

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
 Data File : VU063685.D
 Acq On : 07 Nov 2025 14:28
 Operator : MD/SY
 Sample : Q3530-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Nov 08 02:35:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.084	96	57436	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	22359	0.860	ug/l	0.00
Spiked Amount	1.000		Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	21489	0.922	ug/l	0.00
Spiked Amount	1.000		Recovery	=	92.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	9351	0.433	ug/l	98
3) Chloromethane	1.509	50	9297	0.457	ug/l	99
4) Vinyl Chloride	1.589	62	9426	0.456	ug/l	97
5) Bromomethane	1.840	94	7145	0.572	ug/l	98
6) Chloroethane	1.914	64	6492	0.512	ug/l	93
7) Trichlorofluoromethane	2.120	101	14478	0.481	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	7931	0.496	ug/l	97
9) 1,1-Dichloroethene	2.557	96	7955	0.514	ug/l	86
10) Iodomethane	2.698	142	6892	0.300	ug/l	99
11) Allyl Chloride	2.894	41	10363	0.429	ug/l	91
12) Acrylonitrile	3.290	53	3386	0.884	ug/l	92
13) Acetone	2.605	43	13494	1.994	ug/l	99
14) Carbon Disulfide	2.766	76	16409	0.376	ug/l	# 94
15) Methylene Chloride	3.013	84	11056	0.555	ug/l	96
16) trans-1,2-Dichloroethene	3.319	96	8948	0.524	ug/l	94
17) 1,1-Dichloroethane	3.830	63	16268	0.481	ug/l	97
18) 2-Butanone	4.692	43	15220	2.121	ug/l	98
19) Cyclohexane	5.341	56	12548	0.485	ug/l	96
20) Methylcyclohexane	6.724	83	14610	0.454	ug/l	97
21) 2,2-Dichloropropane	4.628	77	13345	0.440	ug/l	96
22) cis-1,2-Dichloroethene	4.628	96	9109	0.468	ug/l	97
23) Diethyl Ether	2.361	59	5967	0.470	ug/l	95
24) tert-Butyl Alcohol	3.171	59	10436	4.771	ug/l	# 83
25) Methyl tert-Butyl Ether	3.341	73	21568	0.475	ug/l	99
26) Bromochloromethane	4.936	128	4047	0.493	ug/l	94
27) Chloroform	5.049	83	16627	0.480	ug/l	95
28) 1,1,1-Trichloroethane	5.277	97	14428	0.473	ug/l	94
29) 1,1-Dichloropropene	5.486	75	13243	0.517	ug/l	99
30) Carbon Tetrachloride	5.483	117	10506	0.435	ug/l	93
31) Isopropyl Ether	3.968	45	25716	0.480	ug/l	97
32) Ethyl-t-butyl ether	4.480	59	24910	0.482	ug/l	99
33) Tert-Amyl methyl ether	5.927	73	21634	0.481	ug/l	99
34) Propionitrile	4.756	54	3435	2.449	ug/l	# 90
35) Benzene	5.737	78	35737	0.495	ug/l	97
36) 1,2-Dichloroethane	5.766	62	11519	0.497	ug/l	99
37) Trichloroethene	6.512	130	9594	0.466	ug/l	84
38) 1,2-Dichloropropane	6.766	63	9295	0.460	ug/l	# 88
39) Methacrylonitrile	4.955	41	2708	0.388	ug/l	# 77
40) Methyl acrylate	4.830	55	4376	0.432	ug/l	# 91
41) Tetrahydrofuran	5.042	42	3895	1.240	ug/l	# 81
42) 1-Chlorobutane	5.422	56	15970	0.465	ug/l	93
43) Dibromomethane	6.894	93	4988	0.477	ug/l	89
44) Bromodichloromethane	7.081	83	9632	0.377	ug/l	97

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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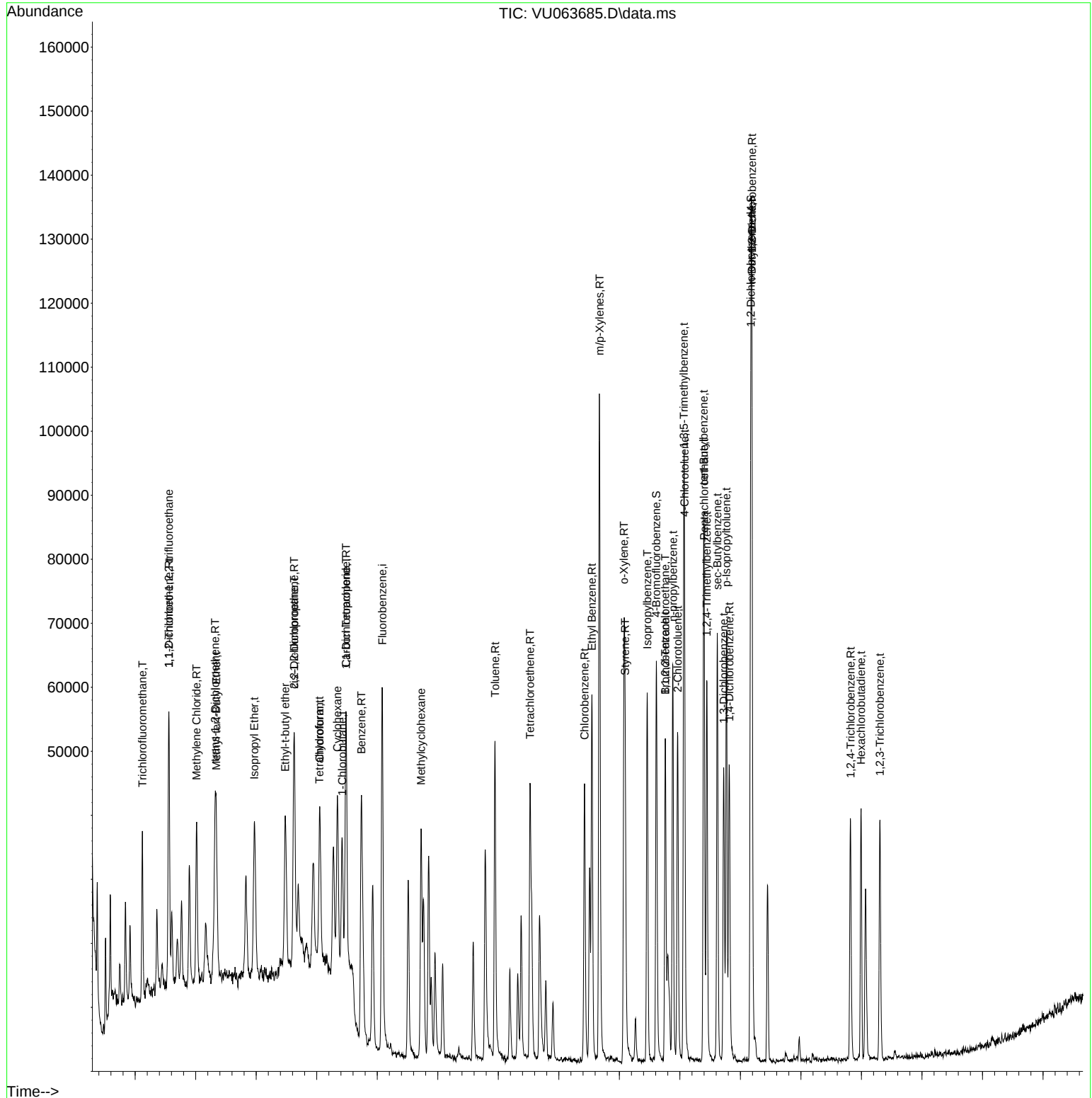
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	27480	2.180	ug/l	97
46) t-1,4-Dichloro-2-butene	10.794	75	7861	1.797	ug/l #	51
47) Methyl methacrylate	6.955	69	7634	0.794	ug/l	95
48) Ethyl methacrylate	8.319	69	7950	0.406	ug/l	91
49) Toluene	7.946	92	22177	0.455	ug/l	98
50) t-1,3-Dichloropropene	8.193	75	8296	0.373	ug/l	99
51) cis-1,3-Dichloropropene	7.586	75	11068	0.398	ug/l	98
52) 1,1,2-Trichloroethane	8.380	97	6651	0.468	ug/l	97
53) 1,3-Dichloropropane	8.550	76	11081	0.436	ug/l	91
54) 2-Hexanone	8.682	43	20088	1.887	ug/l	93
55) Dibromochloromethane	8.785	129	5801	0.347	ug/l	98
56) 1,2-Dibromoethane	8.904	107	5475	0.405	ug/l	95
58) Tetrachloroethene	8.524	164	9361	0.465	ug/l	95
59) Chlorobenzene	9.425	112	23960	0.454	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.508	131	7270	0.393	ug/l	99
61) Pentachloroethane	11.402	117	4612	0.360	ug/l	97
62) Hexachloroethane	12.447	117	4141	0.294	ug/l	96
63) Ethyl Benzene	9.547	91	43427	0.454	ug/l	96
64) m/p-Xylenes	9.672	106	32182	0.901	ug/l	98
65) o-Xylene	10.077	106	14975	0.428	ug/l	96
66) Styrene	10.097	104	24790	0.437	ug/l	97
67) Bromoform	10.267	173	3074	0.340	ug/l #	91
69) Isopropylbenzene	10.460	105	38745	0.448	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.759	83	7905	0.443	ug/l	98
71) 1,2,3-Trichloropropane	10.794	75	7861	0.506	ug/l #	94
72) Bromobenzene	10.759	156	9745	0.466	ug/l	86
73) n-propylbenzene	10.885	120	11225	0.457	ug/l	94
74) 2-Chlorotoluene	10.965	126	9682	0.455	ug/l	97
75) 1,3,5-Trimethylbenzene	11.065	105	34415	0.431	ug/l	99
76) 4-Chlorotoluene	11.077	126	10240	0.479	ug/l	91
77) tert-Butylbenzene	11.393	119	34493	0.441	ug/l	98
78) 1,2,4-Trimethylbenzene	11.444	105	35497	0.463	ug/l	93
79) sec-Butylbenzene	11.618	105	45974	0.446	ug/l	100
80) Nitrobenzene	13.187	77	285	0.454	ug/l #	84
81) p-Isopropyltoluene	11.769	119	37524	0.445	ug/l	98
82) 1,3-Dichlorobenzene	11.724	146	19870	0.491	ug/l	99
83) 1,4-Dichlorobenzene	11.817	146	20843	0.518	ug/l	97
84) n-Butylbenzene	12.187	91	36115	0.478	ug/l	95
85) 1,2-Dichlorobenzene	12.190	146	18329	0.479	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.965	75	816	0.276	ug/l	92
87) 1,2,4-Trichlorobenzene	13.820	180	12355	0.524	ug/l	99
88) Hexachlorobutadiene	13.994	225	7029	0.501	ug/l	96
89) Naphthalene	14.068	128	25118	0.553	ug/l	98
90) 1,2,3-Trichlorobenzene	14.306	180	11697	0.542	ug/l	95

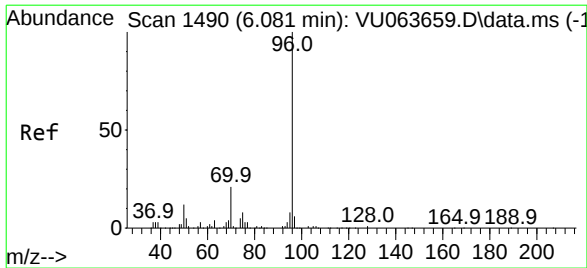
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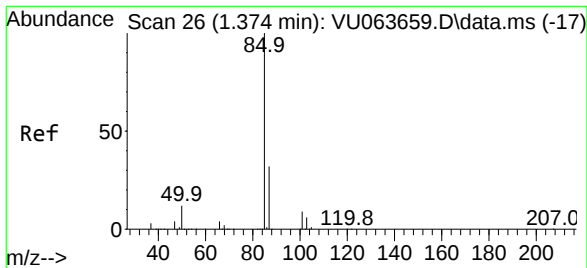
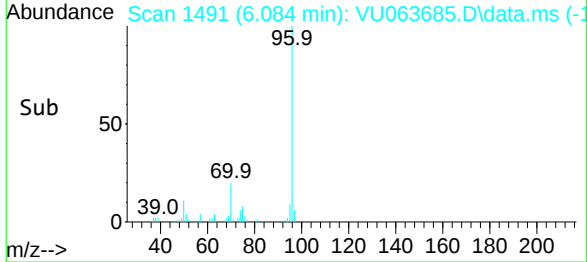
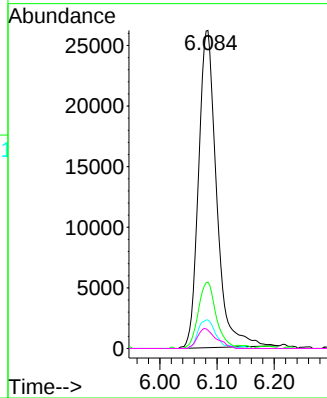
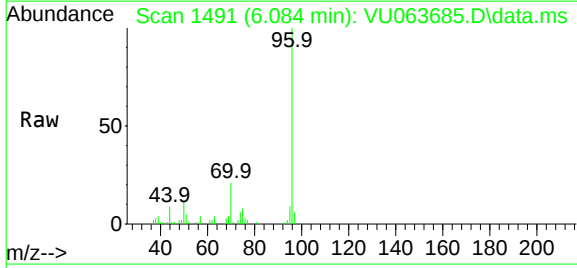




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.084 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

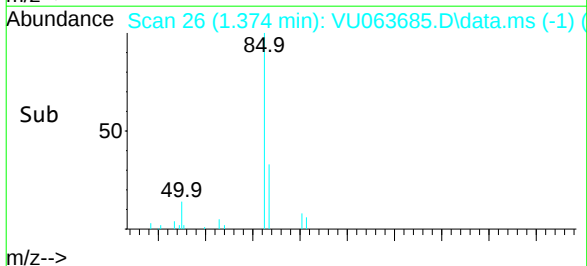
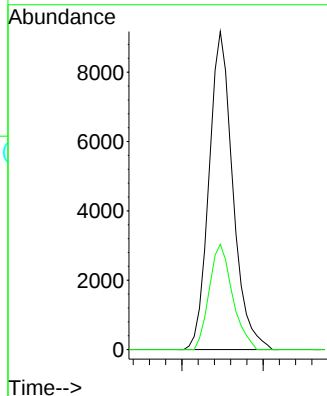
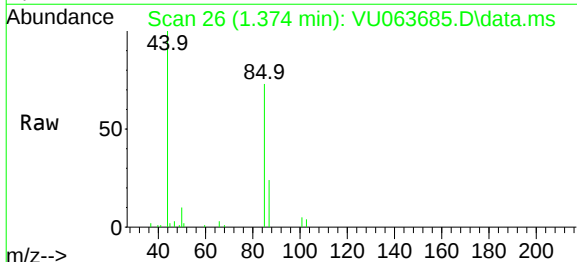
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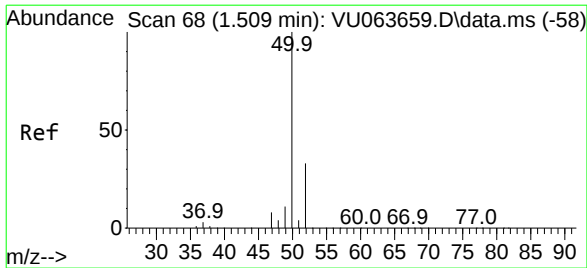
Tgt Ion: 96	Resp: 57436
Ion Ratio	Lower Upper
96 100	
70 19.6	15.3 22.9
95 9.0	6.5 9.7
97 6.6	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.433 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 85	Resp: 9351
Ion Ratio	Lower Upper
85 100	
87 33.1	16.0 47.9

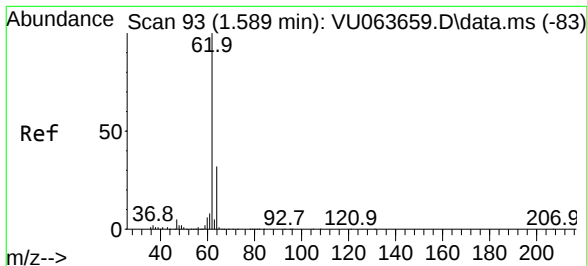
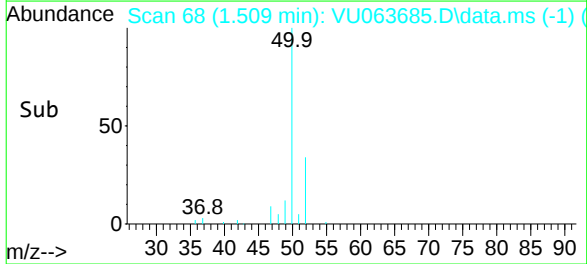
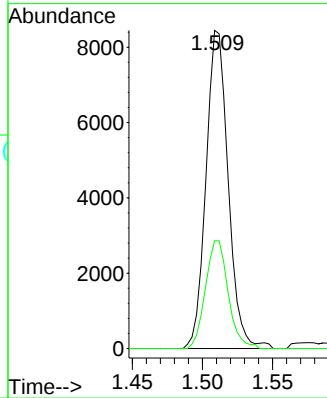
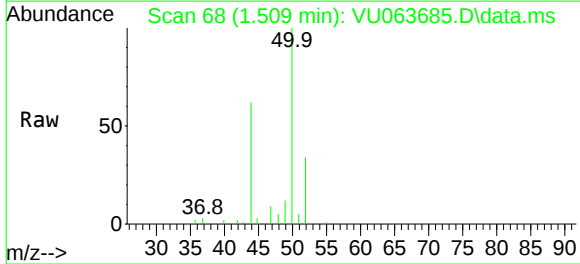




#3
Chloromethane
Concen: 0.457 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

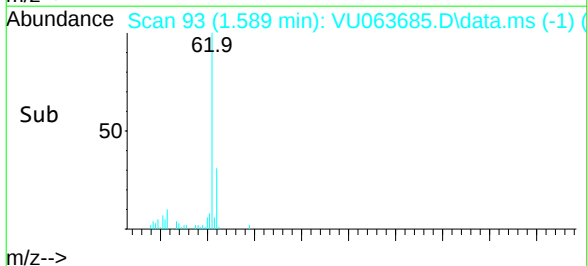
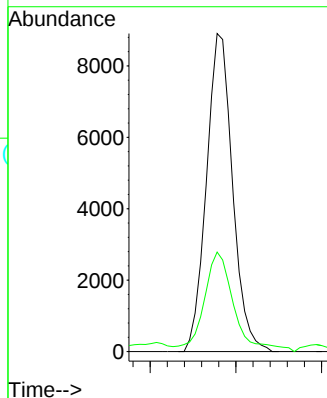
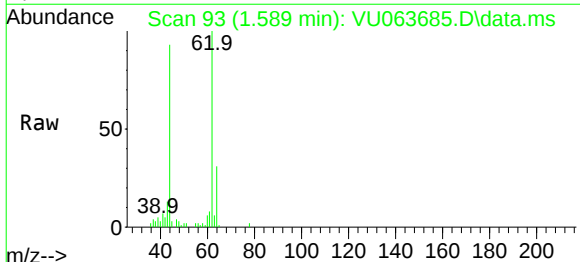
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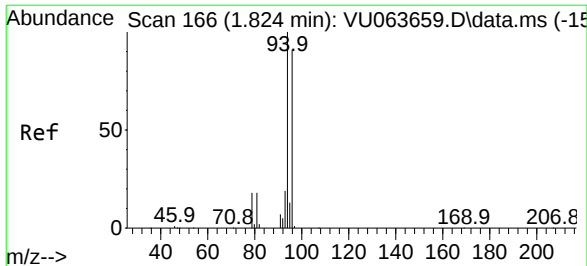
Tgt Ion: 50 Resp: 9297
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0



#4
Vinyl Chloride
Concen: 0.456 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 62 Resp: 9426
Ion Ratio Lower Upper
62 100
64 29.7 25.2 37.8

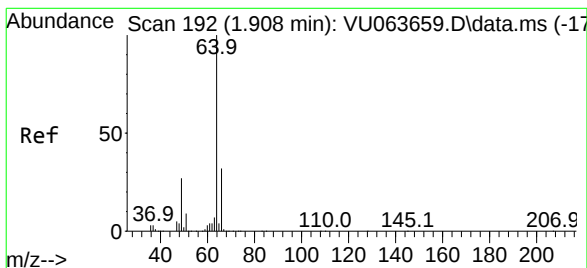
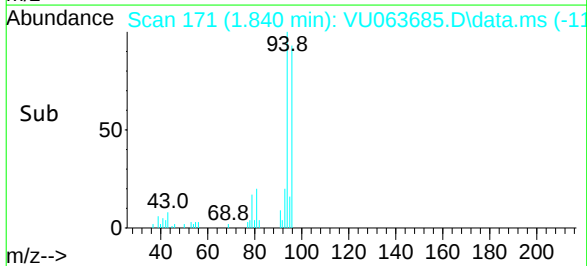
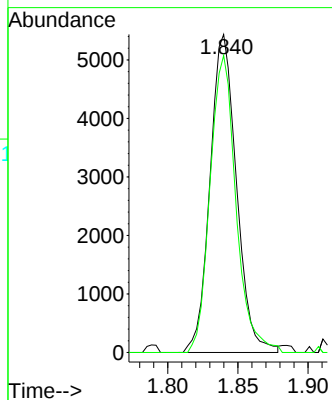
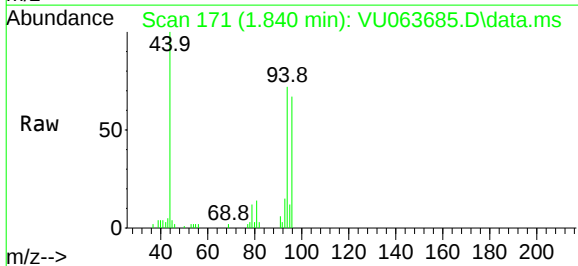




#5
Bromomethane
Concen: 0.572 ug/l
RT: 1.840 min Scan# 171
Delta R.T. 0.016 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

