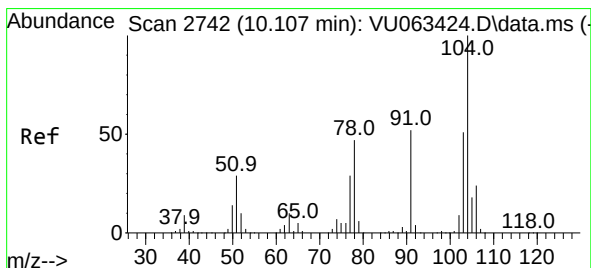
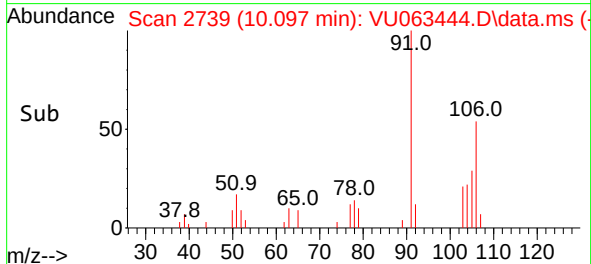
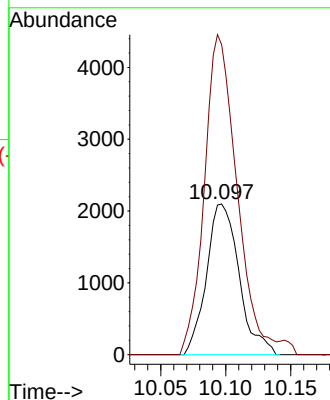
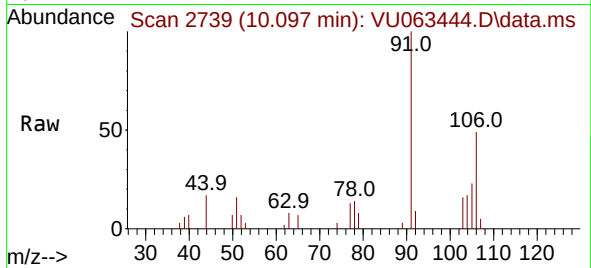




#65
o-Xylene
Concen: 0.168 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

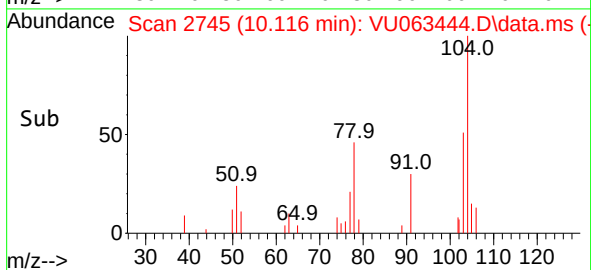
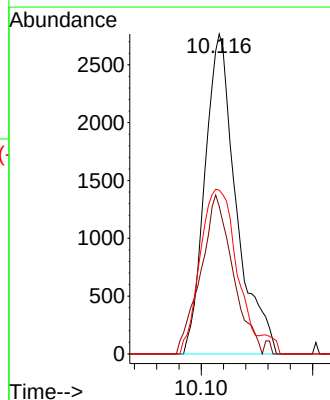
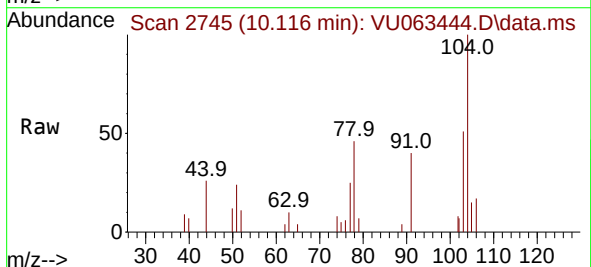
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

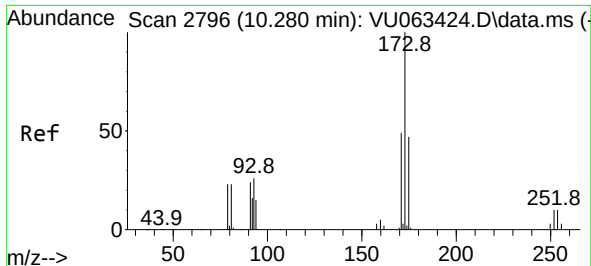
Tgt Ion:106 Resp: 3664
Ion Ratio Lower Upper
106 100
91 214.5 110.8 332.3



#66
Styrene
Concen: 0.152 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.009 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion:104 Resp: 5386
Ion Ratio Lower Upper
104 100
78 51.2 41.6 62.4
103 60.1 44.6 67.0

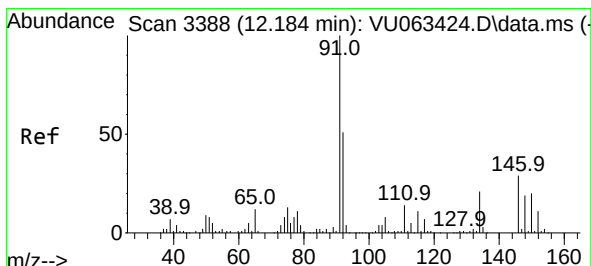
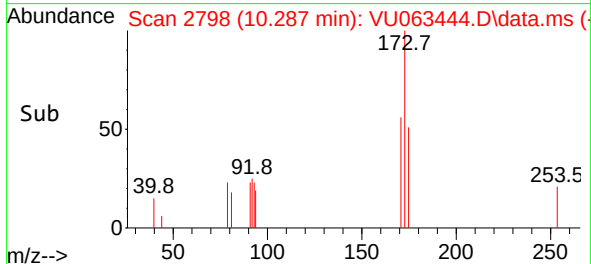
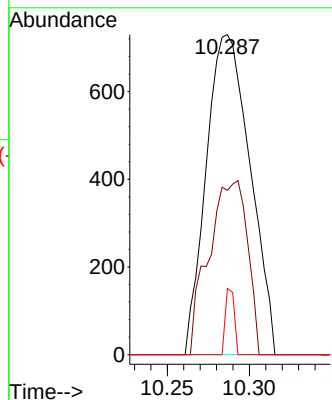
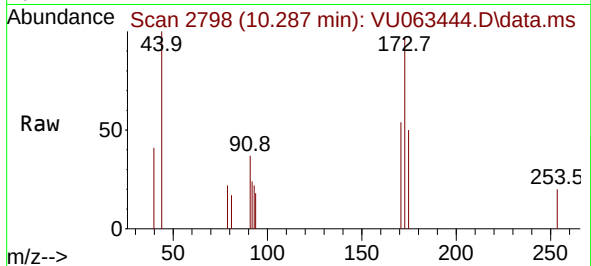




#67
Bromoform
Concen: 0.209 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

