

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063445.D
 Acq On : 24 Jun 2025 18:56
 Operator : MD/SY
 Sample : Q2127-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 25 03:13:33 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	48351	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14024	0.790	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	15125	0.848	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	6123	0.330	ug/l	100
3) Chloromethane	1.518	50	8056	0.329	ug/l	97
4) Vinyl Chloride	1.599	62	5868	0.280	ug/l	93
5) Bromomethane	1.846	94	4138	0.412	ug/l	90
6) Chloroethane	1.924	64	3459	0.279	ug/l	95
7) Trichlorofluoromethane	2.126	101	7507	0.314	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	4021	0.316	ug/l #	87
9) 1,1-Dichloroethene	2.570	96	4018	0.316	ug/l	85
10) Iodomethane	2.708	142	2420	0.236	ug/l	99
11) Allyl Chloride	2.904	41	7687	0.340	ug/l	99
12) Acrylonitrile	3.306	53	2496	0.680	ug/l #	84
13) Acetone	2.621	43	4102	1.115	ug/l	98
14) Carbon Disulfide	2.776	76	15825	0.357	ug/l	97
15) Methylene Chloride	3.030	84	6068	0.377	ug/l	94
16) trans-1,2-Dichloroethene	3.332	96	5232	0.366	ug/l #	89
17) 1,1-Dichloroethane	3.846	63	10646	0.355	ug/l	96
18) 2-Butanone	4.718	43	7900	1.543	ug/l	95
19) Cyclohexane	5.357	56	7746	0.341	ug/l	95
20) Methylcyclohexane	6.743	83	6430	0.305	ug/l	91
21) 2,2-Dichloropropane	4.640	77	7439	0.349	ug/l	91
22) cis-1,2-Dichloroethene	4.650	96	5524	0.354	ug/l	93
23) Diethyl Ether	2.370	59	2880	0.251	ug/l	92
24) tert-Butyl Alcohol	3.203	59	4939	4.093	ug/l #	85
25) Methyl tert-Butyl Ether	3.364	73	12277	0.356	ug/l #	90
26) Bromochloromethane	4.962	128	2057	0.339	ug/l	91
27) Chloroform	5.071	83	10622	0.378	ug/l	96
28) 1,1,1-Trichloroethane	5.293	97	8230	0.361	ug/l	99
29) 1,1-Dichloropropene	5.502	75	7005	0.336	ug/l	96
30) Carbon Tetrachloride	5.499	117	6304	0.346	ug/l	94
31) Isopropyl Ether	3.994	45	16228	0.346	ug/l	96
32) Ethyl-t-butyl ether	4.509	59	13301	0.335	ug/l	96
33) Tert-Amyl methyl ether	5.949	73	9214	0.324	ug/l	98
34) Propionitrile	4.785	54	2809	1.897	ug/l #	88
35) Benzene	5.759	78	21289	0.338	ug/l	95
36) 1,2-Dichloroethane	5.785	62	6024	0.327	ug/l #	94
37) Trichloroethene	6.531	130	5255	0.353	ug/l	97
38) 1,2-Dichloropropane	6.785	63	6234	0.358	ug/l	98
39) Methacrylonitrile	4.975	41	2000	0.325	ug/l #	90
40) Methyl acrylate	4.856	55	2841	0.328	ug/l #	94
41) Tetrahydrofuran	5.065	42	2661	0.803	ug/l	89
42) 1-Chlorobutane	5.441	56	9092	0.308	ug/l	100
43) Dibromomethane	6.917	93	2494	0.307	ug/l	89
44) Bromodichloromethane	7.097	83	6991	0.353	ug/l	99

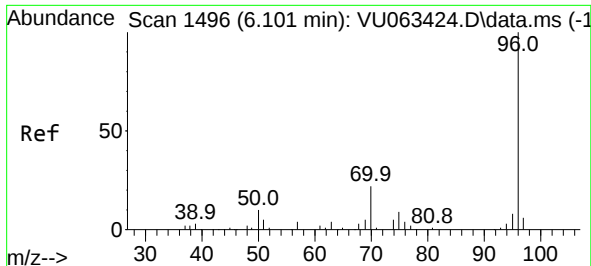
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:09:53 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.804	43	12450	1.427	ug/l	96
46) t-1,4-Dichloro-2-butene	10.817	75	5520	1.925	ug/l #	44
47) Methyl methacrylate	6.981	69	3370	0.535	ug/l #	92
48) Ethyl methacrylate	8.341	69	3179	0.282	ug/l	95
49) Toluene	7.962	92	9964	0.288	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	3953	0.277	ug/l	95
51) cis-1,3-Dichloropropene	7.608	75	5625	0.293	ug/l	93
52) 1,1,2-Trichloroethane	8.396	97	4218	0.355	ug/l	95
53) 1,3-Dichloropropane	8.573	76	6631	0.324	ug/l	96
54) 2-Hexanone	8.698	43	8091	1.382	ug/l	92
55) Dibromochloromethane	8.801	129	3954	0.323	ug/l	92
56) 1,2-Dibromoethane	8.917	107	3099	0.322	ug/l	99
58) Tetrachloroethene	8.544	164	4611	0.316	ug/l	95
59) Chlorobenzene	9.444	112	11071	0.299	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.528	131	4575	0.343	ug/l	99
61) Pentachloroethane	11.418	117	3838	0.353	ug/l	91
62) Hexachloroethane	12.467	117	3383	0.346	ug/l	92
63) Ethyl Benzene	9.566	91	16354	0.275	ug/l	95
64) m/p-Xylenes	9.688	106	12297	0.531	ug/l	94
65) o-Xylene	10.094	106	6197	0.275	ug/l	89
66) Styrene	10.113	104	9357	0.255	ug/l	98
67) Bromoform	10.283	173	2324	0.347	ug/l #	86
69) Isopropylbenzene	10.476	105	14005	0.268	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	5398	0.355	ug/l #	98
71) 1,2,3-Trichloropropane	10.817	75	5520	0.445	ug/l #	80
72) Bromobenzene	10.778	156	4137	0.282	ug/l	91
73) n-propylbenzene	10.897	120	3948	0.249	ug/l	91
74) 2-Chlorotoluene	10.981	126	3758	0.259	ug/l	95
75) 1,3,5-Trimethylbenzene	11.081	105	12251	0.241	ug/l	99
76) 4-Chlorotoluene	11.097	126	3724	0.245	ug/l	99
77) tert-Butylbenzene	11.412	119	12992	0.271	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	12044	0.235	ug/l	99
79) sec-Butylbenzene	11.637	105	16967	0.250	ug/l	97
80) Nitrobenzene	13.232	77	447	0.645	ug/l #	89
81) p-Isopropyltoluene	11.788	119	13074	0.246	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	9986	0.329	ug/l	98
83) 1,4-Dichlorobenzene	11.836	146	8694	0.276	ug/l	95
84) n-Butylbenzene	12.206	91	14370	0.258	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	9189	0.316	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	12.994	75	609	0.291	ug/l	94
87) 1,2,4-Trichlorobenzene	13.846	180	5326	0.329	ug/l	100
88) Hexachlorobutadiene	14.010	225	3851	0.335	ug/l	94
89) Naphthalene	14.093	128	9893	0.366	ug/l #	96
90) 1,2,3-Trichlorobenzene	14.328	180	5325	0.330	ug/l	96

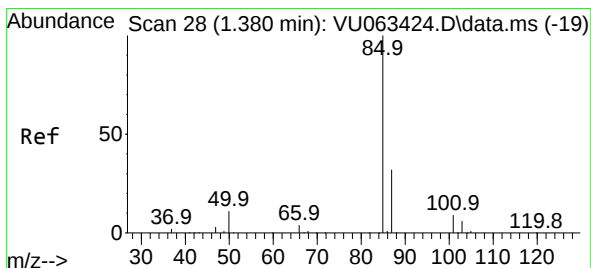
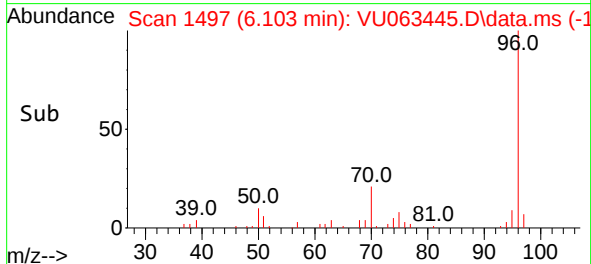
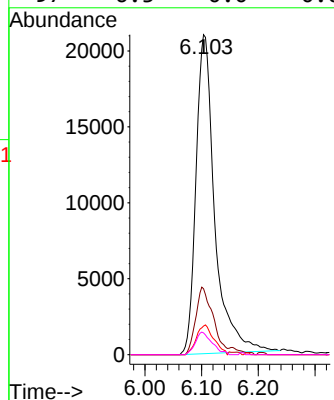
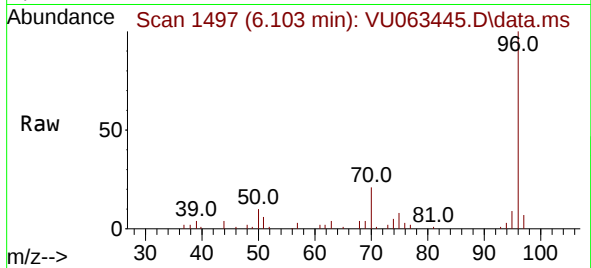
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1496
Delta R.T. 0.002 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

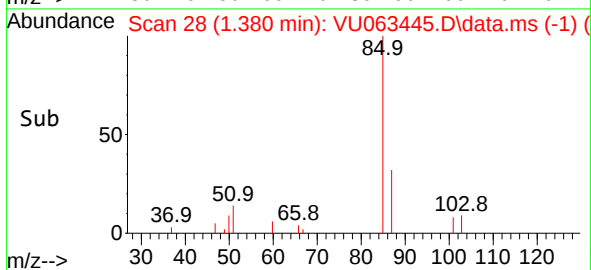
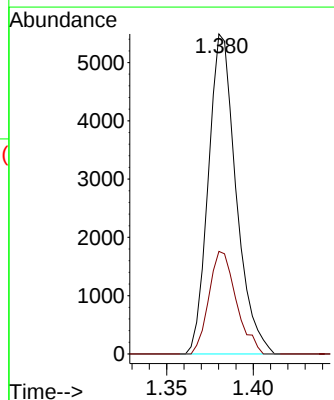
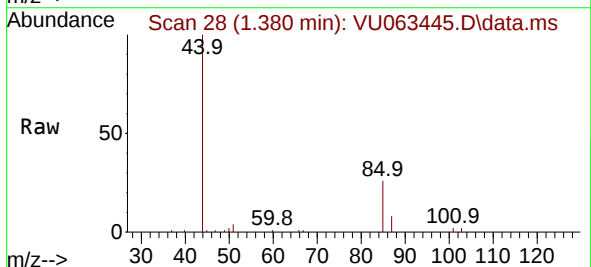
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

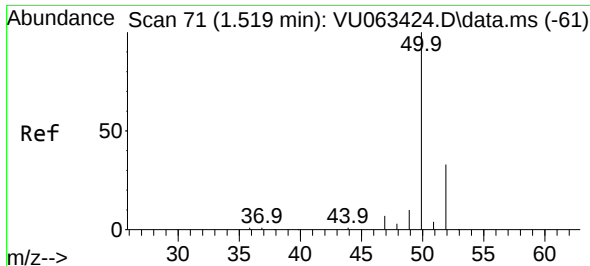
Tgt Ion: 96	Resp: 48351
Ion Ratio	Lower Upper
96 100	
70 17.5	16.4 24.6
95 8.6	6.2 9.2
97 6.3	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.330 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 85	Resp: 6123
Ion Ratio	Lower Upper
85 100	
87 32.1	16.2 48.5

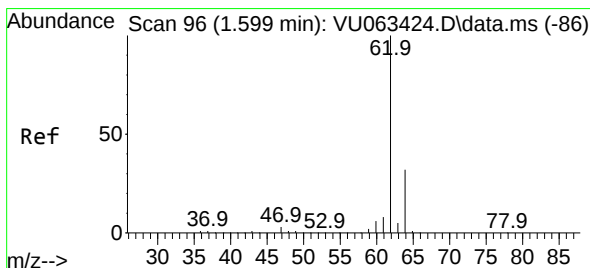
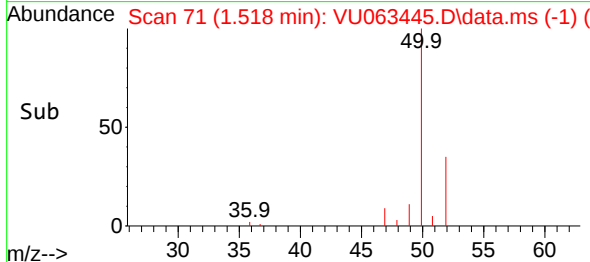
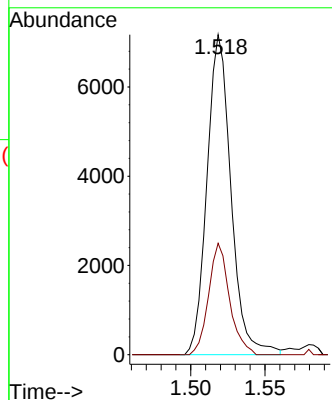
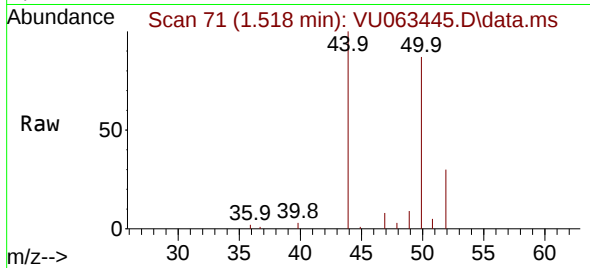




#3
Chloromethane
Concen: 0.329 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

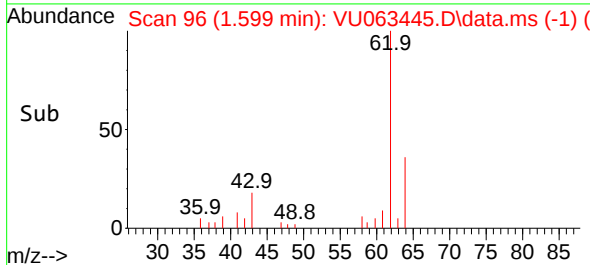
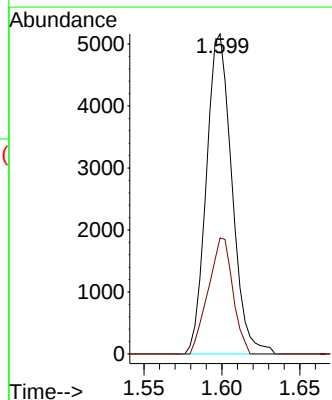
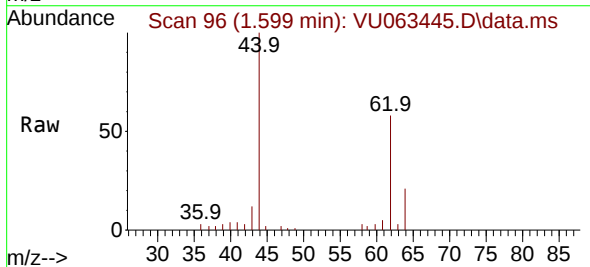
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

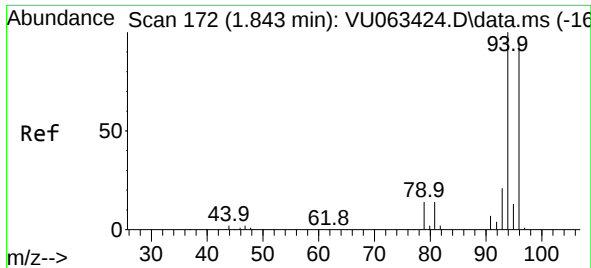
Tgt Ion: 50 Resp: 8056
Ion Ratio Lower Upper
50 100
52 34.8 26.6 40.0



#4
Vinyl Chloride
Concen: 0.280 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 62 Resp: 5868
Ion Ratio Lower Upper
62 100
64 36.3 25.7 38.5

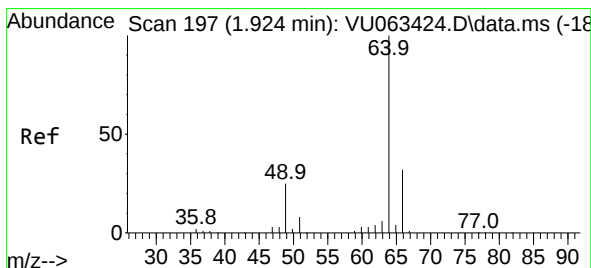
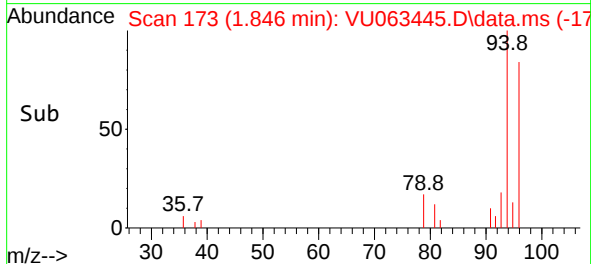
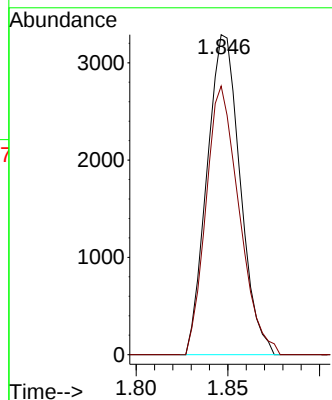
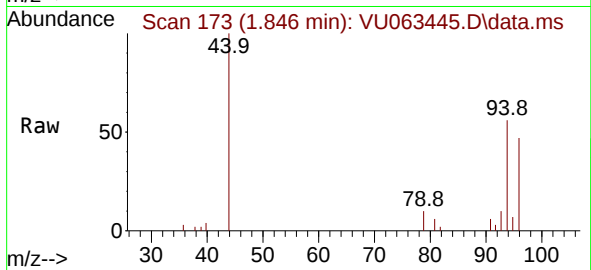




#5
Bromomethane
Concen: 0.412 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

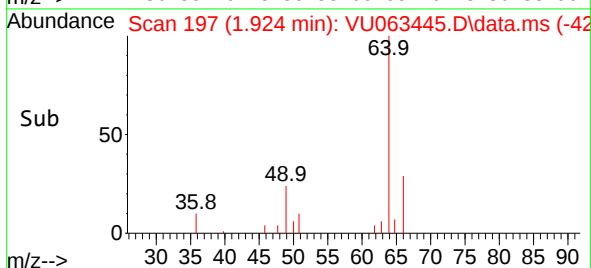
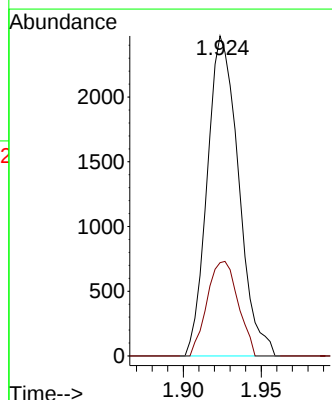
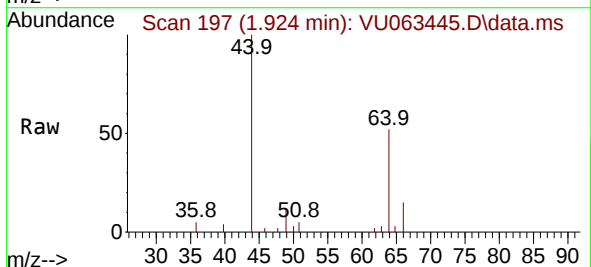
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

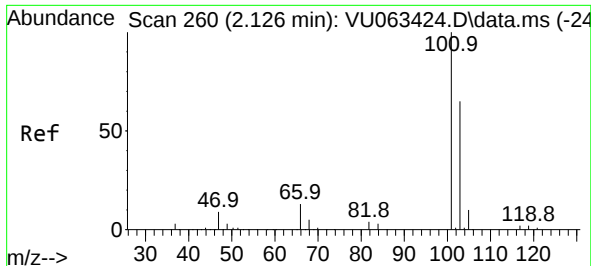
Tgt Ion: 94 Resp: 4138
Ion Ratio Lower Upper
94 100
96 83.9 74.8 112.2



#6
Chloroethane
Concen: 0.279 ug/l
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 64 Resp: 3459
Ion Ratio Lower Upper
64 100
66 29.2 25.7 38.5

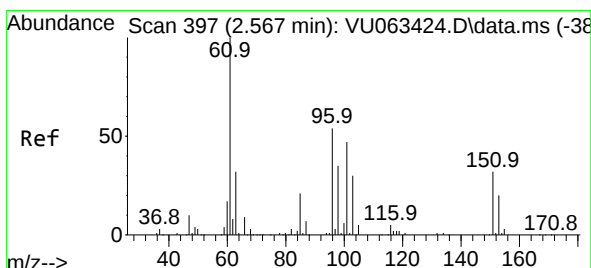
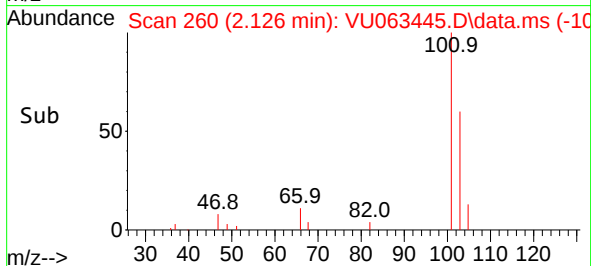
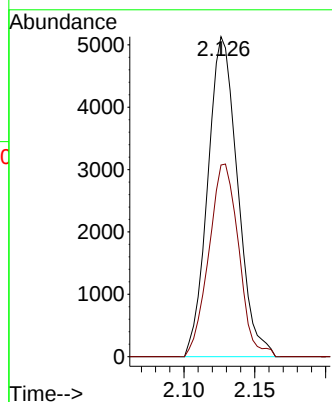
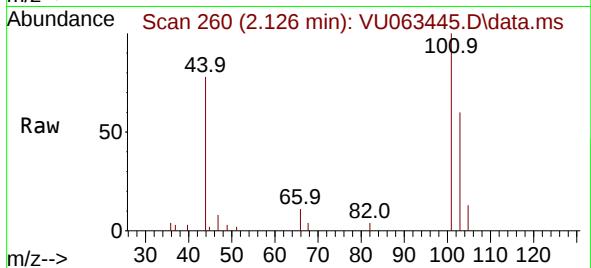




#7
 Trichlorofluoromethane
 Concen: 0.314 ug/l
 RT: 2.126 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VU063445.D
 Acq: 24 Jun 2025 18:56

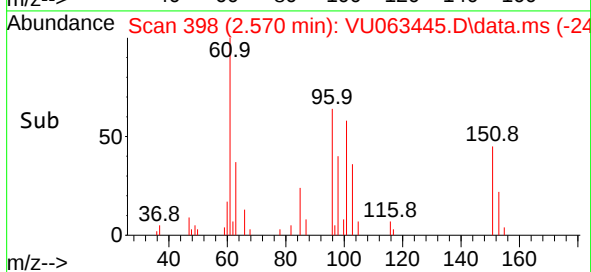
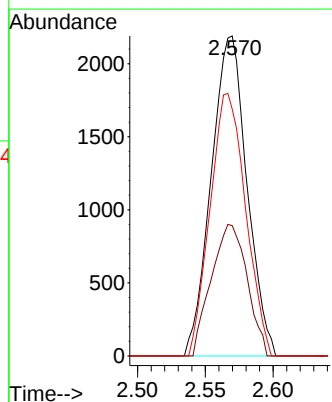
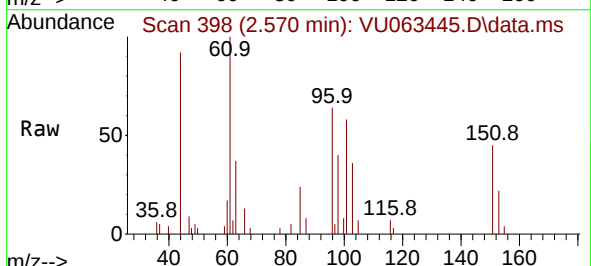
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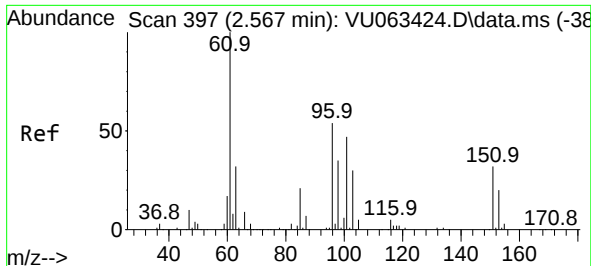
Tgt Ion:101 Resp: 7507
 Ion Ratio Lower Upper
 101 100
 103 59.9 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.316 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063445.D
 Acq: 24 Jun 2025 18:56

Tgt Ion:101 Resp: 4021
 Ion Ratio Lower Upper
 101 100
 85 41.2 36.7 55.1
 151 81.3 53.9 80.9#