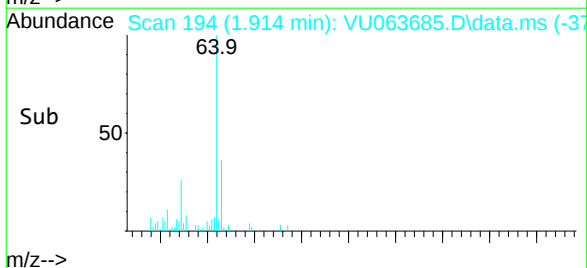
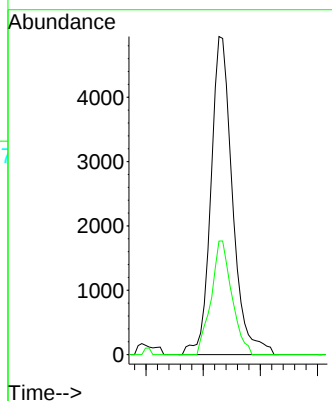
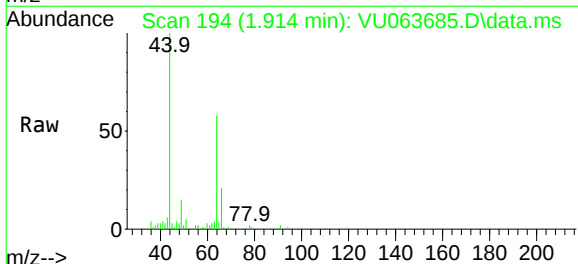
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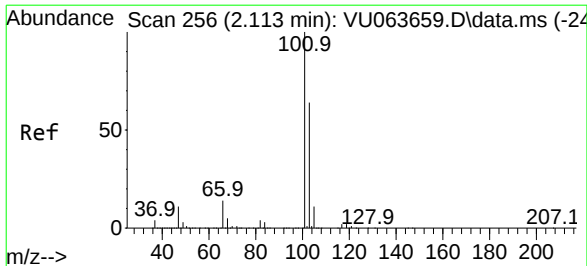
Tgt Ion: 94 Resp: 7145
Ion Ratio Lower Upper
94 100
96 93.4 73.0 109.6



#6
Chloroethane
Concen: 0.512 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 64 Resp: 6492
Ion Ratio Lower Upper
64 100
66 35.7 25.4 38.2





#7

Trichlorofluoromethane

Concen: 0.481 ug/l

RT: 2.120 min Scan# 256

Delta R.T. 0.006 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

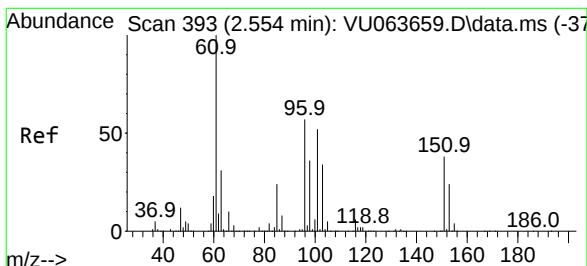
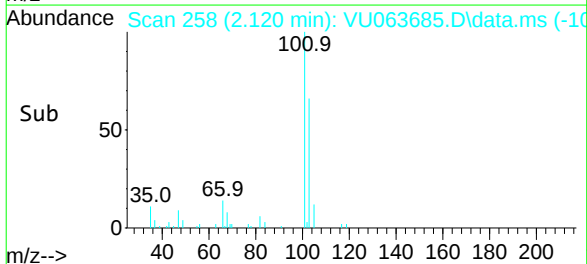
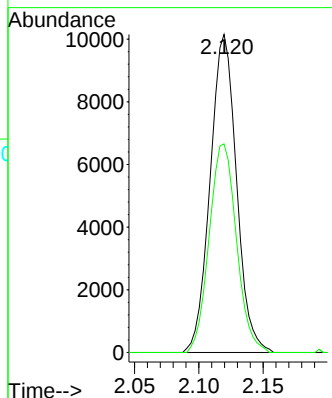
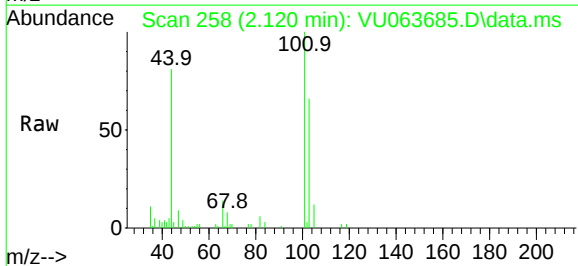
LOQ-WATER-02-QT4-2025

Tgt Ion:101 Resp: 14478

Ion Ratio Lower Upper

101 100

103 65.6 51.0 76.6



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.496 ug/l

RT: 2.557 min Scan# 394

Delta R.T. 0.003 min

Lab File: VU063685.D

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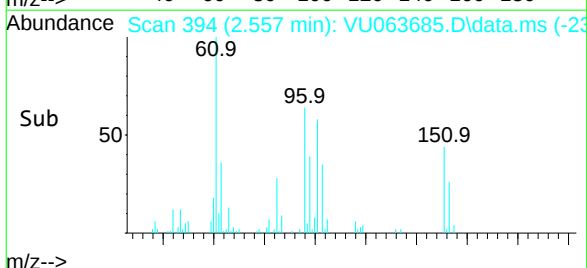
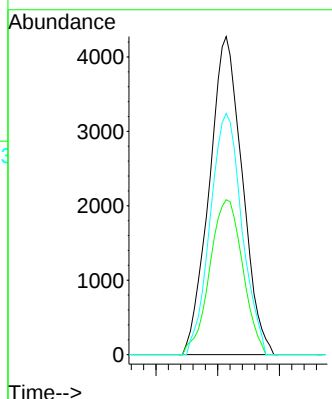
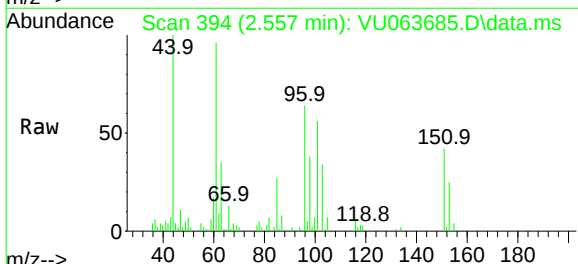
Tgt Ion:101 Resp: 7931

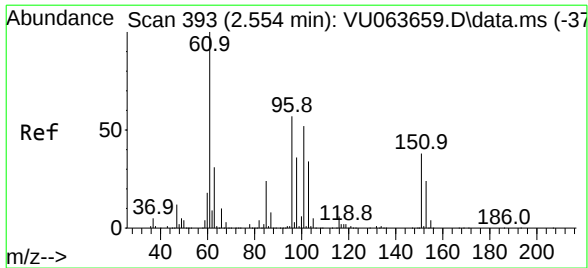
Ion Ratio Lower Upper

101 100

85 48.6 37.0 55.4

151 73.1 57.2 85.8

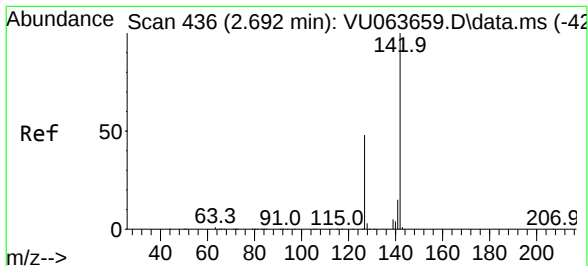
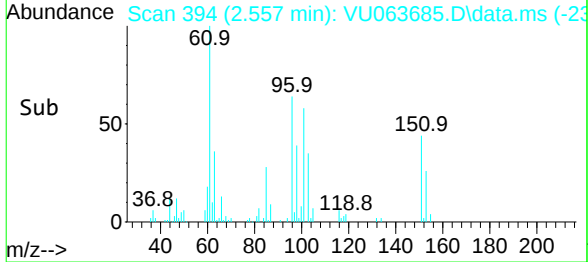
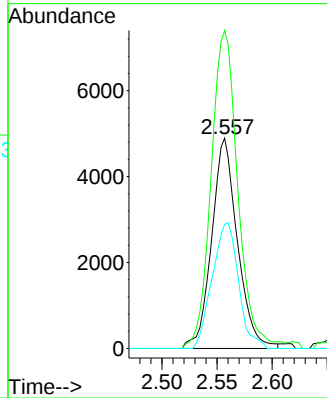
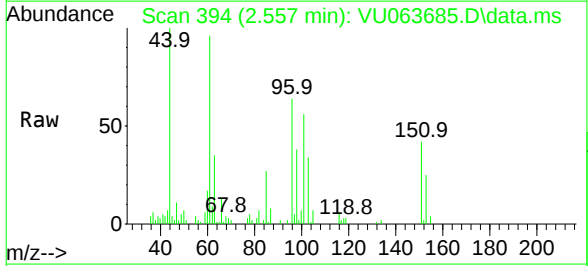




#9
1,1-Dichloroethene
Concen: 0.514 ug/l
RT: 2.557 min Scan# 39
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

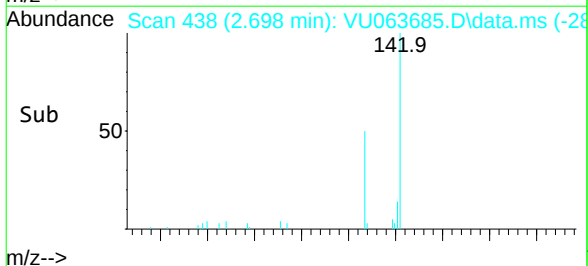
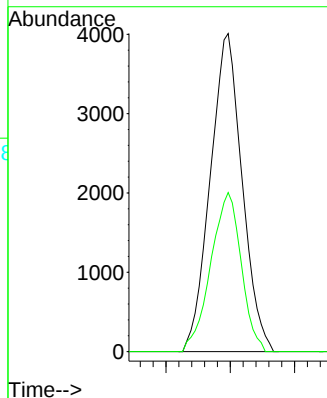
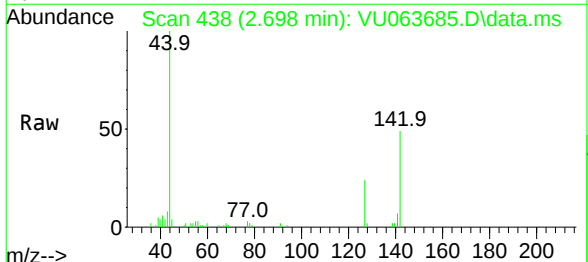
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ClientSampleId :
LOQ-WATER-02-QT4-2025

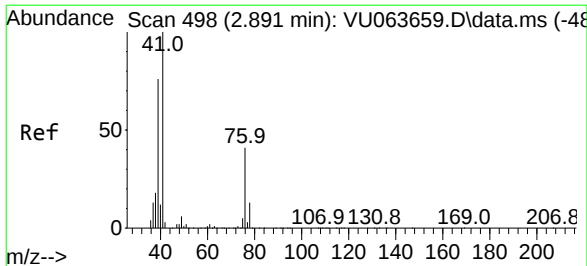
Tgt Ion: 96 Resp: 7955
Ion Ratio Lower Upper
96 100
61 151.3 0.0 524.7
98 59.1 0.0 126.8



#10
Iodomethane
Concen: 0.300 ug/l
RT: 2.698 min Scan# 438
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 142 Resp: 6892
Ion Ratio Lower Upper
142 100
127 47.8 38.6 58.0

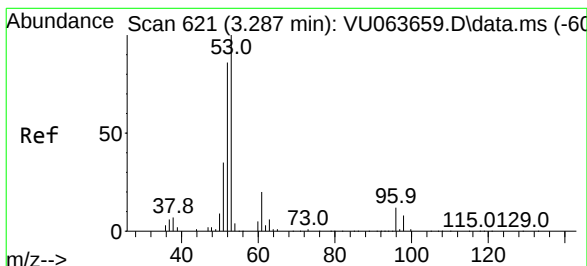
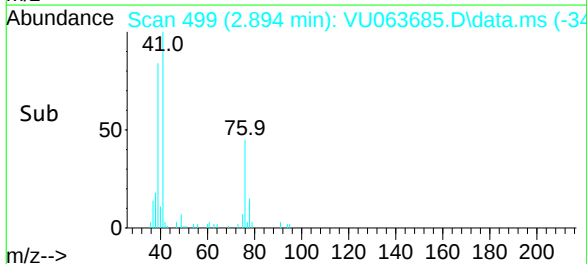
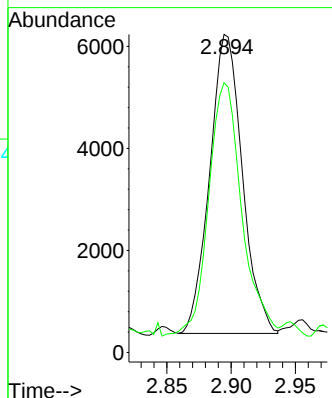
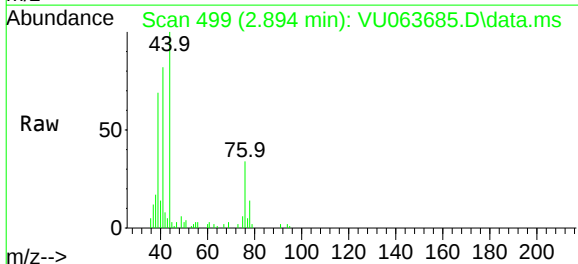




#11
 Allyl Chloride
 Concen: 0.429 ug/l
 RT: 2.894 min Scan# 49
 Delta R.T. 0.003 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

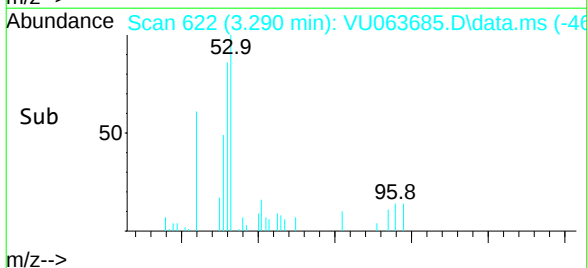
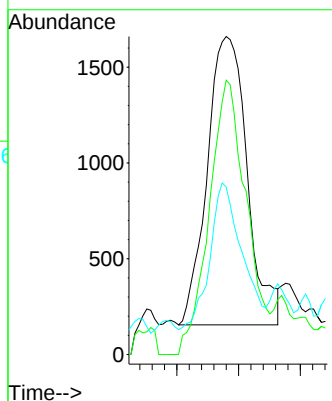
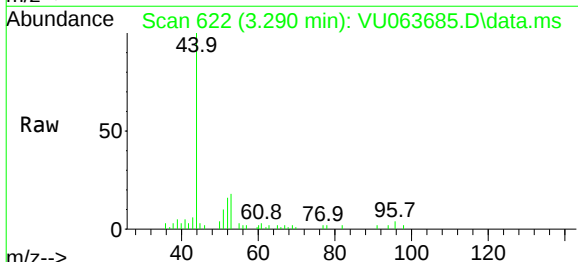
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

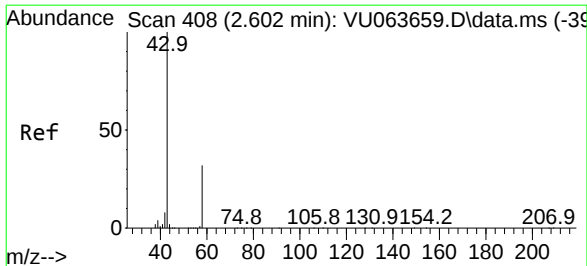
Tgt Ion: 41 Resp: 10363
 Ion Ratio Lower Upper
 41 100
 39 84.2 61.0 91.4



#12
 Acrylonitrile
 Concen: 0.884 ug/l
 RT: 3.290 min Scan# 622
 Delta R.T. 0.003 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

Tgt Ion: 53 Resp: 3386
 Ion Ratio Lower Upper
 53 100
 52 88.7 65.4 98.0
 51 39.7 27.6 41.4





#13

Acetone

Concen: 1.994 ug/l

RT: 2.605 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU063685.D

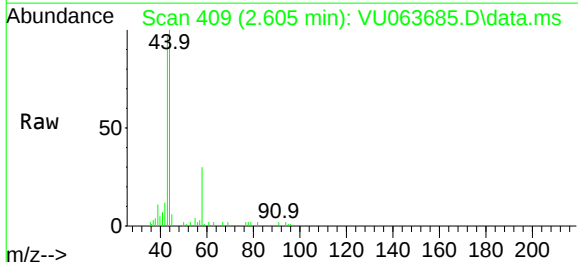
Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

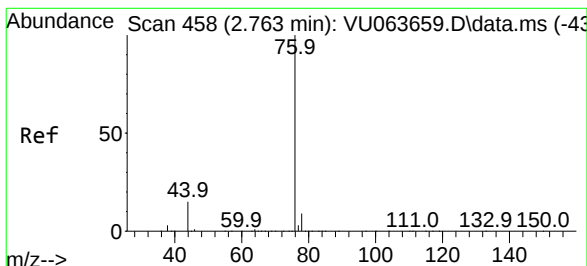
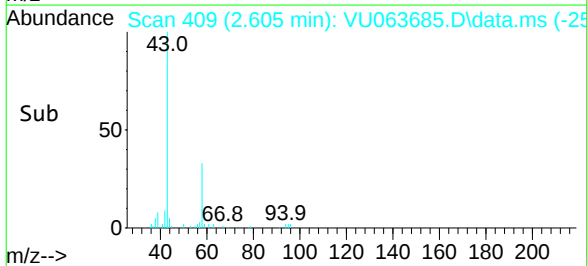
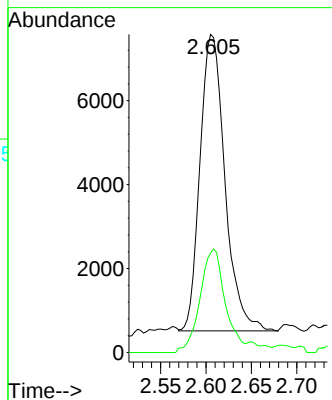


Tgt Ion: 43 Resp: 13494

Ion Ratio Lower Upper

43 100

58 32.2 25.2 37.8



#14

Carbon Disulfide

Concen: 0.376 ug/l

RT: 2.766 min Scan# 459

Delta R.T. 0.003 min

Lab File: VU063685.D

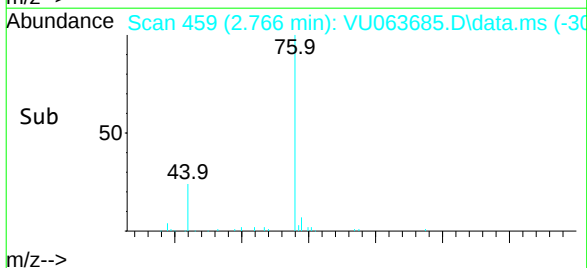
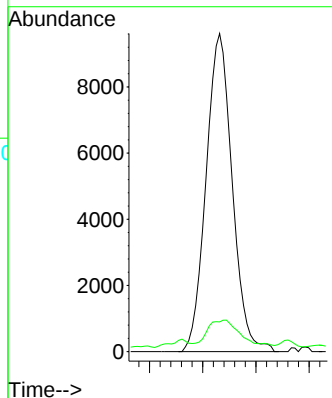
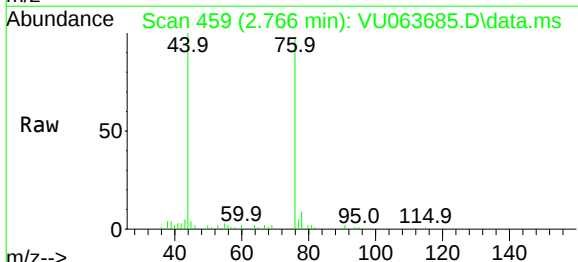
Acq: 07 Nov 2025 14:28

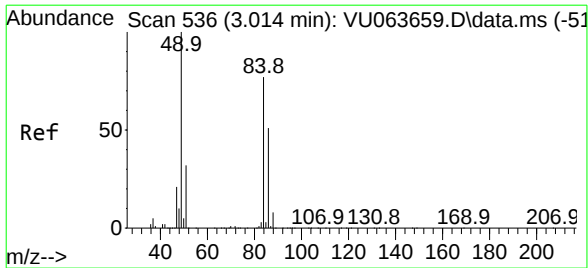
Tgt Ion: 76 Resp: 16409

Ion Ratio Lower Upper

76 100

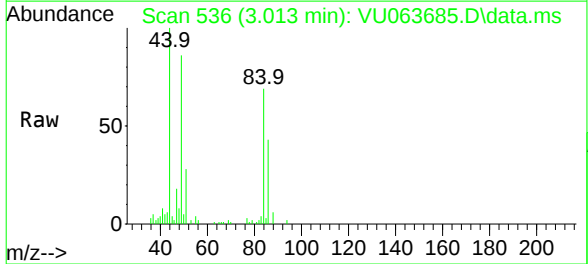
78 7.2 7.5 11.3#



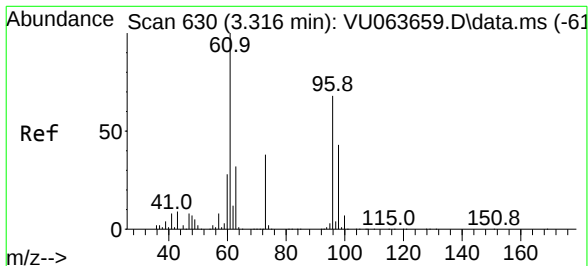
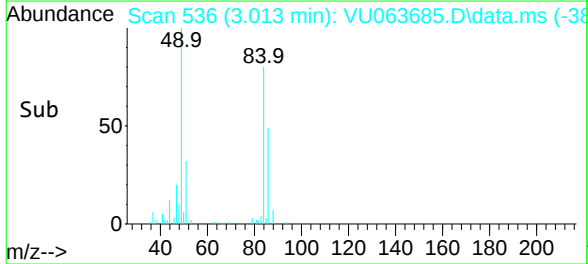
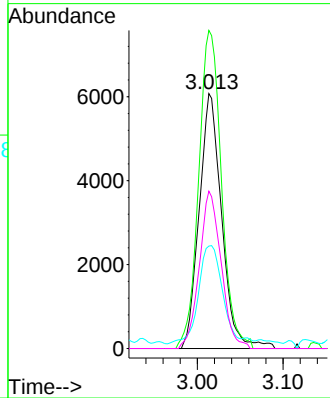