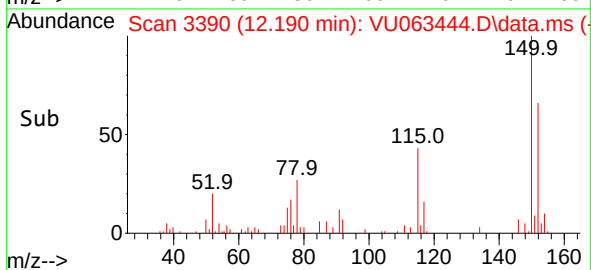
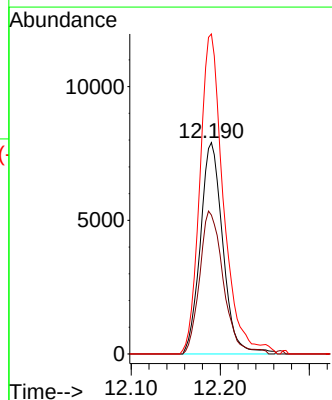
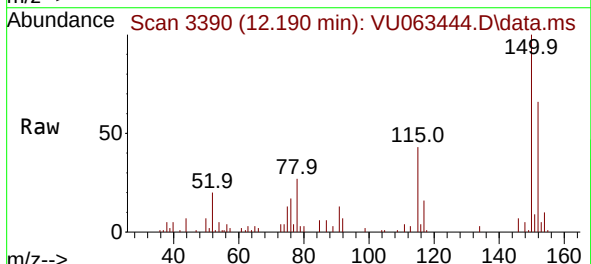
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

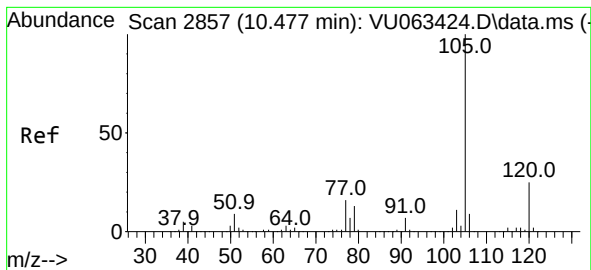
Tgt Ion:173 Resp: 1354
Ion Ratio Lower Upper
173 100
175 48.0 38.2 57.2
254 4.1 7.6 11.4#



#68
1,2-Dichlorobenzene-d4
Concen: 0.804 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.006 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion:152 Resp: 13843
Ion Ratio Lower Upper
152 100
115 71.4 0.0 327.6
150 159.3 0.0 664.4





#69

Isopropylbenzene

Concen: 0.172 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.001 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

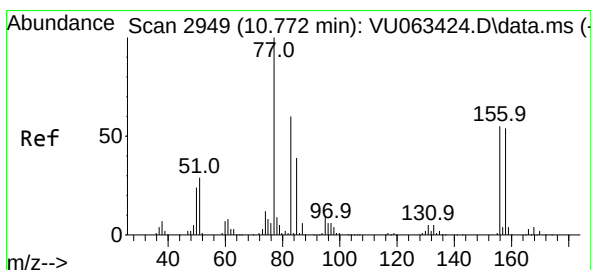
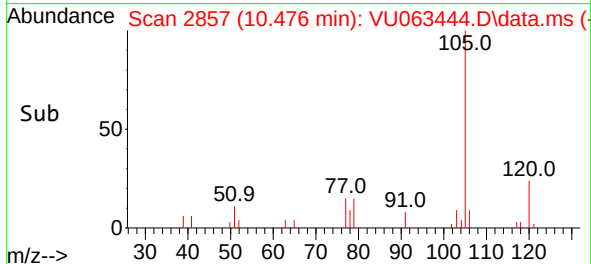
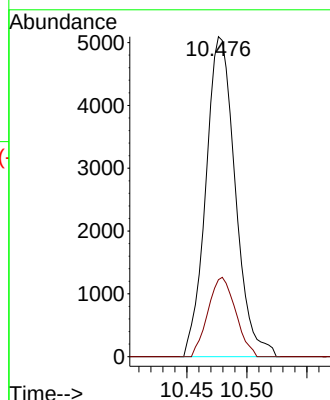
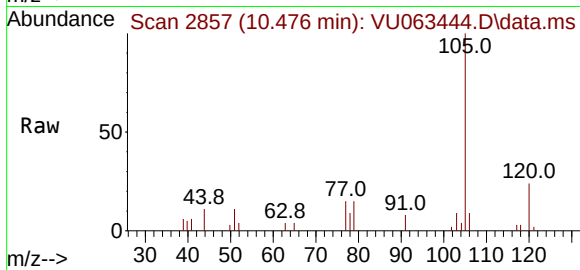
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 8681

Ion Ratio Lower Upper

105 100

120 23.3 12.7 38.1



#70

1,1,2,2-Tetrachloroethane

Concen: 0.238 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.007 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

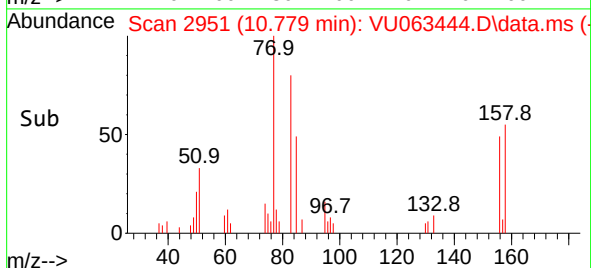
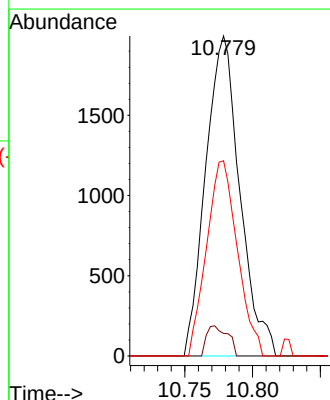
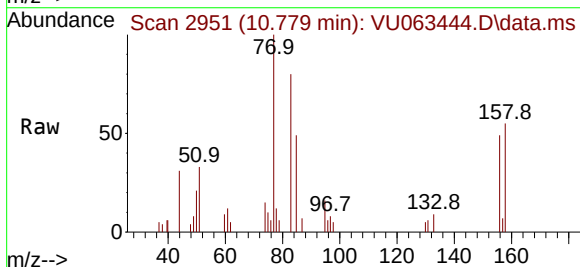
Tgt Ion: 83 Resp: 3494