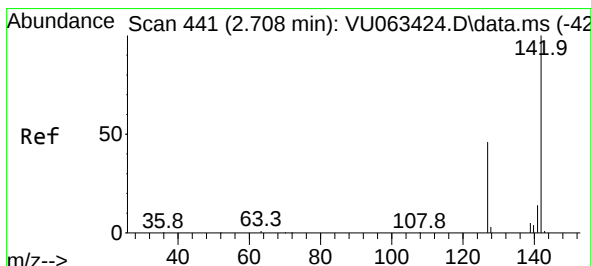
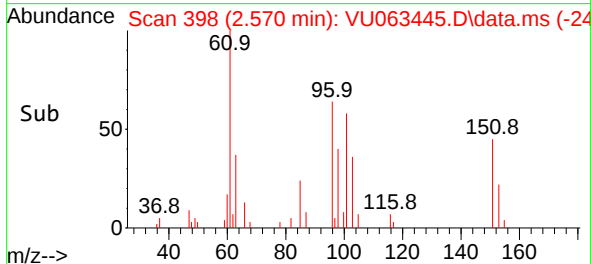
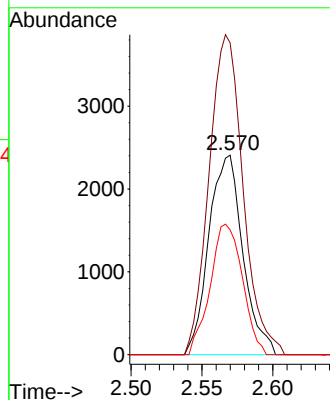
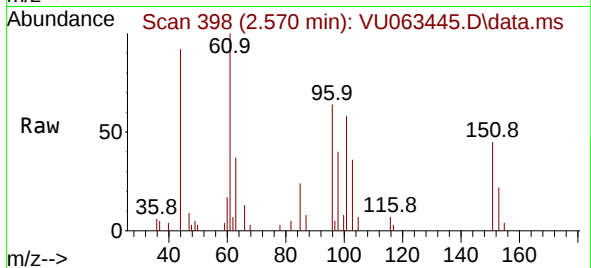




#9
1,1-Dichloroethene
Concen: 0.316 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

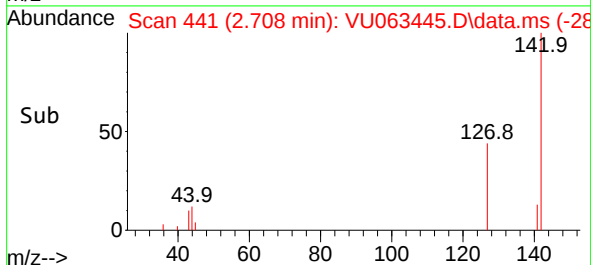
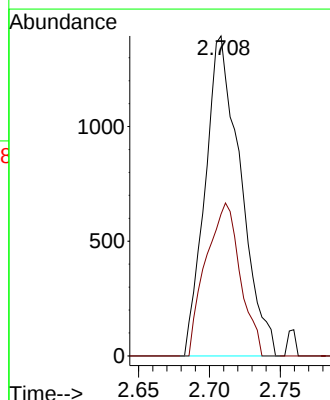
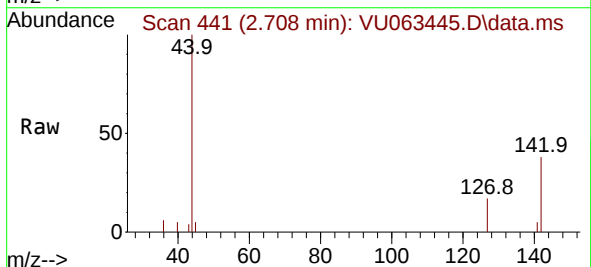
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

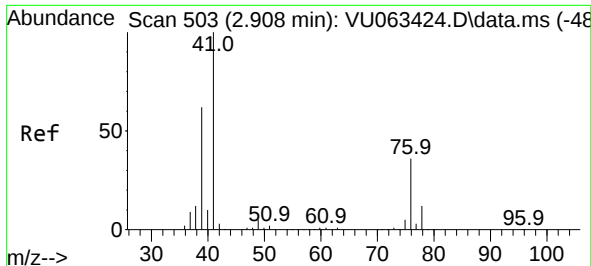
Tgt Ion: 96 Resp: 4018
Ion Ratio Lower Upper
96 100
61 156.3 0.0 552.0
98 62.5 0.0 128.4



#10
Iodomethane
Concen: 0.236 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 142 Resp: 2420
Ion Ratio Lower Upper
142 100
127 46.5 36.9 55.3

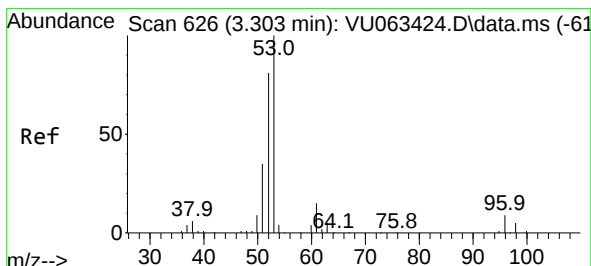
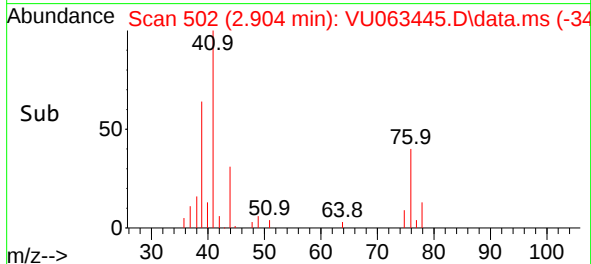
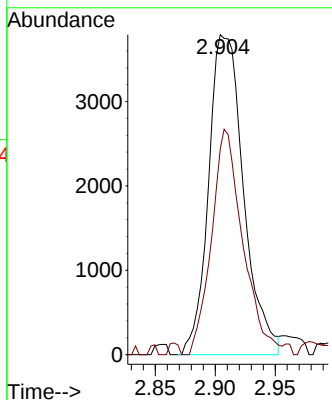
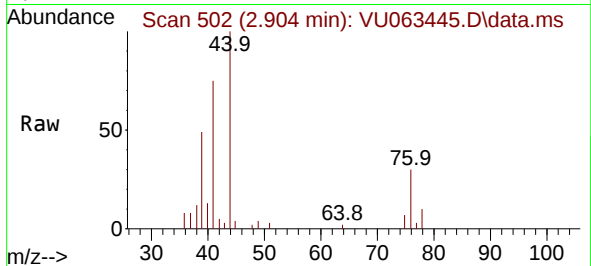




#11
 Allyl Chloride
 Concen: 0.340 ug/l
 RT: 2.904 min Scan# 503
 Delta R.T. -0.004 min
 Lab File: VU063445.D
 Acq: 24 Jun 2025 18:56

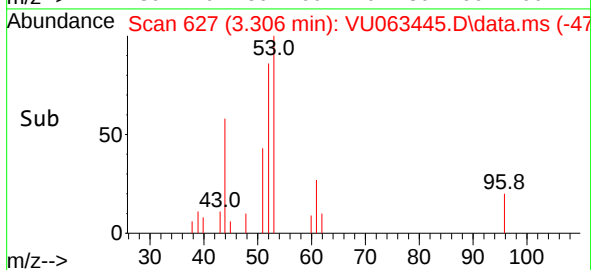
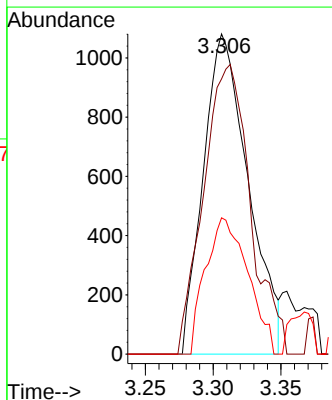
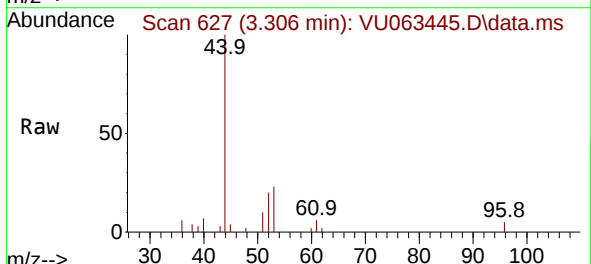
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

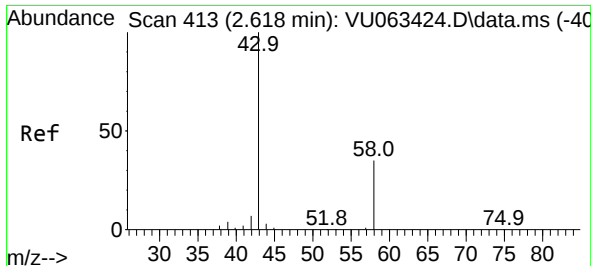
Tgt Ion: 41 Resp: 7687
 Ion Ratio Lower Upper
 41 100
 39 63.7 50.3 75.5



#12
 Acrylonitrile
 Concen: 0.680 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063445.D
 Acq: 24 Jun 2025 18:56

Tgt Ion: 53 Resp: 2496
 Ion Ratio Lower Upper
 53 100
 52 94.2 62.8 94.2
 51 40.0 26.2 39.4#





#13

Acetone

Concen: 1.115 ug/l

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

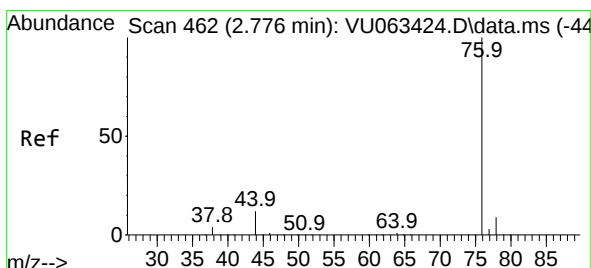
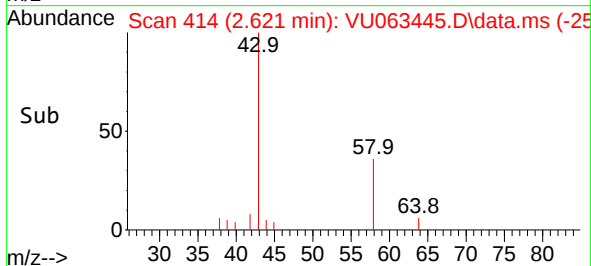
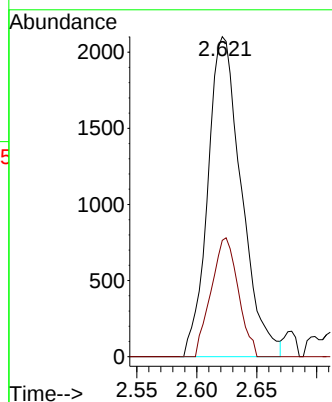
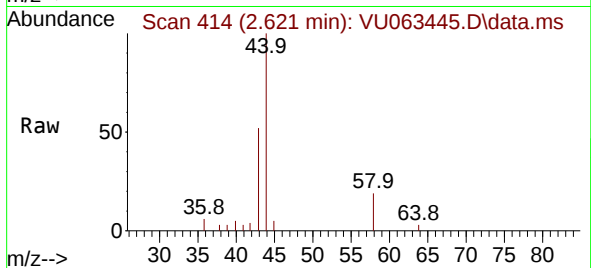
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 4102

Ion Ratio Lower Upper

43 100

58 36.3 28.3 42.5



#14

Carbon Disulfide

Concen: 0.357 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063445.D

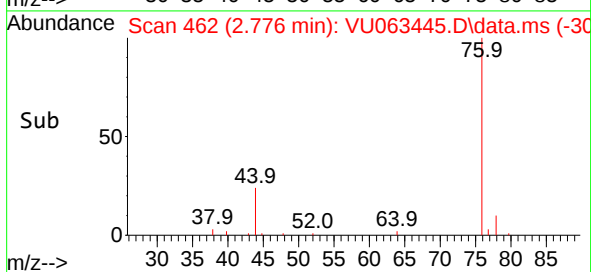
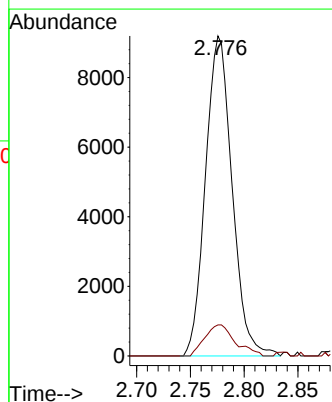
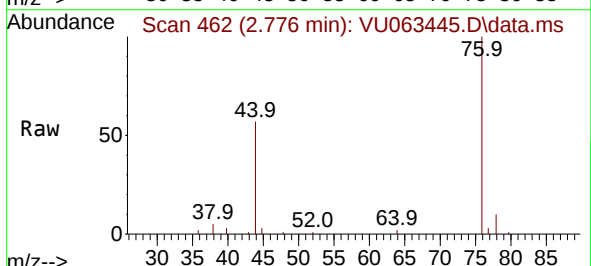
Acq: 24 Jun 2025 18:56

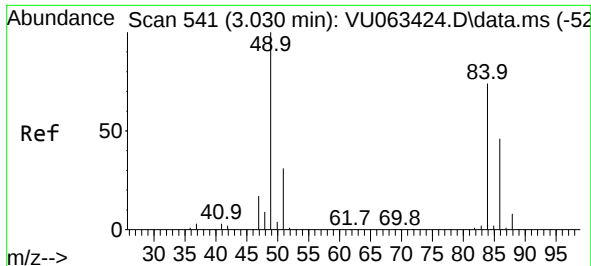
Tgt Ion: 76 Resp: 15825

Ion Ratio Lower Upper

76 100

78 9.7 6.9 10.3

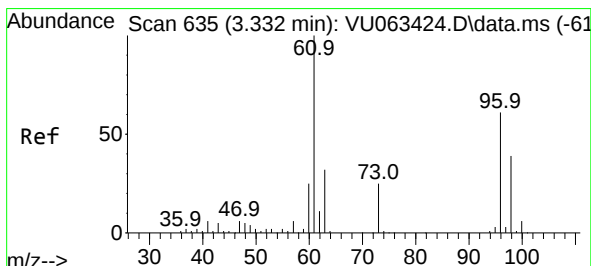
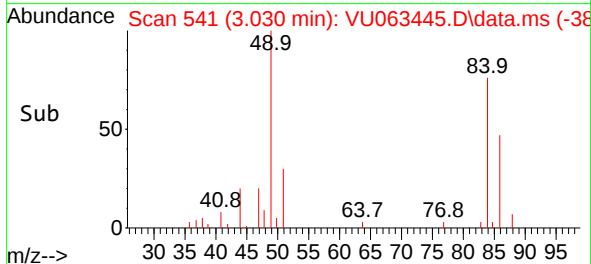
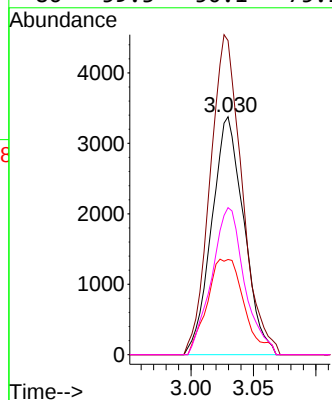
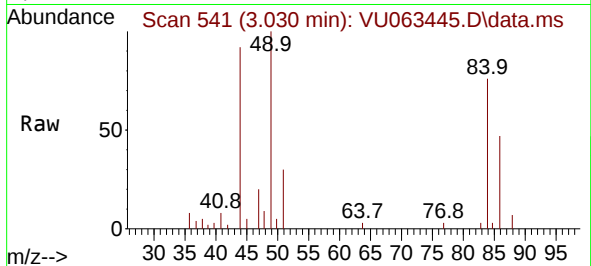




#15
Methylene Chloride
Concen: 0.377 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

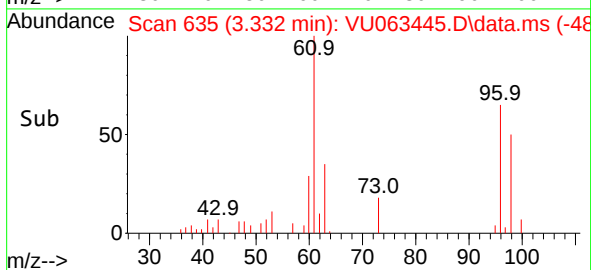
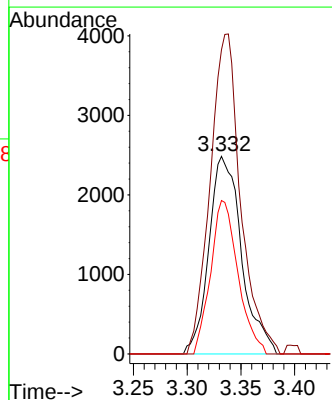
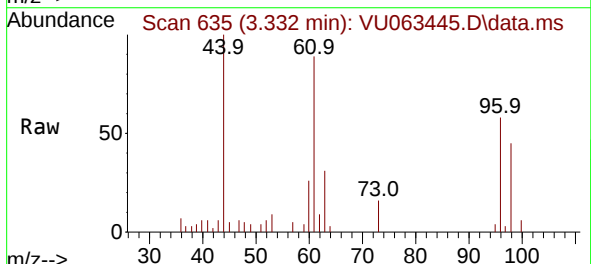
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 84	Resp: 6068
Ion Ratio	Lower Upper
84 100	
49 126.7	108.7 163.1
51 38.4	0.0 83.8
86 59.3	50.1 75.1



#16
trans-1,2-Dichloroethene
Concen: 0.366 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.000 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 96	Resp: 5232		
Ion Ratio	Lower	Upper	
96 100			
61 153.9	132.1	198.1	
98 77.7	51.0	76.4	#

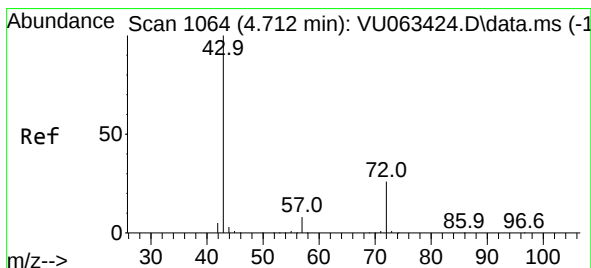
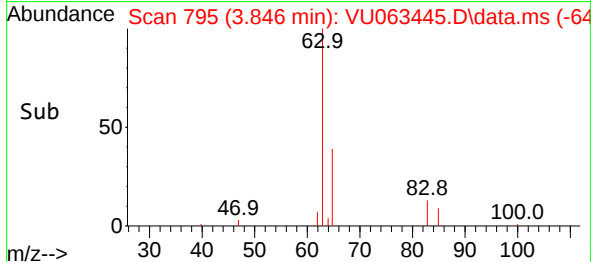
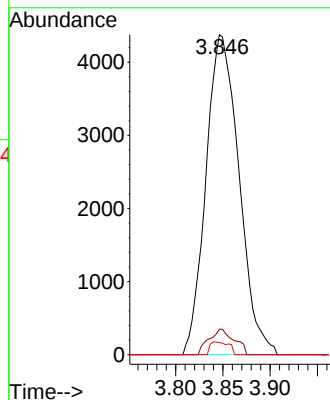
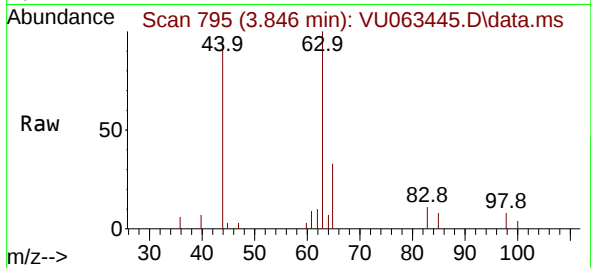




#17
1,1-Dichloroethane
Concen: 0.355 ug/l
RT: 3.846 min Scan# 795
Delta R.T. -0.004 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

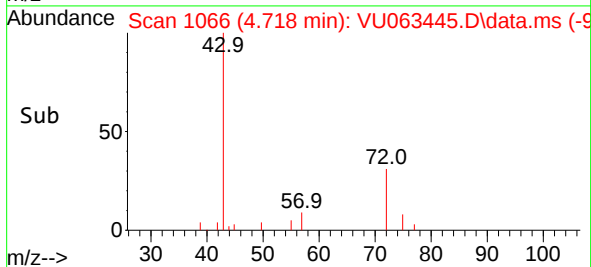
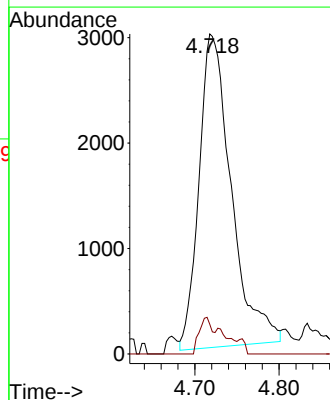
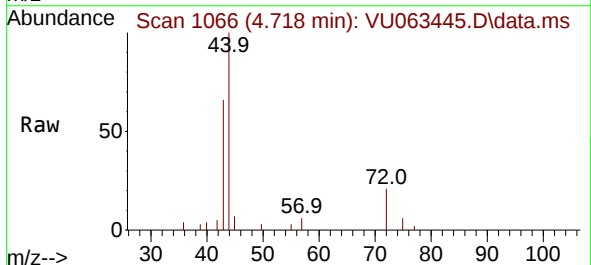
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

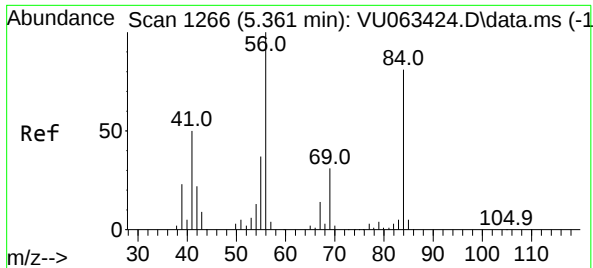
Tgt Ion: 63 Resp: 10646
Ion Ratio Lower Upper
63 100
98 8.0 2.8 8.4
100 3.8 1.9 5.7



#18
2-Butanone
Concen: 1.543 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 43 Resp: 7900
Ion Ratio Lower Upper
43 100
57 9.6 0.0 16.0





#19

Cyclohexane

Concen: 0.341 ug/l

RT: 5.357 min Scan# 11

Delta R.T. -0.004 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

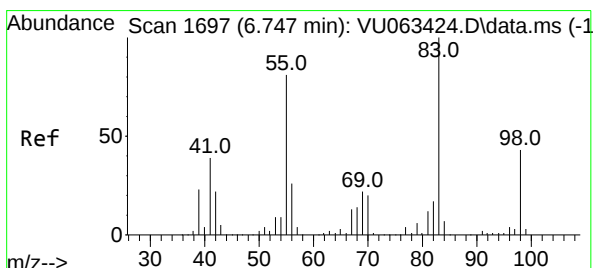
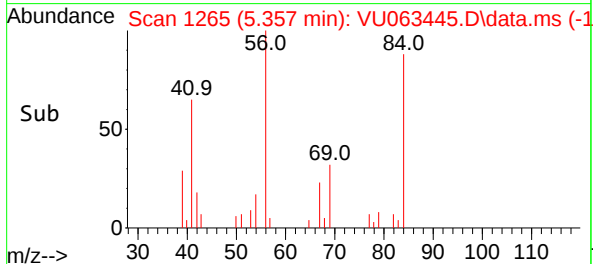
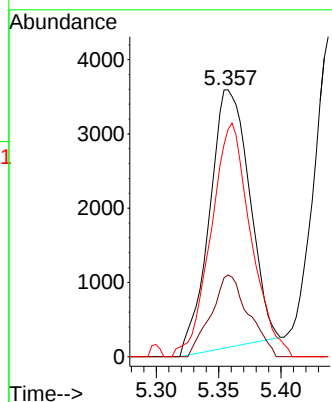
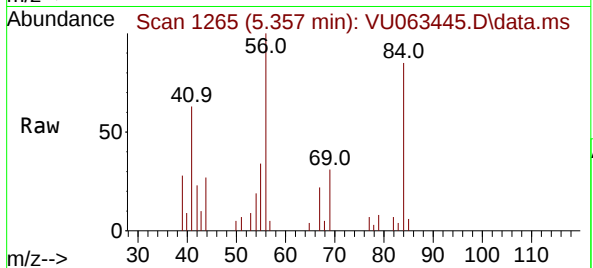
Tgt Ion: 56 Resp: 7746

Ion Ratio Lower Upper

56 100

69 29.6 26.4 39.6

84 90.4 68.6 102.8



#20

Methylcyclohexane

Concen: 0.305 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. -0.004 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

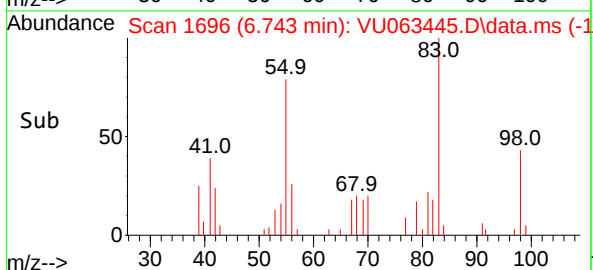
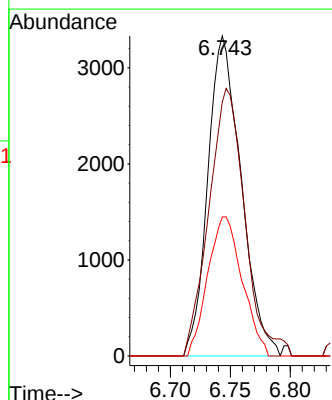
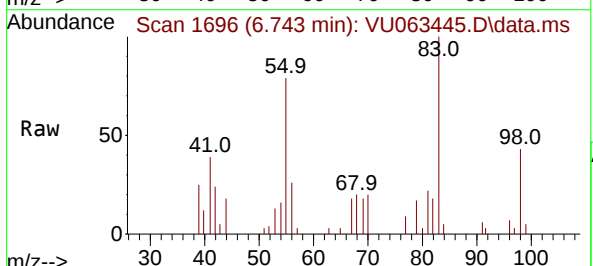
Tgt Ion: 83 Resp: 6430