#15
Methylene Chloride
Concen: 0.555 ug/l
RT: 3.013 min Scan# 53
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

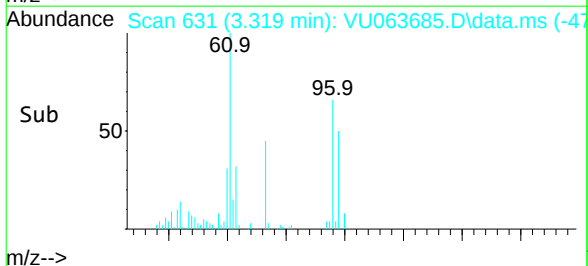
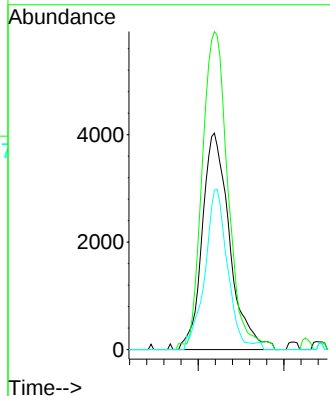
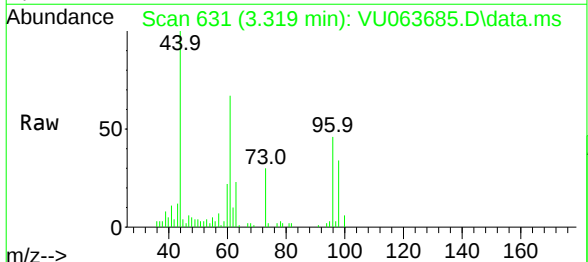


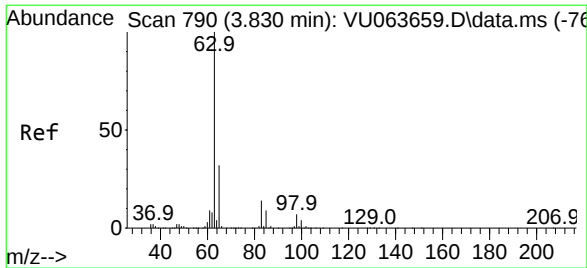
Tgt Ion:	84	Resp:	11056
Ion	Ratio	Lower	Upper
84	100		
49	124.8	103.4	155.0
51	37.7	0.0	81.6
86	61.7	52.5	78.7



#16
trans-1,2-Dichloroethene
Concen: 0.524 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:	96	Resp:	8948
Ion	Ratio	Lower	Upper
96	100		
61	144.5	117.4	176.2
98	73.7	49.9	74.9

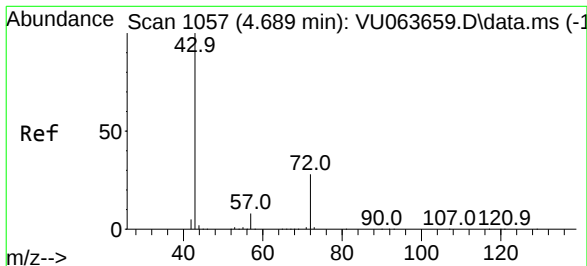
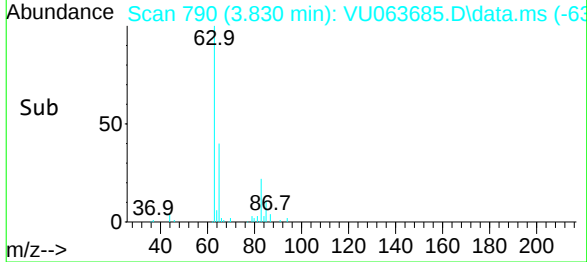
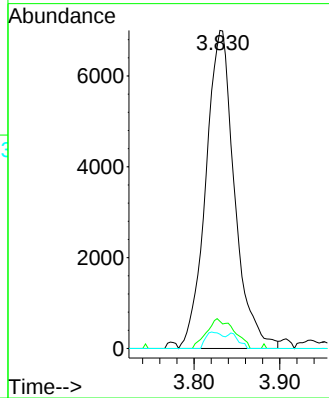
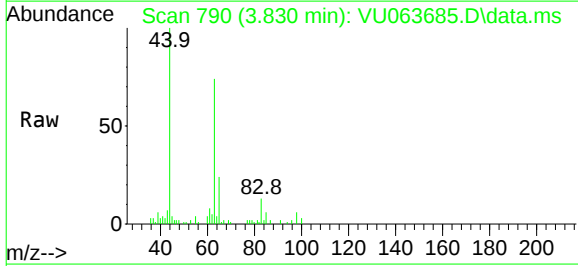




#17
1,1-Dichloroethane
Concen: 0.481 ug/l
RT: 3.830 min Scan# 79
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

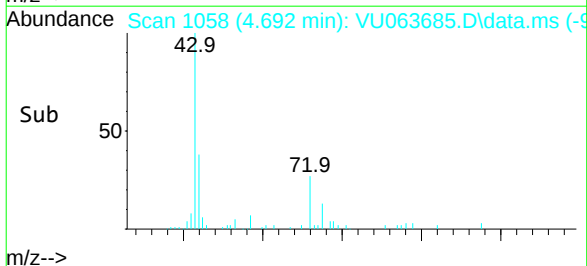
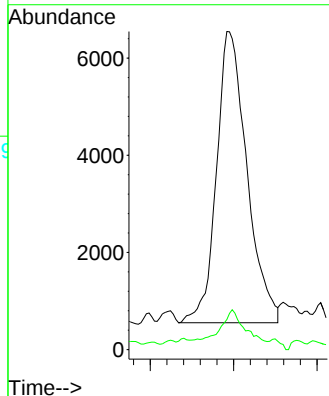
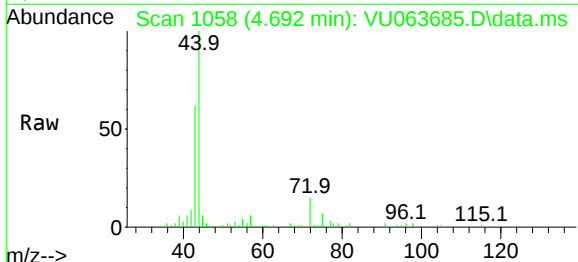
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

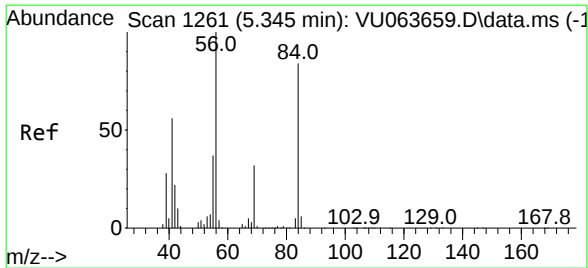
Tgt Ion:	63	Resp:	16268
Ion	Ratio	Lower	Upper
63	100		
98	8.6	3.5	10.5
100	4.5	2.2	6.6



#18
2-Butanone
Concen: 2.121 ug/l
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:	43	Resp:	15220
Ion	Ratio	Lower	Upper
43	100		
57	7.4	0.0	16.6

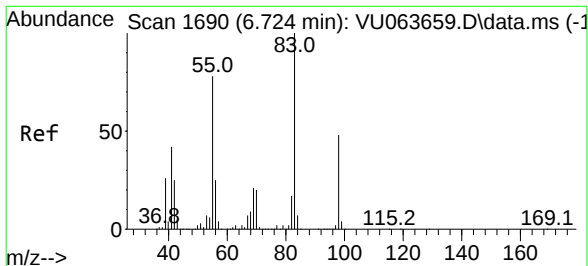
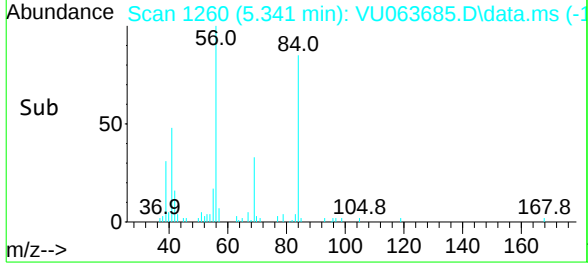
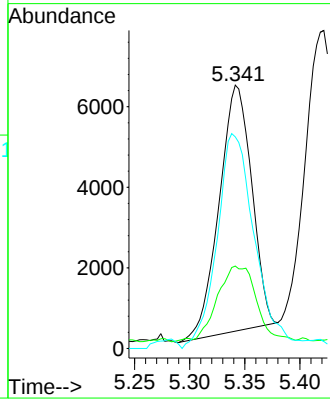
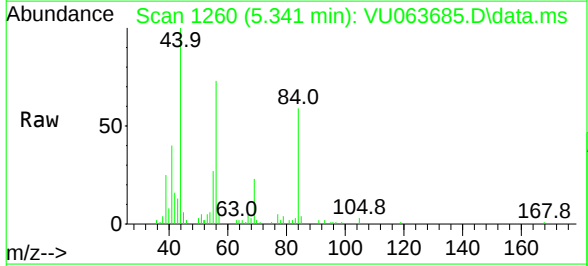




#19
Cyclohexane
Concen: 0.485 ug/l
RT: 5.341 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

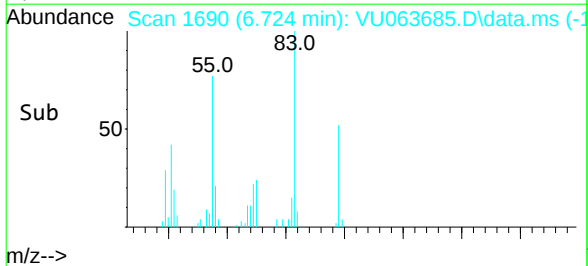
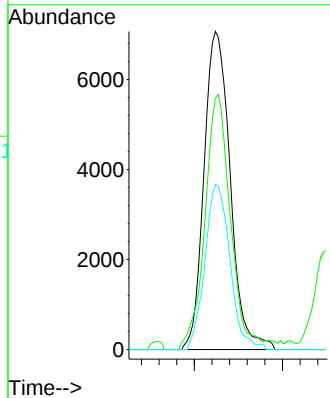
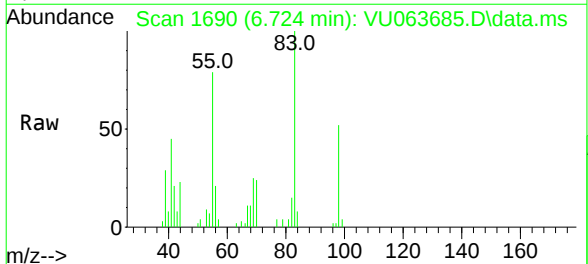
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

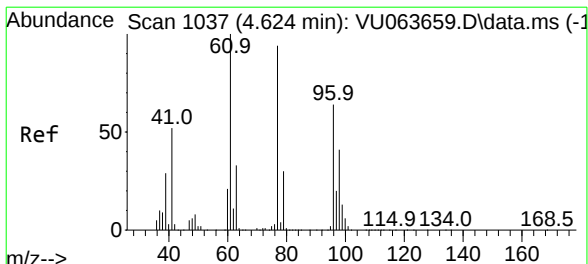
Tgt Ion:	56	Resp:	12548
Ion	Ratio	Lower	Upper
56	100		
69	34.8	27.1	40.7
84	95.9	73.4	110.0



#20
Methylcyclohexane
Concen: 0.454 ug/l
RT: 6.724 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:	83	Resp:	14610
Ion	Ratio	Lower	Upper
83	100		
55	74.2	61.5	92.3
98	49.5	37.9	56.9

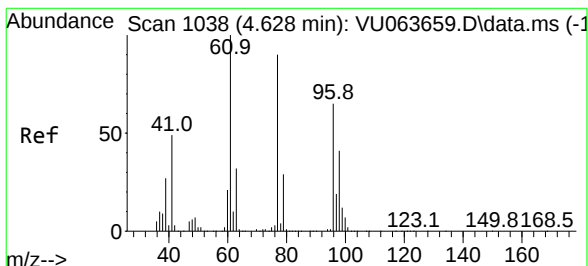
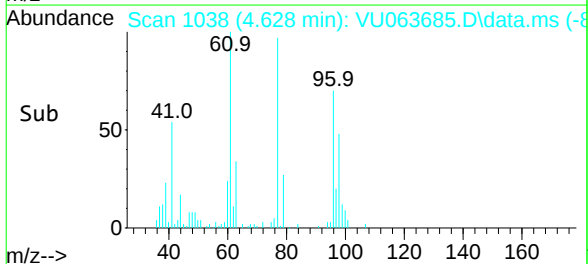
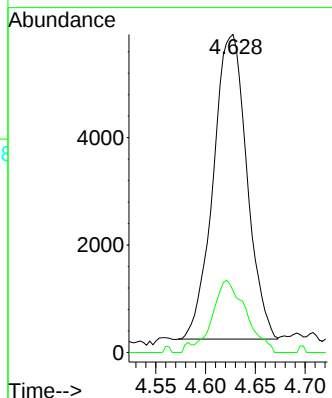
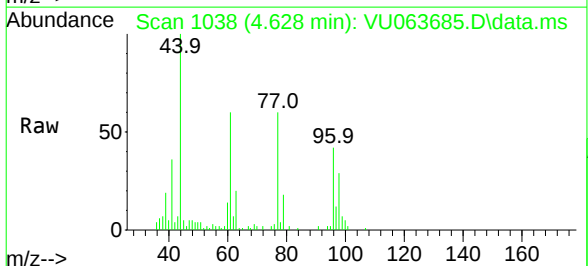




#21
 2,2-Dichloropropane
 Concen: 0.440 ug/l
 RT: 4.628 min Scan# 1037
 Delta R.T. 0.003 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

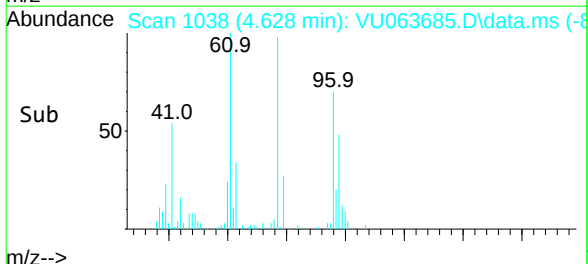
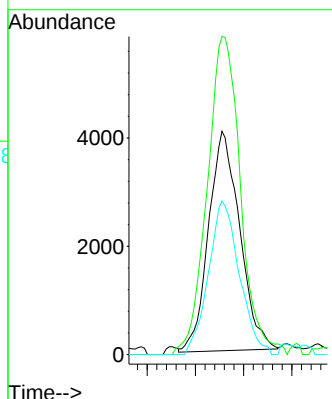
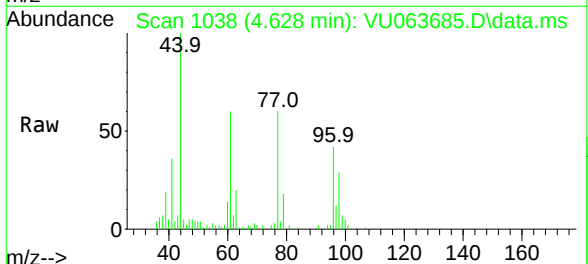
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT4-2025

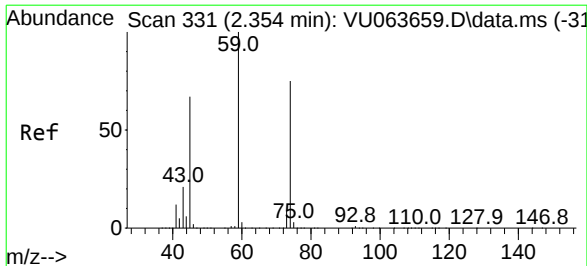
Tgt Ion: 77 Resp: 13345
 Ion Ratio Lower Upper
 77 100
 97 23.4 17.1 25.7



#22
 cis-1,2-Dichloroethene
 Concen: 0.468 ug/l
 RT: 4.628 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

Tgt Ion: 96 Resp: 9109
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 385.0
 98 69.2 31.3 93.9





#23

Diethyl Ether

Concen: 0.470 ug/l

RT: 2.361 min Scan# 331

Delta R.T. 0.006 min

Lab File: VU063685.D

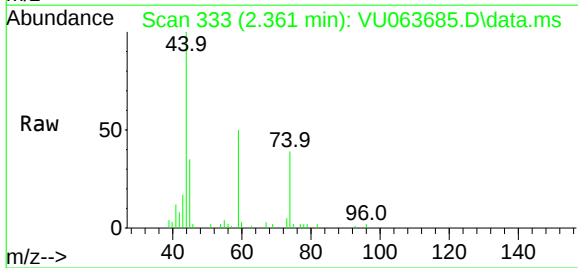
Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025



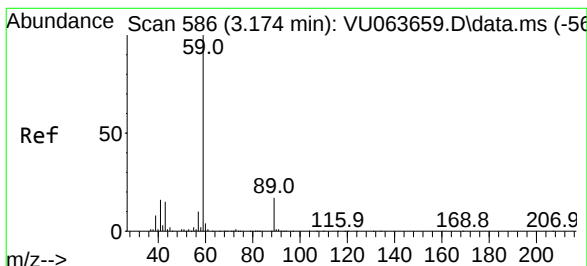
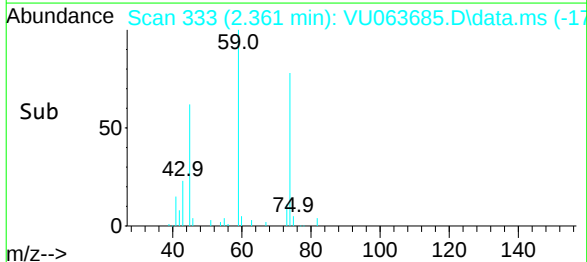
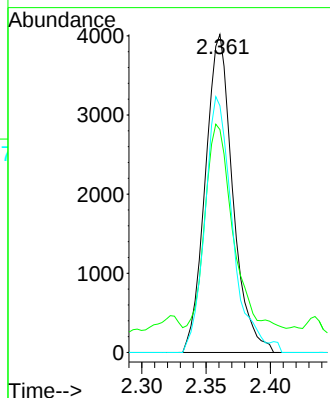
Tgt Ion: 59 Resp: 5967

Ion Ratio Lower Upper

59 100

45 64.4 52.6 78.8

74 81.5 59.4 89.2



#24

tert-Butyl Alcohol

Concen: 4.771 ug/l

RT: 3.171 min Scan# 585

Delta R.T. -0.003 min

Lab File: VU063685.D

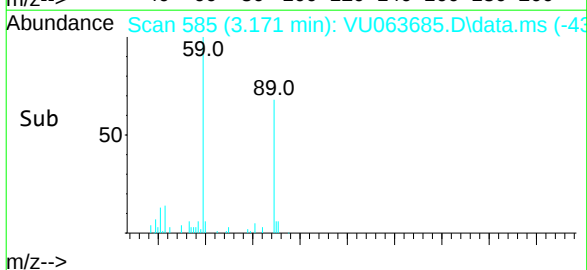
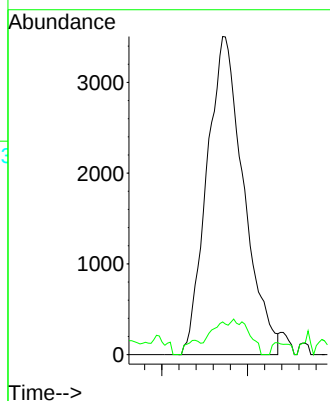
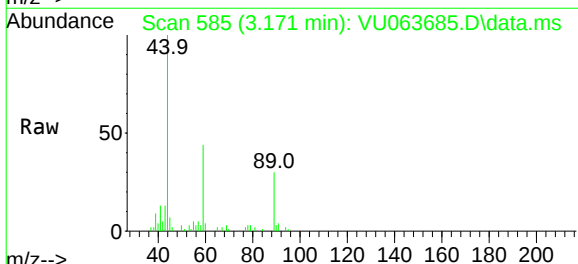
Acq: 07 Nov 2025 14:28

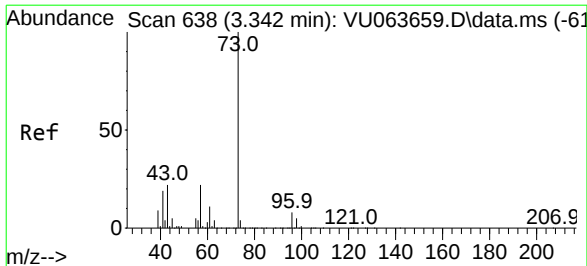
Tgt Ion: 59 Resp: 10436

Ion Ratio Lower Upper

59 100

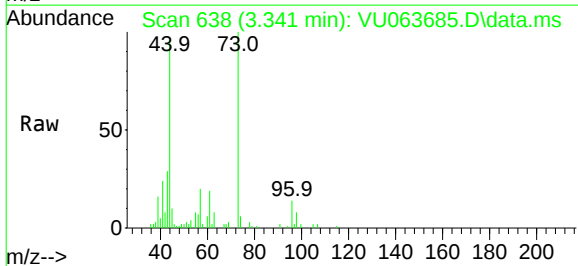
57 2.8 7.2 10.8#



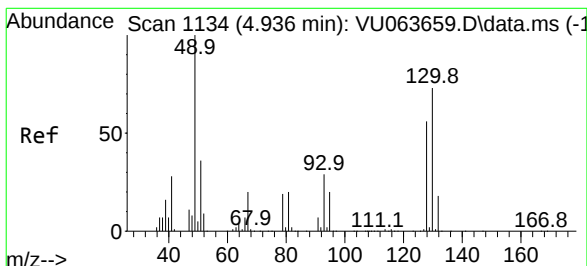
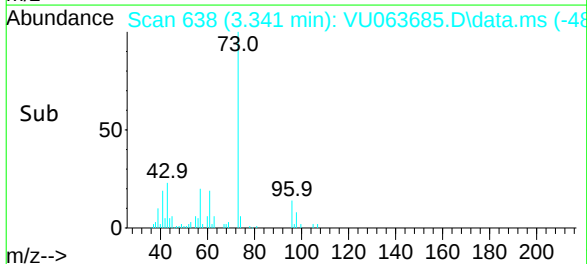
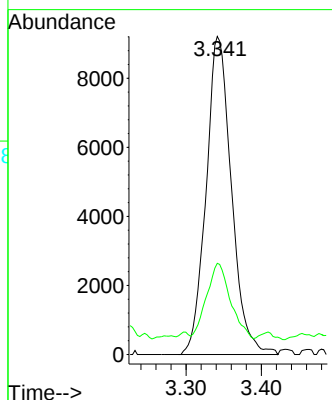