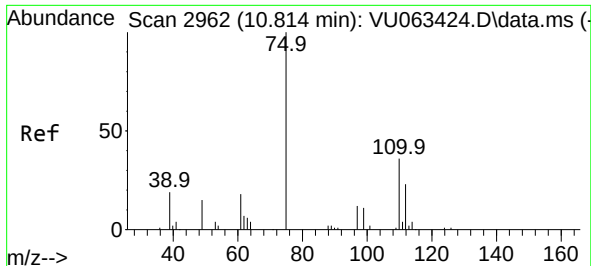
Ion Ratio Lower Upper

83 100

131 5.8 7.4 11.0#

85 55.1 51.3 76.9

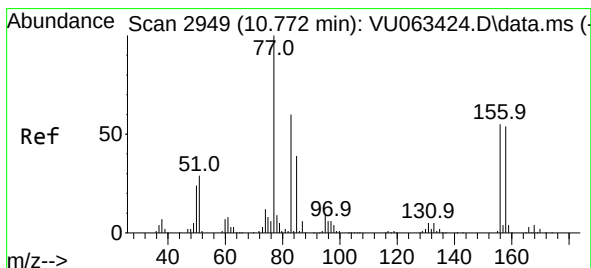
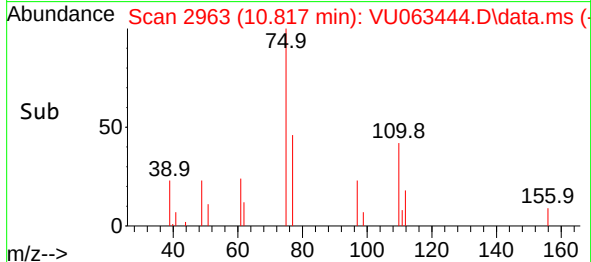
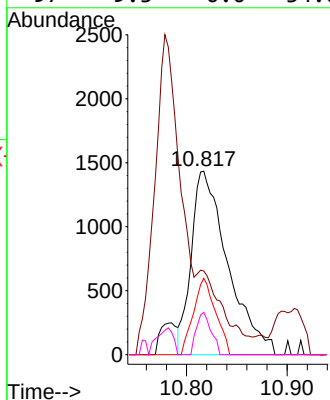
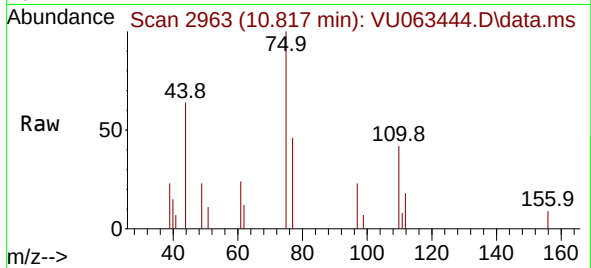




#71
1,2,3-Trichloropropane
Concen: 0.303 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

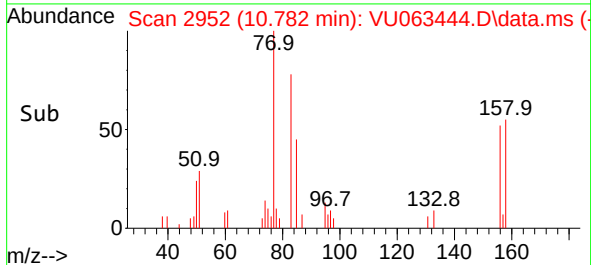
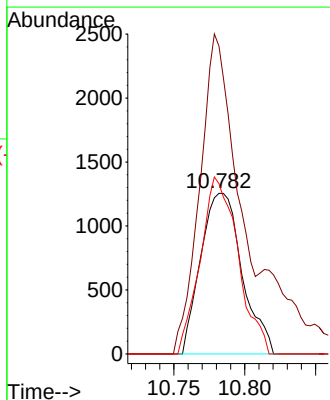
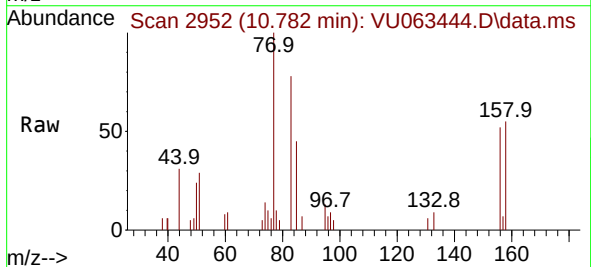
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

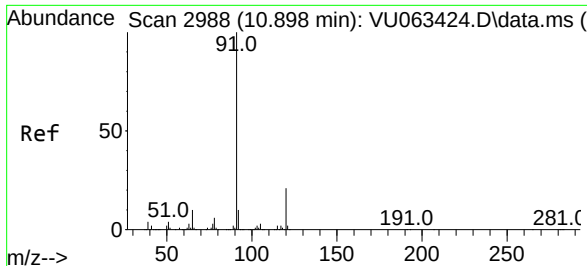
Tgt Ion: 75	Resp:	3628
Ion Ratio	Lower	Upper
75	100	
77	0.0	0.0
110	25.0	63.4
97	9.3	34.0



#72
Bromobenzene
Concen: 0.180 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion: 156	Resp:	2548
Ion Ratio	Lower	Upper
156	100	
77	180.2	416.2
158	100.3	190.6

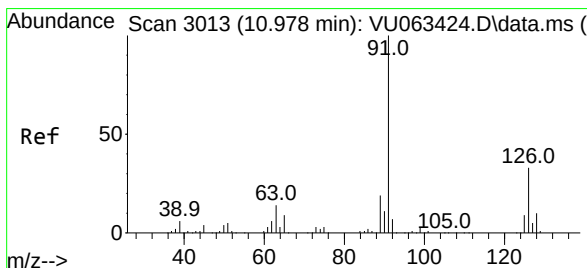
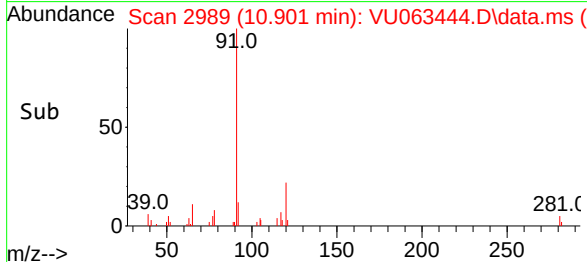
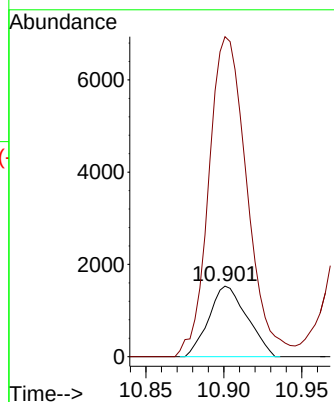
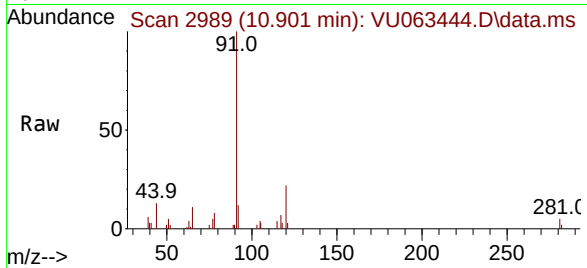




#73
n-propylbenzene
Concen: 0.170 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

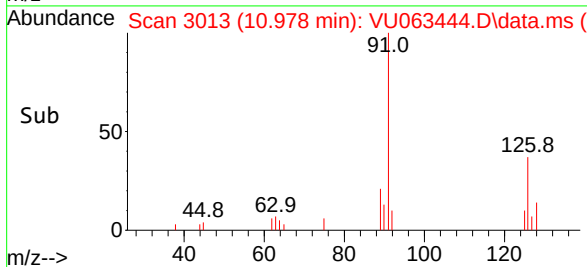
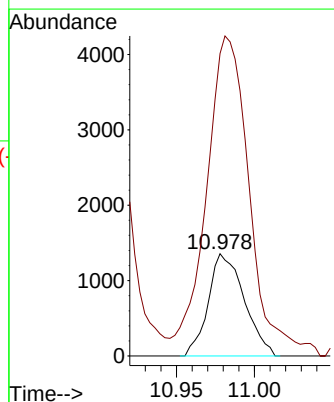
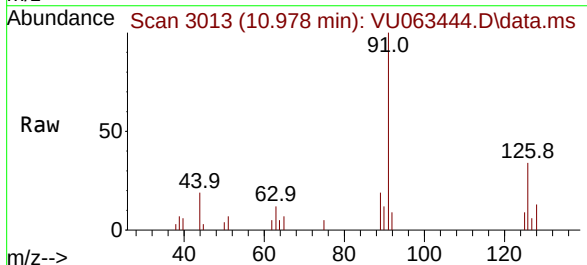
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