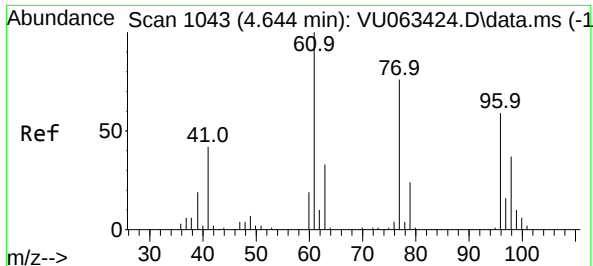
Ion Ratio Lower Upper

83 100

55 90.2 63.5 95.3

98 45.0 34.2 51.4





#21

2,2-Dichloropropane

Concen: 0.349 ug/l

RT: 4.640 min Scan# 1042

Delta R.T. -0.004 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

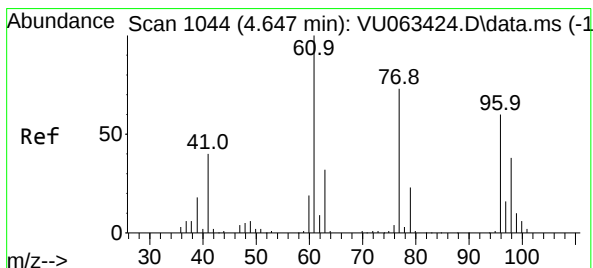
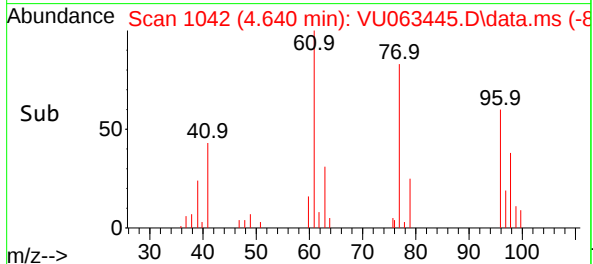
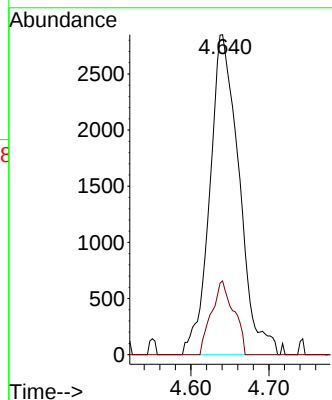
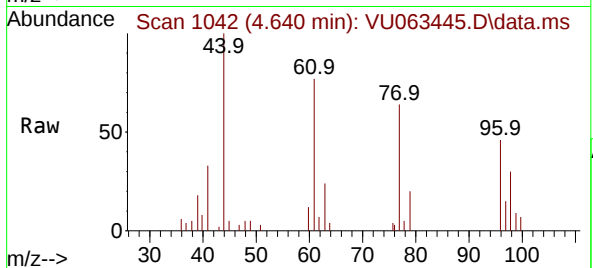
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 77 Resp: 7439

Ion Ratio Lower Upper

77 100

97 17.4 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 0.354 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

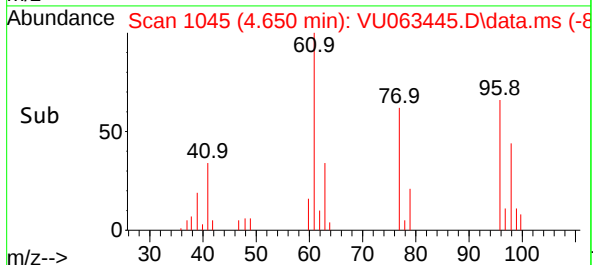
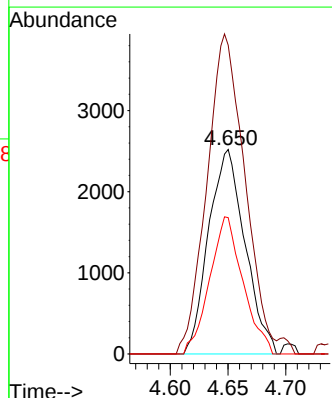
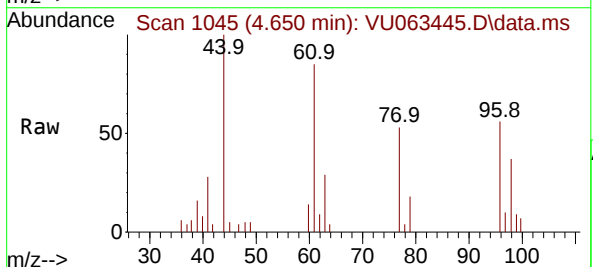
Tgt Ion: 96 Resp: 5524

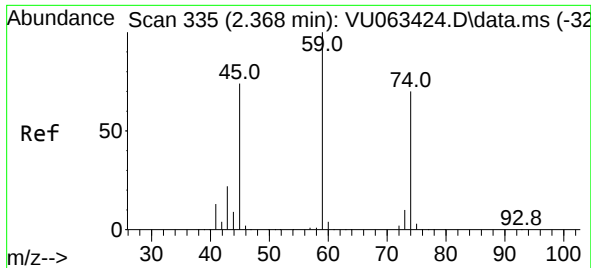
Ion Ratio Lower Upper

96 100

61 162.4 0.0 434.3

98 61.5 31.9 95.7

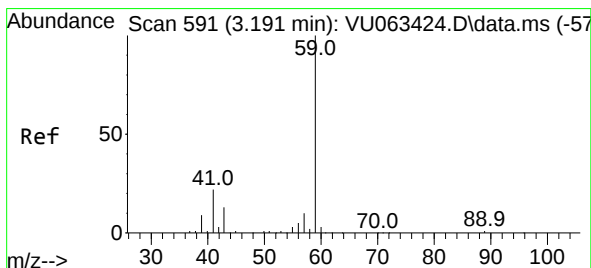
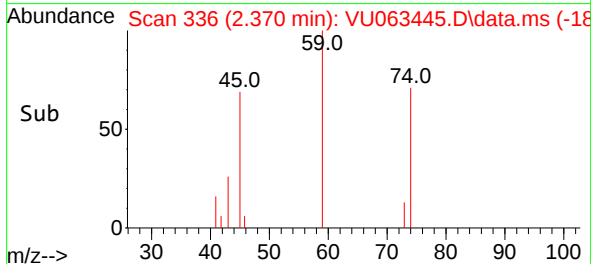
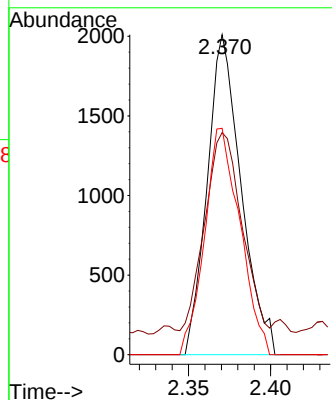
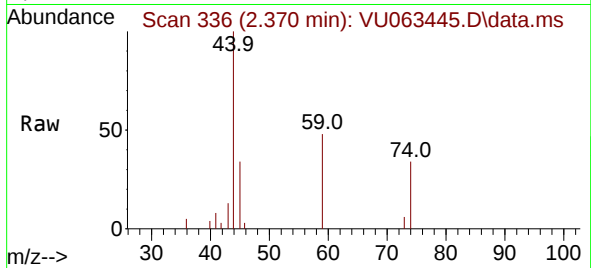




#23
Diethyl Ether
Concen: 0.251 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

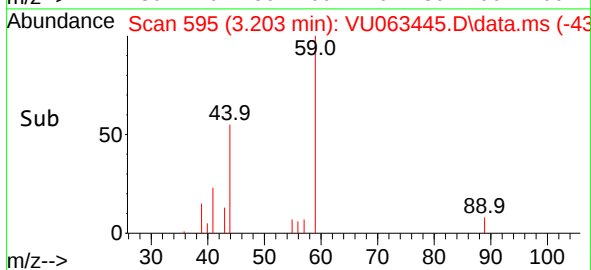
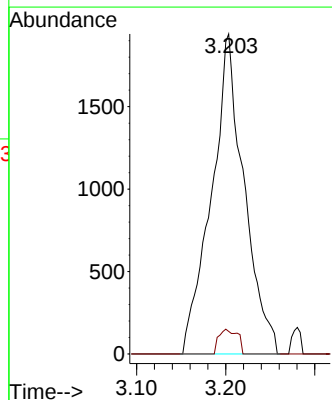
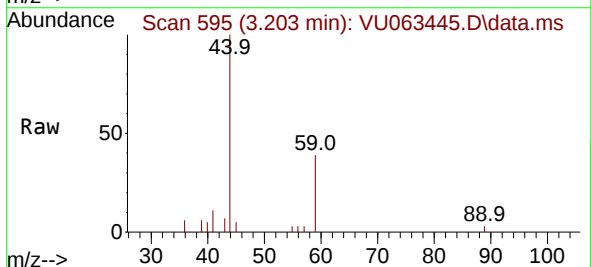
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

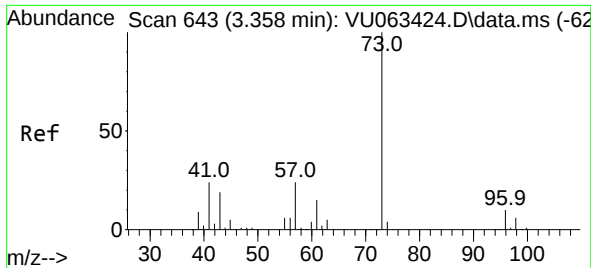
Tgt Ion: 59 Resp: 2880
Ion Ratio Lower Upper
59 100
45 66.3 60.7 91.1
74 74.0 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 4.093 ug/l
RT: 3.203 min Scan# 595
Delta R.T. 0.013 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 59 Resp: 4939
Ion Ratio Lower Upper
59 100
57 4.4 7.8 11.8#

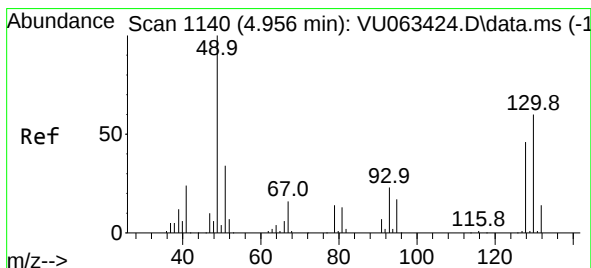
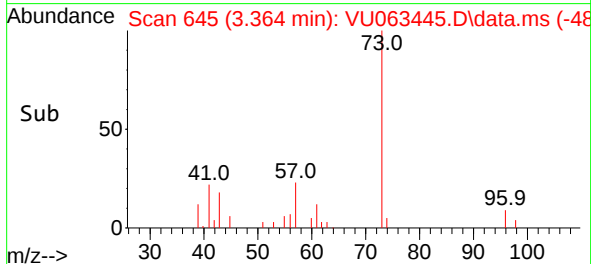
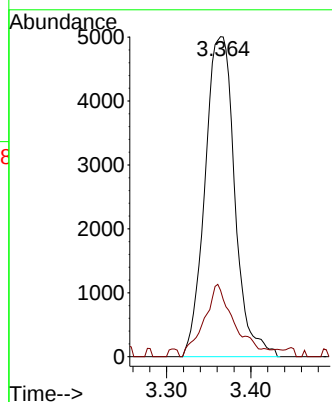
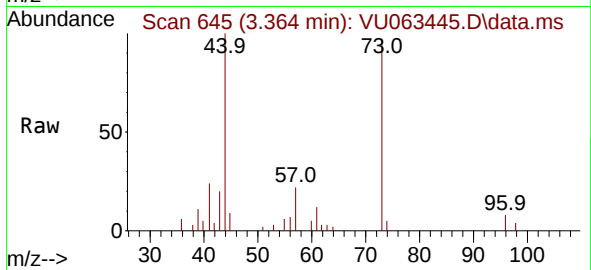




#25
Methyl tert-Butyl Ether
Concen: 0.356 ug/l
RT: 3.364 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

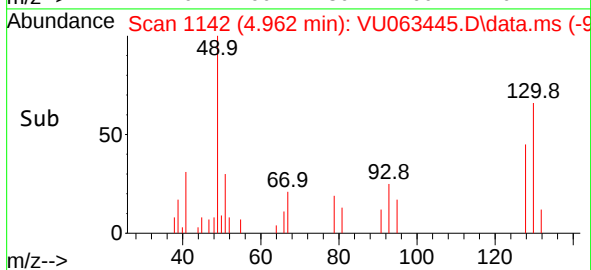
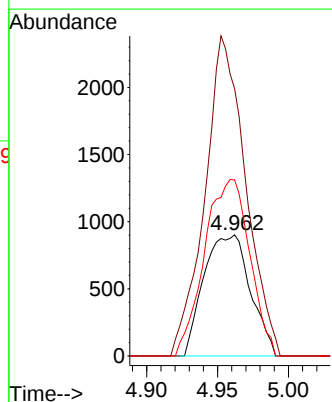
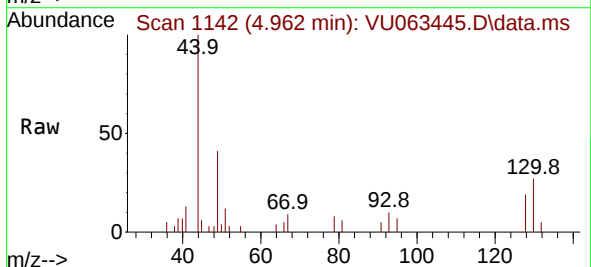
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

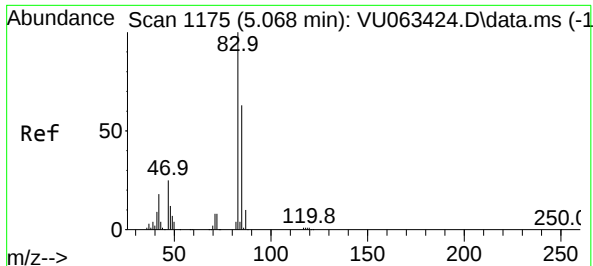
Tgt Ion: 73 Resp: 12277
Ion Ratio Lower Upper
73 100
43 23.4 15.1 22.7#



#26
Bromochloromethane
Concen: 0.339 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 128 Resp: 2057
Ion Ratio Lower Upper
128 100
49 232.1 0.0 441.2
130 141.9 102.3 153.5





#27

Chloroform

Concen: 0.378 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

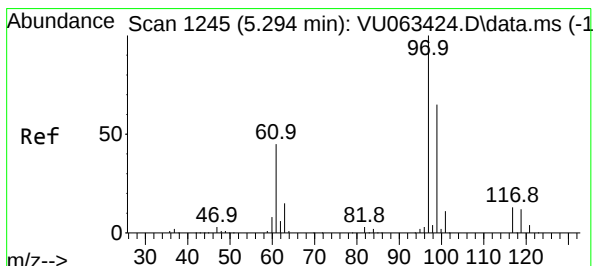
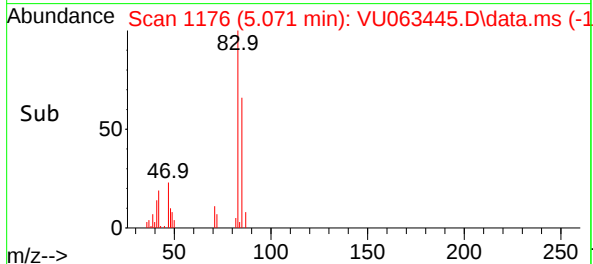
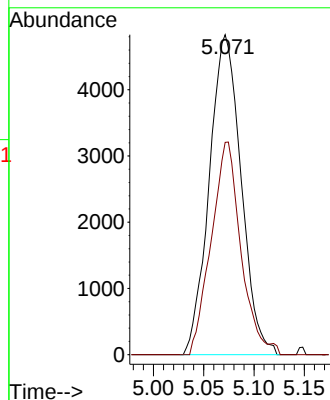
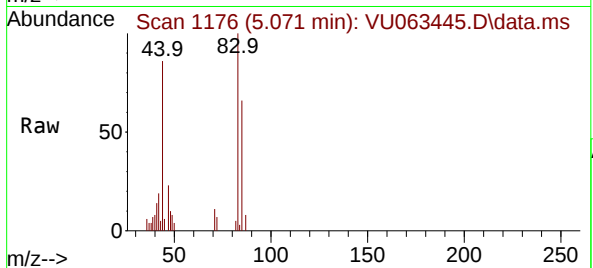
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 83 Resp: 10622

Ion Ratio Lower Upper

83 100

85 66.3 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 0.361 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

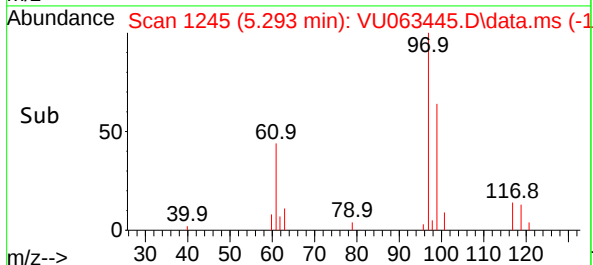
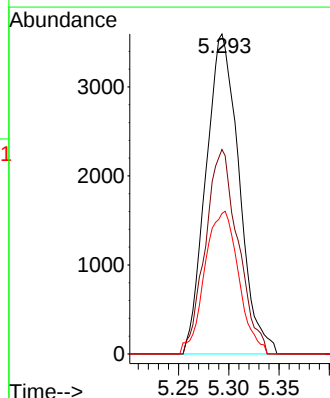
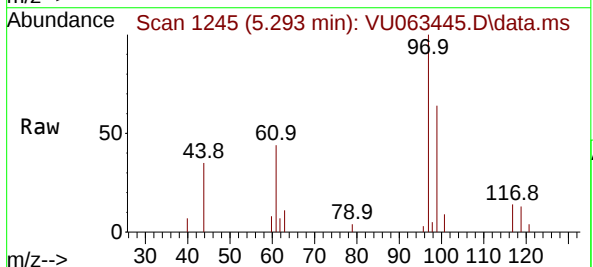
Tgt Ion: 97 Resp: 8230

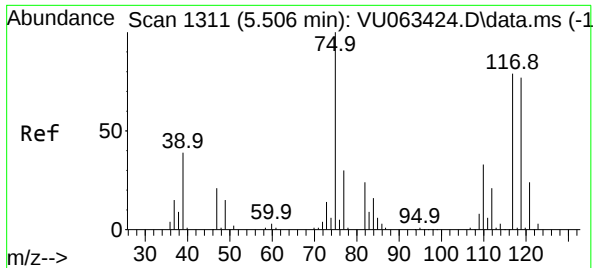
Ion Ratio Lower Upper

97 100

99 63.0 31.9 95.5

61 45.7 22.9 68.7

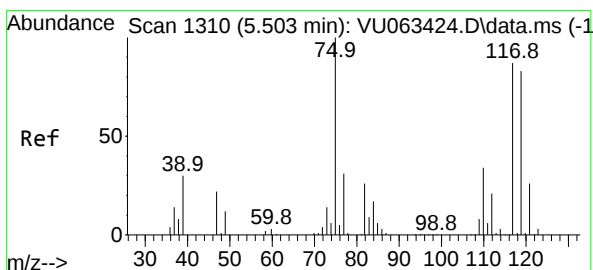
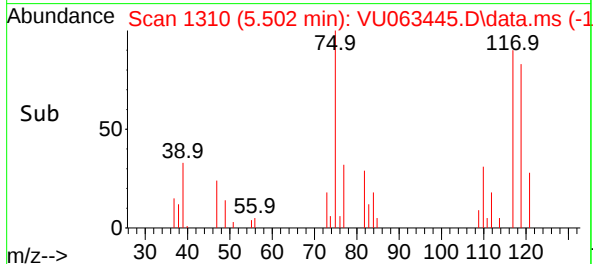
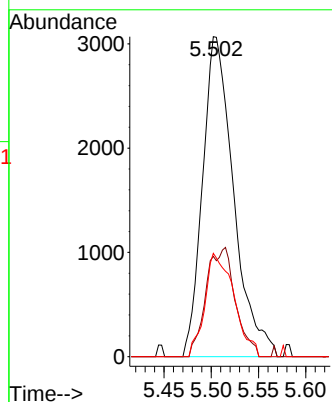
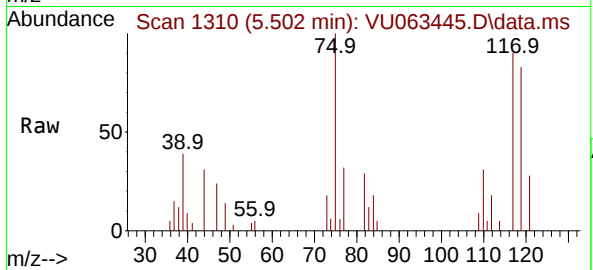




#29
1,1-Dichloropropene
Concen: 0.336 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

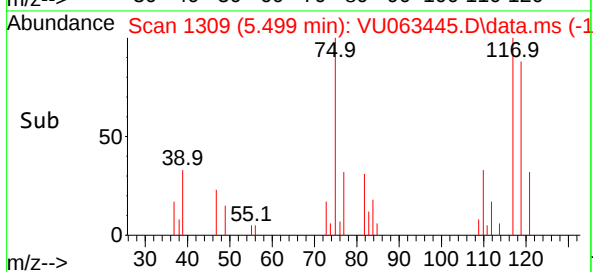
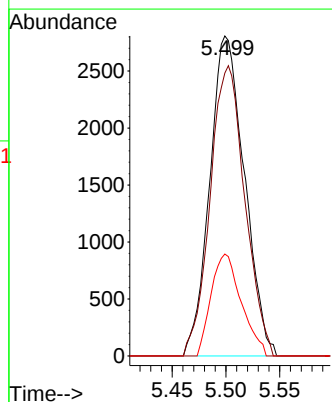
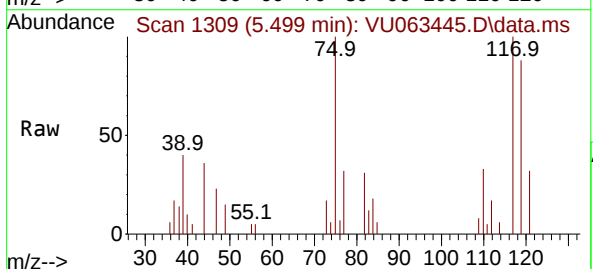
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

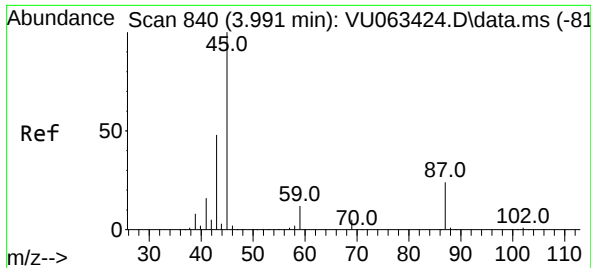
Tgt Ion: 75	Resp:	7005
Ion Ratio	Lower	Upper
75	100	
110	32.1	17.4 52.2
77	30.2	25.4 38.0



#30
Carbon Tetrachloride
Concen: 0.346 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 117	Resp:	6304
Ion Ratio	Lower	Upper
117	100	
119	88.4	76.7 115.1
121	31.8	24.3 36.5

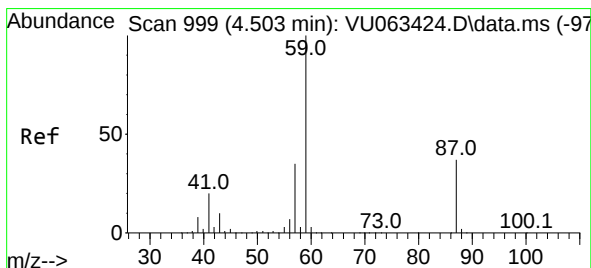
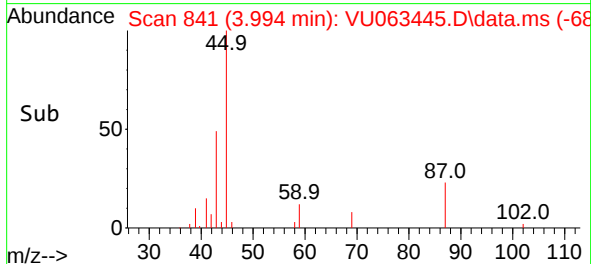
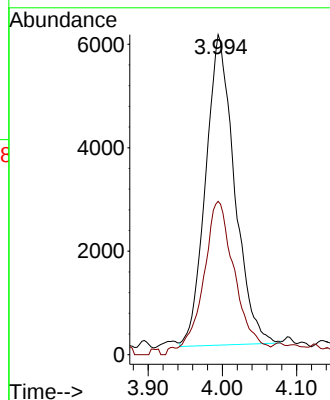
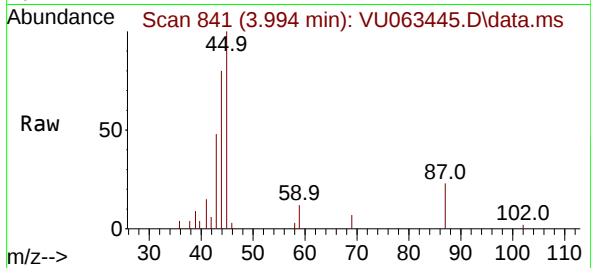




#31
Isopropyl Ether
Concen: 0.346 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