#25
Methyl tert-Butyl Ether
Concen: 0.475 ug/l
RT: 3.341 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

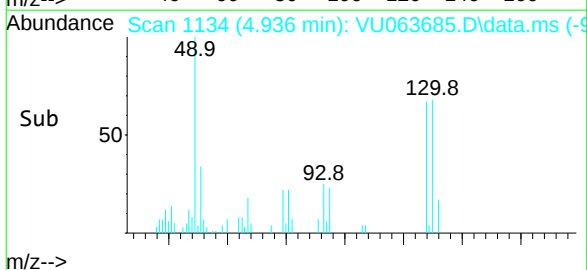
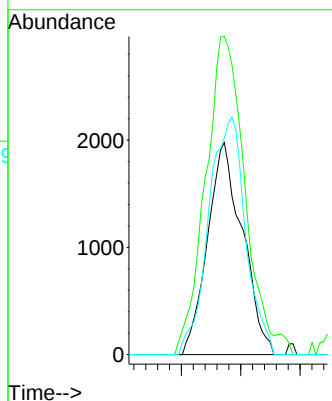
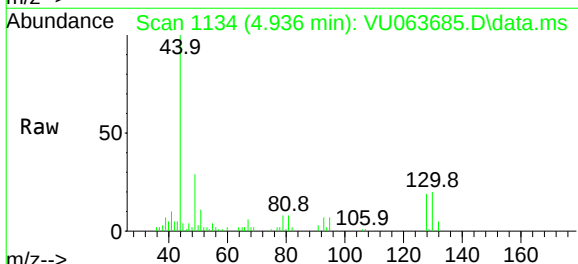


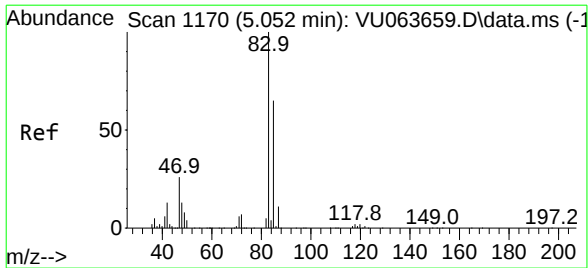
Tgt Ion: 73 Resp: 21568
Ion Ratio Lower Upper
73 100
43 22.3 17.4 26.0



#26
Bromochloromethane
Concen: 0.493 ug/l
RT: 4.936 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 128 Resp: 4047
Ion Ratio Lower Upper
128 100
49 169.8 0.0 349.6
130 117.9 102.7 154.1

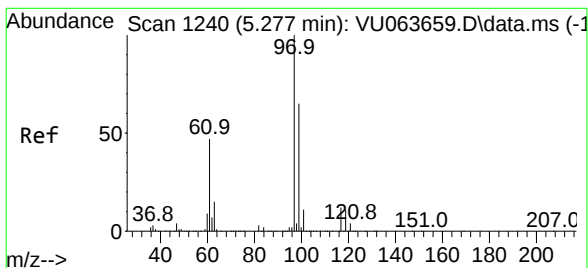
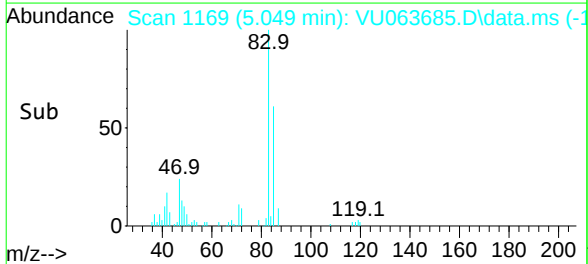
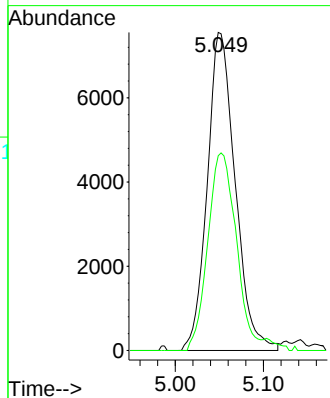
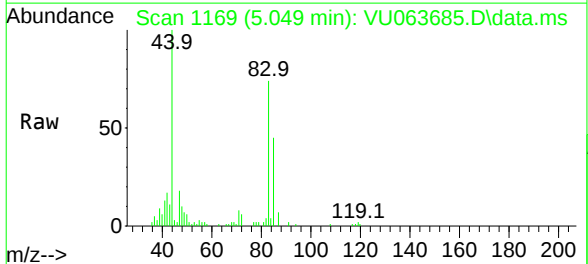




#27
Chloroform
Concen: 0.480 ug/l
RT: 5.049 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

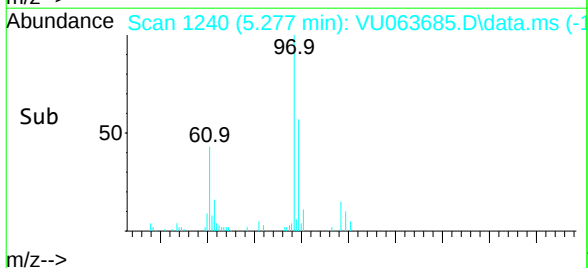
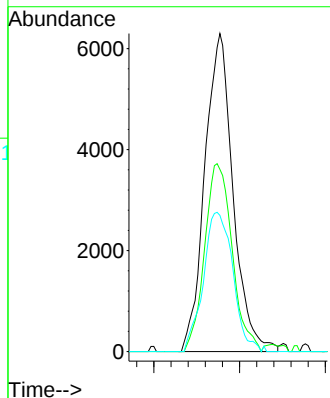
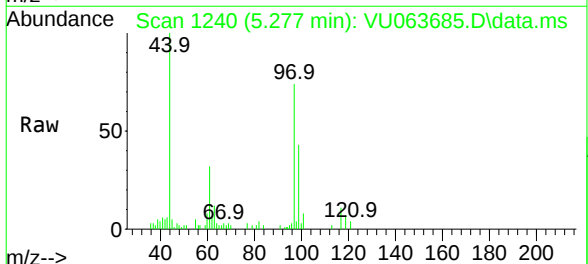
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

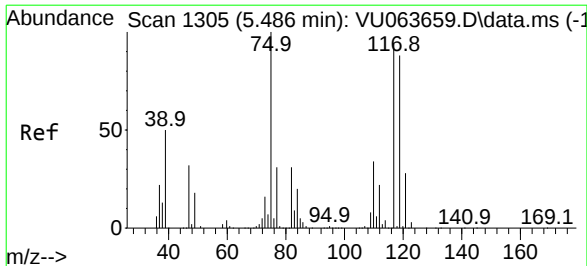
Tgt Ion: 83 Resp: 16627
Ion Ratio Lower Upper
83 100
85 61.2 0.0 130.8



#28
1,1,1-Trichloroethane
Concen: 0.473 ug/l
RT: 5.277 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 97 Resp: 14428
Ion Ratio Lower Upper
97 100
99 57.5 32.3 96.8
61 45.8 23.3 69.8

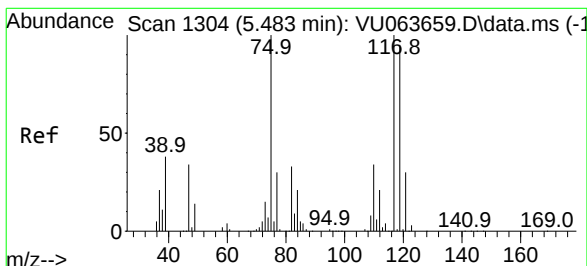
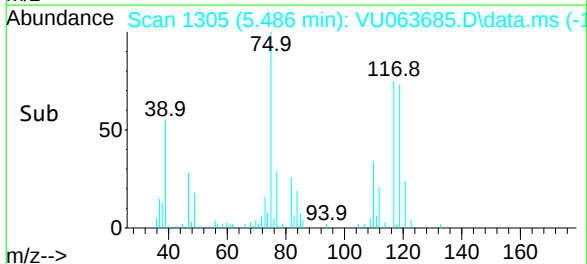
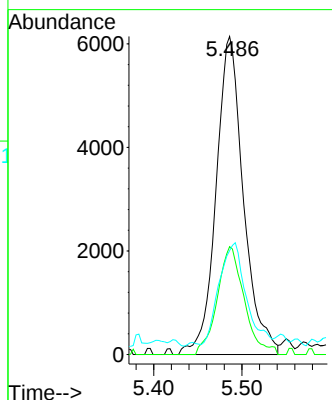
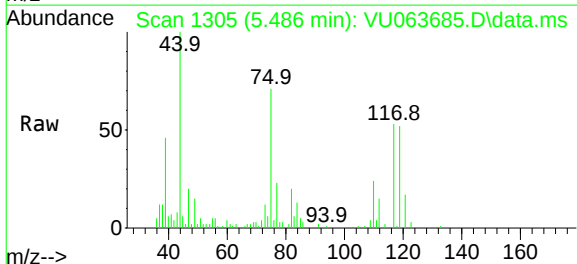




#29
1,1-Dichloropropene
Concen: 0.517 ug/l
RT: 5.486 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

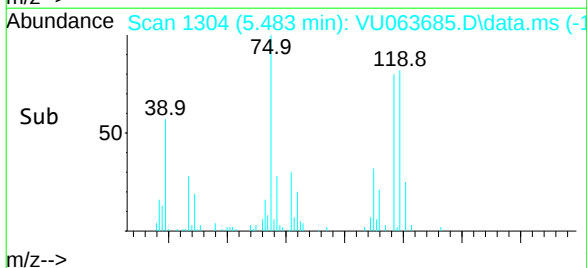
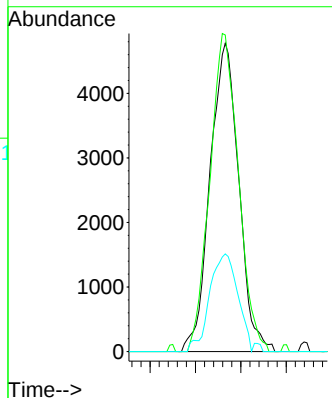
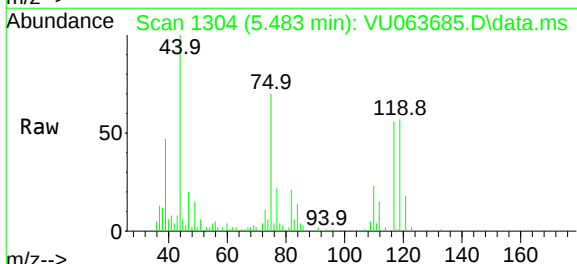
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

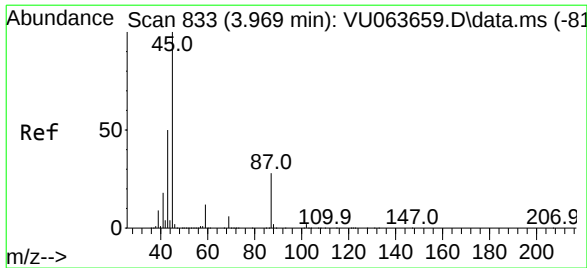
Tgt Ion:	75	Resp:	13243
Ion	Ratio	Lower	Upper
75	100		
110	33.3	17.2	51.5
77	31.1	24.5	36.7



#30
Carbon Tetrachloride
Concen: 0.435 ug/l
RT: 5.483 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:	117	Resp:	10506
Ion	Ratio	Lower	Upper
117	100		
119	102.7	75.7	113.5
121	31.7	23.8	35.6

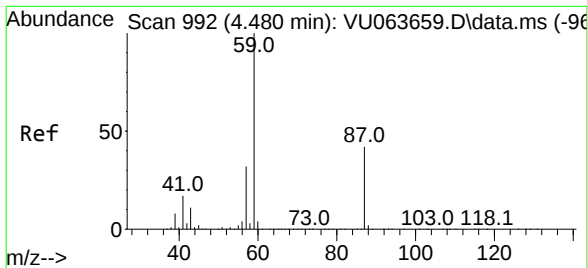
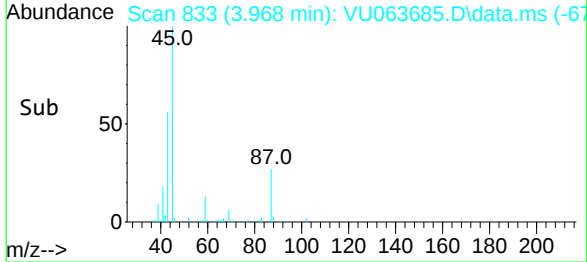
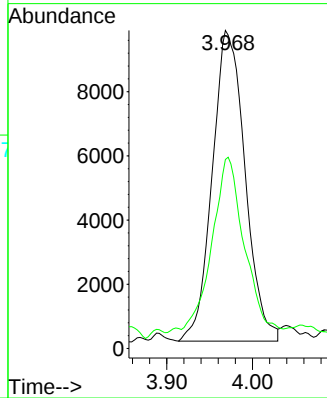
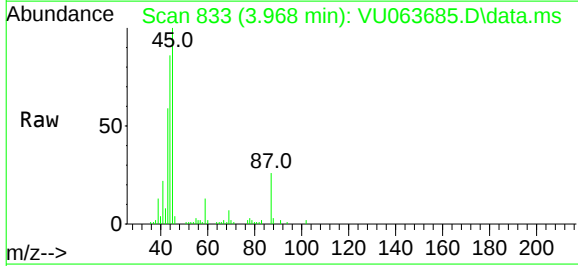




#31
Isopropyl Ether
Concen: 0.480 ug/l
RT: 3.968 min Scan# 833
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

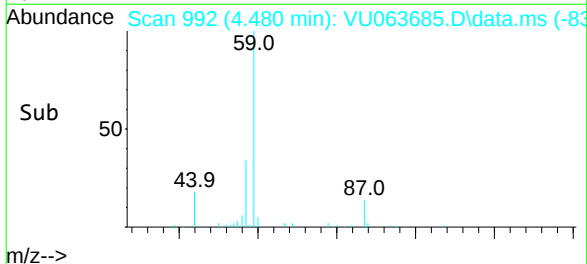
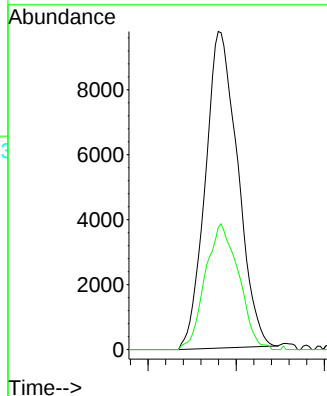
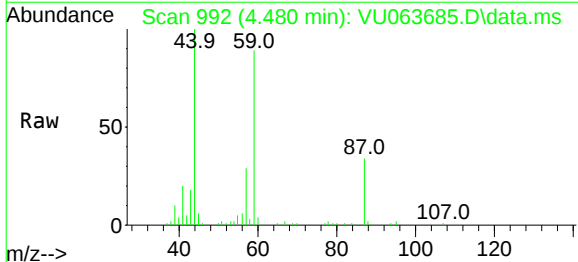
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

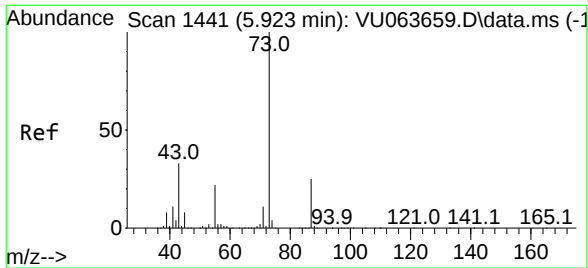
Tgt Ion: 45 Resp: 25716
Ion Ratio Lower Upper
45 100
43 52.5 25.3 75.9



#32
Ethyl-t-butyl ether
Concen: 0.482 ug/l
RT: 4.480 min Scan# 992
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 59 Resp: 24910
Ion Ratio Lower Upper
59 100
87 40.9 33.0 49.6

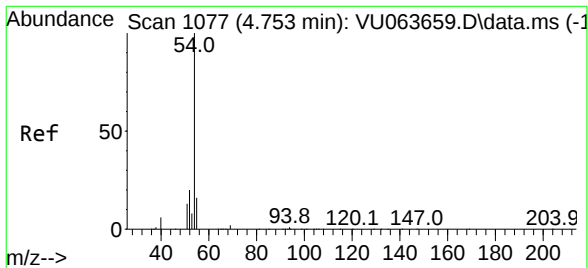
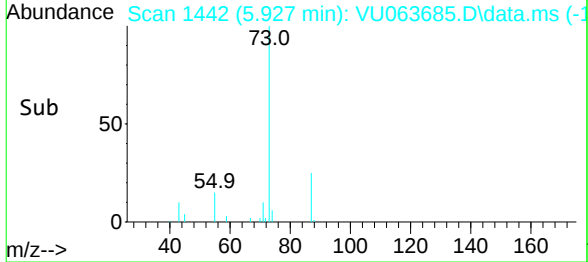
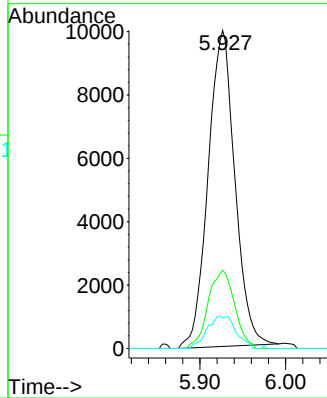
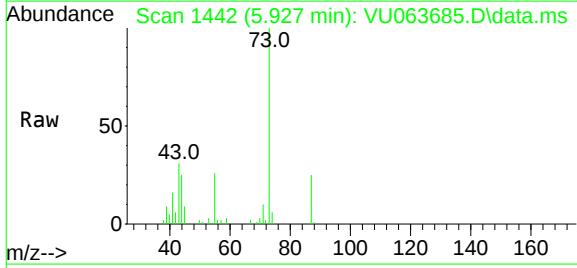




#33
Tert-Amyl methyl ether
Concen: 0.481 ug/l
RT: 5.927 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

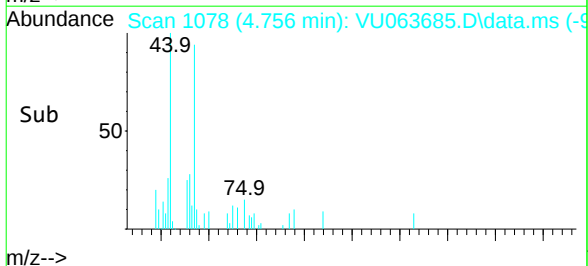
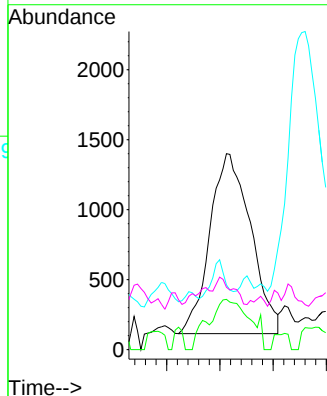
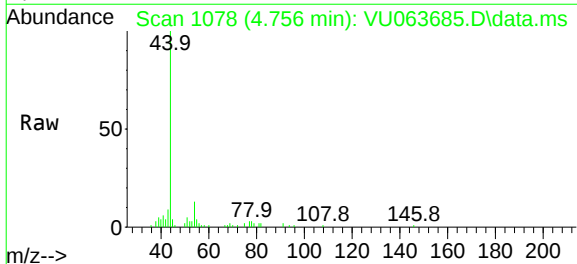
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

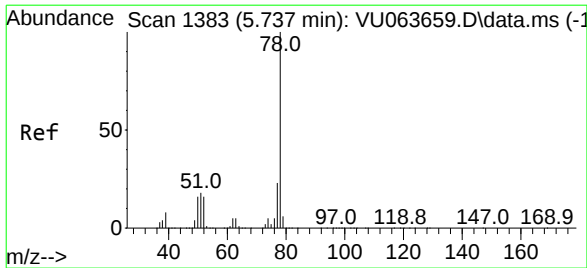
Tgt Ion: 73	Resp: 21634
Ion Ratio	Lower Upper
73 100	
87 24.4	20.0 30.0
71 10.9	9.0 13.4



#34
Propionitrile
Concen: 2.449 ug/l
RT: 4.756 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 54	Resp: 3435
Ion Ratio	Lower Upper
54 100	
52 23.1	15.8 23.6
55 7.0	11.3 16.9#
40 5.9	6.2 9.4#





#35

Benzene

Concen: 0.495 ug/l

RT: 5.737 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

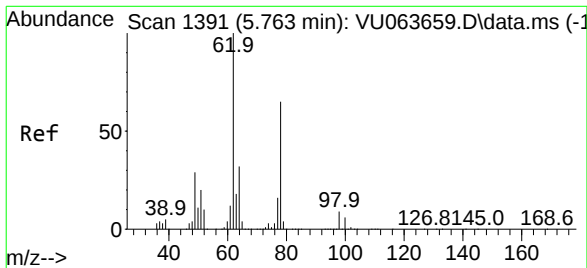
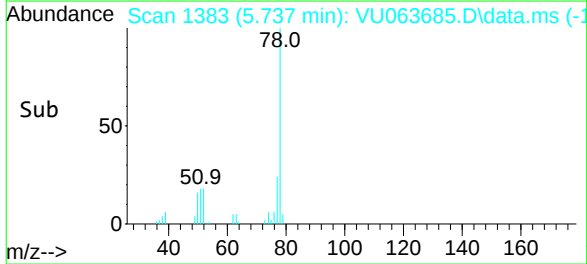
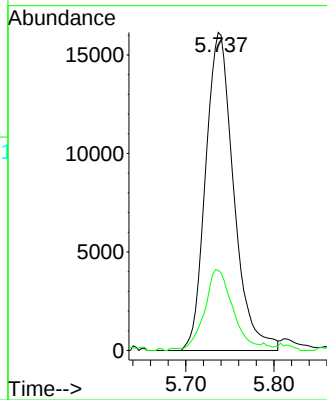
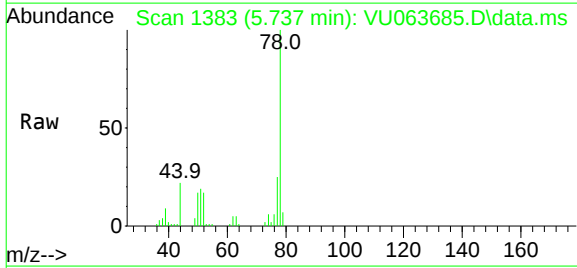
LOQ-WATER-02-QT4-2025