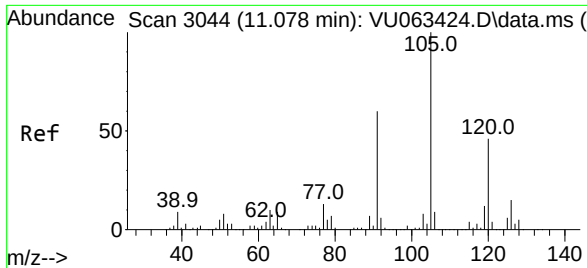
Tgt Ion:120 Resp: 2604
Ion Ratio Lower Upper
120 100
91 453.6 373.7 560.5



#74
2-Chlorotoluene
Concen: 0.155 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion:126 Resp: 2172
Ion Ratio Lower Upper
126 100
91 375.7 0.0 650.8

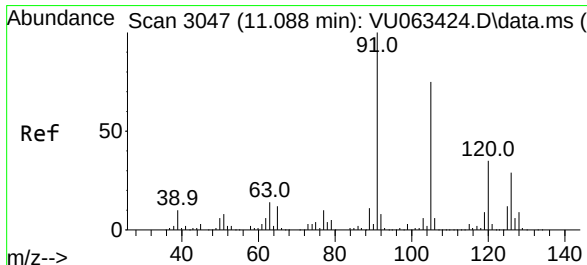
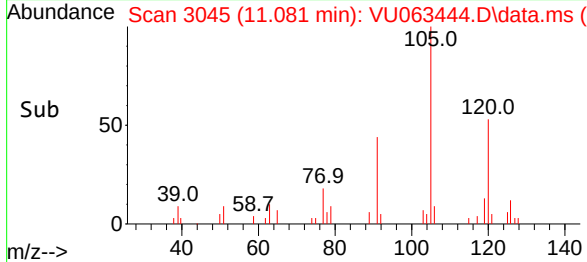
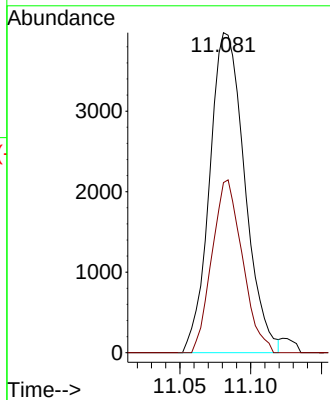
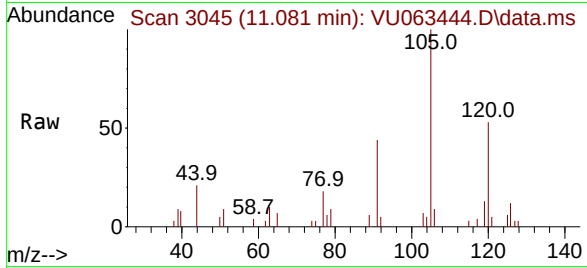




#75
1,3,5-Trimethylbenzene
Concen: 0.140 ug/l
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

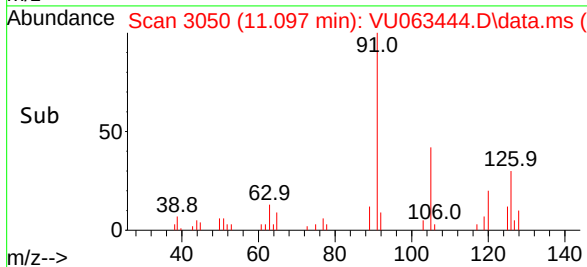
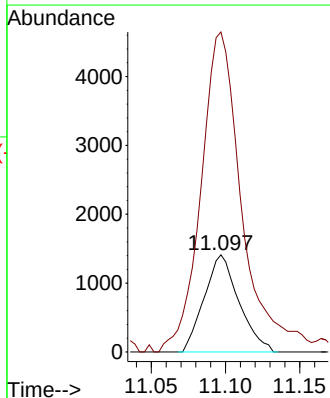
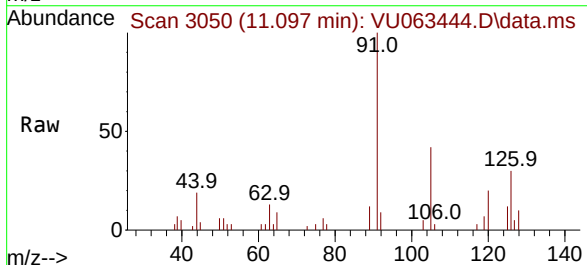
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

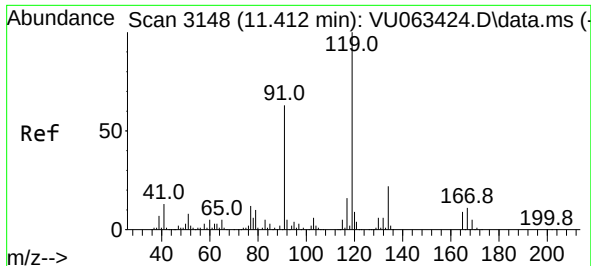
Tgt Ion:105 Resp: 6860
Ion Ratio Lower Upper
105 100
120 46.8 37.0 55.4



#76
4-Chlorotoluene
Concen: 0.157 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.009 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion:126 Resp: 2301
Ion Ratio Lower Upper
126 100
91 387.9 0.0 713.2

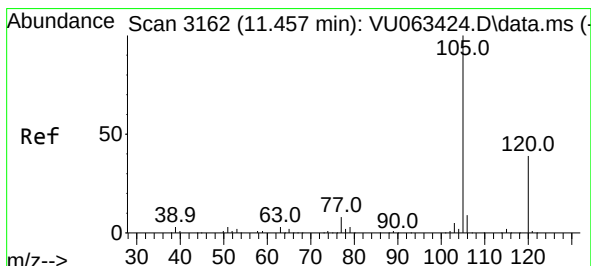
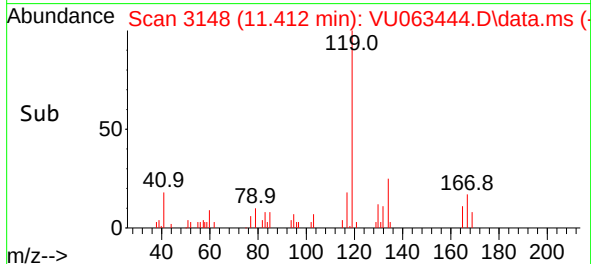
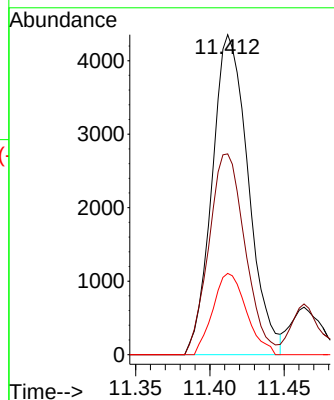
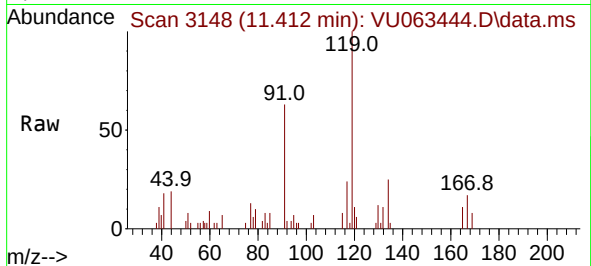