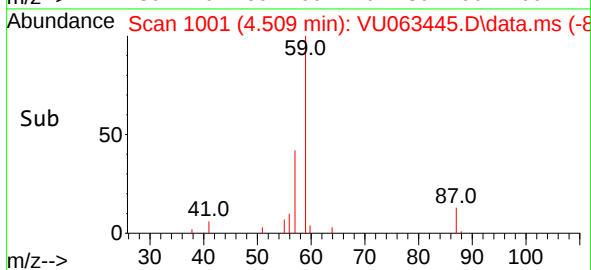
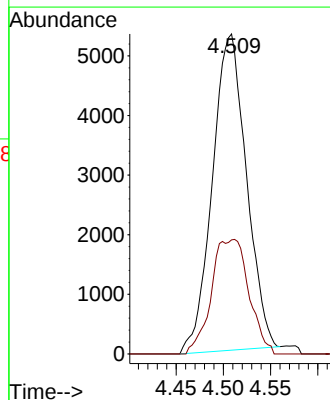
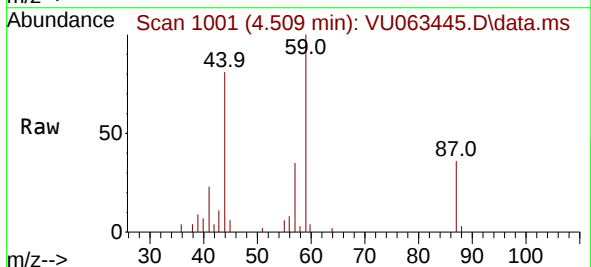
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 45 Resp: 16228
Ion Ratio Lower Upper
45 100
43 50.7 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 0.335 ug/l
RT: 4.509 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 59 Resp: 13301
Ion Ratio Lower Upper
59 100
87 39.7 29.9 44.9





#33

Tert-Amyl methyl ether

Concen: 0.324 ug/l

RT: 5.949 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

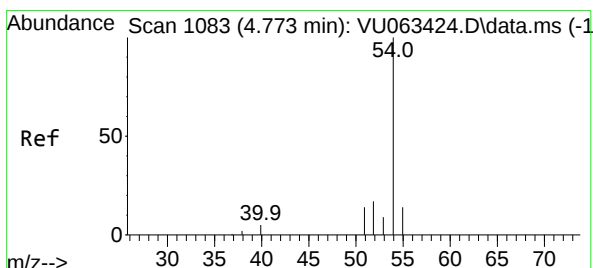
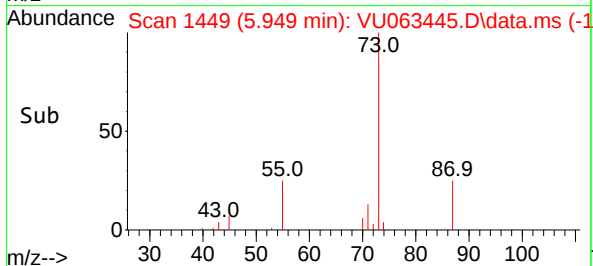
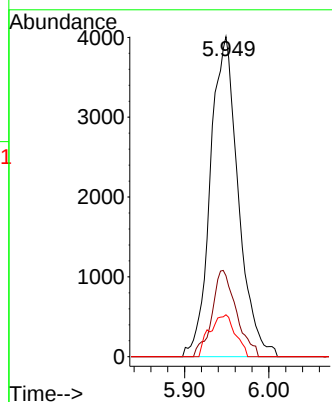
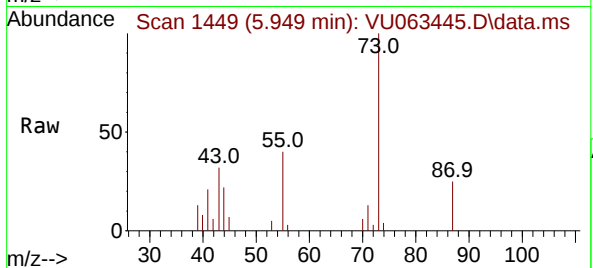
Tgt Ion: 73 Resp: 9214

Ion Ratio Lower Upper

73 100

87 23.5 18.1 27.1

71 12.0 10.0 15.0



#34

Propionitrile

Concen: 1.897 ug/l

RT: 4.785 min Scan# 1087

Delta R.T. 0.013 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Tgt Ion: 54 Resp: 2809

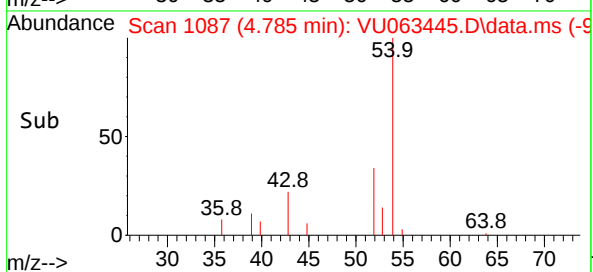
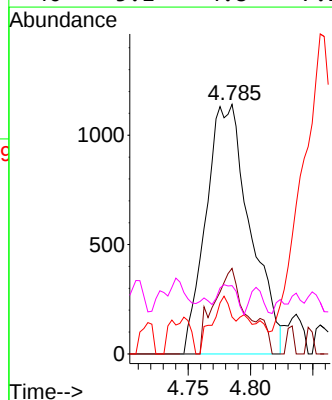
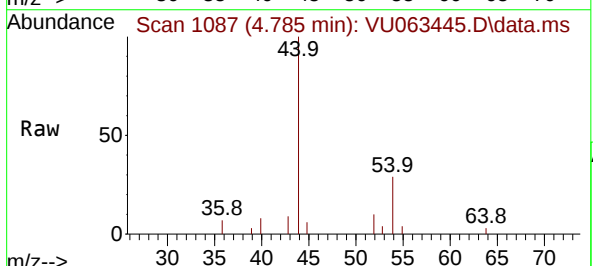
Ion Ratio Lower Upper

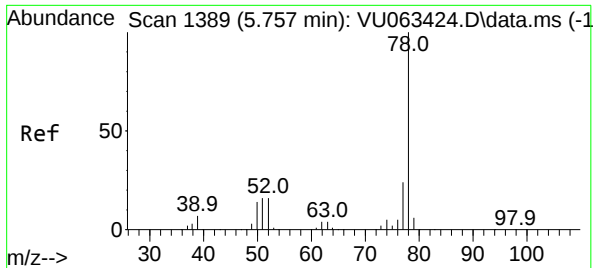
54 100

52 26.3 14.8 22.2#

55 11.0 12.2 18.2#

40 5.1 4.8 7.2

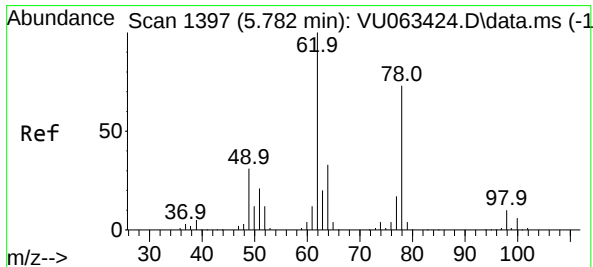
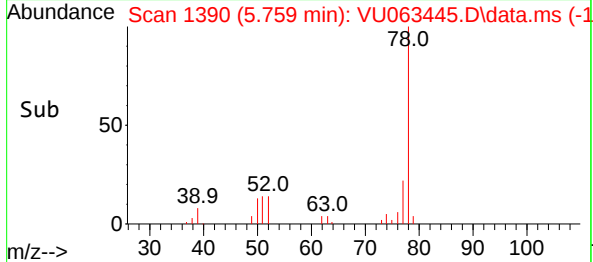
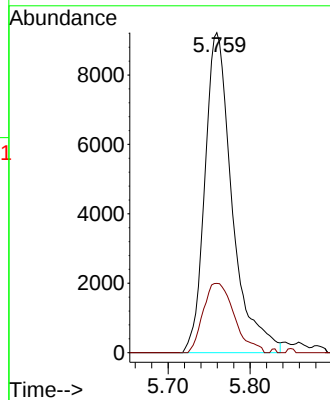
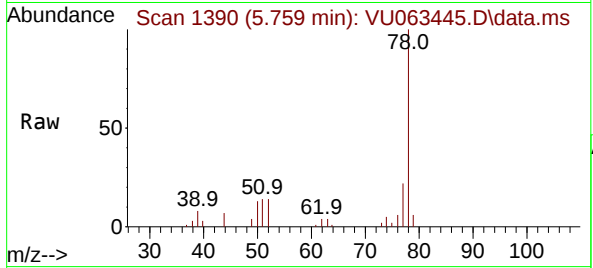




#35
Benzene
Concen: 0.338 ug/l
RT: 5.759 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

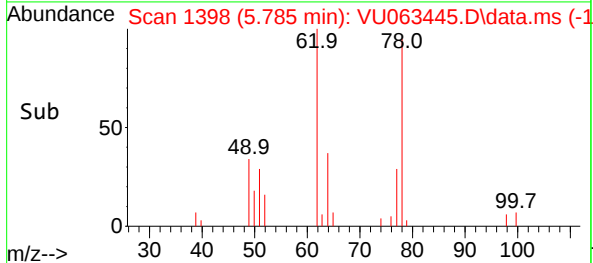
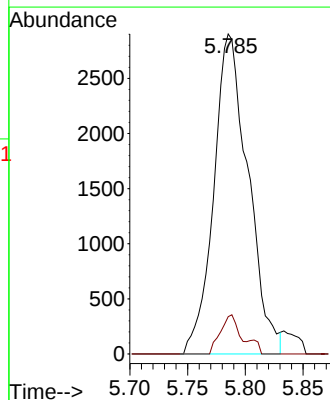
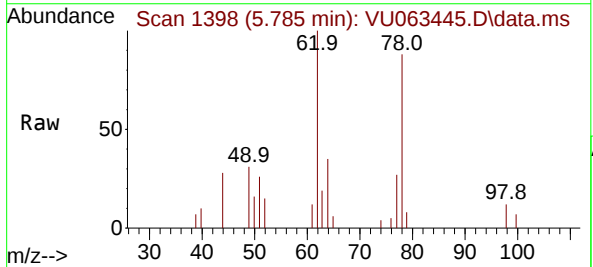
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

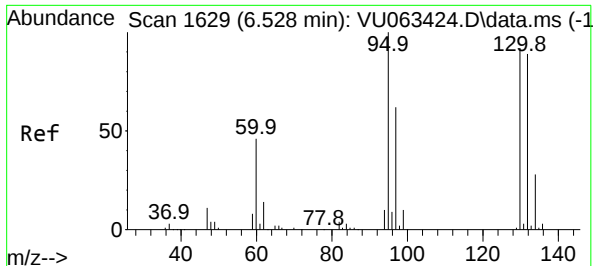
Tgt Ion: 78 Resp: 21289
Ion Ratio Lower Upper
78 100
77 21.7 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.327 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 62 Resp: 6024
Ion Ratio Lower Upper
62 100
98 6.7 7.1 10.7#





#37

Trichloroethene

Concen: 0.353 ug/l

RT: 6.531 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

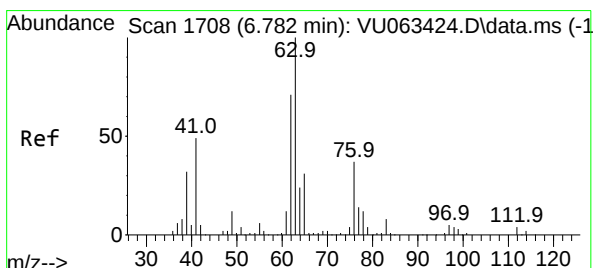
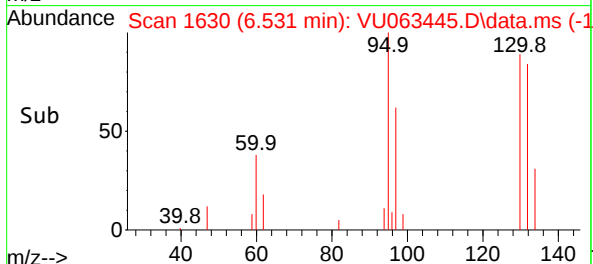
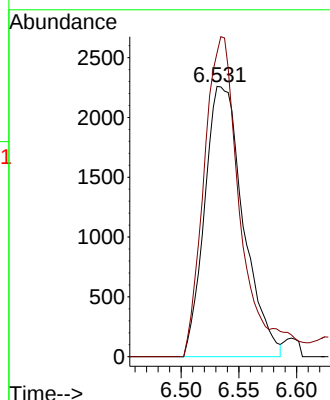
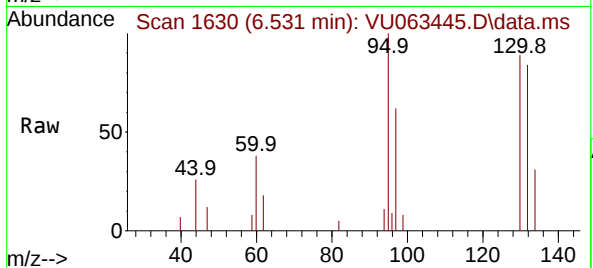
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:130 Resp: 5255

Ion Ratio Lower Upper

130 100

95 112.4 87.2 130.8



#38

1,2-Dichloropropane

Concen: 0.358 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU063445.D

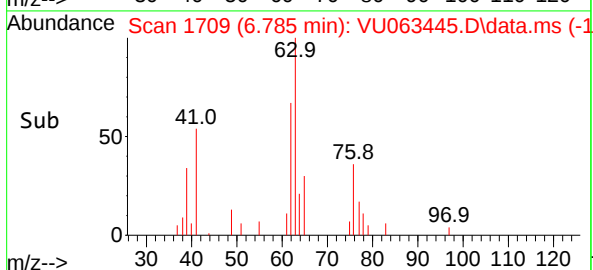
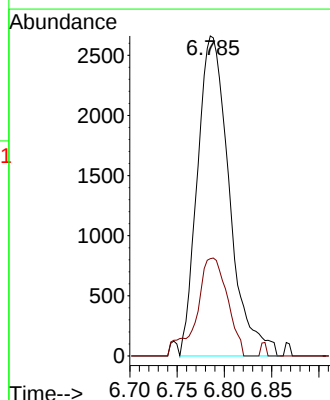
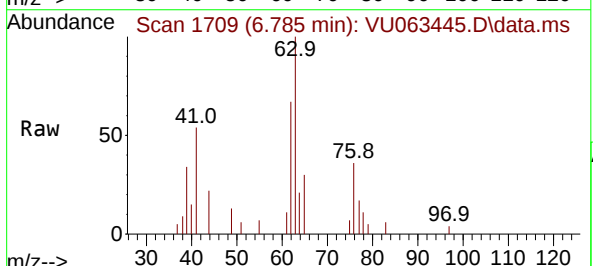
Acq: 24 Jun 2025 18:56

Tgt Ion: 63 Resp: 6234

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.6

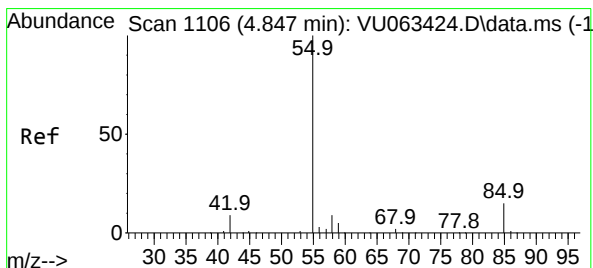
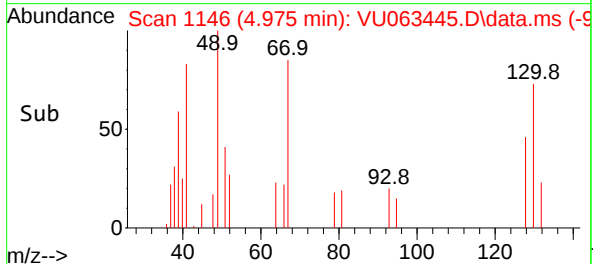
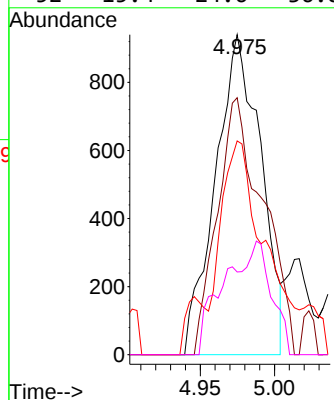
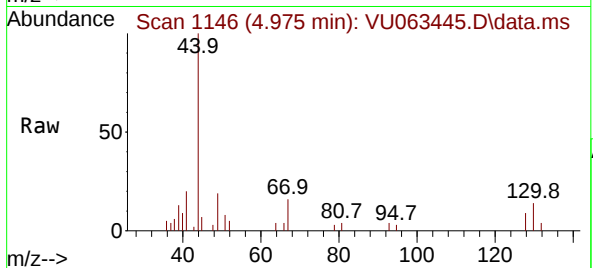




#39
Methacrylonitrile
Concen: 0.325 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

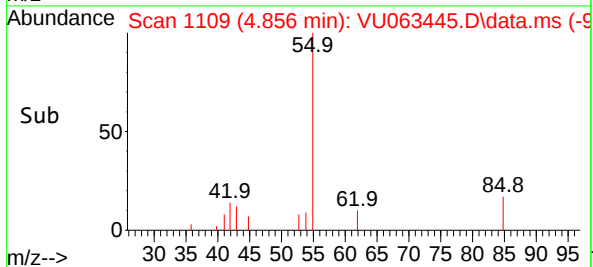
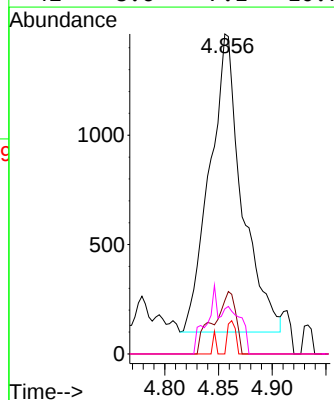
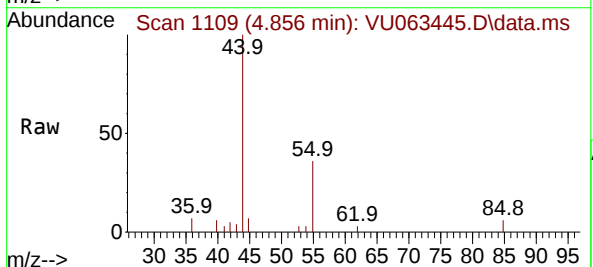
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:	41	Resp:	2000
Ion	Ratio	Lower	Upper
41	100		
67	81.3	59.8	89.8
39	49.4	40.7	61.1
52	15.4	24.6	36.8



#40
Methyl acrylate
Concen: 0.328 ug/l
RT: 4.856 min Scan# 1109
Delta R.T. 0.009 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion:	55	Resp:	2841
Ion	Ratio	Lower	Upper
55	100		
85	14.4	12.6	19.0
58	2.7	6.9	10.3
42	8.6	7.1	10.7





#41

Tetrahydrofuran

Concen: 0.803 ug/l

RT: 5.065 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

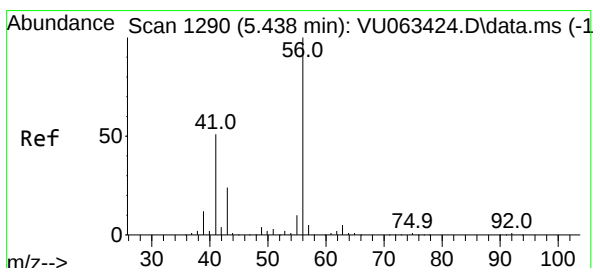
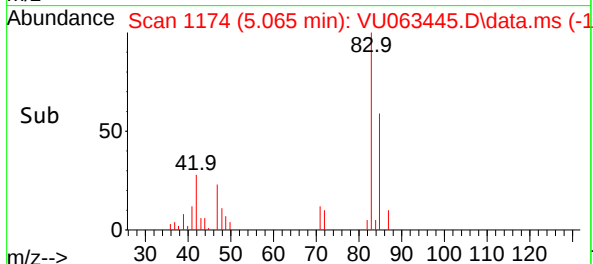
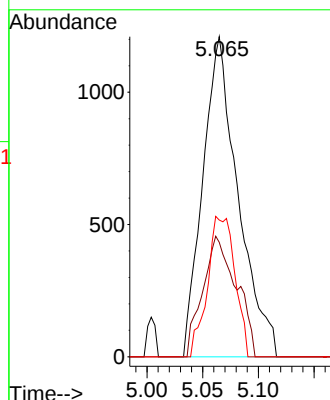
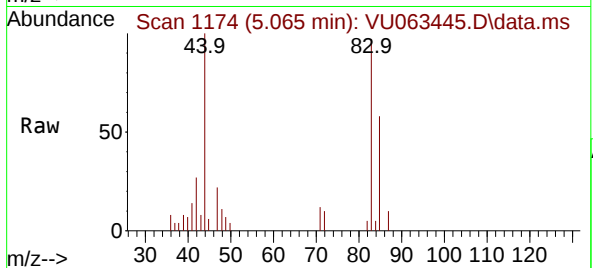
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:	42	Resp:	2661
Ion Ratio	Lower	Upper	
42	100		
72	35.8	35.4	53.2
71	34.1	31.4	47.0



#42

1-Chlorobutane

Concen: 0.308 ug/l

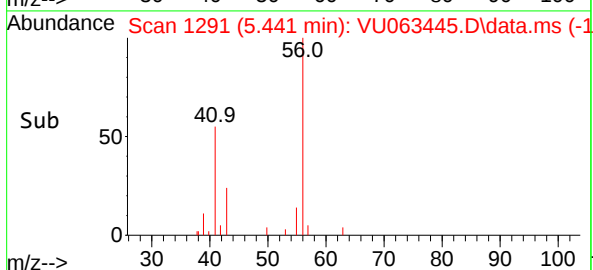
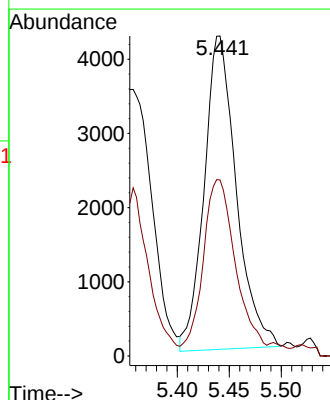
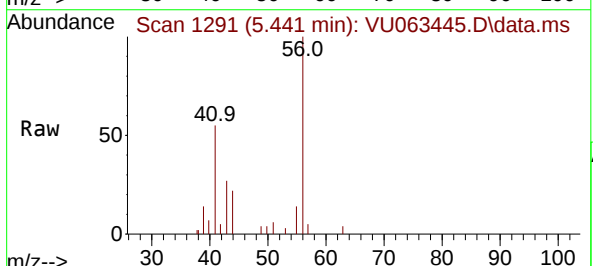
RT: 5.441 min Scan# 1291

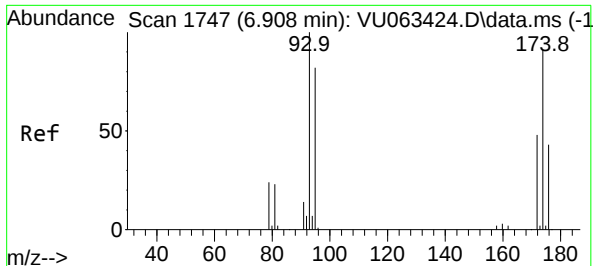
Delta R.T. 0.003 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

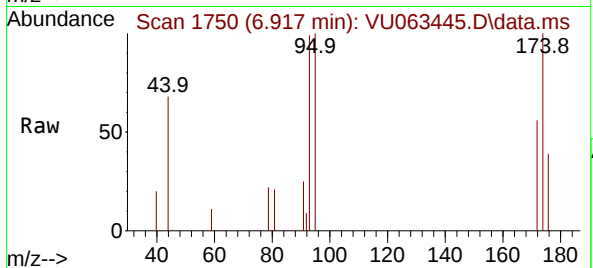
Tgt Ion:	56	Resp:	9092
Ion Ratio	Lower	Upper	
56	100		
41	52.6	26.4	79.0



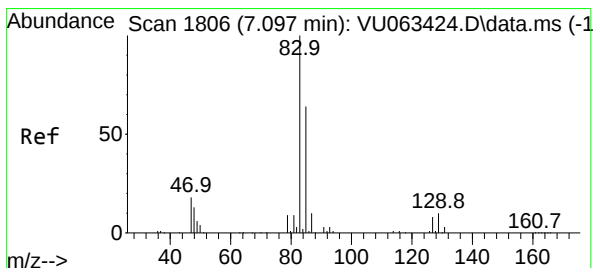
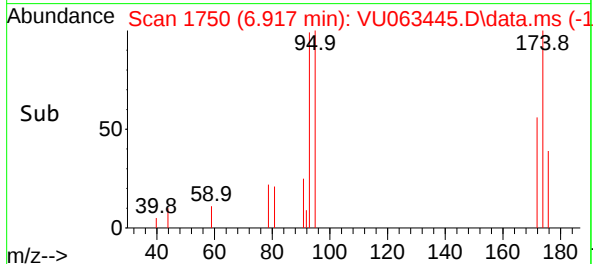
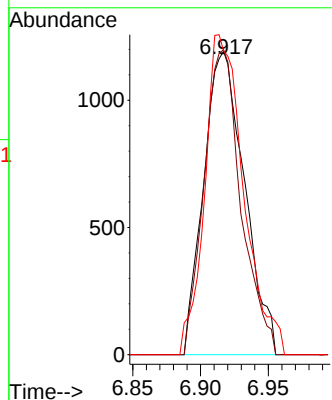


#43
Dibromomethane
Concen: 0.307 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.009 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

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

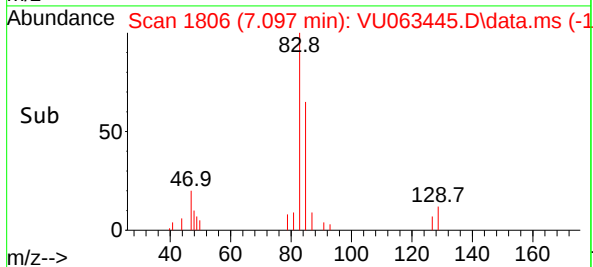
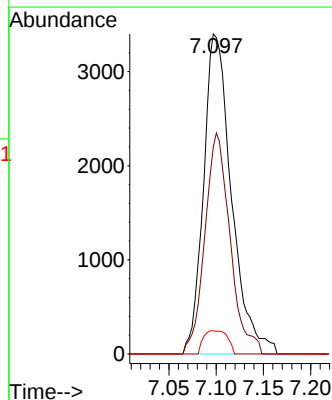
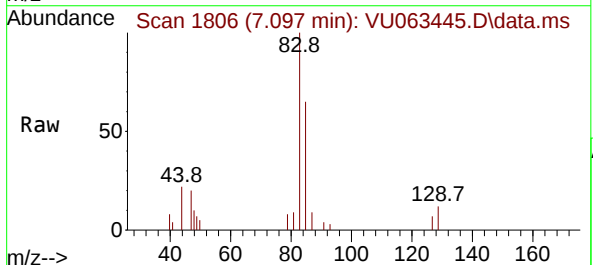