Tgt Ion: 78 Resp: 35737

Ion Ratio Lower Upper

78 100

77 24.5 18.3 27.5



#36

1,2-Dichloroethane

Concen: 0.497 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.003 min

Lab File: VU063685.D

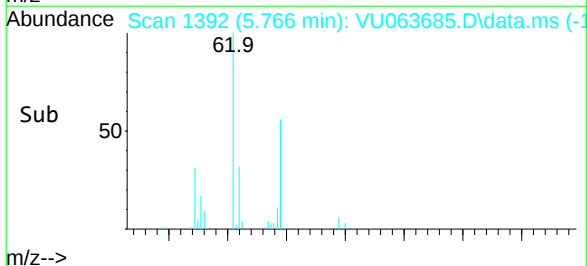
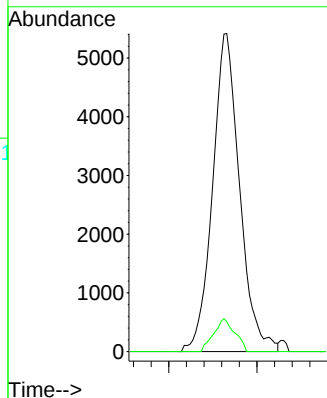
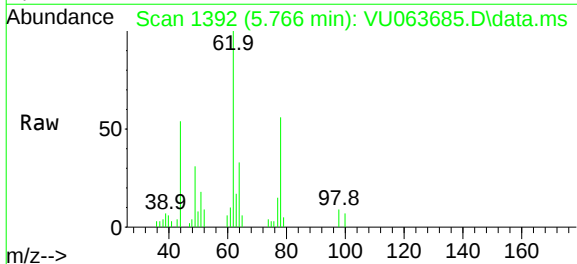
Acq: 07 Nov 2025 14:28

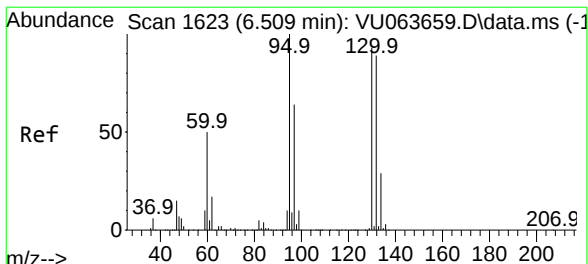
Tgt Ion: 62 Resp: 11519

Ion Ratio Lower Upper

62 100

98 8.0 6.8 10.2

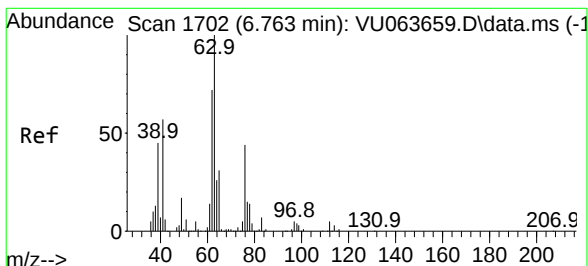
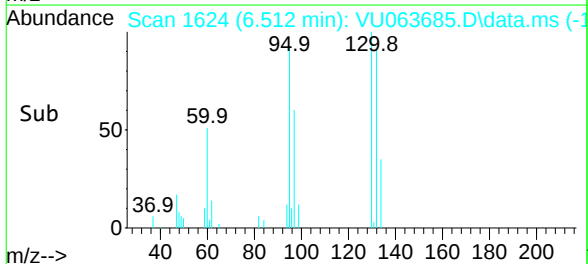
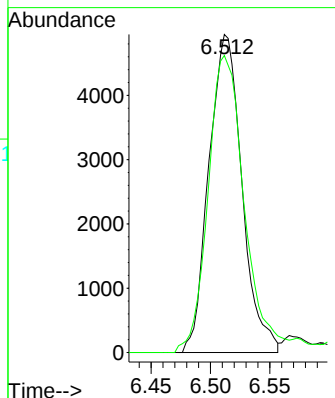
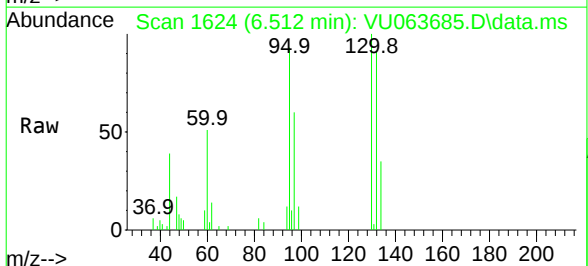




#37
 Trichloroethene
 Concen: 0.466 ug/l
 RT: 6.512 min Scan# 16
 Delta R.T. 0.003 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

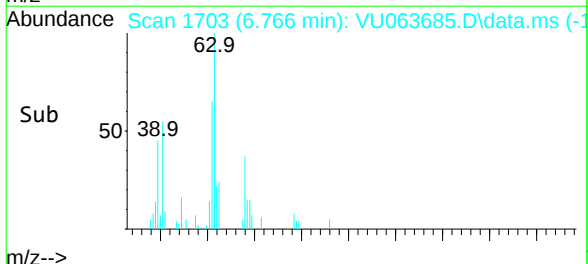
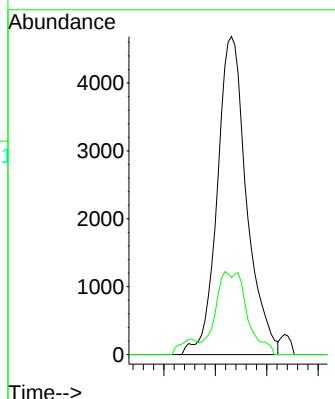
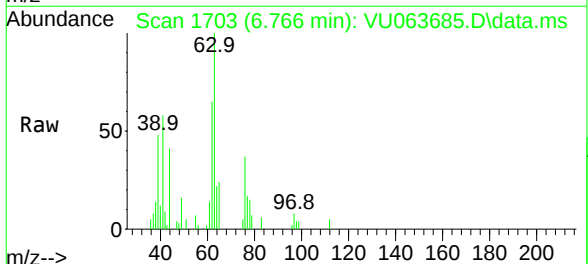
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT4-2025

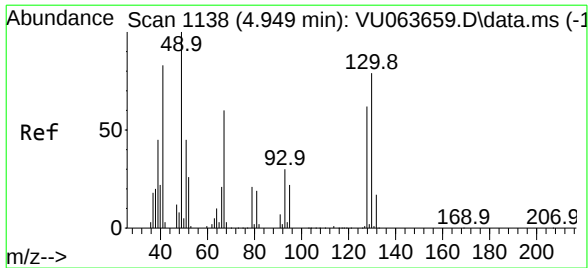
Tgt Ion: 130 Resp: 9594
 Ion Ratio Lower Upper
 130 100
 95 91.2 86.0 129.0



#38
 1,2-Dichloropropane
 Concen: 0.460 ug/l
 RT: 6.766 min Scan# 1703
 Delta R.T. 0.003 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

Tgt Ion: 63 Resp: 9295
 Ion Ratio Lower Upper
 63 100
 65 24.2 24.5 36.7#

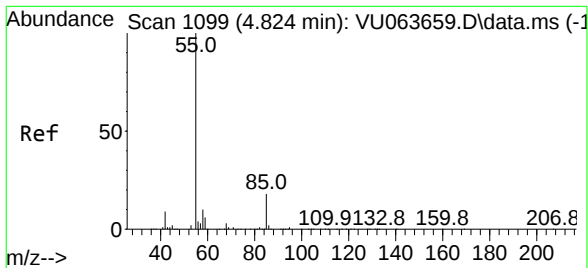
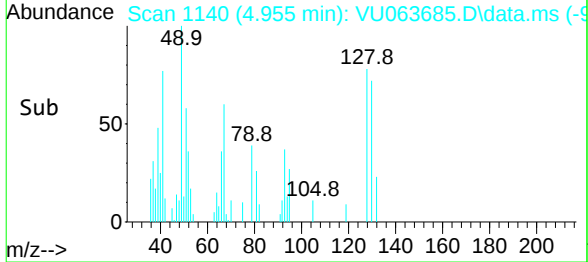
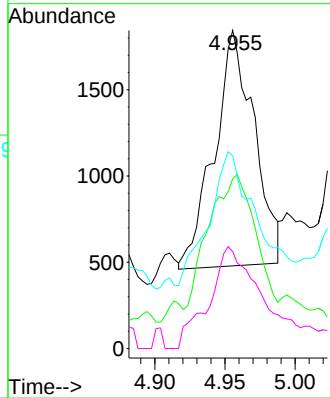
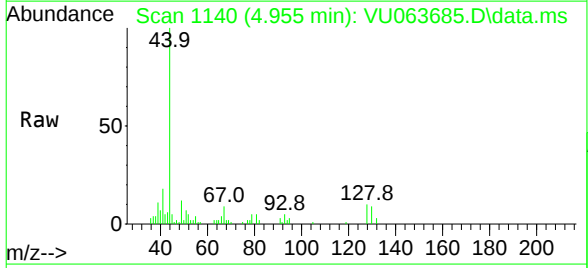




#39
Methacrylonitrile
Concen: 0.388 ug/l
RT: 4.955 min Scan# 111
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

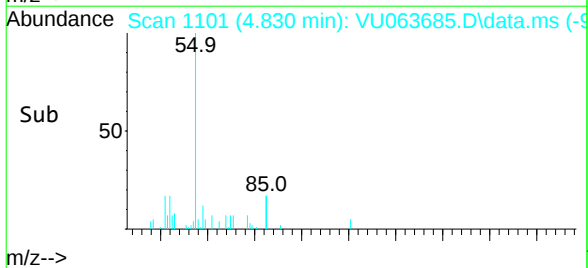
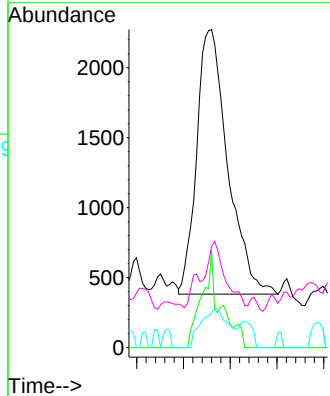
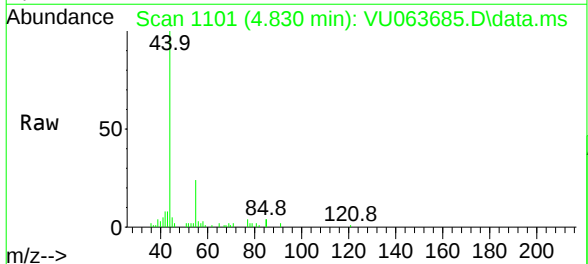
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

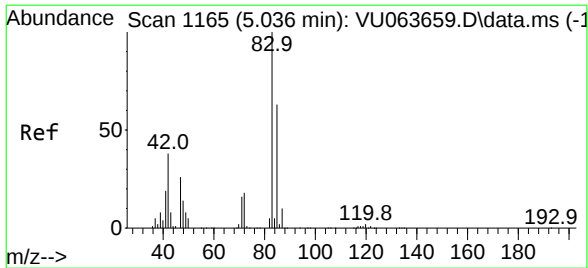
Tgt Ion: 41	Resp: 2708
Ion Ratio	Lower Upper
41 100	
67 66.3	61.4 92.2
39 72.4	46.5 69.7#
52 62.0	25.8 38.6#



#40
Methyl acrylate
Concen: 0.432 ug/l
RT: 4.830 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 55	Resp: 4376
Ion Ratio	Lower Upper
55 100	
85 14.9	15.3 22.9#
58 12.8	7.7 11.5#
42 13.3	7.9 11.9#

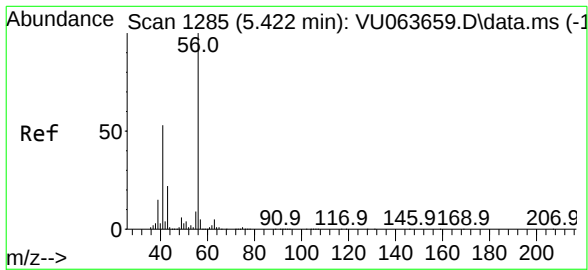
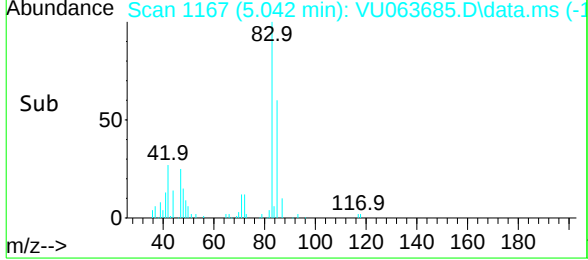
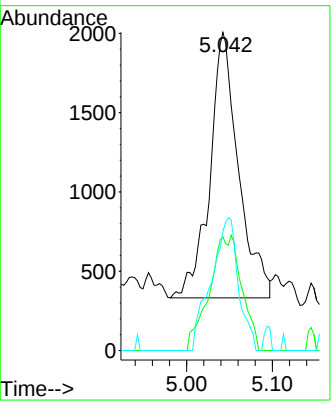
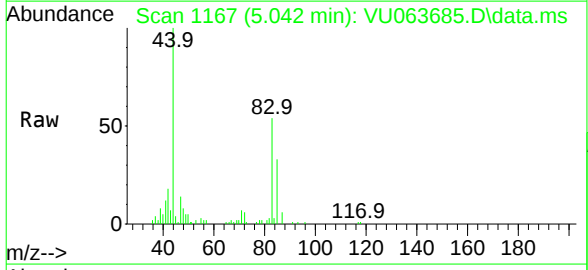




#41
 Tetrahydrofuran
 Concen: 1.240 ug/l
 RT: 5.042 min Scan# 1167
 Delta R.T. 0.006 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

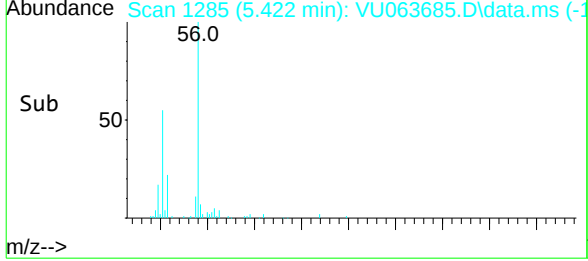
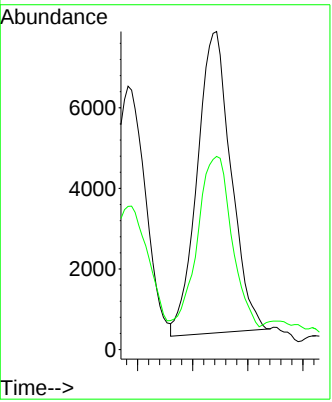
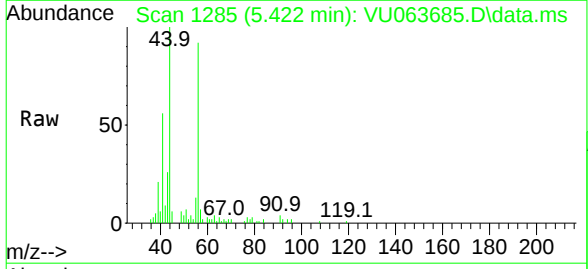
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT4-2025

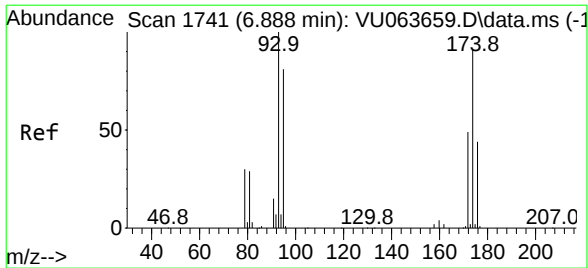
Tgt Ion:	42	Resp:	3895
Ion	Ratio	Lower	Upper
42	100		
72	29.8	40.5	60.7#
71	47.4	35.0	52.6



#42
 1-Chlorobutane
 Concen: 0.465 ug/l
 RT: 5.422 min Scan# 1285
 Delta R.T. -0.000 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

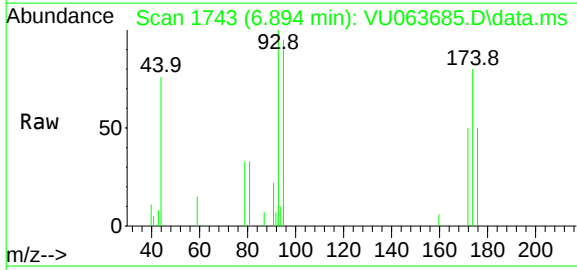
Tgt Ion:	56	Resp:	15970
Ion	Ratio	Lower	Upper
56	100		
41	56.4	25.9	77.6



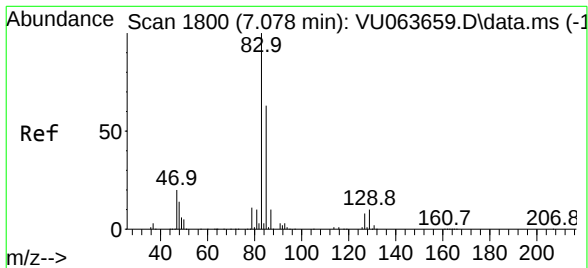
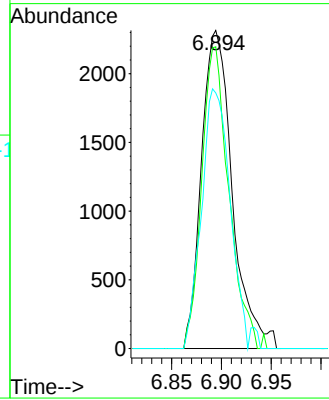
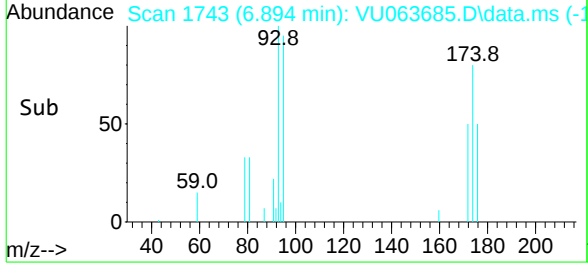


#43
Dibromomethane
Concen: 0.477 ug/l
RT: 6.894 min Scan# 1741
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

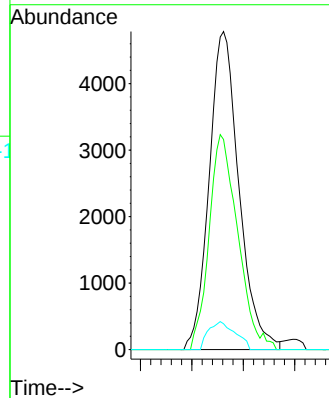
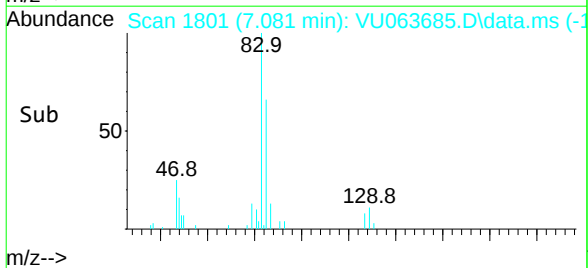
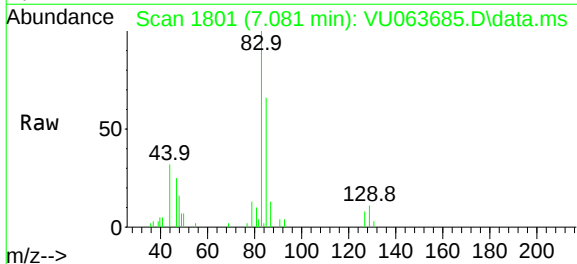


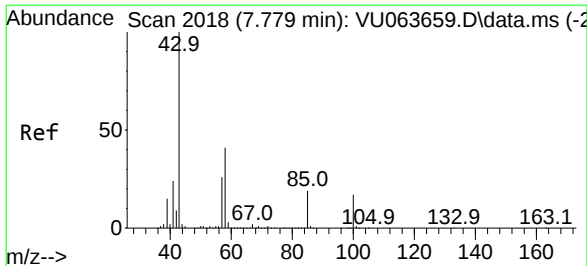
Tgt Ion: 93 Resp: 4988
Ion Ratio Lower Upper
93 100
95 83.3 64.6 97.0
174 75.1 73.8 110.8



#44
Bromodichloromethane
Concen: 0.377 ug/l
RT: 7.081 min Scan# 1801
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 83 Resp: 9632
Ion Ratio Lower Upper
83 100
85 66.1 50.5 75.7
127 8.1 6.4 9.6