#77
tert-Butylbenzene
Concen: 0.159 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

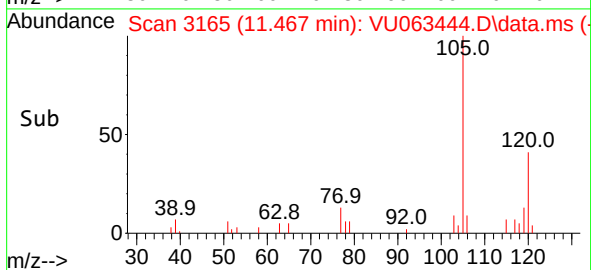
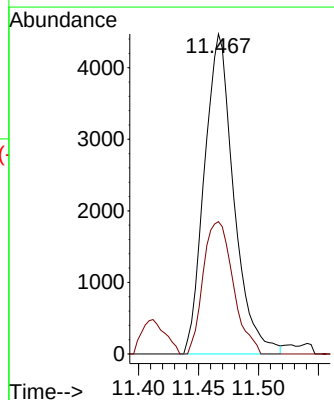
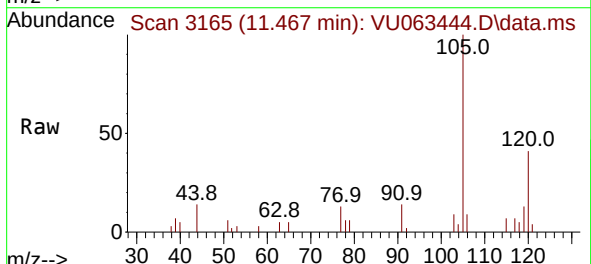
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

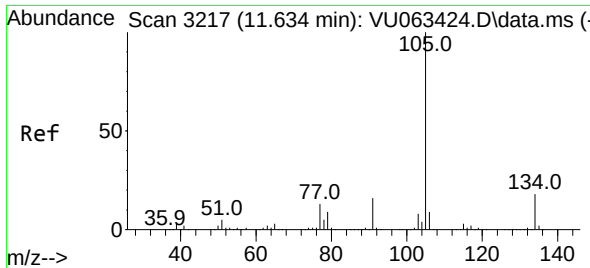
Tgt Ion:	119	Resp:	7385
Ion	Ratio	Lower	Upper
119	100		
91	62.6	30.9	92.7
134	23.4	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.154 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.010 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion:	105	Resp:	7633
Ion	Ratio	Lower	Upper
105	100		
120	42.1	22.1	66.5

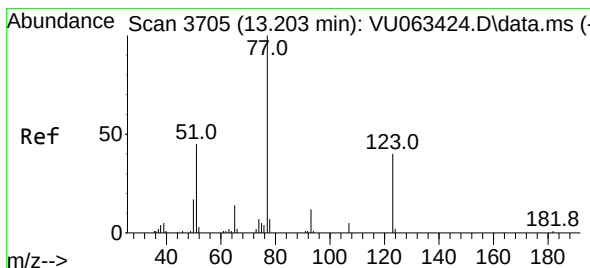
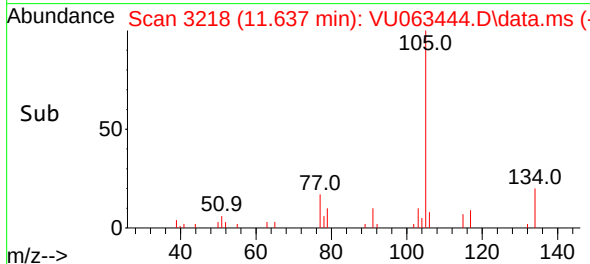
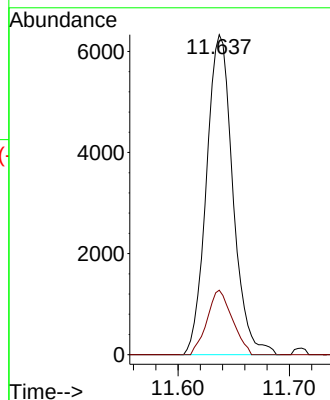
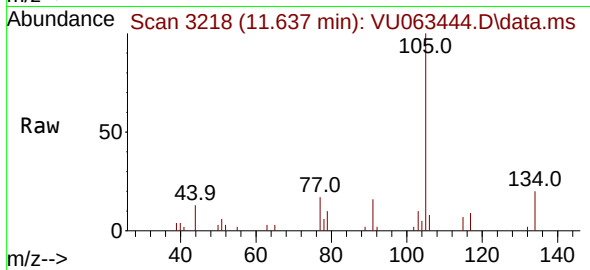




#79
 sec-Butylbenzene
 Concen: 0.159 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

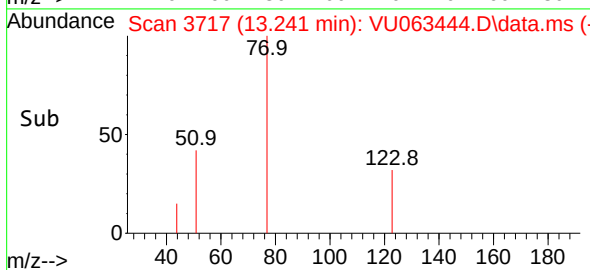
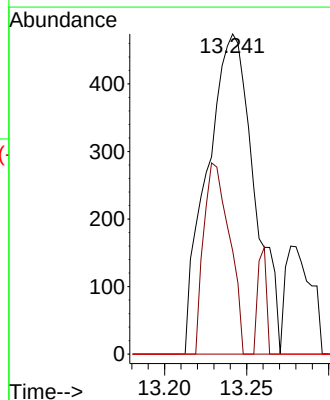
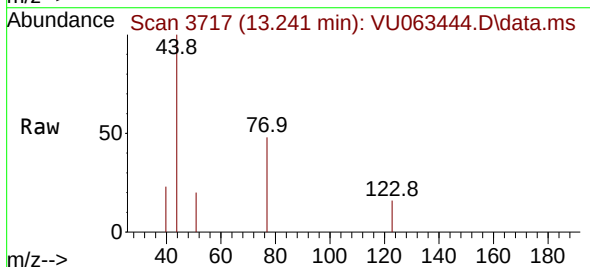
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

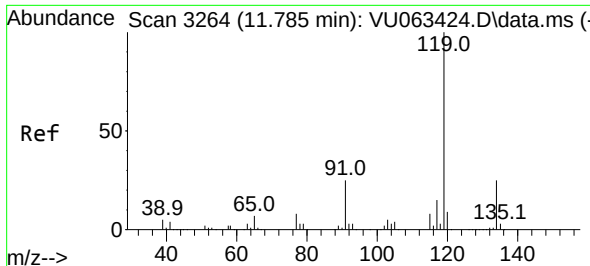
Tgt Ion:105 Resp: 10441
 Ion Ratio Lower Upper
 105 100
 134 19.2 14.8 22.2