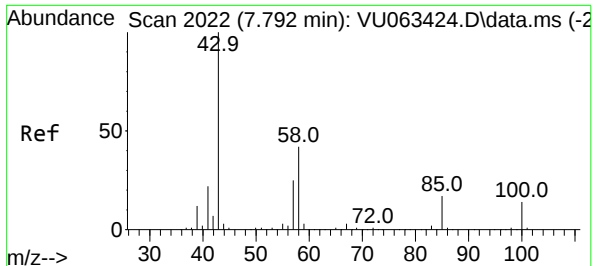
Tgt Ion	93	Resp:	2494
Ion Ratio	100	Lower	Upper
93	100		
95	91.5	66.7	100.1
174	100.9	71.1	106.7



#44
Bromodichloromethane
Concen: 0.353 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion	83	Resp:	6991
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	51.4	77.2
127	7.3	6.6	10.0





#45

4-Methyl-2-Pentanone

Concen: 1.427 ug/l

RT: 7.804 min Scan# 2022

Delta R.T. 0.013 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

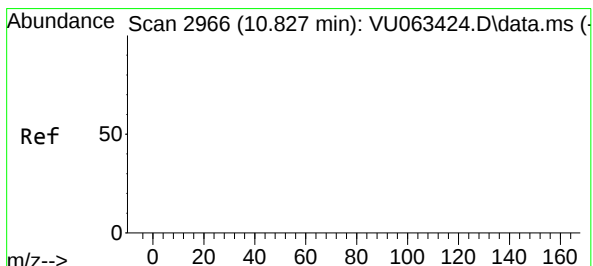
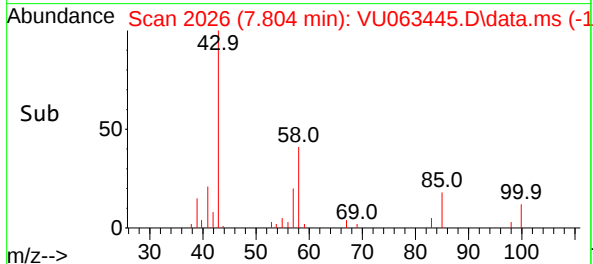
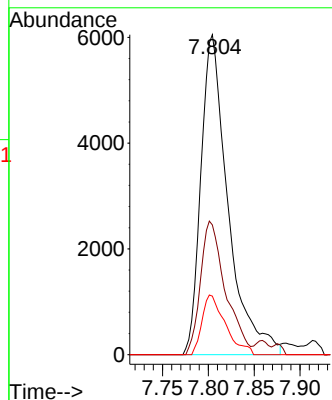
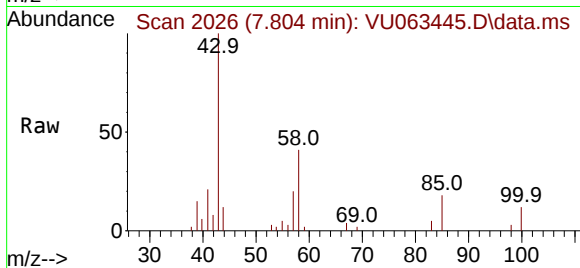
Tgt Ion: 43 Resp: 12450

Ion Ratio Lower Upper

43 100

58 38.4 20.5 61.6

85 16.0 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 1.925 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Tgt Ion: 75 Resp: 5520

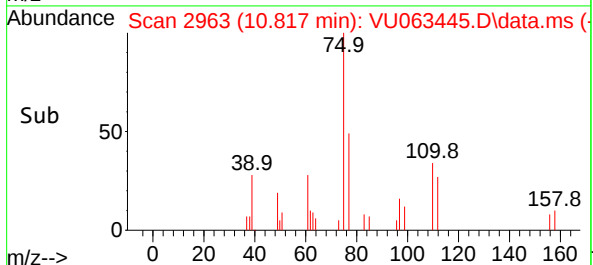
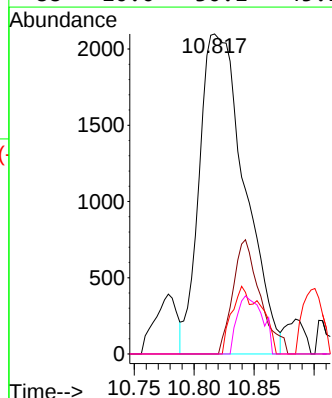
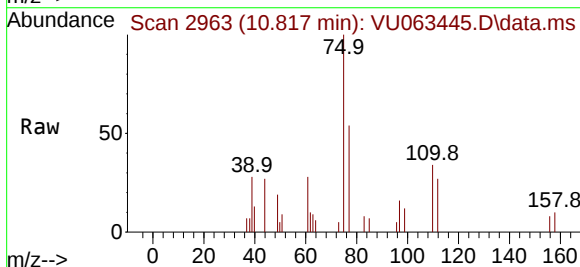
Ion Ratio Lower Upper

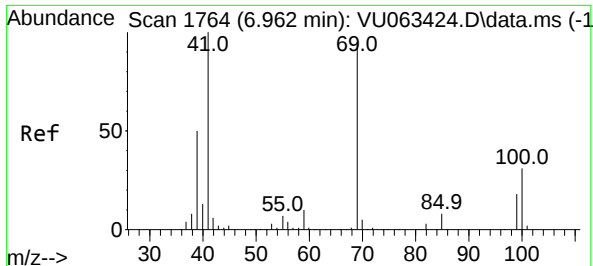
75 100

53 21.4 61.4 92.2#

89 13.6 39.2 58.8#

88 10.0 30.1 45.1#





#47

Methyl methacrylate

Concen: 0.535 ug/l

RT: 6.981 min Scan# 1

Delta R.T. 0.019 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 69 Resp: 3370

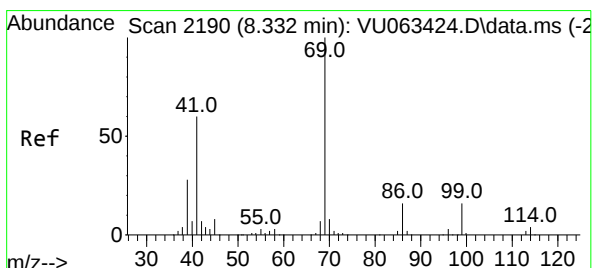
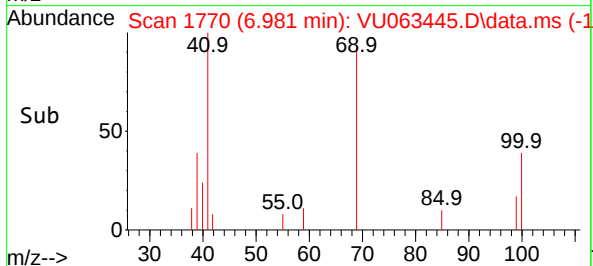
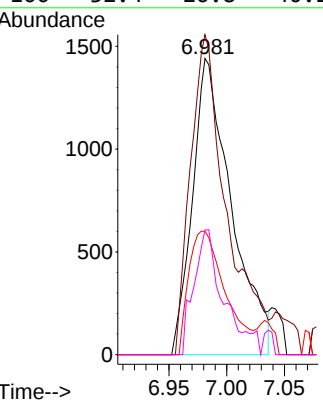
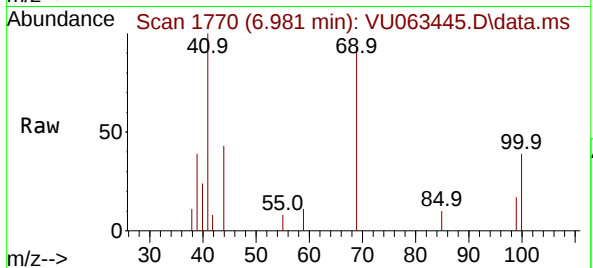
Ion Ratio Lower Upper

69 100

41 100.7 0.0 212.6

39 39.5 40.6 61.0#

100 32.4 26.8 40.2



#48

Ethyl methacrylate

Concen: 0.282 ug/l

RT: 8.341 min Scan# 2193

Delta R.T. 0.009 min

Lab File: VU063445.D

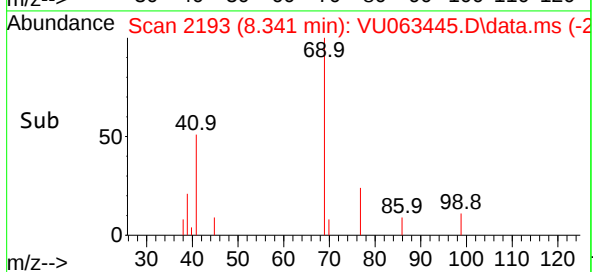
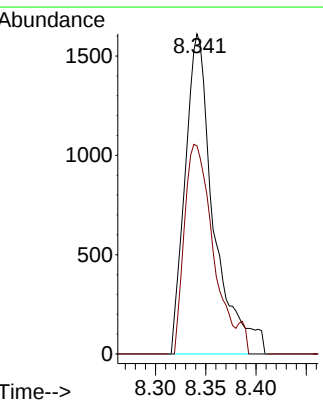
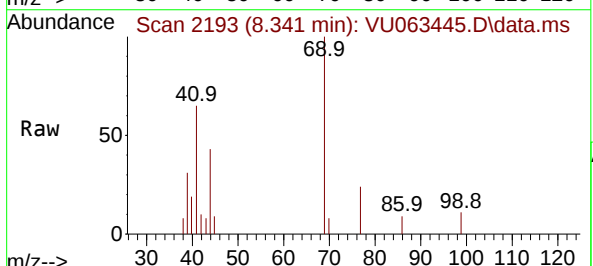
Acq: 24 Jun 2025 18:56

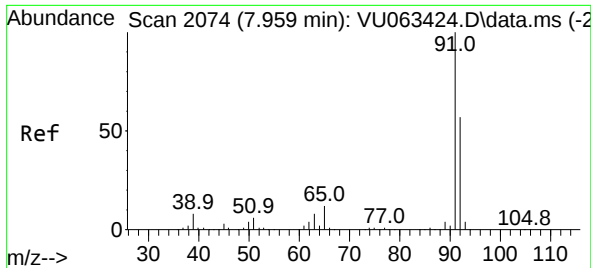
Tgt Ion: 69 Resp: 3179

Ion Ratio Lower Upper

69 100

41 65.1 30.6 92.0





#49

Toluene

Concen: 0.288 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

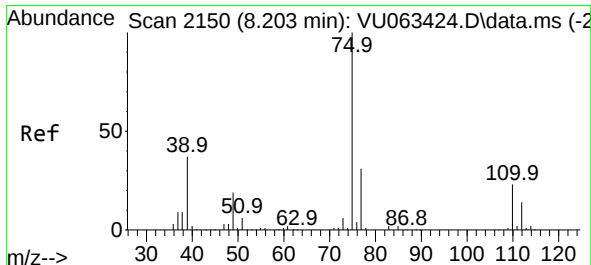
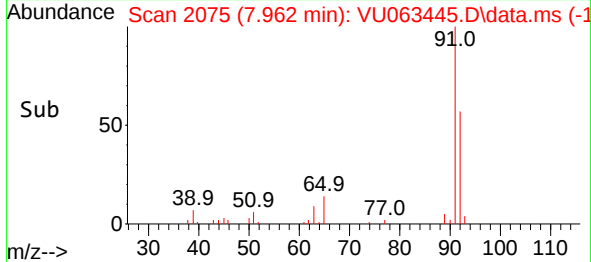
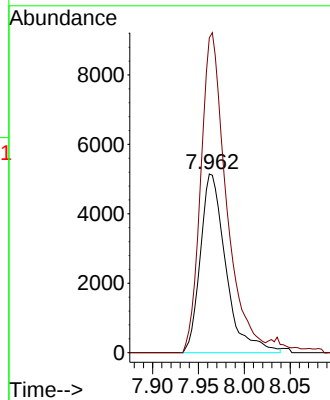
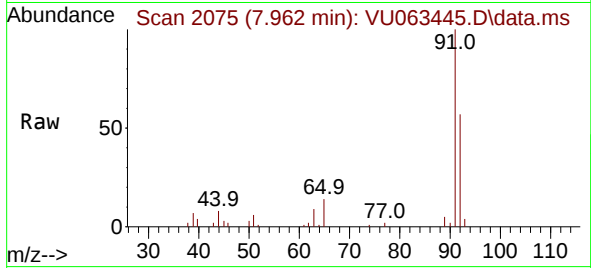
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 92 Resp: 9964

Ion Ratio Lower Upper

92 100

91 178.7 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 0.277 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063445.D

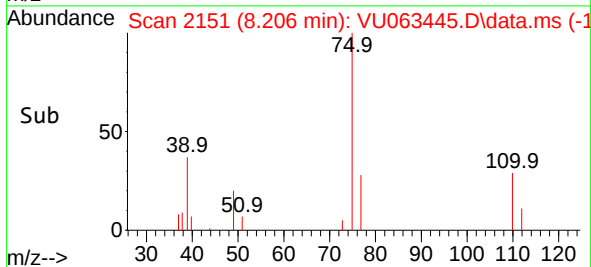
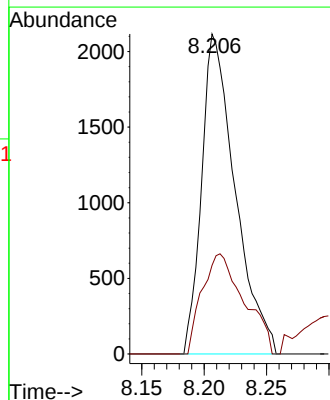
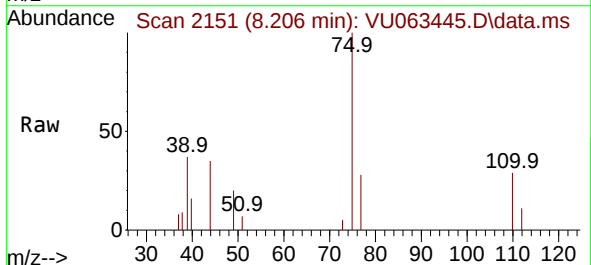
Acq: 24 Jun 2025 18:56

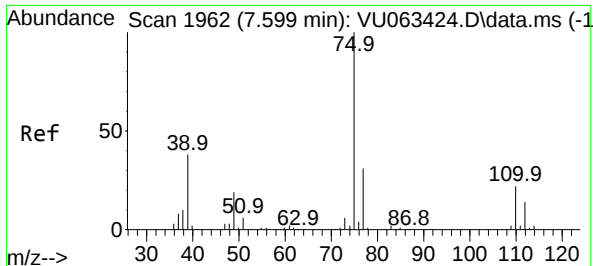
Tgt Ion: 75 Resp: 3953

Ion Ratio Lower Upper

75 100

77 27.7 24.5 36.7

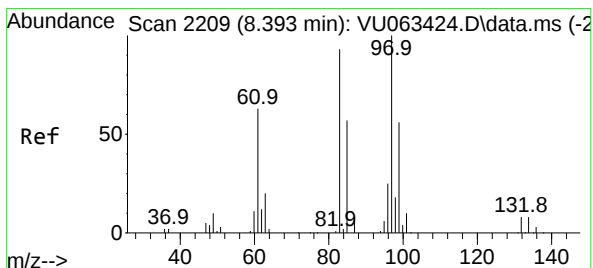
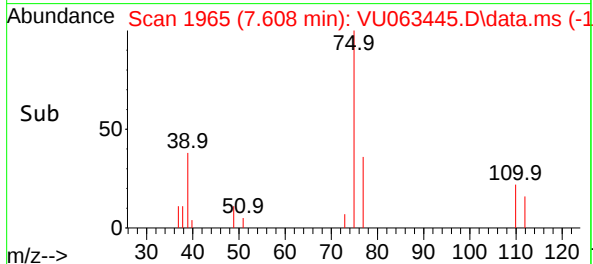
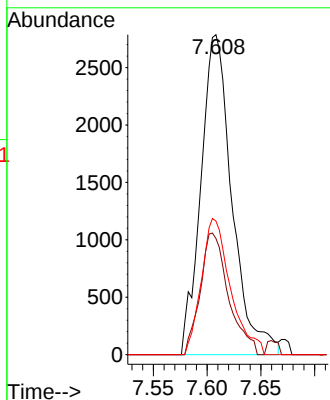
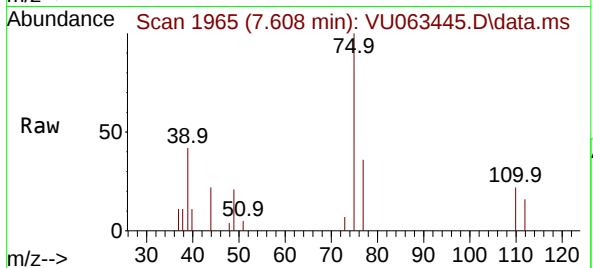




#51
 cis-1,3-Dichloropropene
 Concen: 0.293 ug/l
 RT: 7.608 min Scan# 1965
 Delta R.T. 0.009 min
 Lab File: VU063445.D
 Acq: 24 Jun 2025 18:56

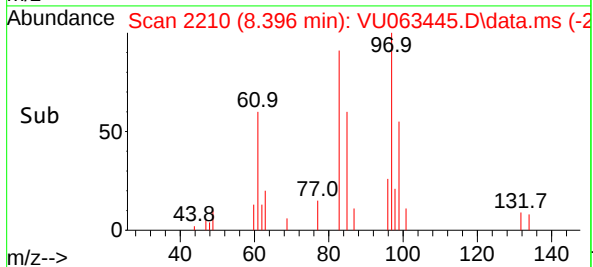
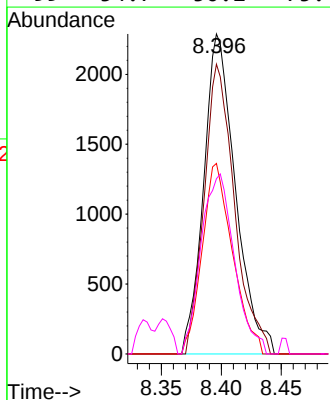
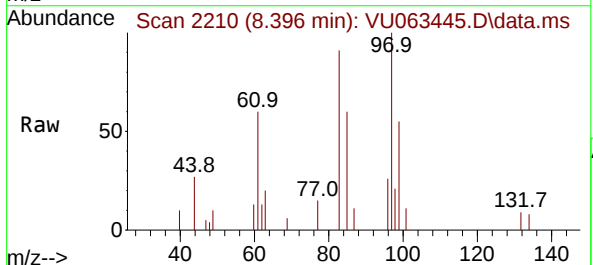
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

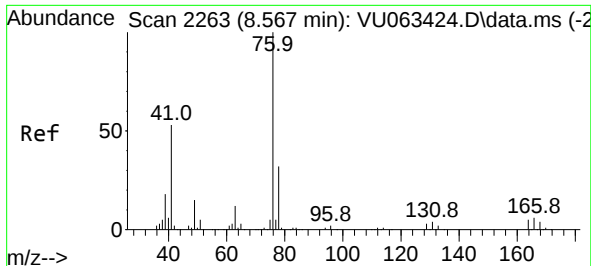
Tgt Ion:	75	Resp:	5625
Ion	Ratio	Lower	Upper
75	100		
77	36.3	24.8	37.2
39	41.8	30.7	46.1



#52
 1,1,2-Trichloroethane
 Concen: 0.355 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063445.D
 Acq: 24 Jun 2025 18:56

Tgt Ion:	97	Resp:	4218
Ion	Ratio	Lower	Upper
97	100		
83	90.6	74.1	111.1
85	59.5	45.8	68.8
99	54.7	50.2	75.4





#53

1,3-Dichloropropane

Concen: 0.324 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

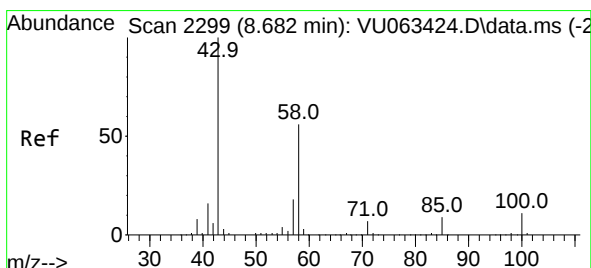
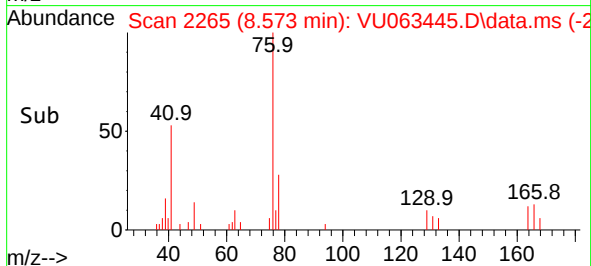
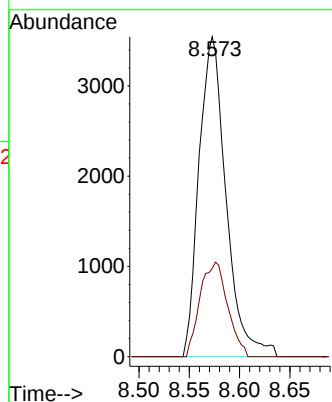
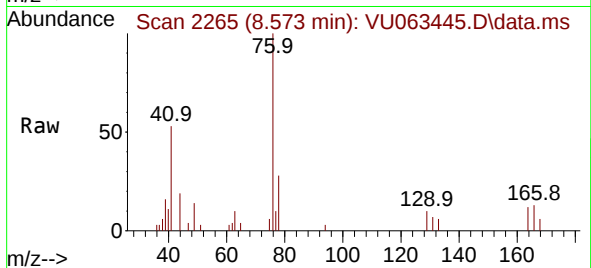
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 6631

Ion Ratio Lower Upper

76 100

78 30.0 25.7 38.5



#54

2-Hexanone

Concen: 1.382 ug/l

RT: 8.698 min Scan# 2304

Delta R.T. 0.016 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

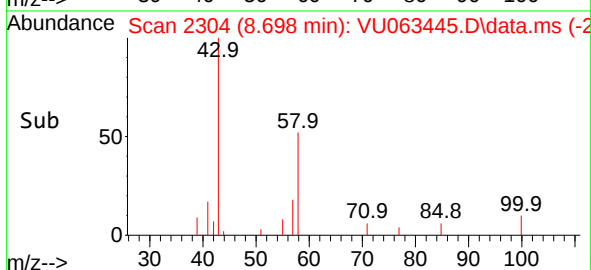
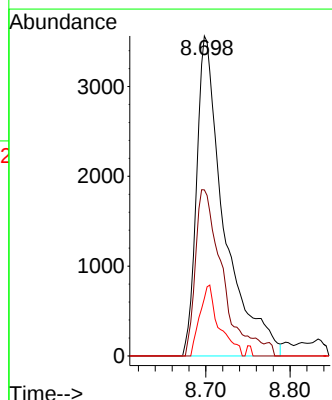
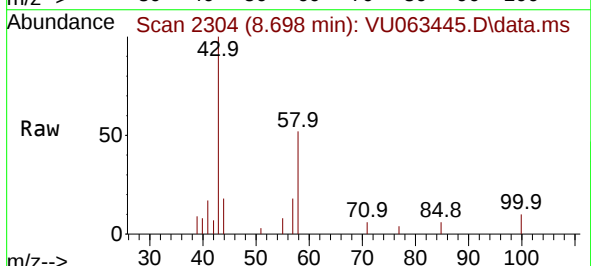
Tgt Ion: 43 Resp: 8091

Ion Ratio Lower Upper

43 100

58 50.7 36.9 76.9

57 15.5 0.0 38.8

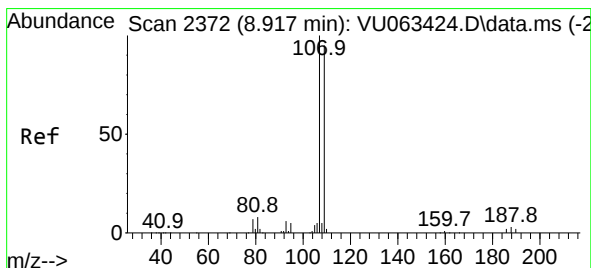
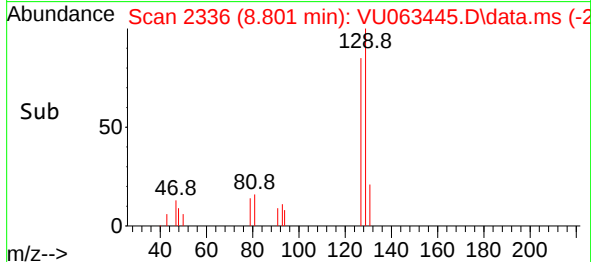
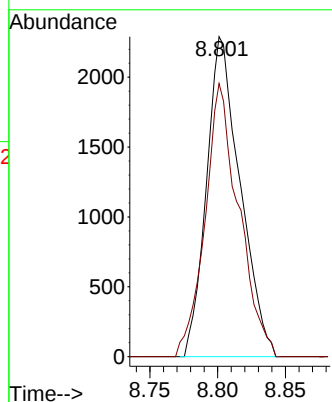
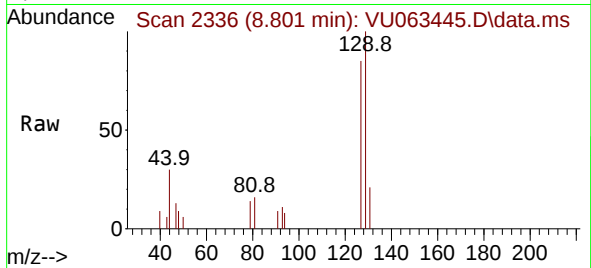