#45

4-Methyl-2-Pentanone

Concen: 2.180 ug/l

RT: 7.785 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

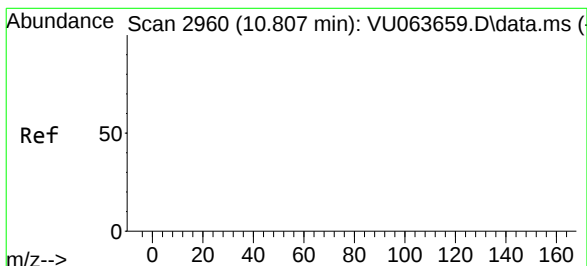
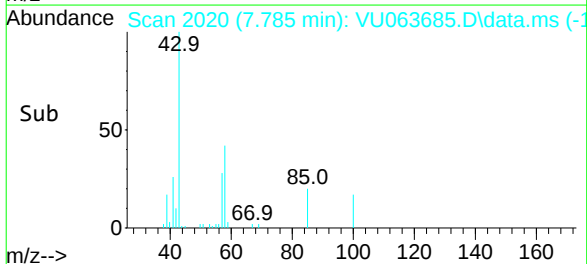
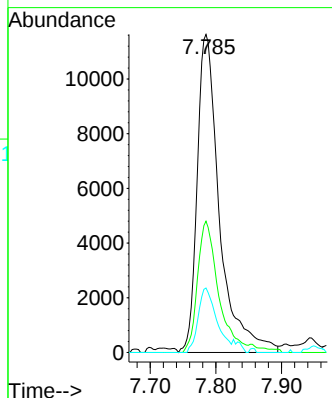
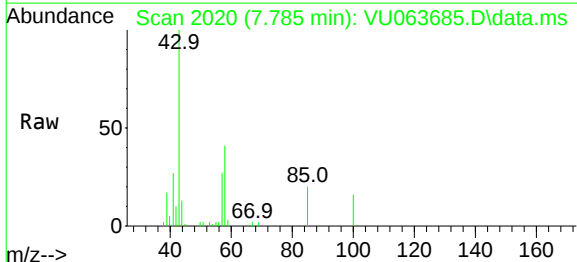
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 43	Resp: 27480
Ion Ratio	Lower Upper
43 100	
58 38.6	20.2 60.5
85 16.7	15.0 22.6



#46

t-1,4-Dichloro-2-butene

Concen: 1.797 ug/l

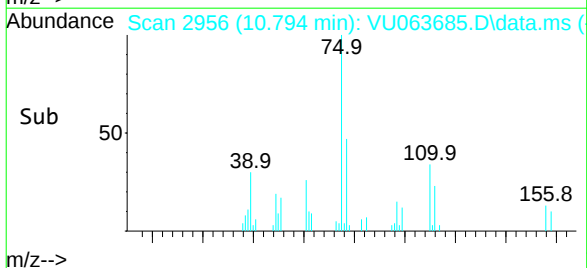
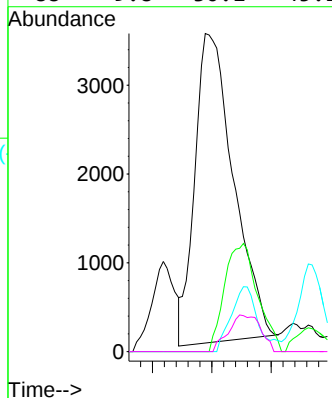
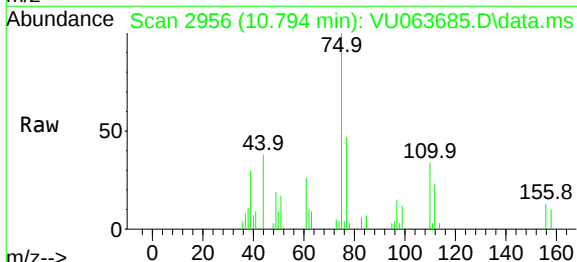
RT: 10.794 min Scan# 2956

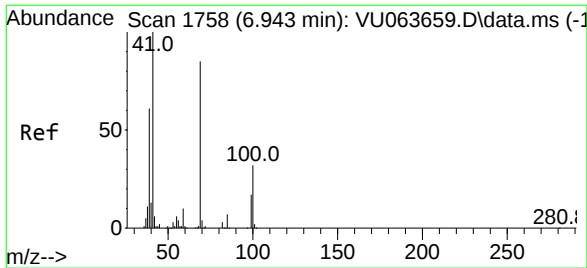
Delta R.T. -0.013 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Tgt Ion: 75	Resp: 7861
Ion Ratio	Lower Upper
75 100	
53 29.9	57.2 85.8#
89 14.8	37.9 56.9#
88 9.8	30.1 45.1#

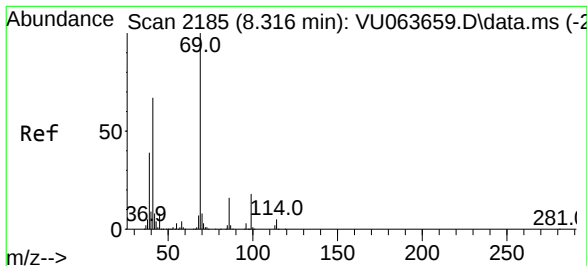
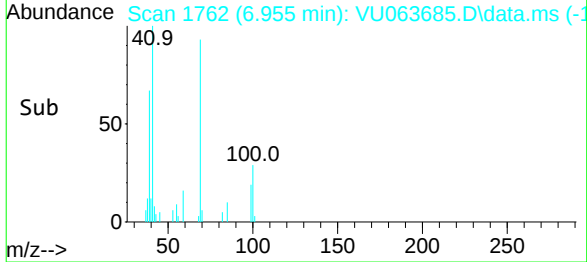
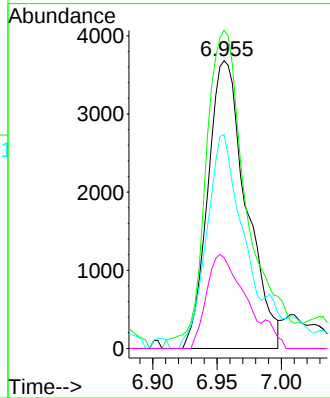
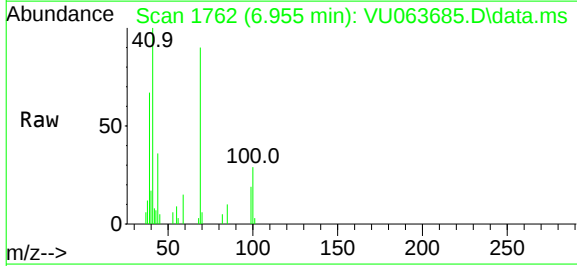




#47
Methyl methacrylate
Concen: 0.794 ug/l
RT: 6.955 min Scan# 1758
Delta R.T. 0.013 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

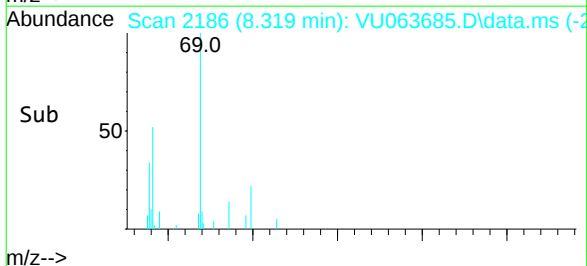
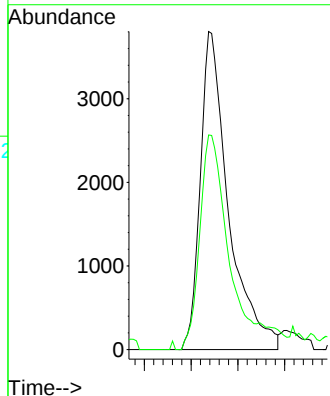
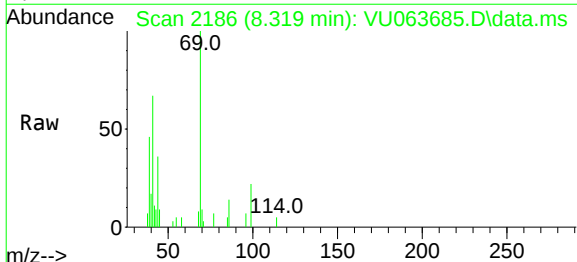
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

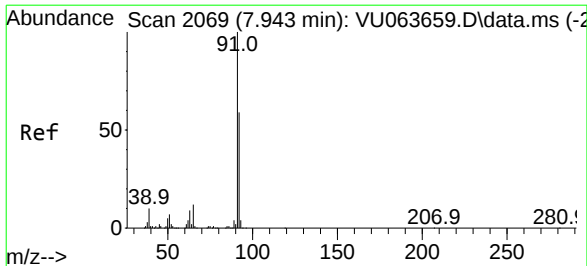
Tgt Ion:	69	Resp:	7634
Ion	Ratio	Lower	Upper
69	100		
41	121.3	0.0	228.2
39	68.9	56.2	84.4
100	34.2	30.6	46.0



#48
Ethyl methacrylate
Concen: 0.406 ug/l
RT: 8.319 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:	69	Resp:	7950
Ion	Ratio	Lower	Upper
69	100		
41	72.6	32.8	98.3





#49

Toluene

Concen: 0.455 ug/l

RT: 7.946 min Scan# 2069

Delta R.T. 0.003 min

Lab File: VU063685.D

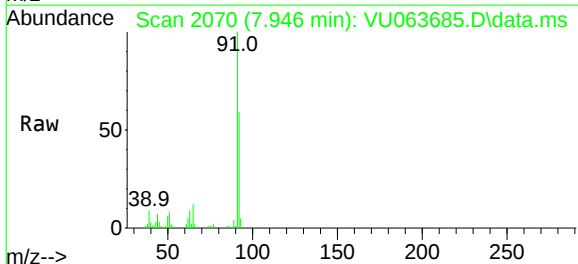
Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

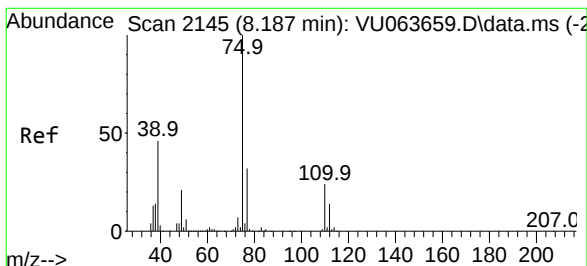
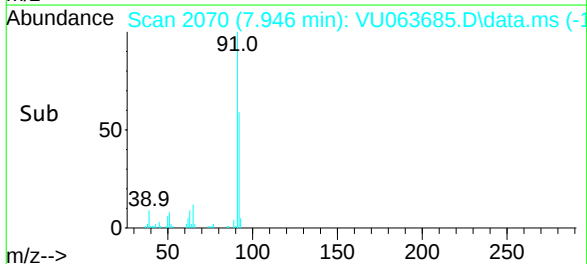
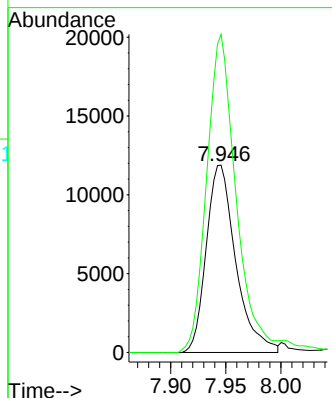


Tgt Ion: 92 Resp: 22177

Ion Ratio Lower Upper

92 100

91 167.6 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 0.373 ug/l

RT: 8.193 min Scan# 2147

Delta R.T. 0.006 min

Lab File: VU063685.D

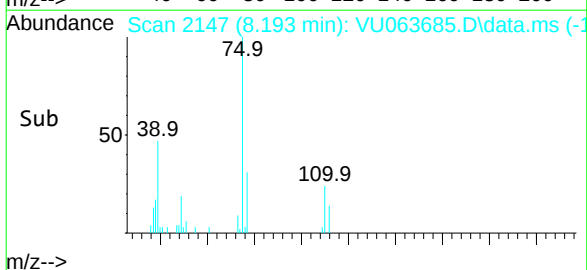
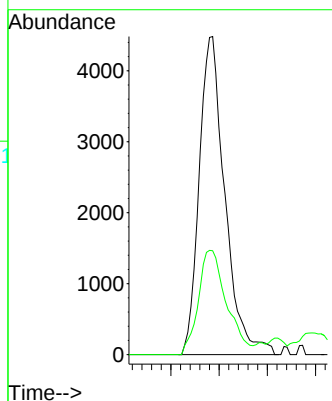
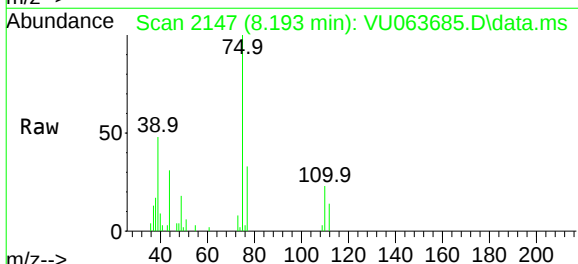
Acq: 07 Nov 2025 14:28

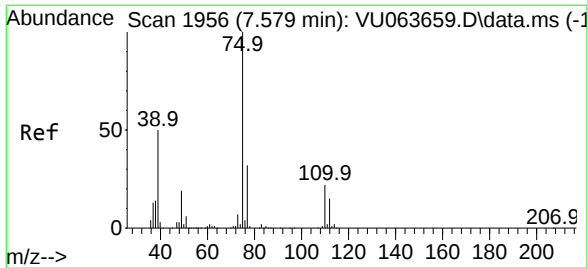
Tgt Ion: 75 Resp: 8296

Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.6





#51

cis-1,3-Dichloropropene

Concen: 0.398 ug/l

RT: 7.586 min Scan# 19

Delta R.T. 0.006 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

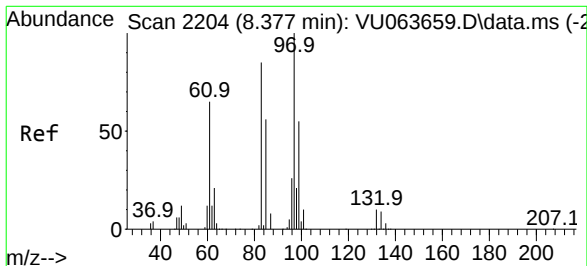
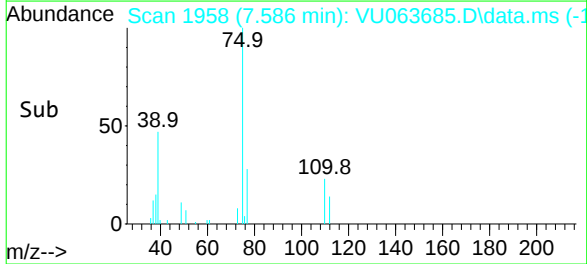
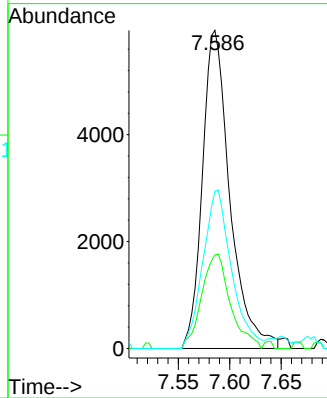
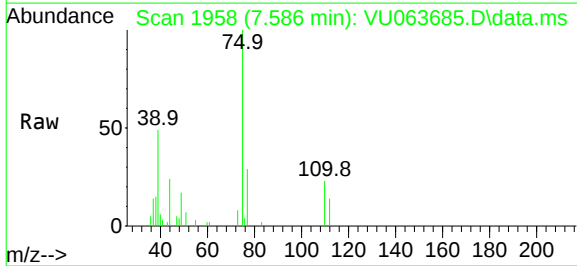
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:	75	Resp:	11068
Ion	Ratio	Lower	Upper
75	100		
77	29.4	25.5	38.3
39	49.5	39.9	59.9



#52

1,1,2-Trichloroethane

Concen: 0.468 ug/l

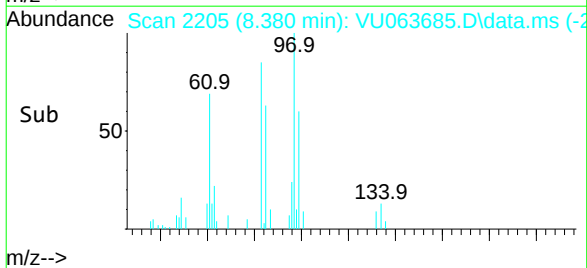
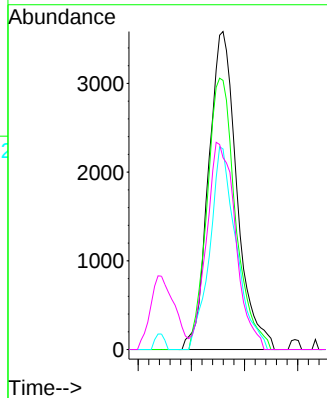
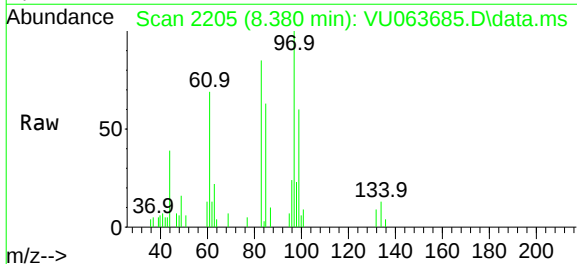
RT: 8.380 min Scan# 2205

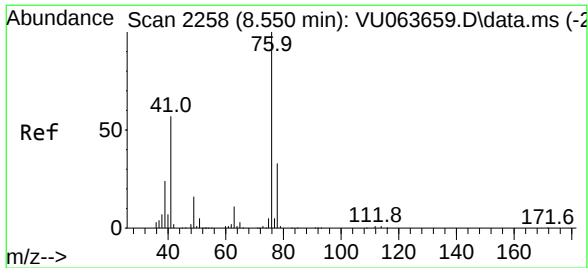
Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Tgt Ion:	97	Resp:	6651
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.3	102.5
85	63.1	45.3	67.9
99	60.3	49.7	74.5

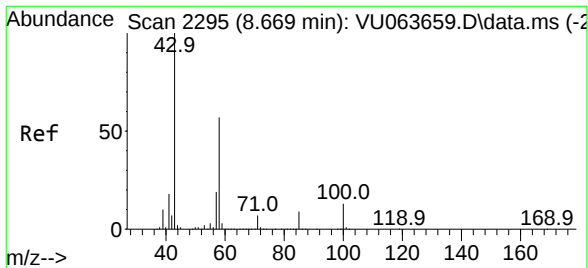
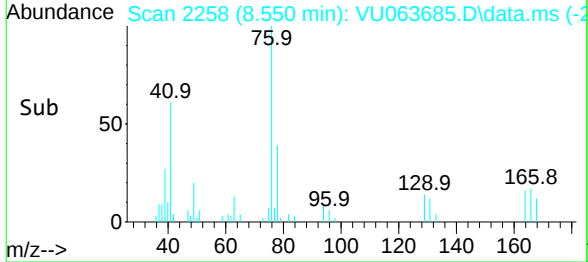
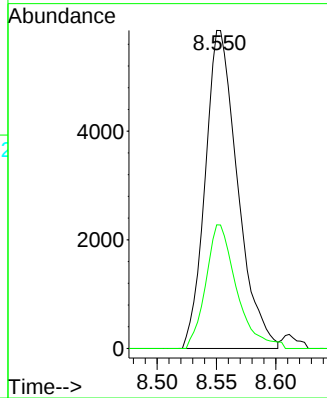
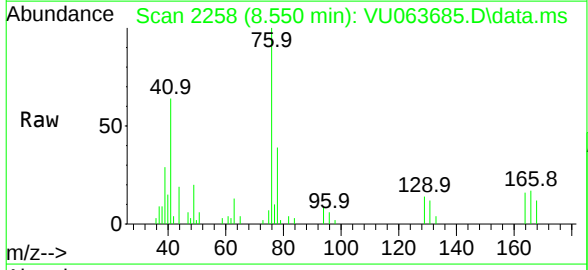




#53
1,3-Dichloropropane
Concen: 0.436 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

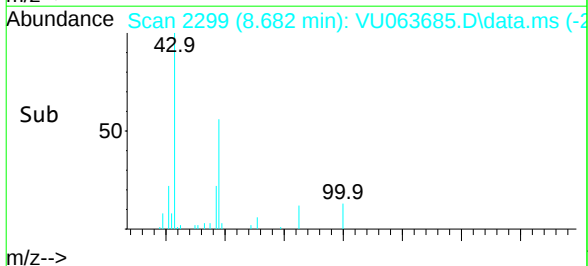
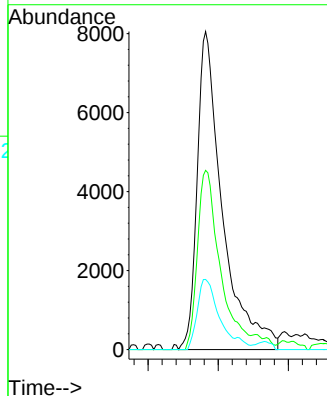
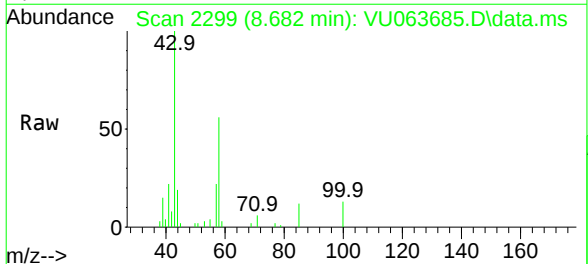
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

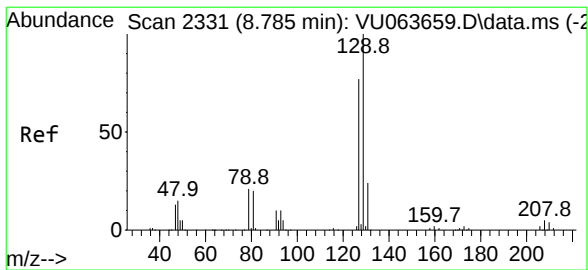
Tgt Ion: 76 Resp: 11081
Ion Ratio Lower Upper
76 100
78 37.0 25.8 38.6



#54
2-Hexanone
Concen: 1.887 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.013 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 43 Resp: 20088
Ion Ratio Lower Upper
43 100
58 50.5 36.3 76.3
57 18.4 0.0 39.7