#80
 Nitrobenzene
 Concen: 1.415 ug/l
 RT: 13.241 min Scan# 3717
 Delta R.T. 0.038 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

Tgt Ion: 77 Resp: 946
 Ion Ratio Lower Upper
 77 100
 123 32.6 19.6 69.6
 65 0.0 10.6 13.4#

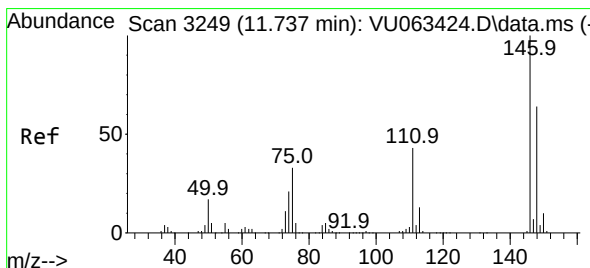
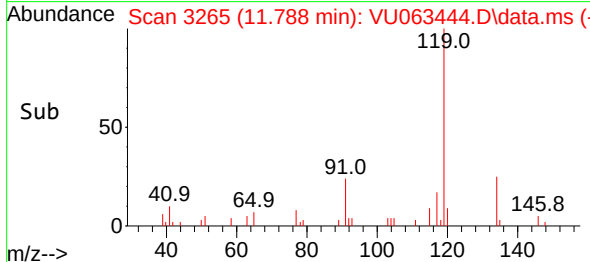
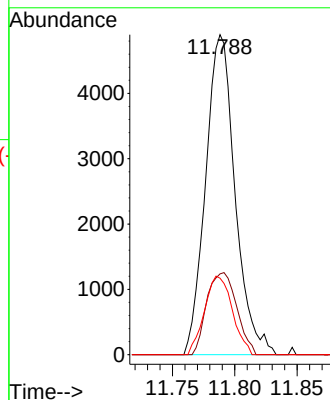
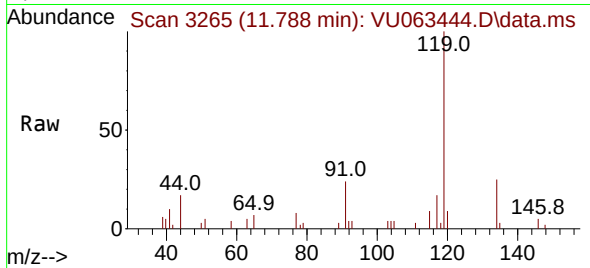




#81
p-Isopropyltoluene
Concen: 0.157 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

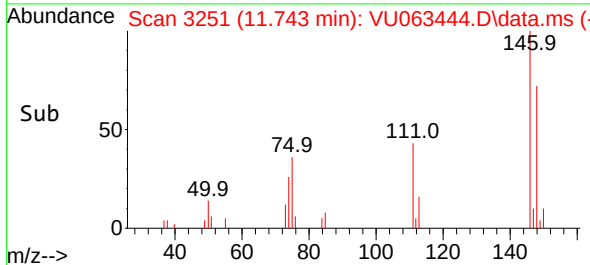
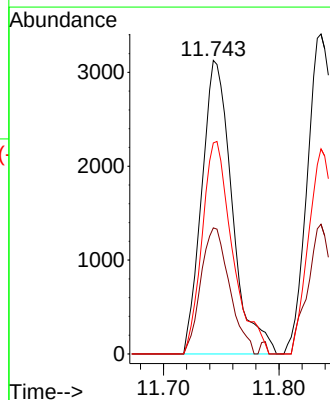
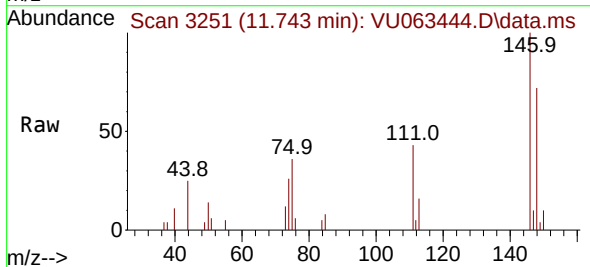
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

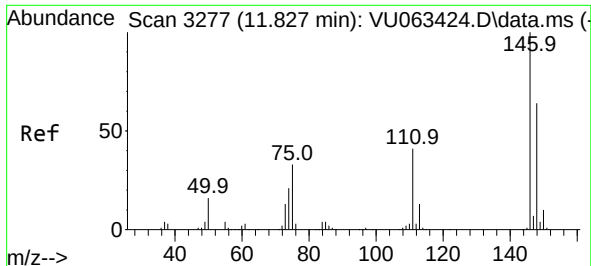
Tgt Ion:	119	Resp:	8069
Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.2	30.2
91	23.2	19.7	29.5



#82
1,3-Dichlorobenzene
Concen: 0.195 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion:	146	Resp:	5730
Ion	Ratio	Lower	Upper
146	100		
111	40.5	34.3	51.5
148	72.0	51.0	76.4

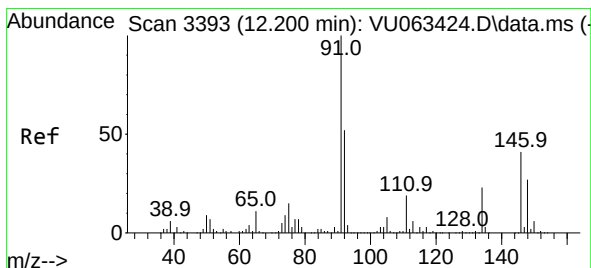
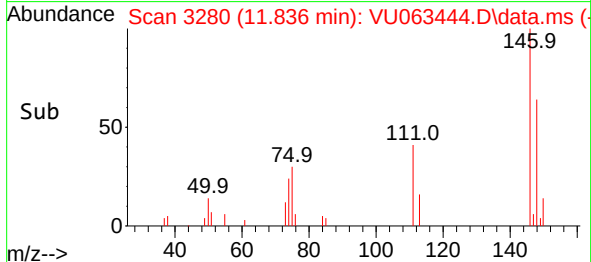
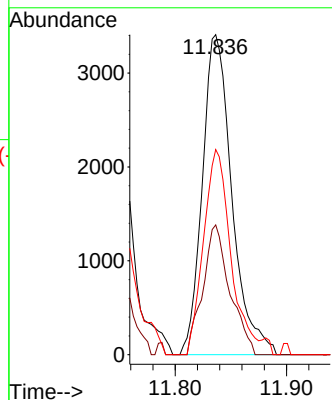
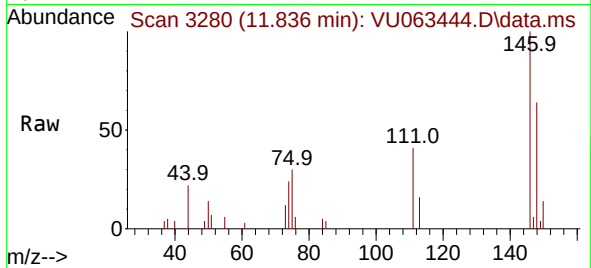




#83
1,4-Dichlorobenzene
Concen: 0.207 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.009 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