#55
Dibromochloromethane
Concen: 0.323 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

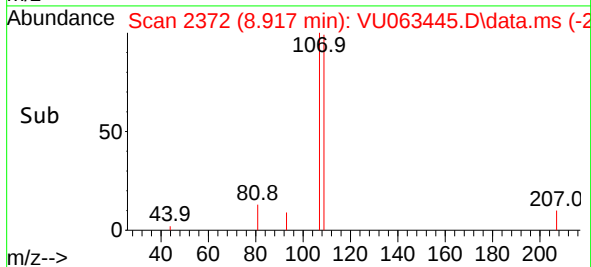
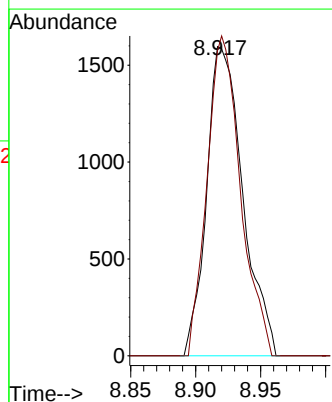
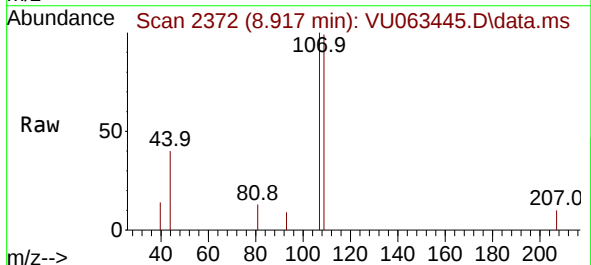
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

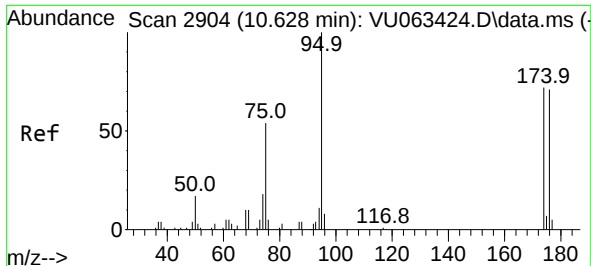
Tgt Ion:129 Resp: 3954
Ion Ratio Lower Upper
129 100
127 85.5 62.6 93.8



#56
1,2-Dibromoethane
Concen: 0.322 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion:107 Resp: 3099
Ion Ratio Lower Upper
107 100
109 95.4 0.0 188.0

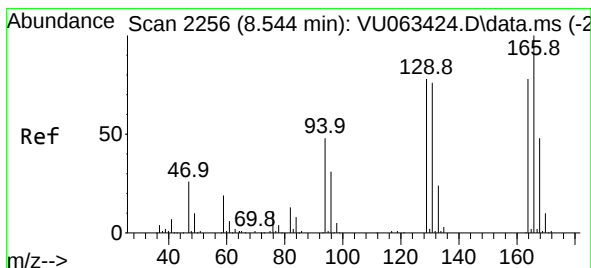
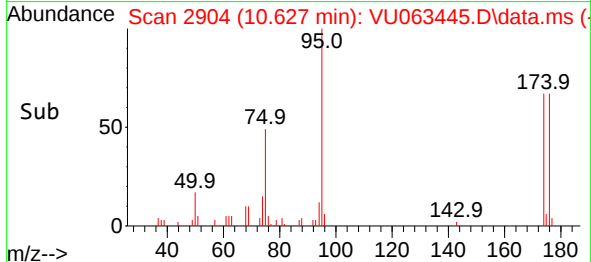
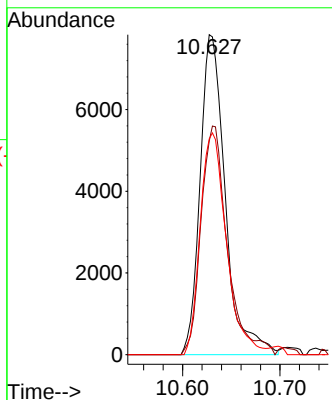
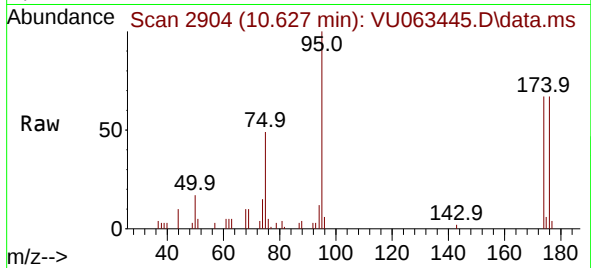




#57
4-Bromofluorobenzene
Concen: 0.790 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

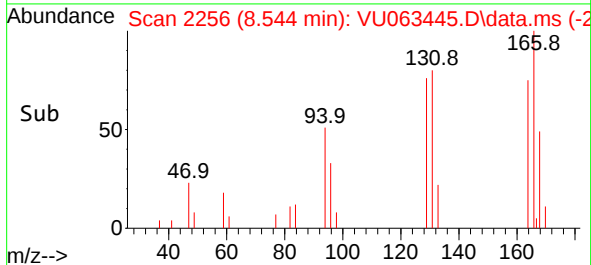
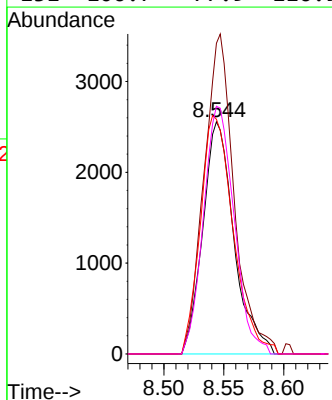
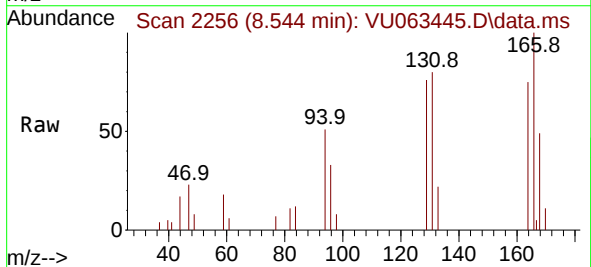
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

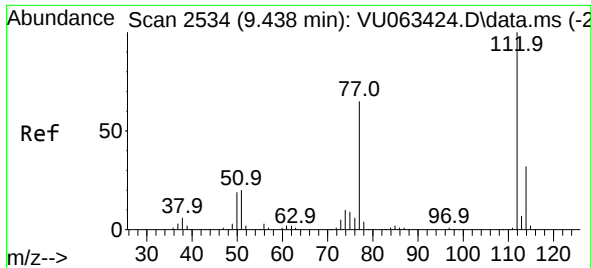
Tgt Ion: 95 Resp: 14024
Ion Ratio Lower Upper
95 100
174 75.0 59.4 89.2
176 72.4 57.8 86.6



#58
Tetrachloroethene
Concen: 0.316 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 164 Resp: 4611
Ion Ratio Lower Upper
164 100
166 133.8 102.8 154.2
129 101.1 80.2 120.2
131 106.7 77.9 116.9

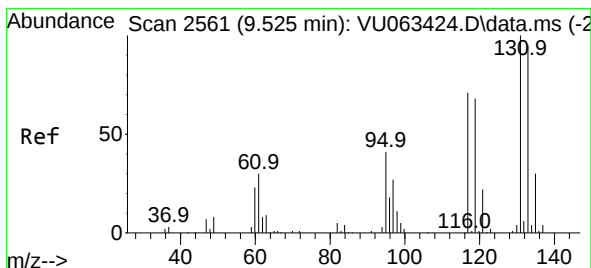
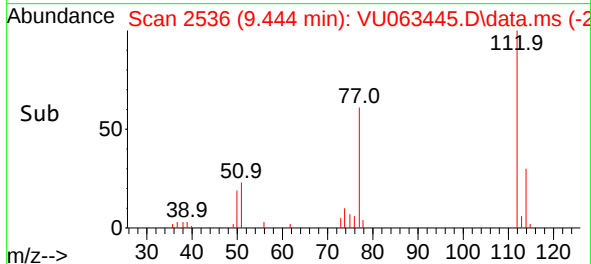
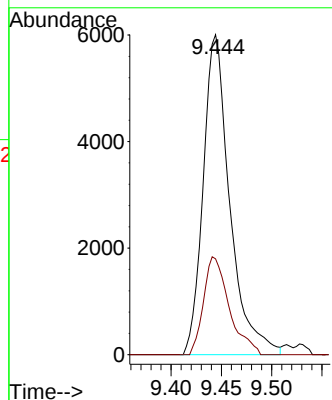
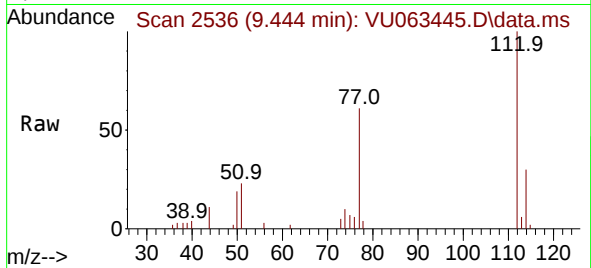




#59
Chlorobenzene
Concen: 0.299 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

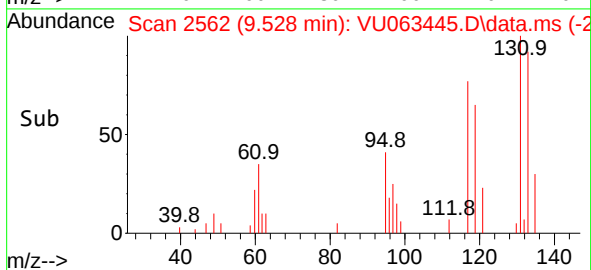
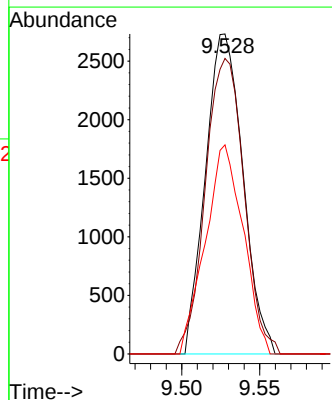
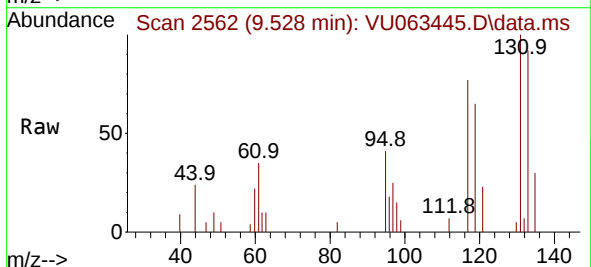
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

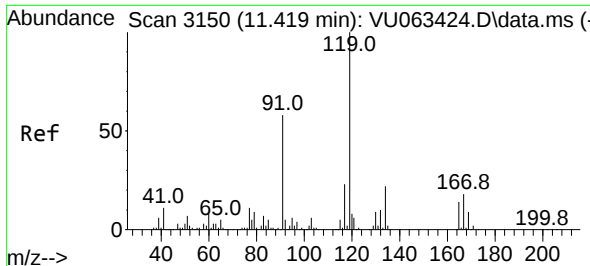
Tgt Ion:112 Resp: 11071
Ion Ratio Lower Upper
112 100
114 29.9 25.7 38.5



#60
1,1,1,2-Tetrachloroethane
Concen: 0.343 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion:131 Resp: 4575
Ion Ratio Lower Upper
131 100
133 95.0 76.1 114.1
119 65.9 53.7 80.5

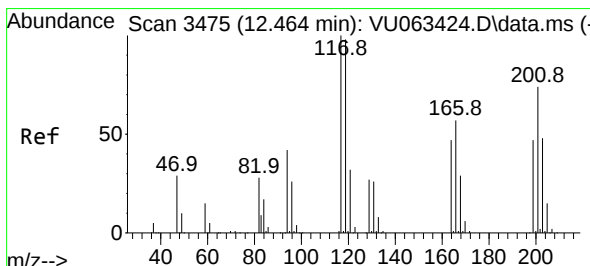
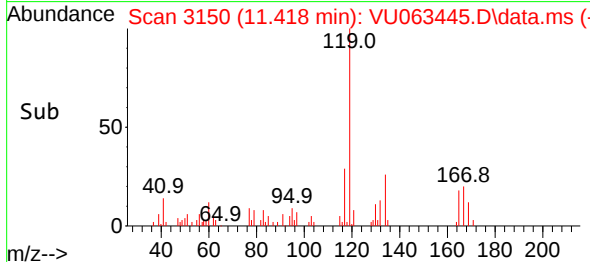
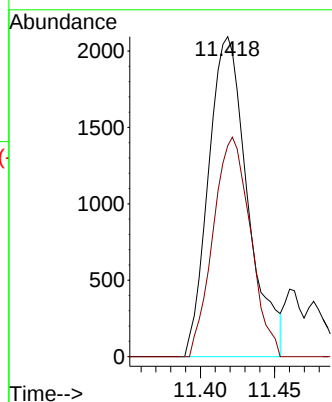
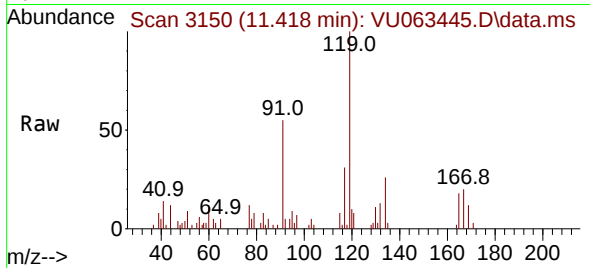




#61
 Pentachloroethane
 Concen: 0.353 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.001 min
 Lab File: VU063445.D
 Acq: 24 Jun 2025 18:56

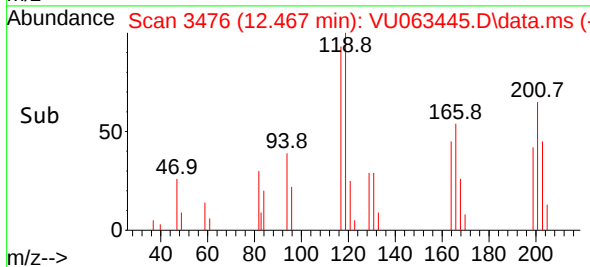
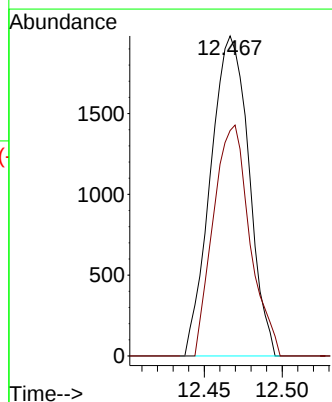
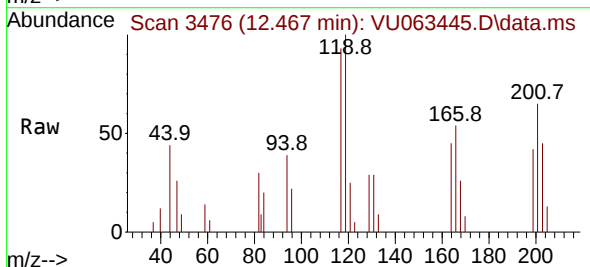
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

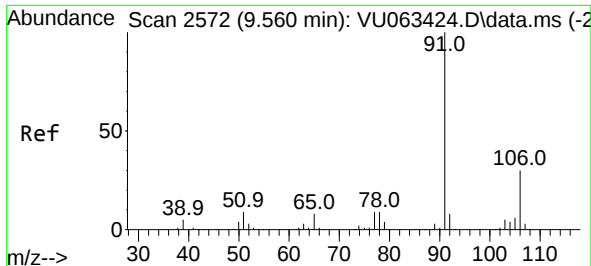
Tgt Ion:117 Resp: 3838
 Ion Ratio Lower Upper
 117 100
 167 65.3 58.1 87.1



#62
 Hexachloroethane
 Concen: 0.346 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VU063445.D
 Acq: 24 Jun 2025 18:56

Tgt Ion:117 Resp: 3383
 Ion Ratio Lower Upper
 117 100
 201 68.8 60.4 90.6

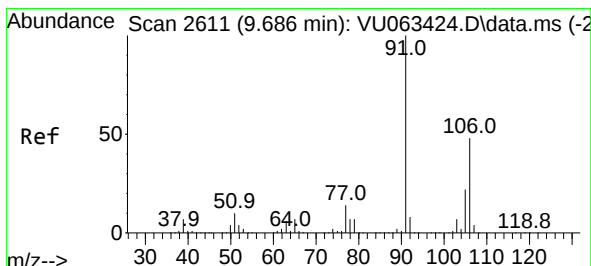
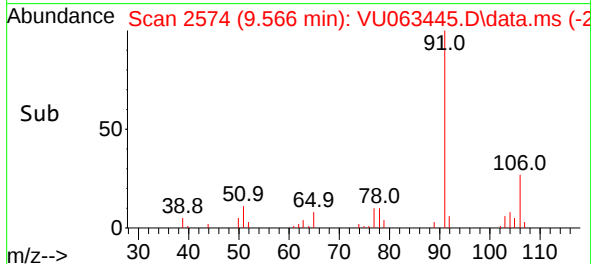
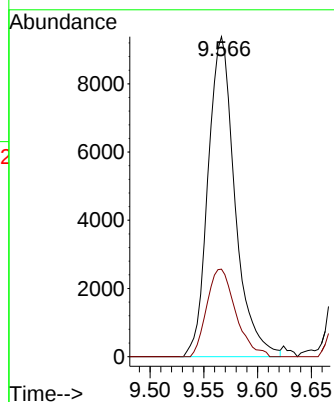
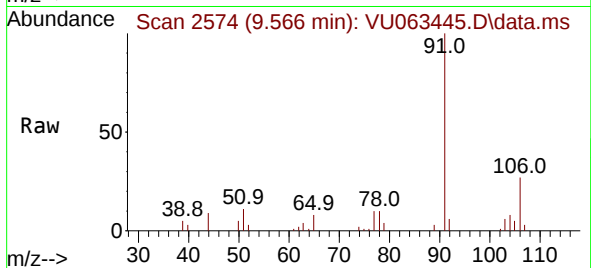




#63
Ethyl Benzene
Concen: 0.275 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

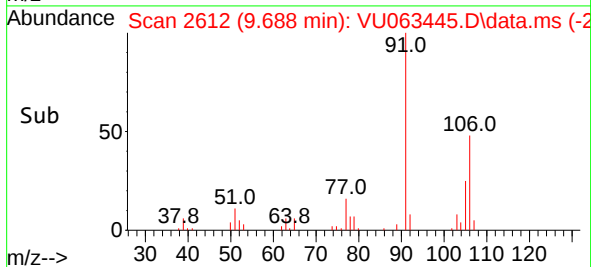
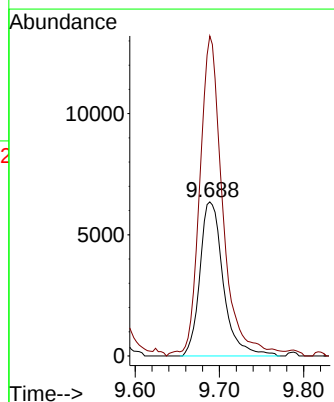
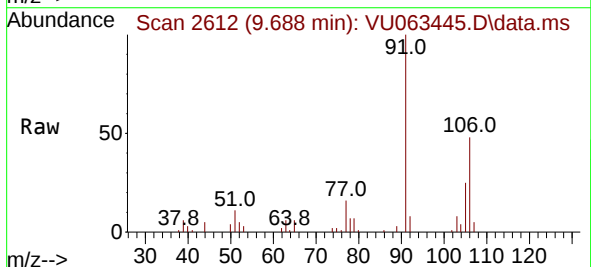
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

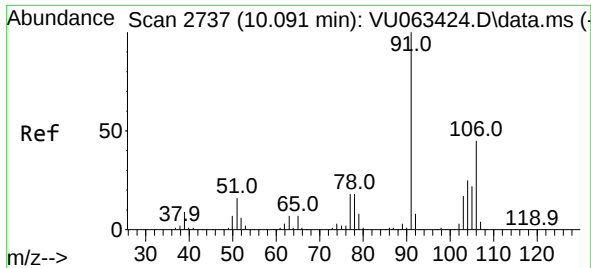
Tgt Ion: 91 Resp: 16354
Ion Ratio Lower Upper
91 100
106 27.3 24.2 36.2



#64
m/p-Xylenes
Concen: 0.531 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 106 Resp: 12297
Ion Ratio Lower Upper
106 100
91 203.6 169.9 254.9

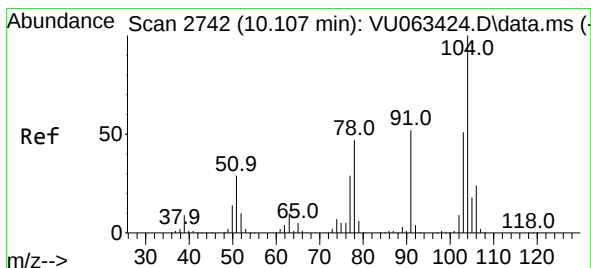
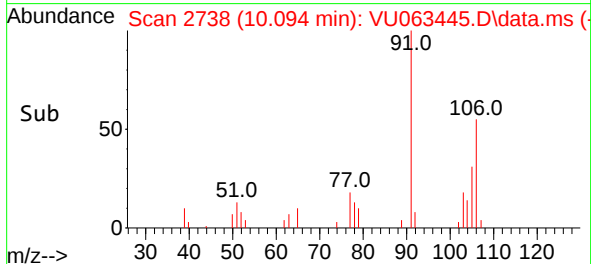
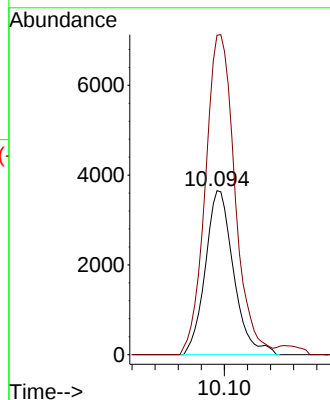
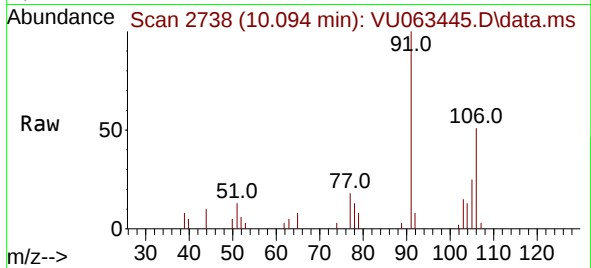




#65
o-Xylene
Concen: 0.275 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

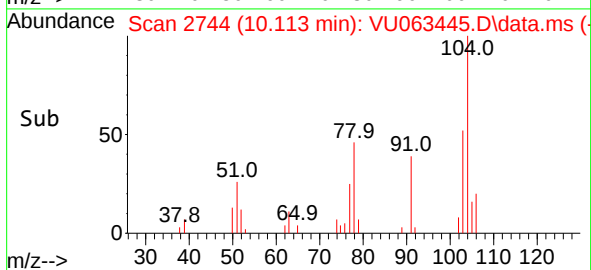
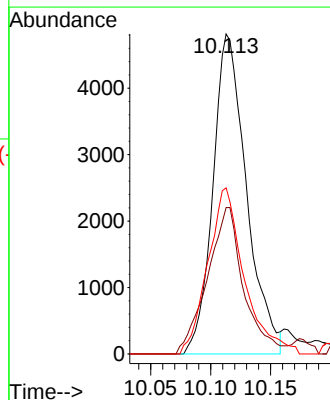
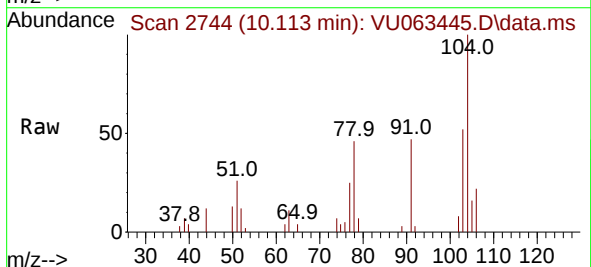
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:106 Resp: 6197
Ion Ratio Lower Upper
106 100
91 204.4 110.8 332.3



#66
Styrene
Concen: 0.255 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion:104 Resp: 9357
Ion Ratio Lower Upper
104 100
78 49.3 41.6 62.4
103 56.2 44.6 67.0