#55

Dibromochloromethane

Concen: 0.347 ug/l

RT: 8.785 min Scan# 2331

Delta R.T. -0.000 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

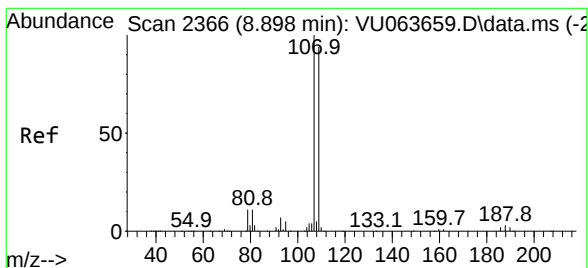
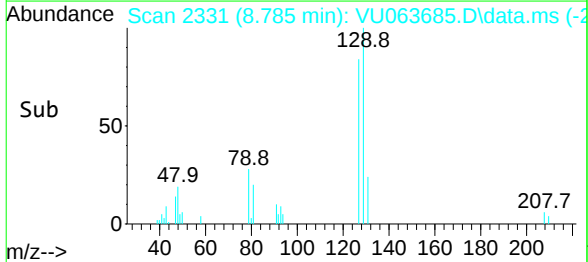
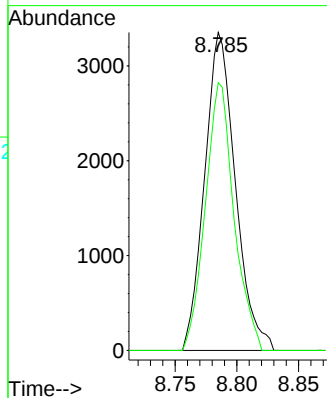
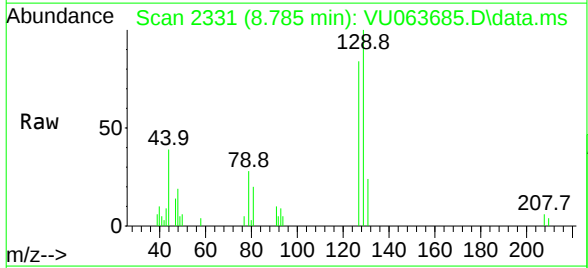
LOQ-WATER-02-QT4-2025

Tgt Ion:129 Resp: 5801

Ion Ratio Lower Upper

129 100

127 78.5 61.4 92.0



#56

1,2-Dibromoethane

Concen: 0.405 ug/l

RT: 8.904 min Scan# 2368

Delta R.T. 0.006 min

Lab File: VU063685.D

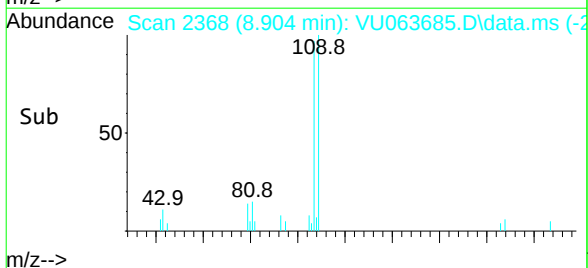
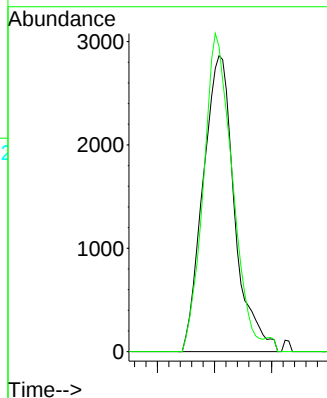
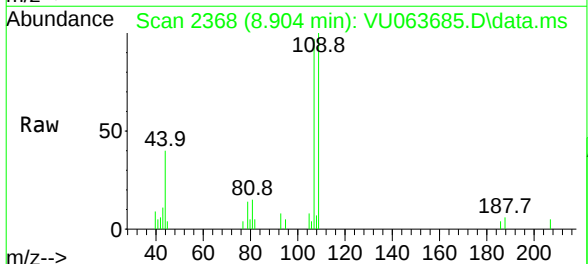
Acq: 07 Nov 2025 14:28

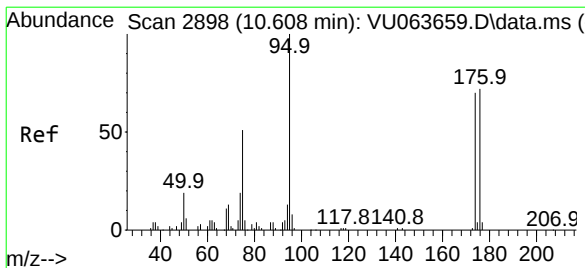
Tgt Ion:107 Resp: 5475

Ion Ratio Lower Upper

107 100

109 98.7 0.0 188.0





#57

4-Bromofluorobenzene

Concen: 0.860 ug/l

RT: 10.611 min Scan# 2899

Delta R.T. 0.003 min

Lab File: VU063685.D

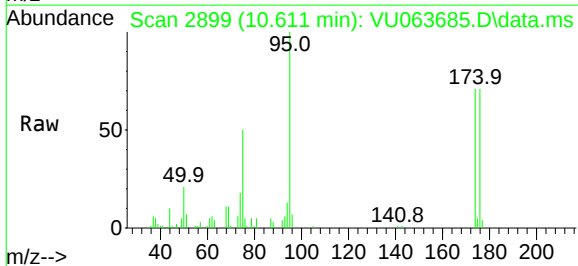
Acq: 07 Nov 2025 14:28

Instrument :

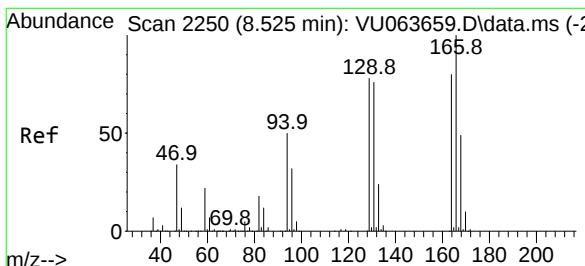
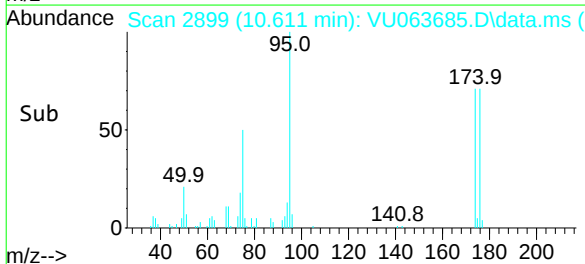
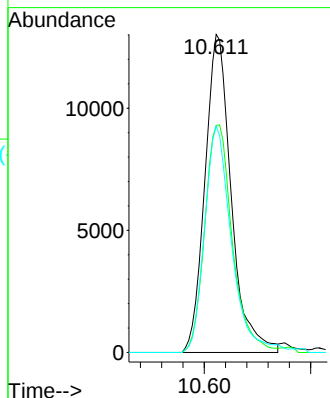
MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025



Tgt Ion:	95	Resp:	22359
Ion Ratio	Lower	Upper	
95	100		
174	74.8	59.9	89.9
176	72.8	58.8	88.2



#58

Tetrachloroethene

Concen: 0.465 ug/l

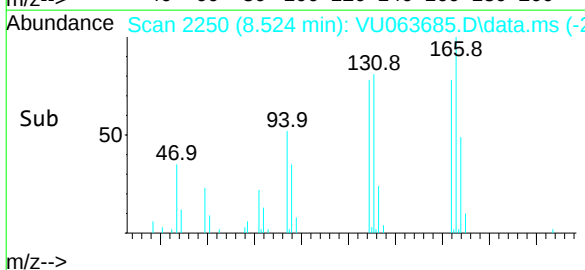
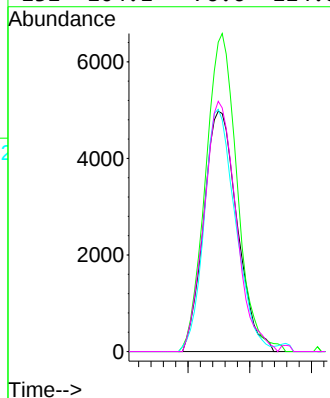
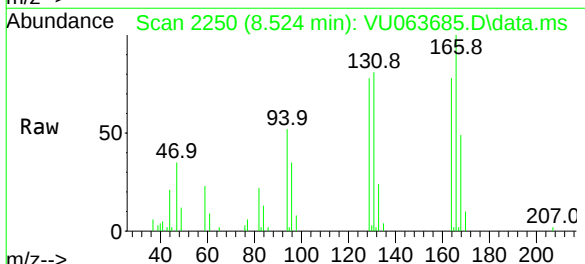
RT: 8.524 min Scan# 2250

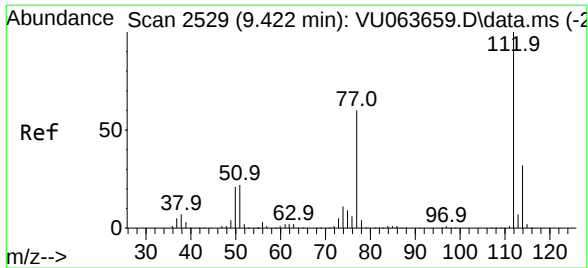
Delta R.T. -0.000 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Tgt Ion:	164	Resp:	9361
Ion Ratio	Lower	Upper	
164	100		
166	128.7	100.1	150.1
129	100.8	77.6	116.4
131	104.1	76.6	114.8

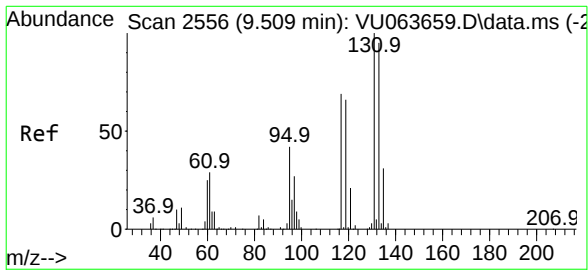
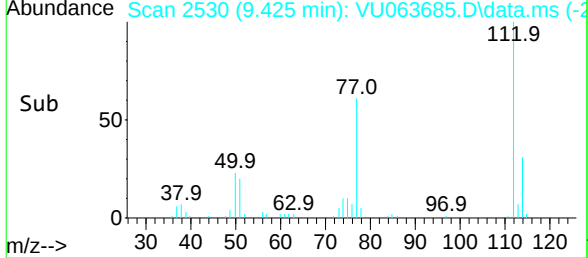
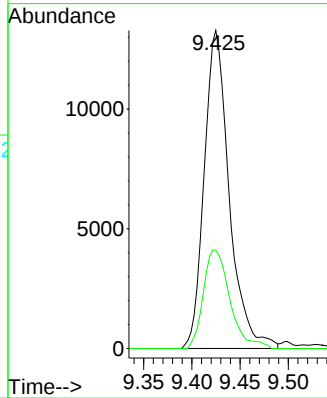
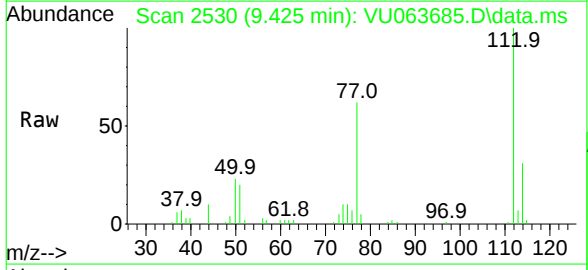




#59
Chlorobenzene
Concen: 0.454 ug/l
RT: 9.425 min Scan# 2529
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

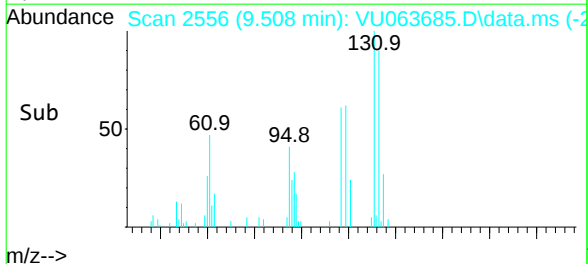
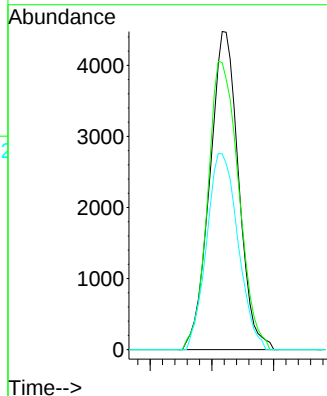
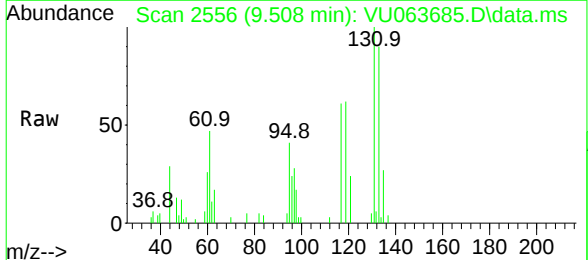
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

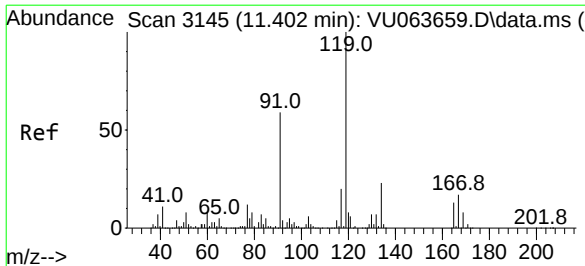
Tgt Ion:112 Resp: 23960
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0



#60
1,1,1,2-Tetrachloroethane
Concen: 0.393 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:131 Resp: 7270
Ion Ratio Lower Upper
131 100
133 96.9 77.0 115.6
119 67.0 52.8 79.2

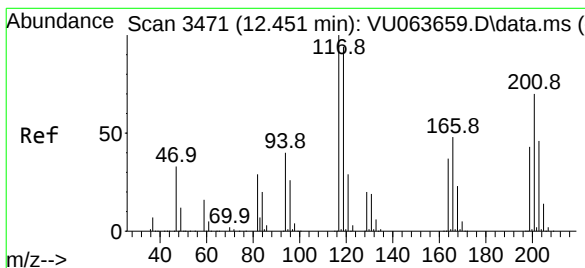
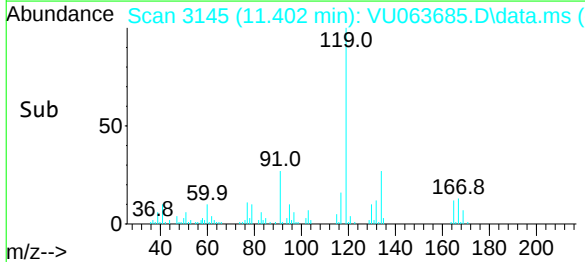
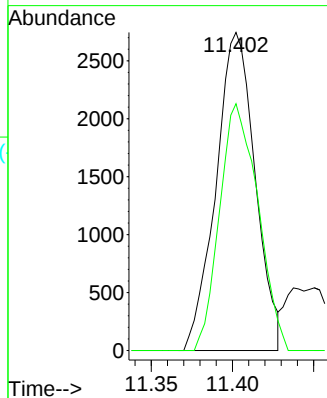
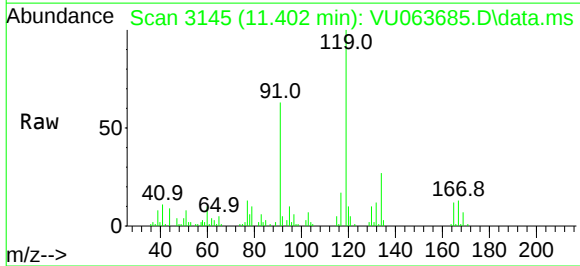




#61
Pentachloroethane
Concen: 0.360 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

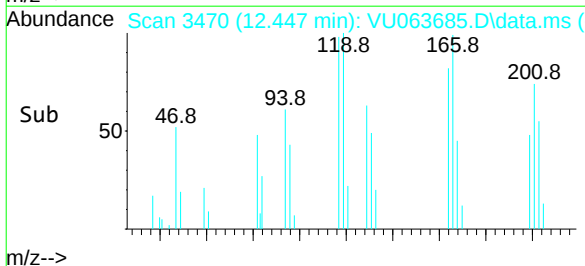
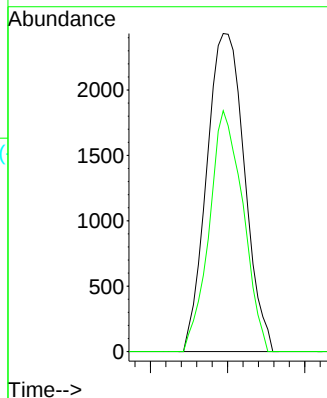
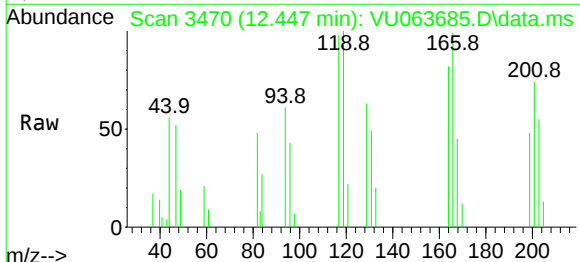
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

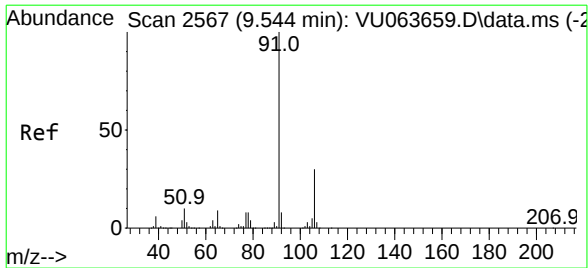
Tgt Ion:117 Resp: 4612
Ion Ratio Lower Upper
117 100
167 75.9 62.8 94.2



#62
Hexachloroethane
Concen: 0.294 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. -0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:117 Resp: 4141
Ion Ratio Lower Upper
117 100
201 67.5 56.3 84.5

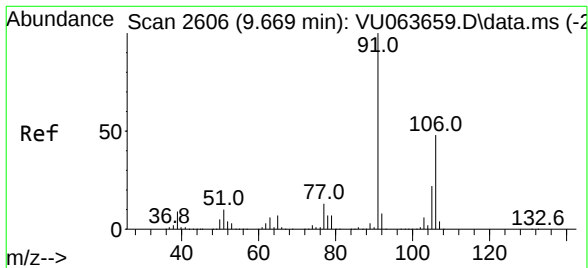
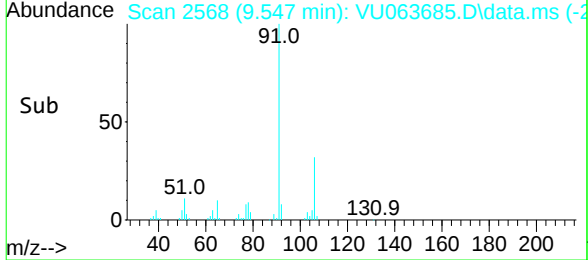
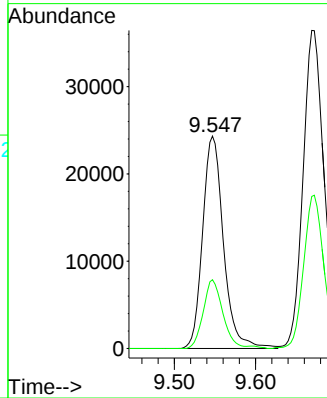
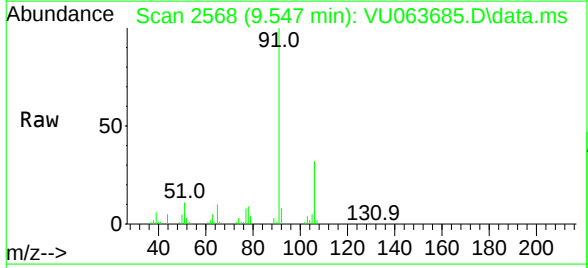




#63
Ethyl Benzene
Concen: 0.454 ug/l
RT: 9.547 min Scan# 2568
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

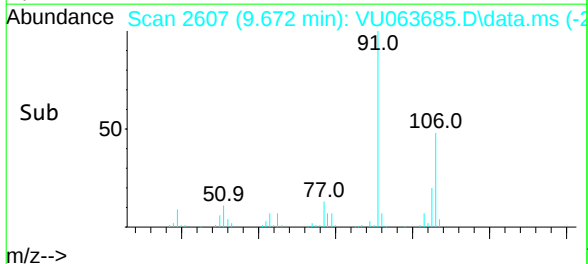
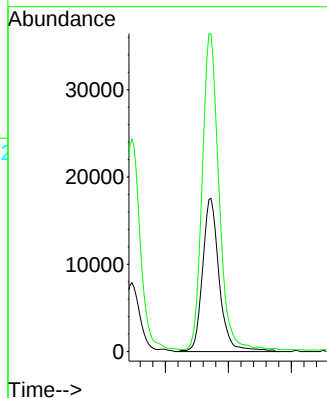
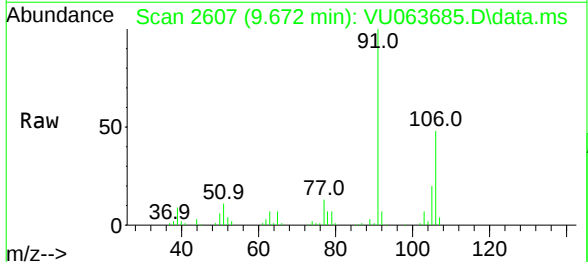
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

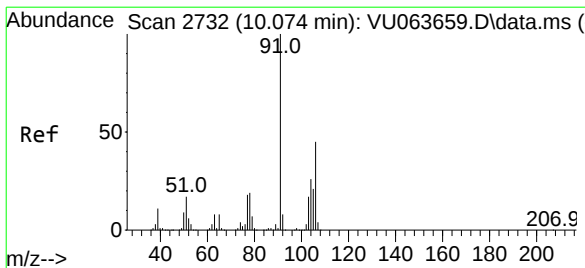
Tgt Ion: 91 Resp: 43427
Ion Ratio Lower Upper
91 100
106 32.4 24.1 36.1



#64
m/p-Xylenes
Concen: 0.901 ug/l
RT: 9.672 min Scan# 2607
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:106 Resp: 32182
Ion Ratio Lower Upper
106 100
91 205.3 167.0 250.4