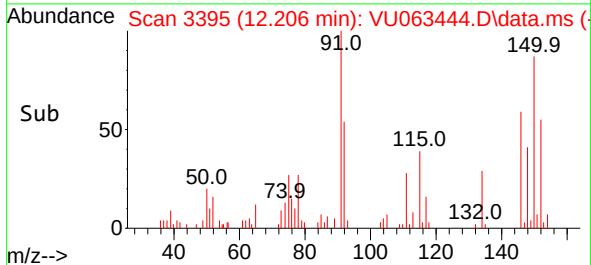
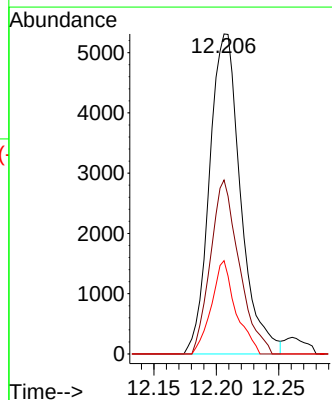
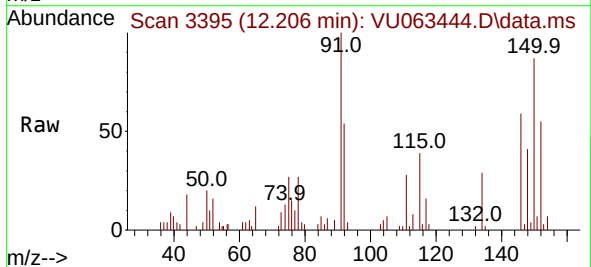
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

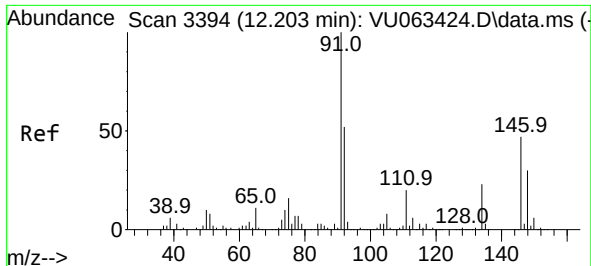
Tgt Ion:146 Resp: 6292
Ion Ratio Lower Upper
146 100
111 37.0 31.7 47.5
148 59.1 51.4 77.0



#84
n-Butylbenzene
Concen: 0.172 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion: 91 Resp: 9220
Ion Ratio Lower Upper
91 100
92 50.1 41.0 61.6
134 22.8 18.5 27.7

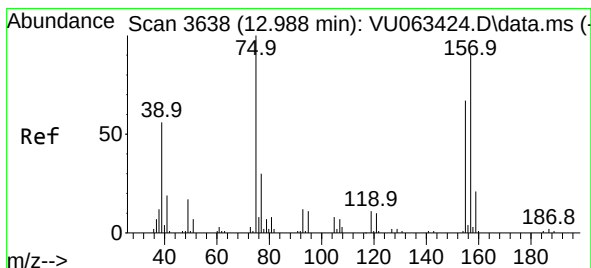
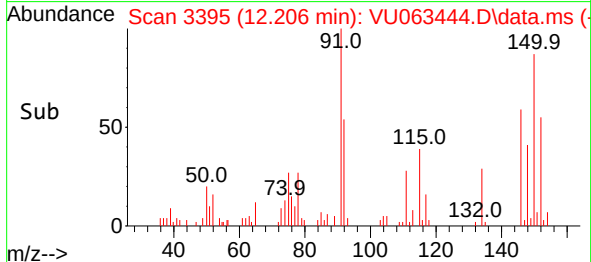
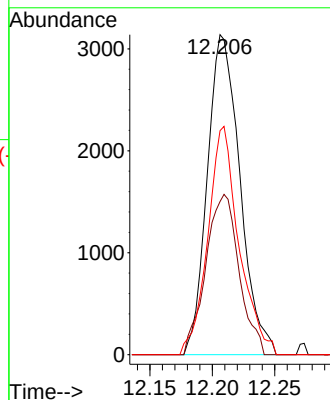
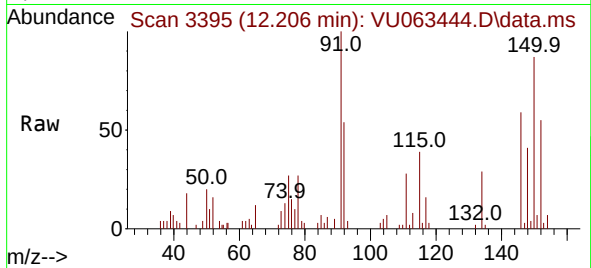




#85
 1,2-Dichlorobenzene
 Concen: 0.204 ug/l
 RT: 12.206 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

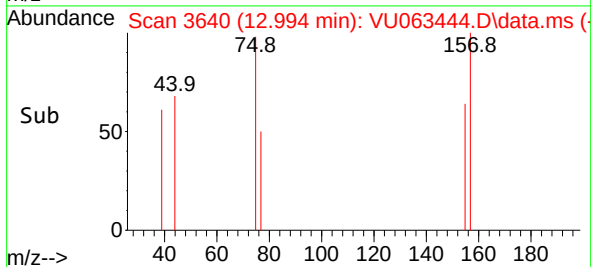
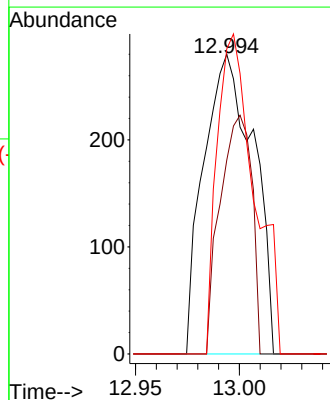
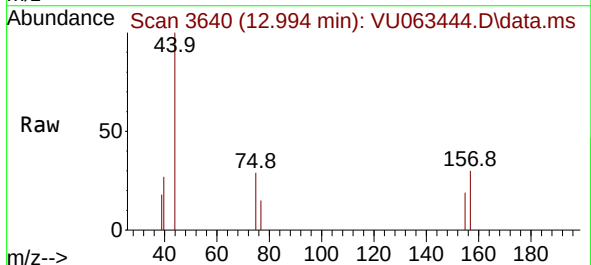
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

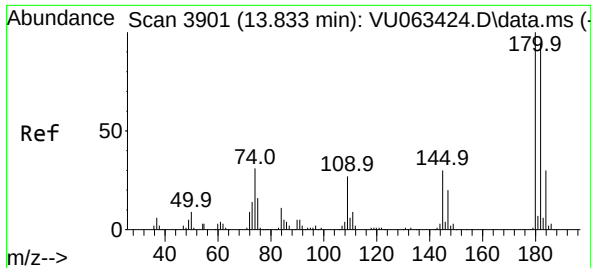
Tgt Ion:146 Resp: 5725
 Ion Ratio Lower Upper
 146 100
 111 51.0 21.8 65.4
 148 68.1 32.3 96.9



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.231 ug/l
 RT: 12.994 min Scan# 3640
 Delta R.T. 0.006 min
 Lab File: VU063444.D
 Acq: 24 Jun 2025 18:25

Tgt Ion: 75 Resp: 466
 Ion Ratio Lower Upper
 75 100
 155 50.6 59.7 89.5#
 157 79.8 75.0 112.4