#67

Bromoform

Concen: 0.347 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

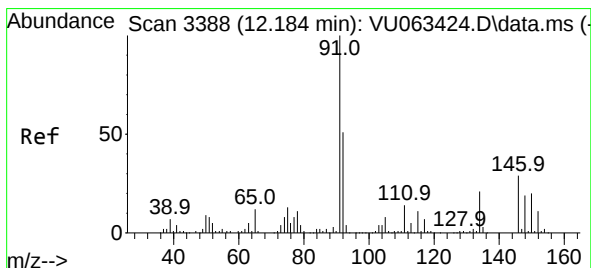
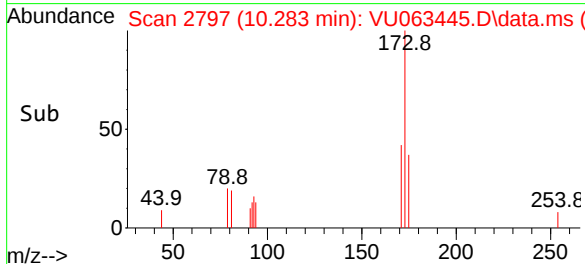
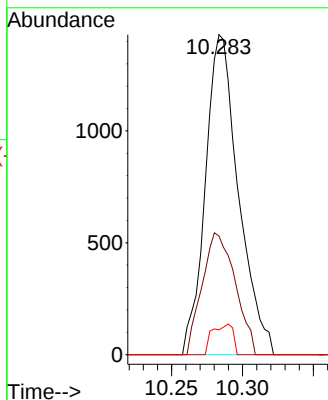
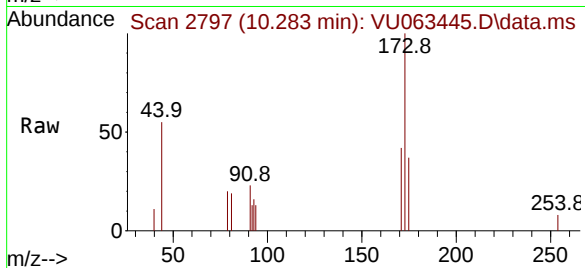
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:	173	Resp:	2324
Ion Ratio	Lower	Upper	
173	100		
175	38.0	38.2	57.2#
254	5.9	7.6	11.4#



#68

1,2-Dichlorobenzene-d4

Concen: 0.848 ug/l

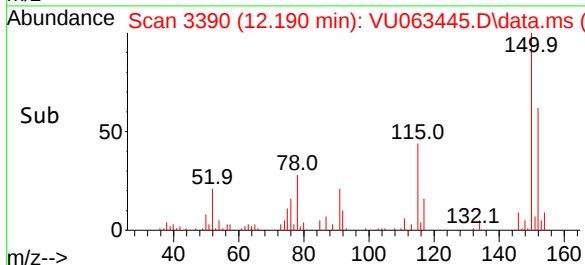
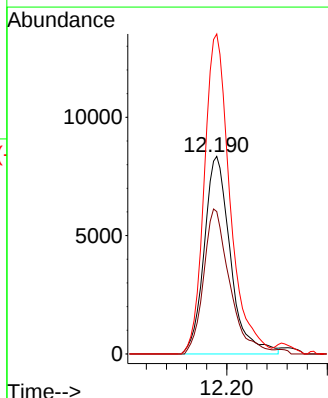
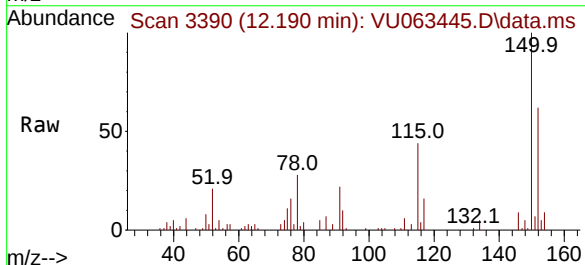
RT: 12.190 min Scan# 3390

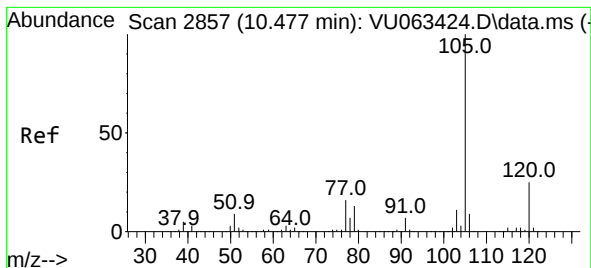
Delta R.T. 0.006 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Tgt Ion:	152	Resp:	15125
Ion Ratio	Lower	Upper	
152	100		
115	73.0	0.0	327.6
150	158.4	0.0	664.4





#69

Isopropylbenzene

Concen: 0.268 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.001 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

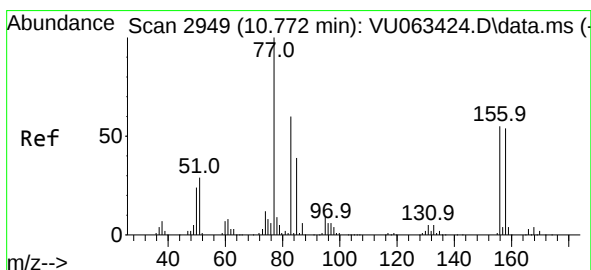
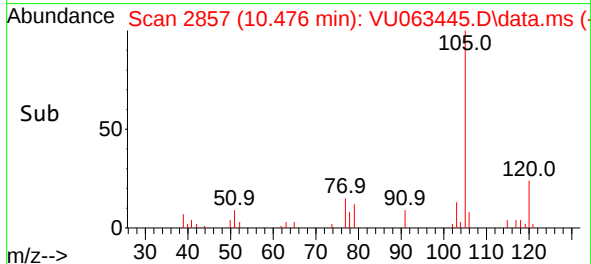
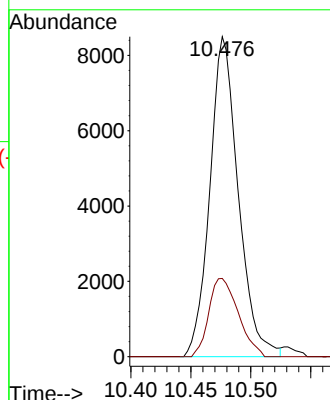
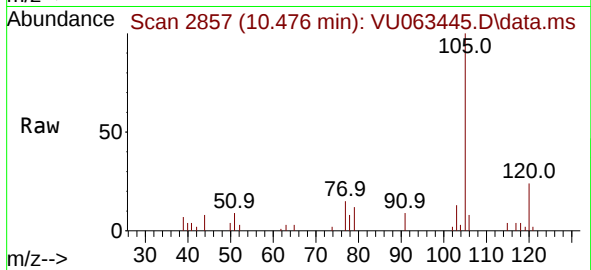
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 14005

Ion Ratio Lower Upper

105 100

120 25.3 12.7 38.1



#70

1,1,2,2-Tetrachloroethane

Concen: 0.355 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU063445.D

Acq: 24 Jun 2025 18:56

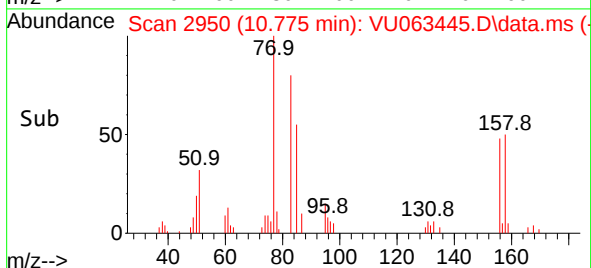
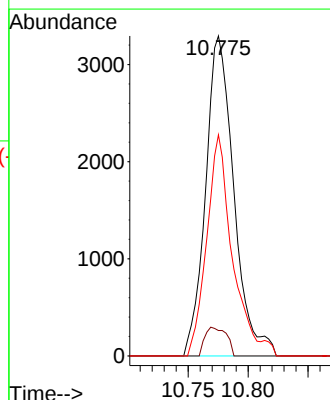
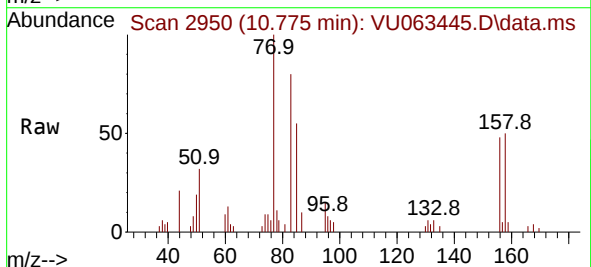
Tgt Ion: 83 Resp: 5398

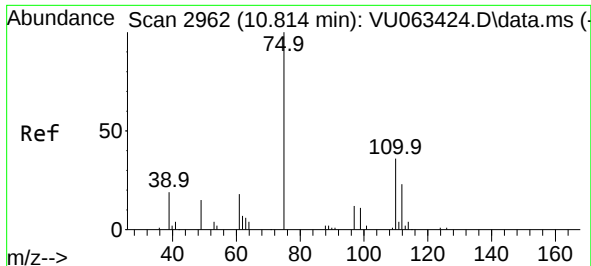
Ion Ratio Lower Upper

83 100

131 6.8 7.4 11.0#

85 63.2 51.3 76.9

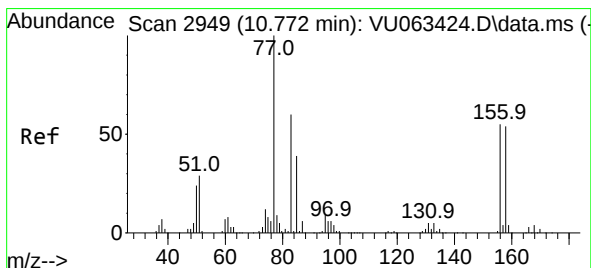
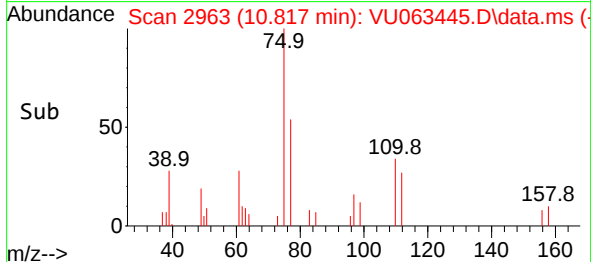
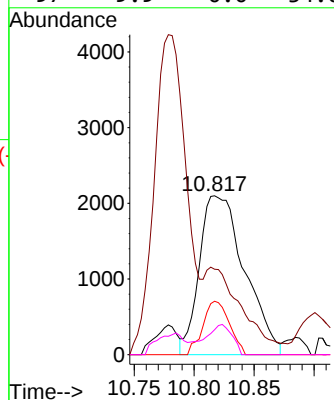
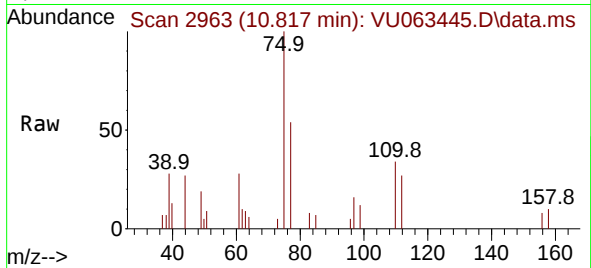




#71
1,2,3-Trichloropropane
Concen: 0.445 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

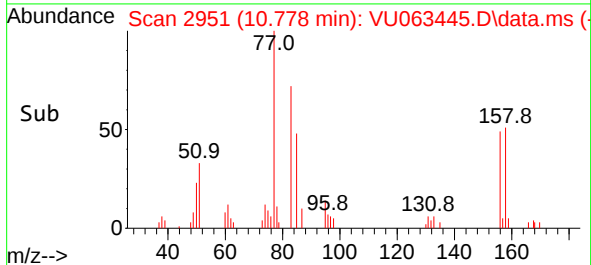
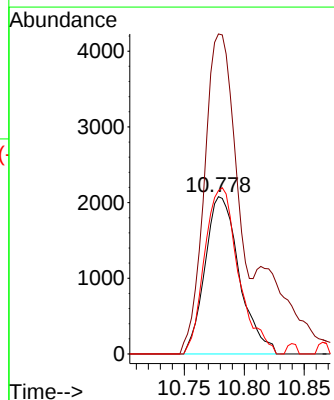
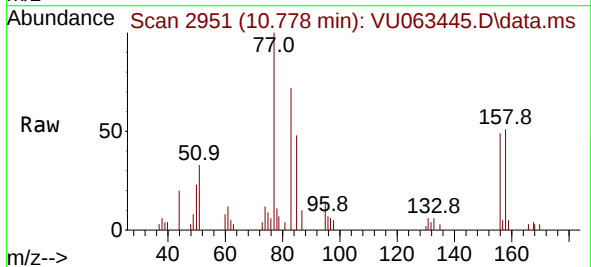
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

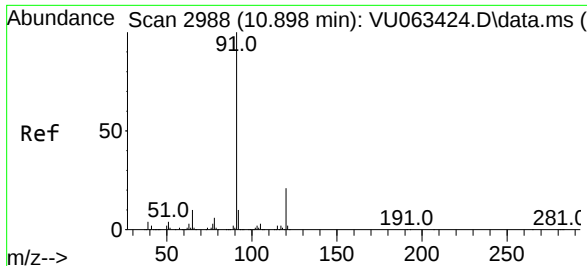
Tgt Ion: 75	Resp:	5520
Ion Ratio	Lower	Upper
75	100	
77	0.0	0.0
110	19.7	63.4
97	9.9	34.0



#72
Bromobenzene
Concen: 0.282 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 156	Resp:	4137
Ion Ratio	Lower	Upper
156	100	
77	193.7	416.2
158	104.4	190.6

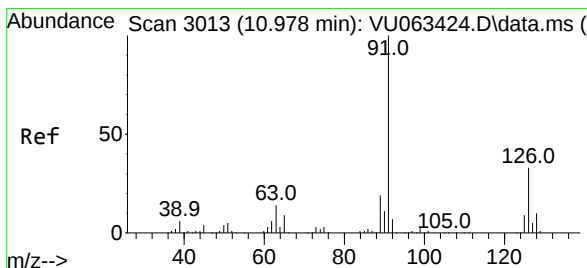
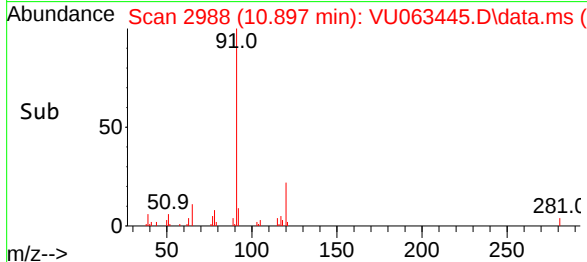
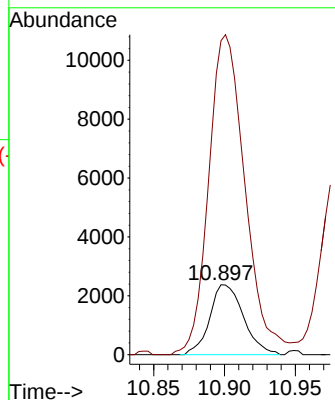
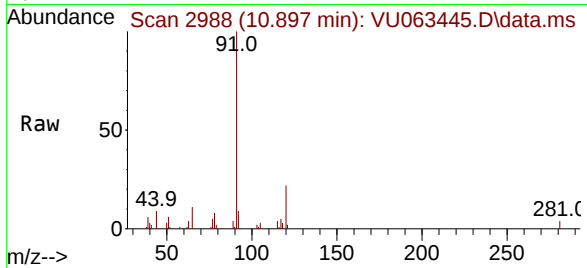




#73
n-propylbenzene
Concen: 0.249 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

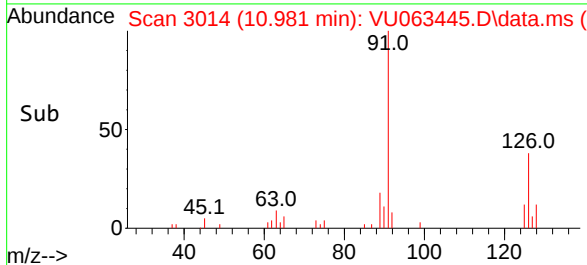
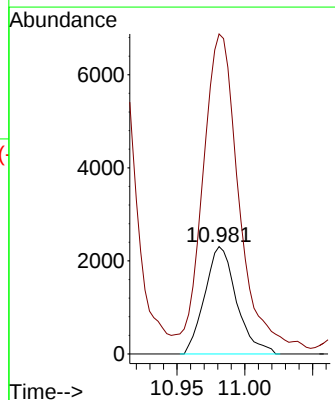
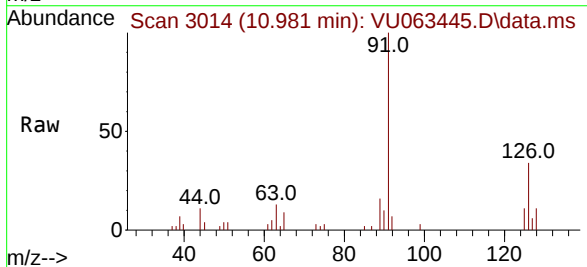
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

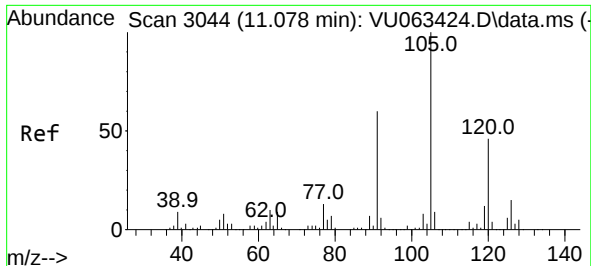
Tgt Ion:120 Resp: 3948
Ion Ratio Lower Upper
120 100
91 490.8 373.7 560.5



#74
2-Chlorotoluene
Concen: 0.259 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion:126 Resp: 3758
Ion Ratio Lower Upper
126 100
91 336.6 0.0 650.8

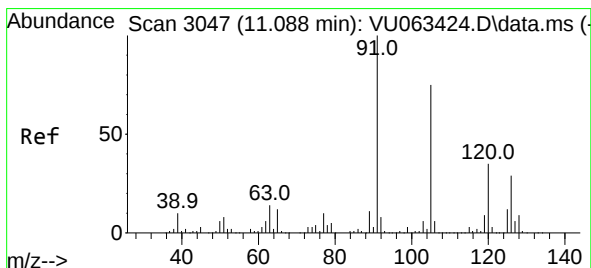
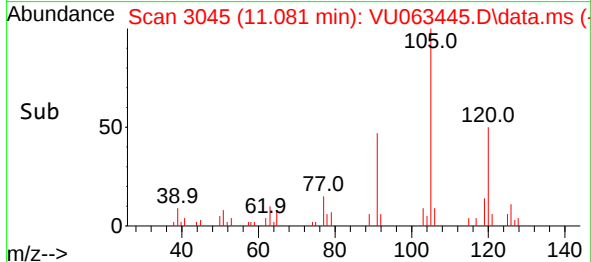
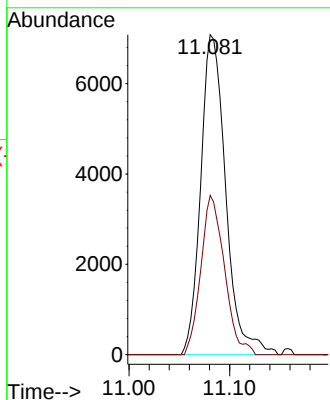
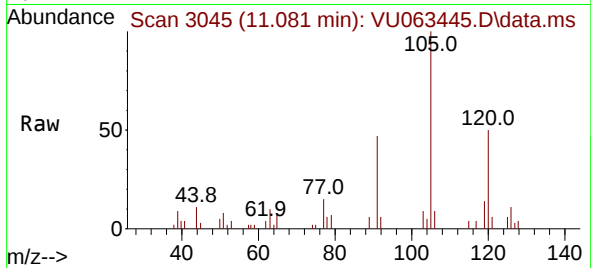




#75
1,3,5-Trimethylbenzene
Concen: 0.241 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

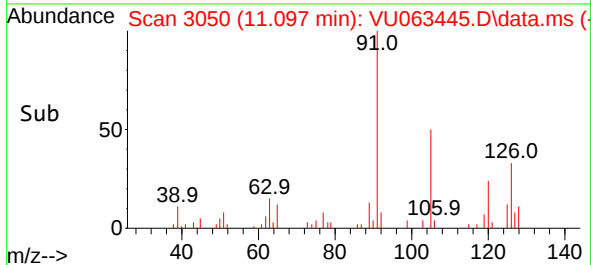
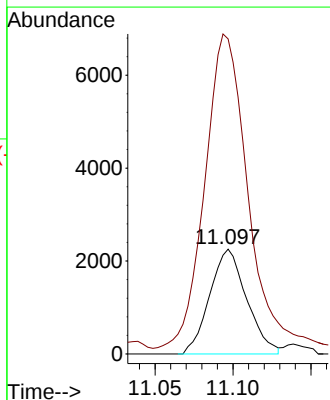
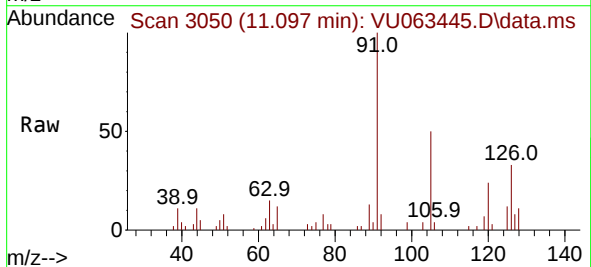
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

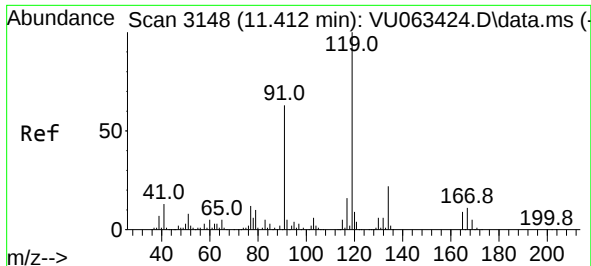
Tgt Ion:105 Resp: 12251
Ion Ratio Lower Upper
105 100
120 47.0 37.0 55.4



#76
4-Chlorotoluene
Concen: 0.245 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.009 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion:126 Resp: 3724
Ion Ratio Lower Upper
126 100
91 355.2 0.0 713.2

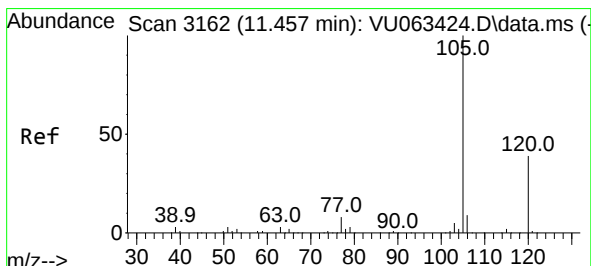
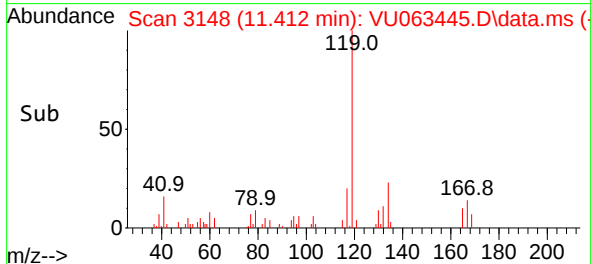
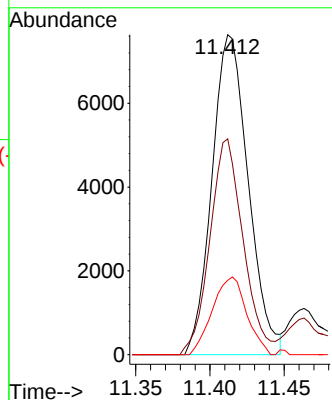
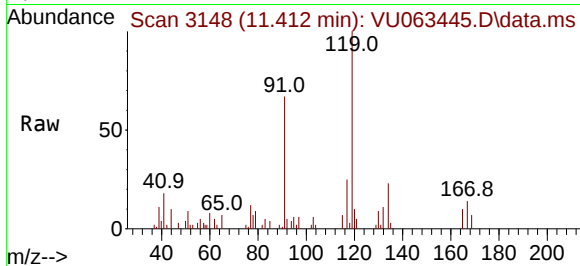




#77
tert-Butylbenzene
Concen: 0.271 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

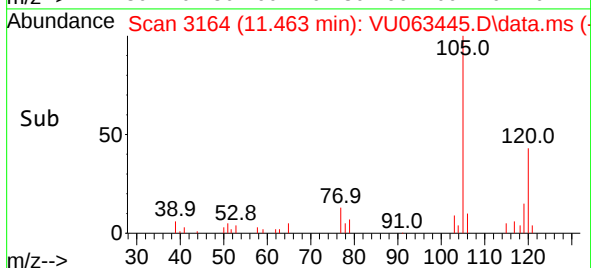
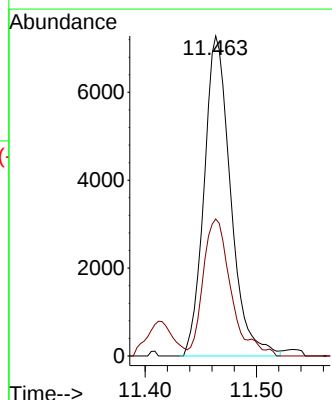
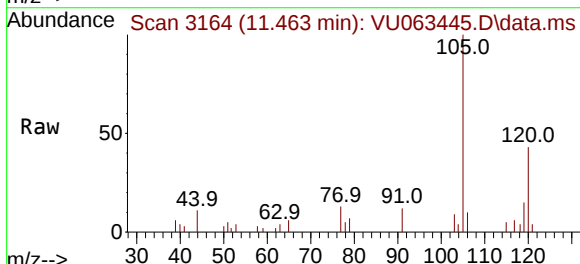
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

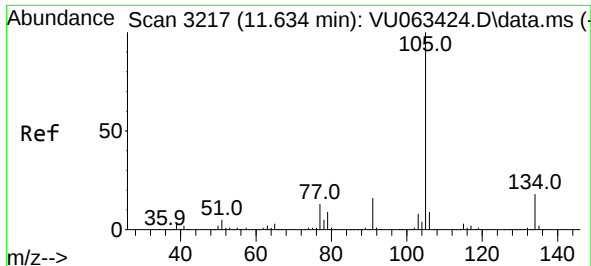
Tgt Ion:	119	Resp:	12992
Ion Ratio	Lower	Upper	
119	100		
91	61.9	30.9	92.7
134	22.9	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.235 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion:	105	Resp:	12044
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.1	66.5