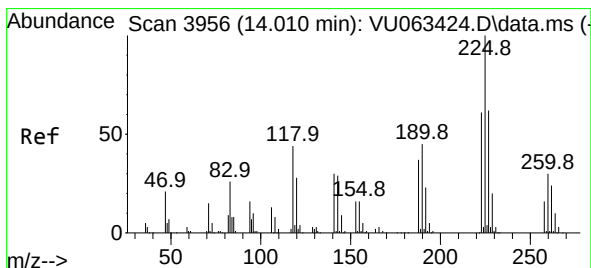
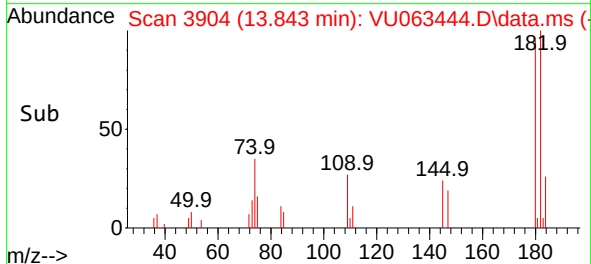
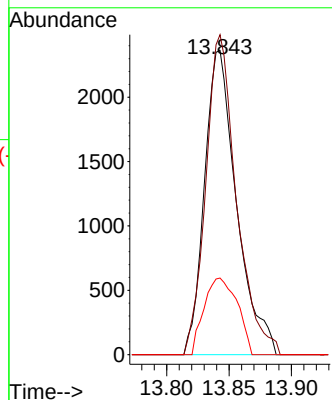
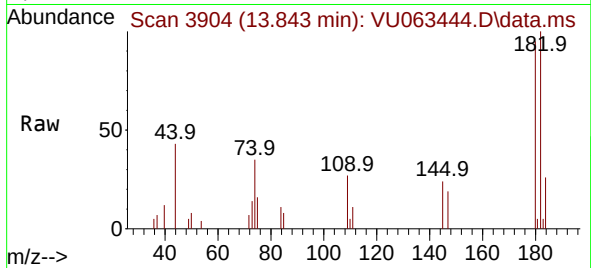




#87
1,2,4-Trichlorobenzene
Concen: 0.270 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

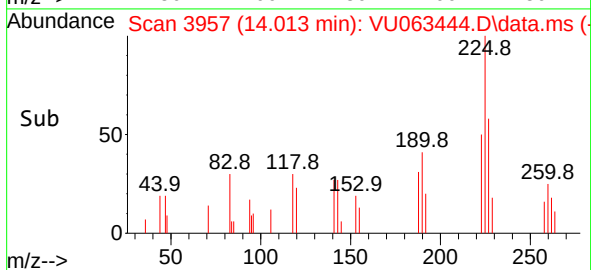
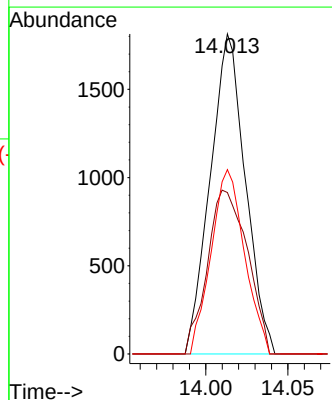
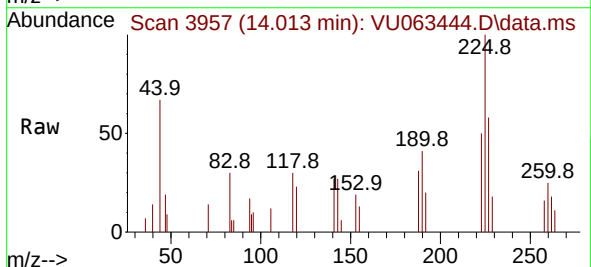
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

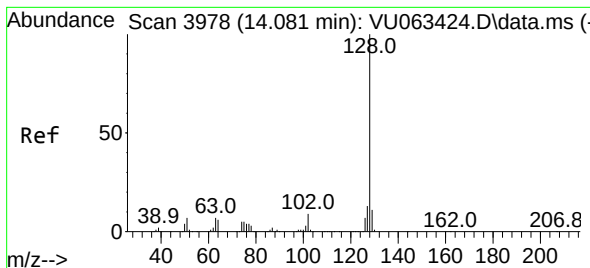
Tgt Ion:180 Resp: 4233
Ion Ratio Lower Upper
180 100
182 100.4 75.6 113.4
145 26.1 24.6 36.8



#88
Hexachlorobutadiene
Concen: 0.243 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063444.D
Acq: 24 Jun 2025 18:25

Tgt Ion:225 Resp: 2693
Ion Ratio Lower Upper
225 100
223 58.6 50.0 75.0
227 55.0 51.5 77.3





#89

Naphthalene

Concen: 0.354 ug/l

RT: 14.090 min Scan# 3978

Delta R.T. 0.009 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

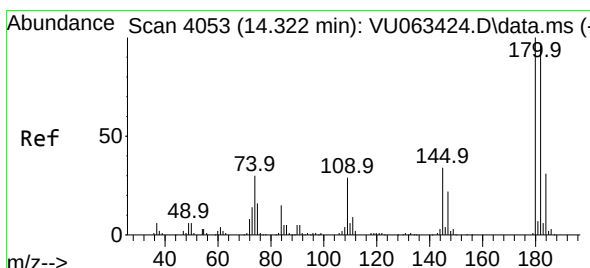
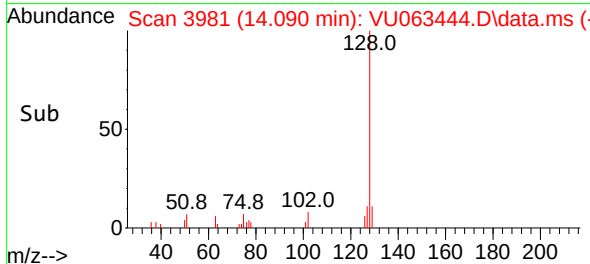
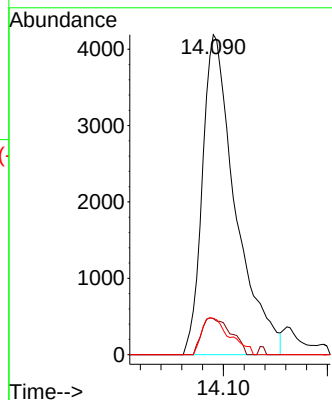
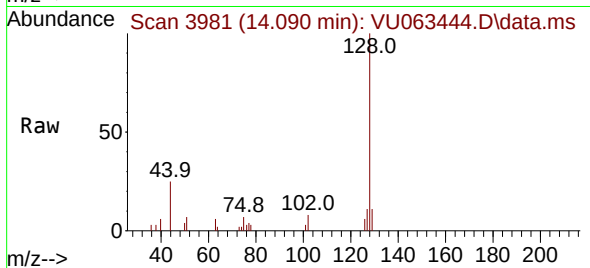
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:128	Resp:	9235
Ion Ratio	Lower	Upper
128	100	
127	10.2	10.4 15.6#
129	9.8	8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 0.282 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU063444.D

Acq: 24 Jun 2025 18:25

Tgt Ion:180	Resp:	4388
Ion Ratio	Lower	Upper
180	100	
182	102.4	76.7 115.1
145	33.5	27.4 41.2