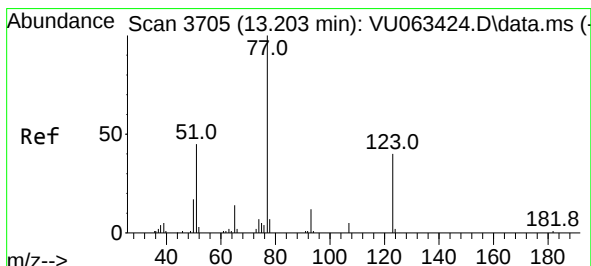
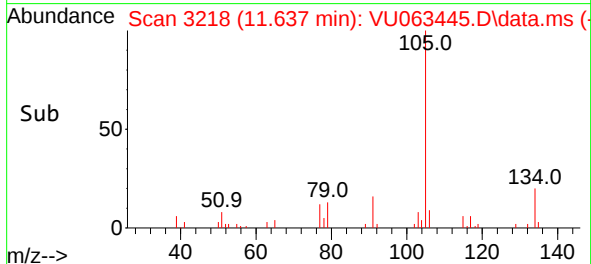
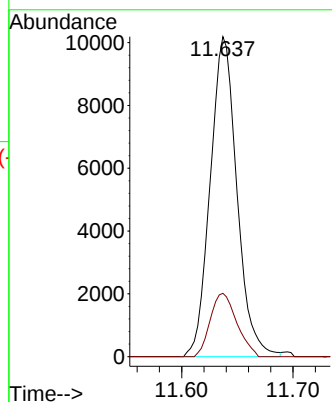
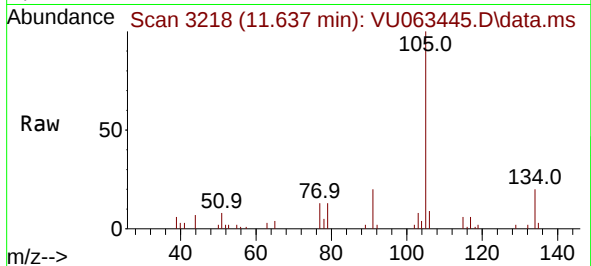




#79
 sec-Butylbenzene
 Concen: 0.250 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063445.D
 Acq: 24 Jun 2025 18:56

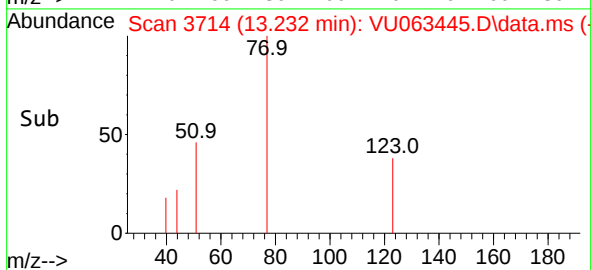
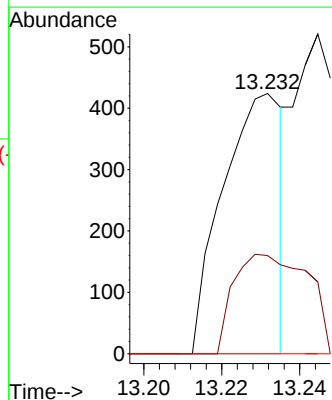
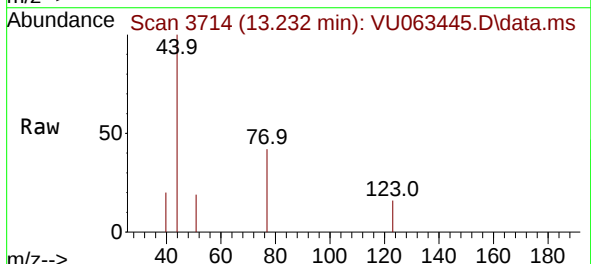
Instrument :
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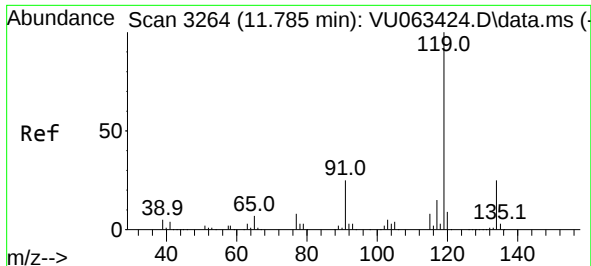
Tgt Ion:105 Resp: 16967
 Ion Ratio Lower Upper
 105 100
 134 19.6 14.8 22.2



#80
 Nitrobenzene
 Concen: 0.645 ug/l
 RT: 13.232 min Scan# 3714
 Delta R.T. 0.029 min
 Lab File: VU063445.D
 Acq: 24 Jun 2025 18:56

Tgt Ion: 77 Resp: 447
 Ion Ratio Lower Upper
 77 100
 123 47.9 19.6 69.6
 65 0.0 10.6 13.4#

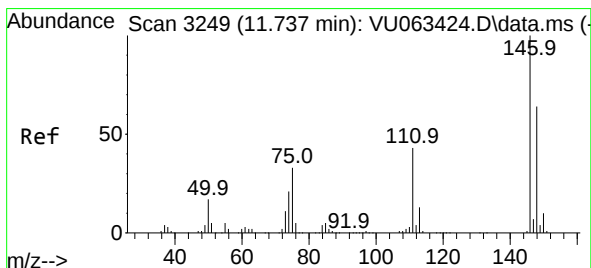
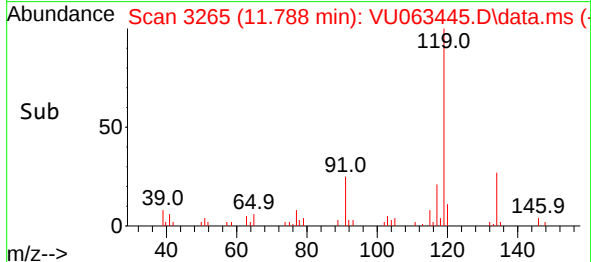
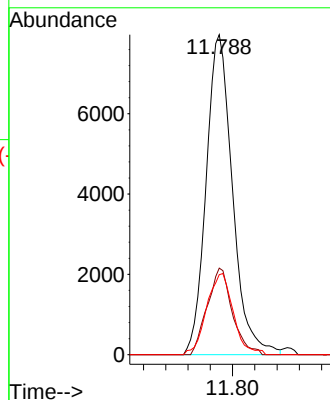
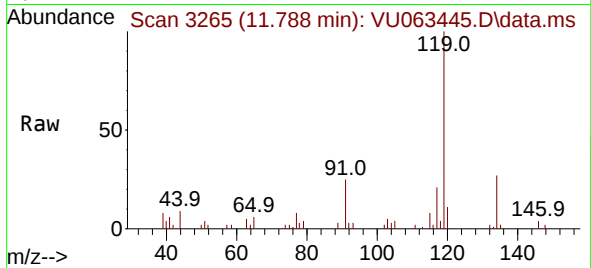




#81
p-Isopropyltoluene
Concen: 0.246 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

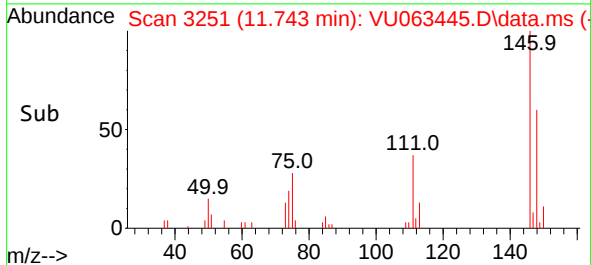
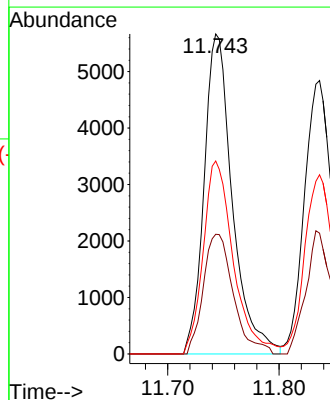
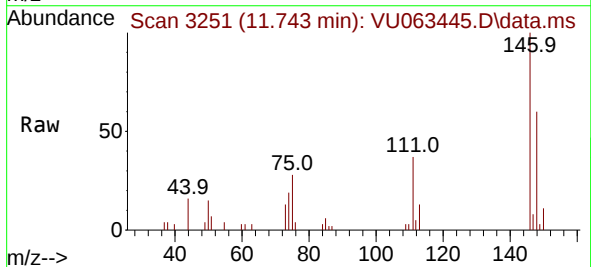
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

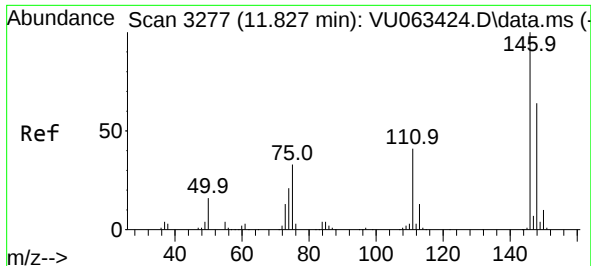
Tgt Ion:	119	Resp:	13074
Ion Ratio	Lower	Upper	
119	100		
134	25.7	20.2	30.2
91	25.6	19.7	29.5



#82
1,3-Dichlorobenzene
Concen: 0.329 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion:	146	Resp:	9986
Ion Ratio	Lower	Upper	
146	100		
111	39.8	34.3	51.5
148	64.3	51.0	76.4

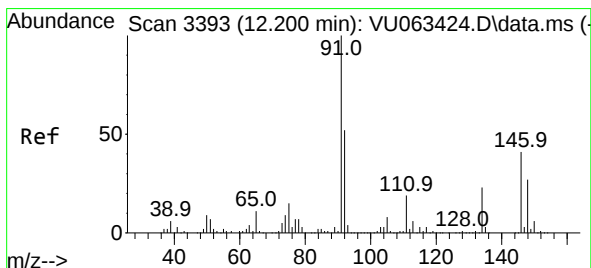
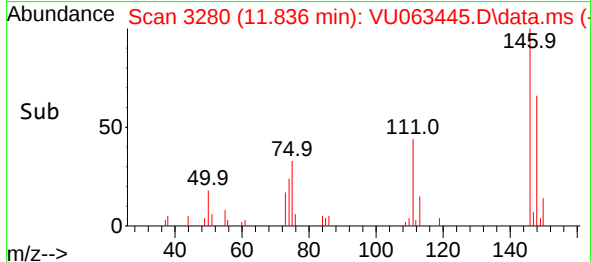
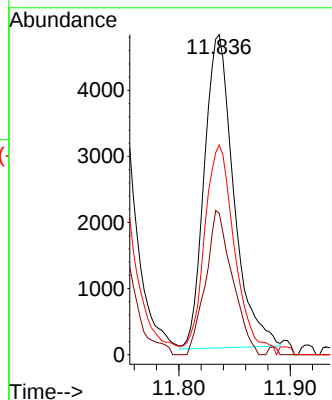
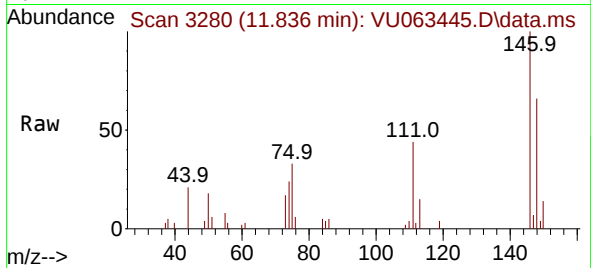




#83
1,4-Dichlorobenzene
Concen: 0.276 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.009 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

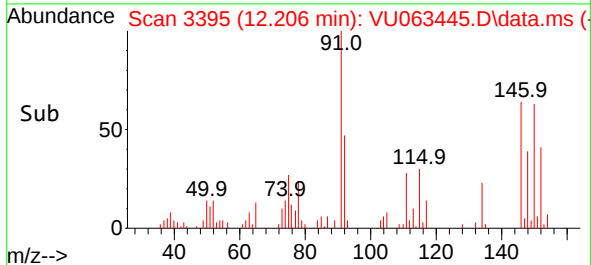
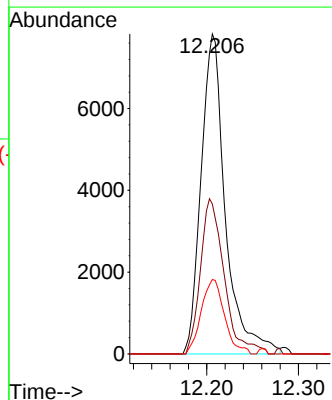
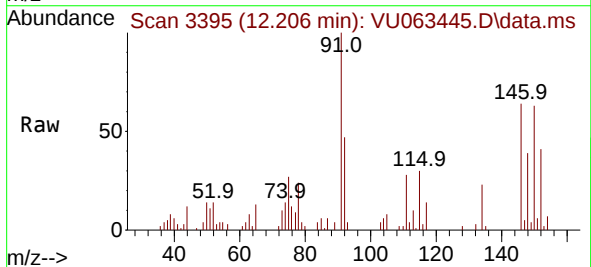
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

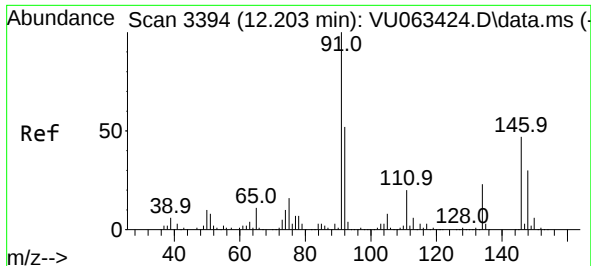
Tgt Ion:146 Resp: 8694
Ion Ratio Lower Upper
146 100
111 41.9 31.7 47.5
148 69.2 51.4 77.0



#84
n-Butylbenzene
Concen: 0.258 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion: 91 Resp: 14370
Ion Ratio Lower Upper
91 100
92 47.4 41.0 61.6
134 22.3 18.5 27.7

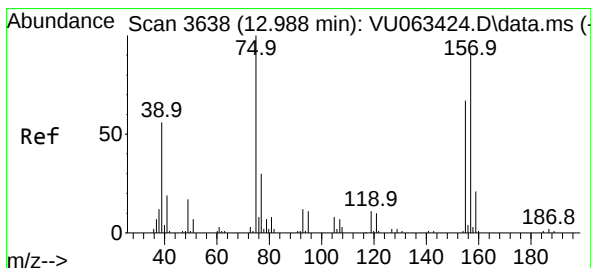
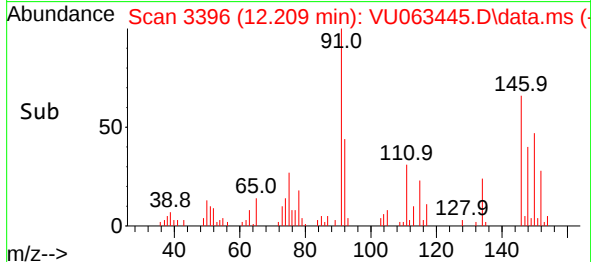
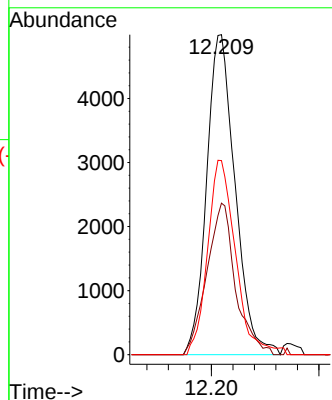
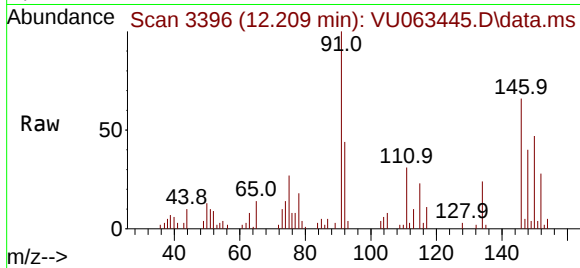




#85
1,2-Dichlorobenzene
Concen: 0.316 ug/l
RT: 12.209 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

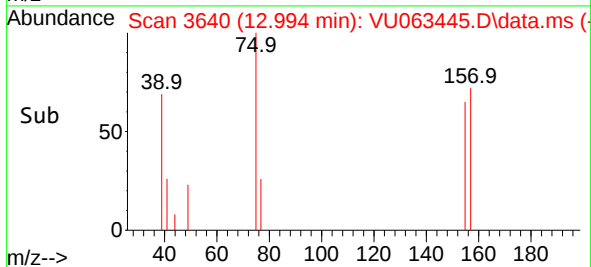
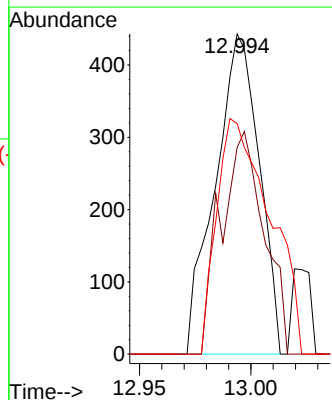
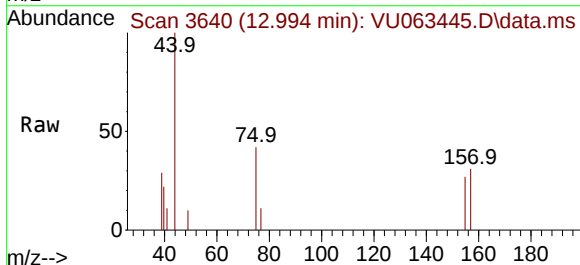
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

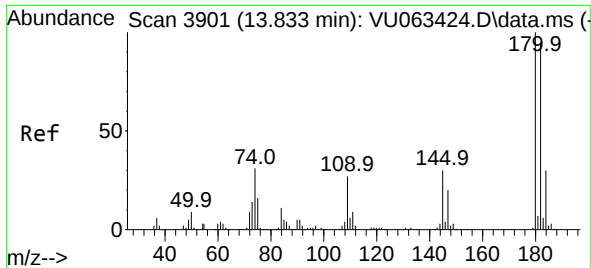
Tgt Ion:	146	Resp:	9189
Ion	Ratio	Lower	Upper
146	100		
111	47.7	21.8	65.4
148	59.8	32.3	96.9



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.291 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

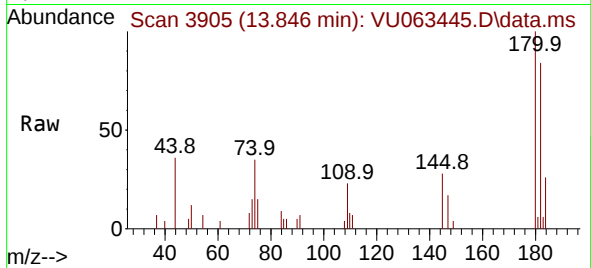
Tgt Ion:	75	Resp:	609
Ion	Ratio	Lower	Upper
75	100		
155	68.5	59.7	89.5
157	88.8	75.0	112.4



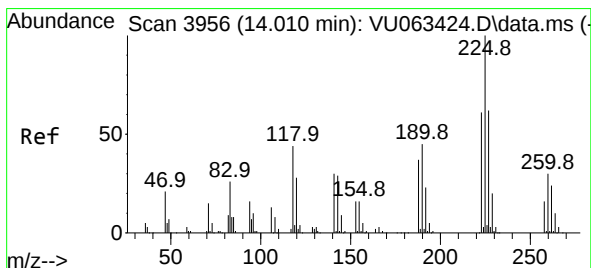
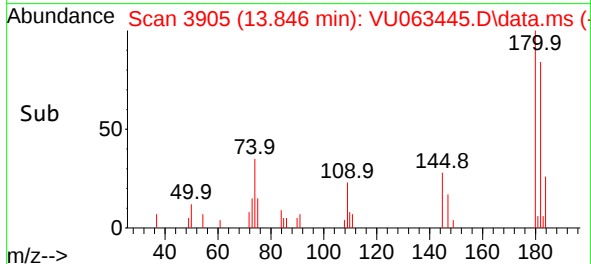
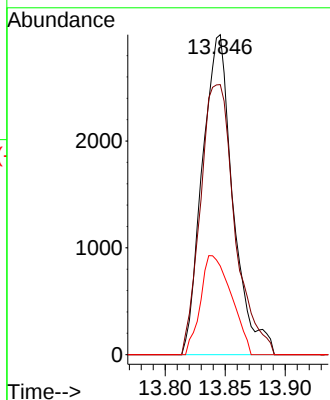


#87
 1,2,4-Trichlorobenzene
 Concen: 0.329 ug/l
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.013 min
 Lab File: VU063445.D
 Acq: 24 Jun 2025 18:56

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

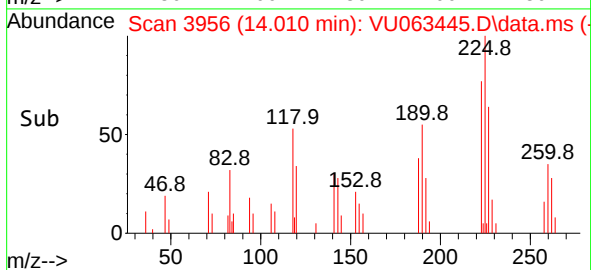
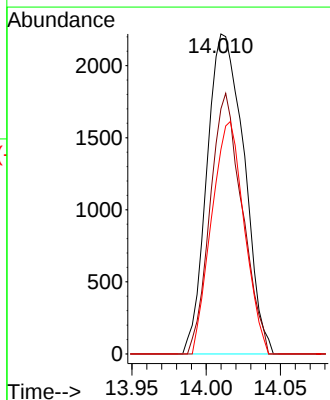
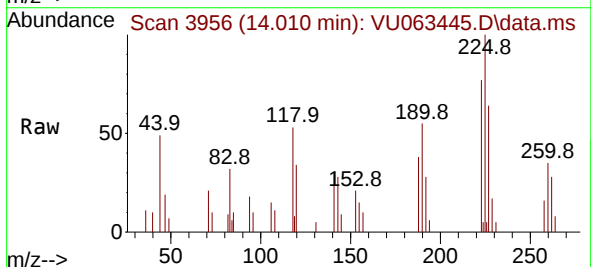


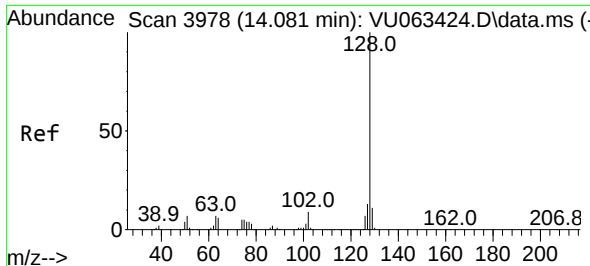
Tgt Ion:180 Resp: 5326
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.6 113.4
 145 31.1 24.6 36.8



#88
 Hexachlorobutadiene
 Concen: 0.335 ug/l
 RT: 14.010 min Scan# 3956
 Delta R.T. -0.000 min
 Lab File: VU063445.D
 Acq: 24 Jun 2025 18:56

Tgt Ion:225 Resp: 3851
 Ion Ratio Lower Upper
 225 100
 223 70.7 50.0 75.0
 227 64.0 51.5 77.3

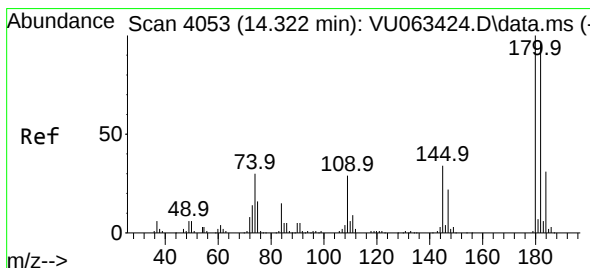
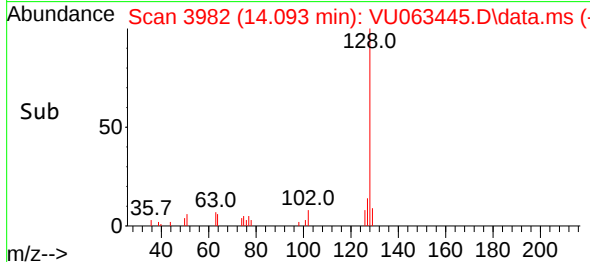
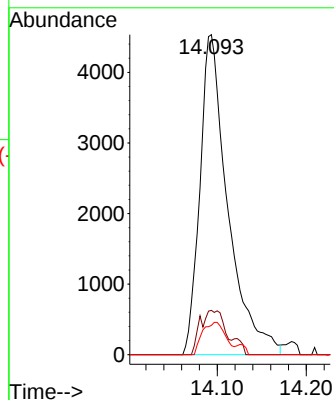
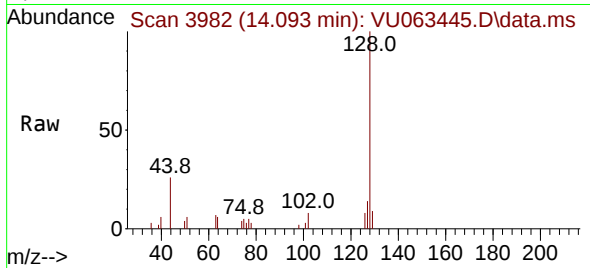




#89
Naphthalene
Concen: 0.366 ug/l
RT: 14.093 min Scan# 3978
Delta R.T. 0.012 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

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

Tgt Ion:	128	Resp:	9893
Ion Ratio	Lower	Upper	
128	100		
127	12.0	10.4	15.6
129	8.4	8.7	13.1



#90
1,2,3-Trichlorobenzene
Concen: 0.330 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU063445.D
Acq: 24 Jun 2025 18:56

Tgt Ion:	180	Resp:	5325
Ion Ratio	Lower	Upper	
180	100		
182	90.5	76.7	115.1
145	34.2	27.4	41.2