#65

o-Xylene

Concen: 0.428 ug/l

RT: 10.077 min Scan# 2733

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

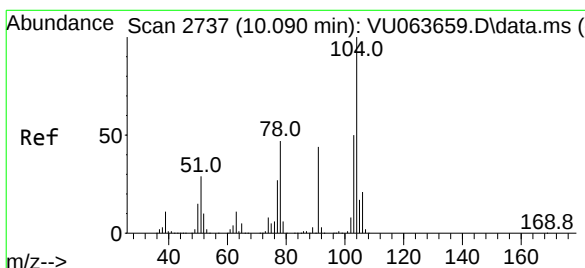
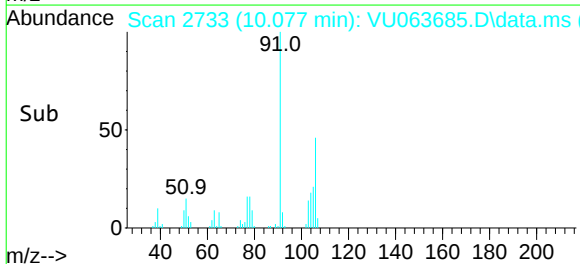
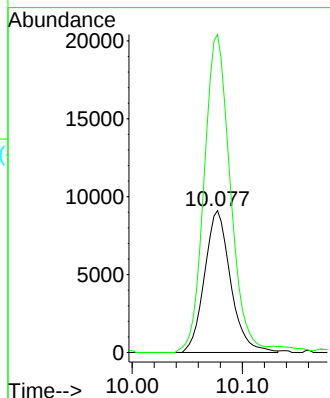
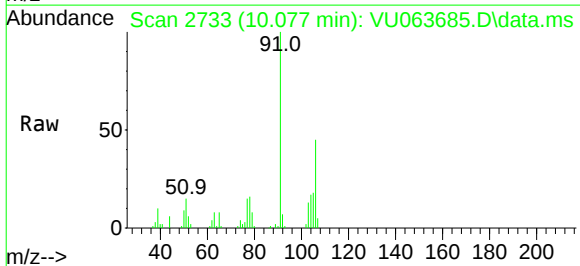
LOQ-WATER-02-QT4-2025

Tgt Ion:106 Resp: 14975

Ion Ratio Lower Upper

106 100

91 224.3 109.3 327.9



#66

Styrene

Concen: 0.437 ug/l

RT: 10.097 min Scan# 2739

Delta R.T. 0.006 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

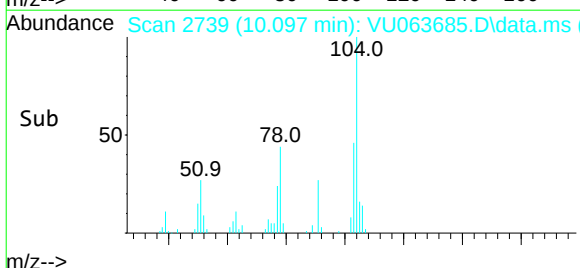
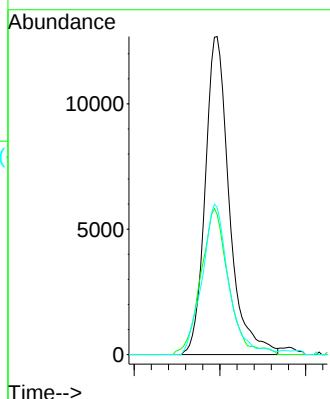
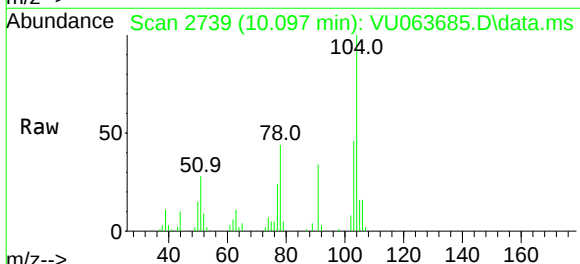
Tgt Ion:104 Resp: 24790

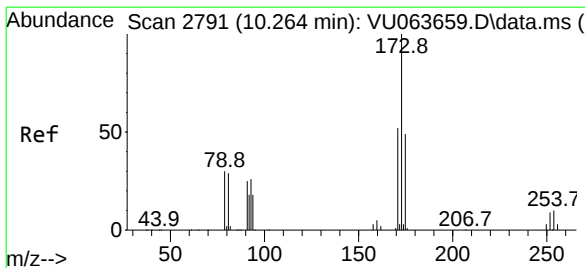
Ion Ratio Lower Upper

104 100

78 52.7 42.8 64.2

103 51.1 43.9 65.9





#67

Bromoform

Concen: 0.340 ug/l

RT: 10.267 min Scan# 27

Delta R.T. 0.003 min

Lab File: VU063685.D

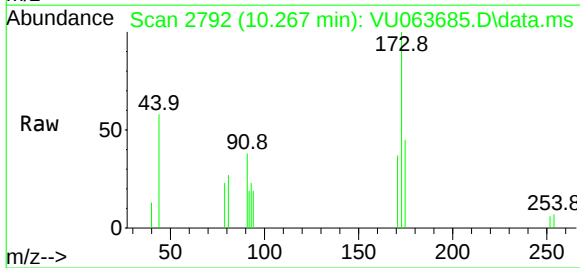
Acq: 07 Nov 2025 14:28

Instrument :

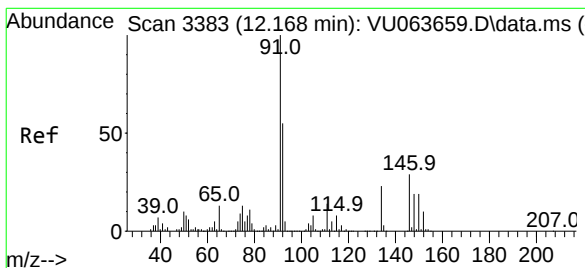
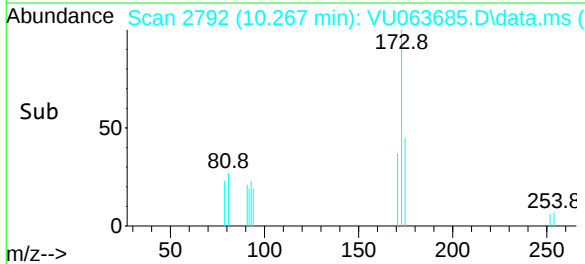
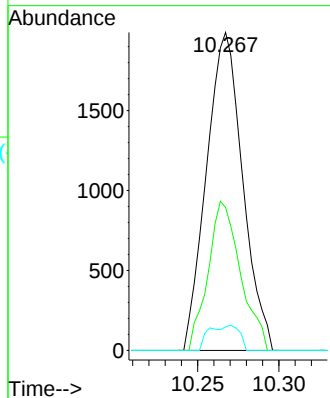
MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025



Tgt Ion:	173	Resp:	3074
Ion Ratio	Lower	Upper	
173	100		
175	42.1	39.0	58.4
254	6.7	7.4	11.0



#68

1,2-Dichlorobenzene-d4

Concen: 0.922 ug/l

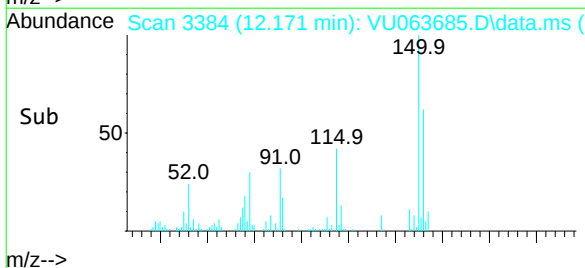
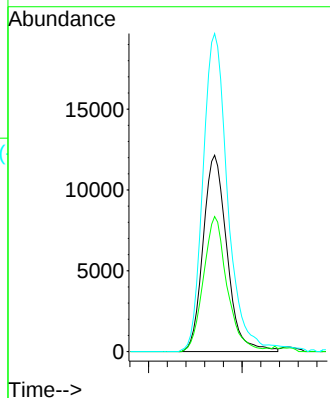
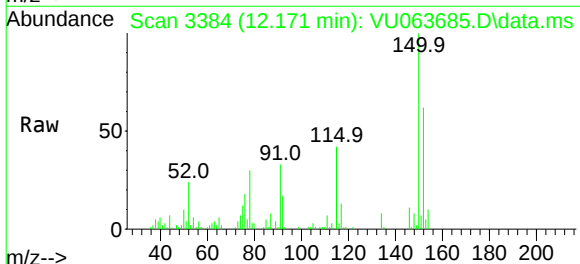
RT: 12.171 min Scan# 3384

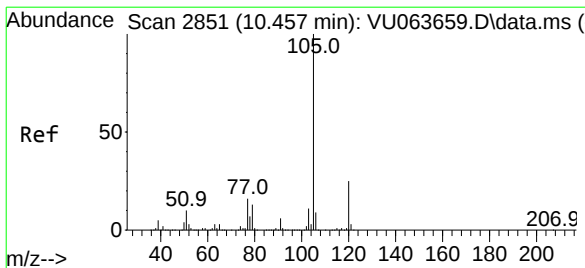
Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Tgt Ion:	152	Resp:	21489
Ion Ratio	Lower	Upper	
152	100		
115	68.3	0.0	247.2
150	169.9	0.0	643.6





#69

Isopropylbenzene

Concen: 0.448 ug/l

RT: 10.460 min Scan# 28

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

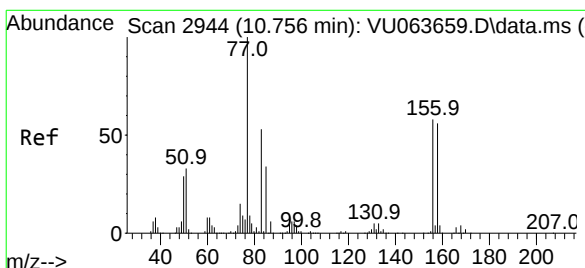
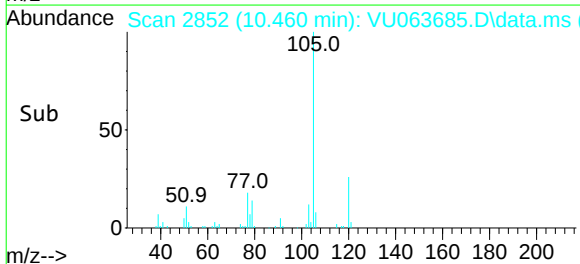
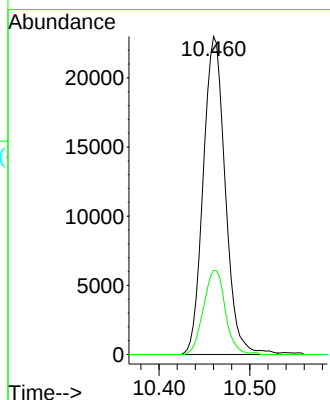
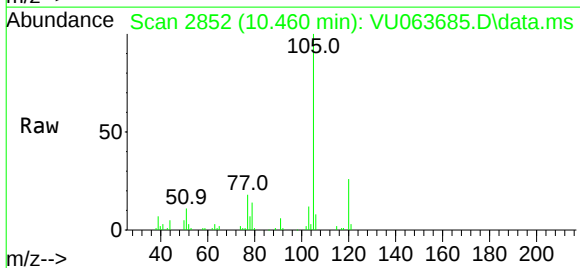
LOQ-WATER-02-QT4-2025

Tgt Ion:105 Resp: 38745

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.443 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

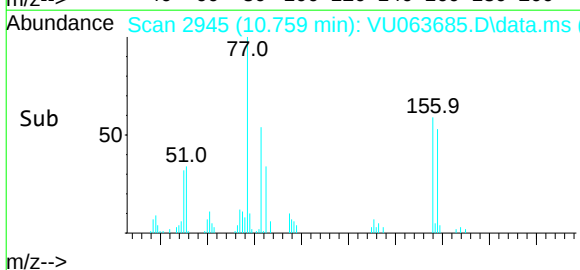
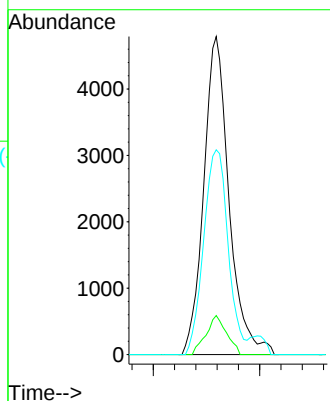
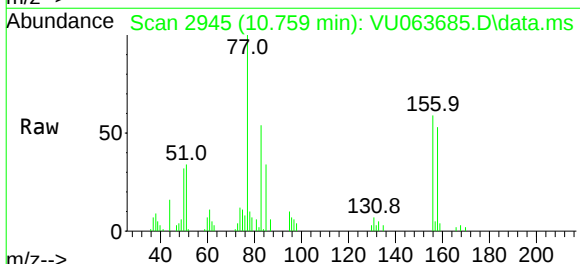
Tgt Ion: 83 Resp: 7905

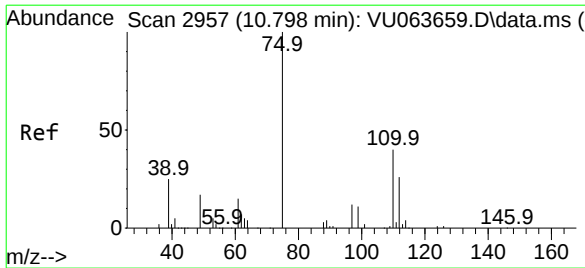
Ion Ratio Lower Upper

83 100

131 10.0 8.1 12.1

85 62.4 51.0 76.6





#71

1,2,3-Trichloropropane

Concen: 0.506 ug/l

RT: 10.794 min Scan# 29

Delta R.T. -0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 75 Resp: 7861

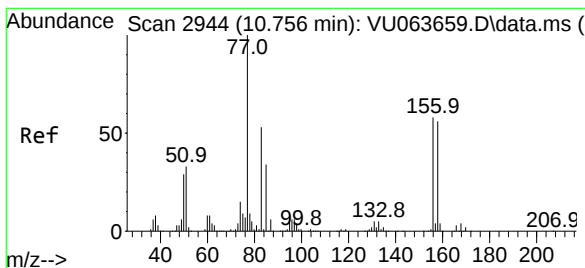
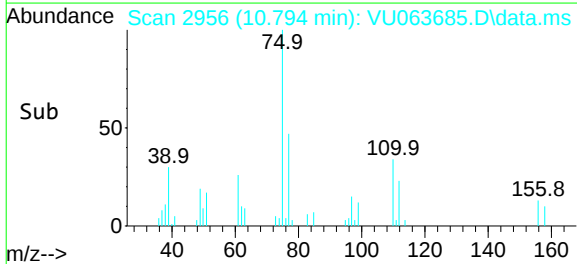
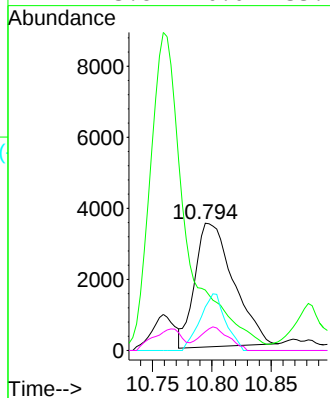
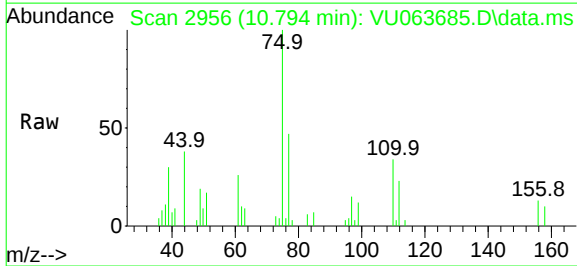
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 30.1 0.0 66.4

97 13.8 0.0 33.2



#72

Bromobenzene

Concen: 0.466 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

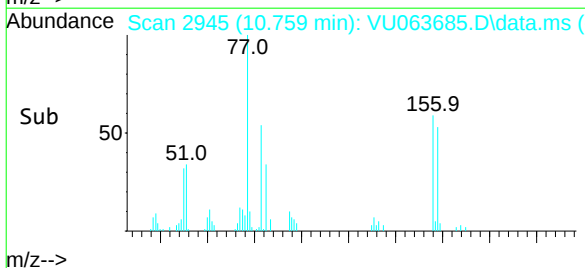
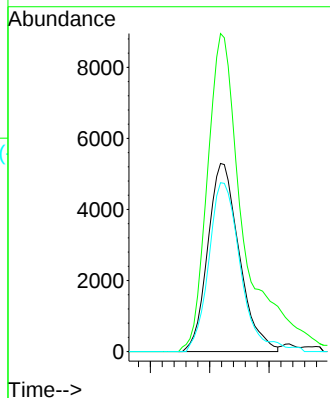
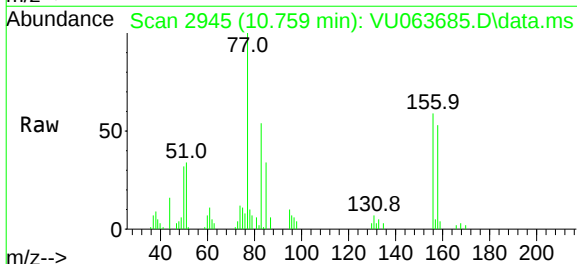
Tgt Ion: 156 Resp: 9745

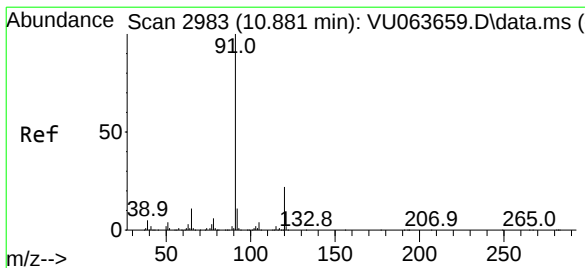
Ion Ratio Lower Upper

156 100

77 195.2 0.0 337.2

158 90.9 0.0 191.8





#73

n-propylbenzene

Concen: 0.457 ug/l

RT: 10.885 min Scan# 29

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

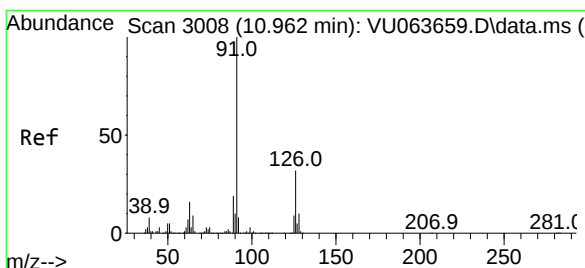
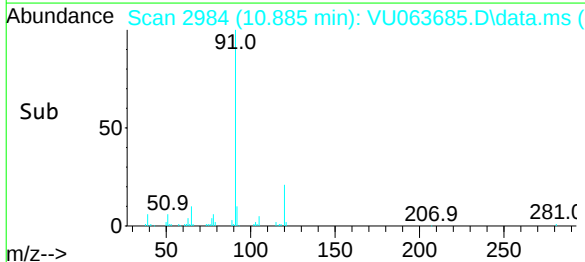
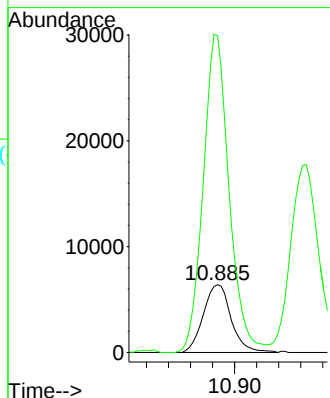
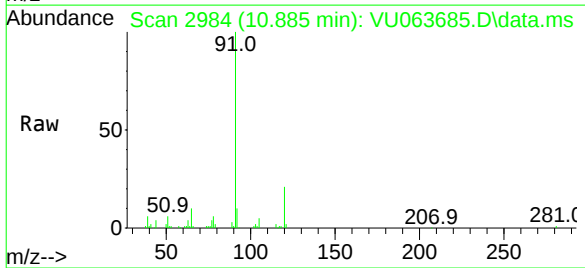
LOQ-WATER-02-QT4-2025

Tgt Ion:120 Resp: 11225

Ion Ratio Lower Upper

120 100

91 436.9 361.4 542.2



#74

2-Chlorotoluene

Concen: 0.455 ug/l

RT: 10.965 min Scan# 3009

Delta R.T. 0.003 min

Lab File: VU063685.D

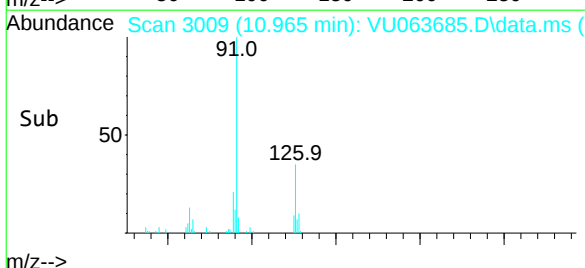
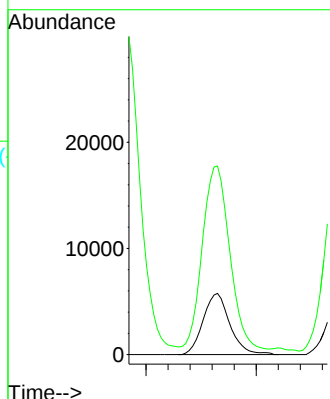
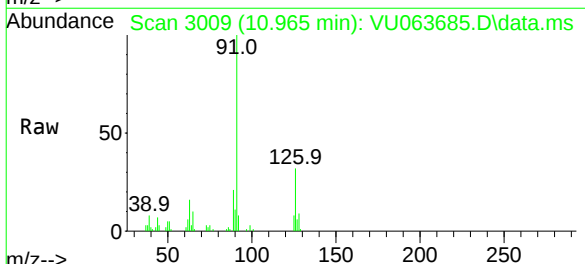
Acq: 07 Nov 2025 14:28

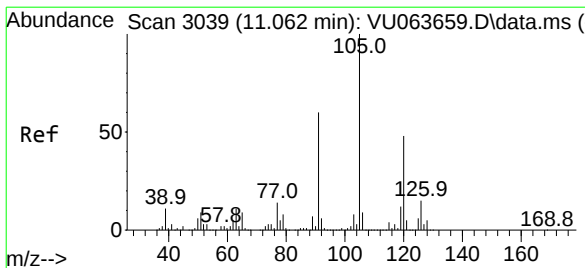
Tgt Ion:126 Resp: 9682

Ion Ratio Lower Upper

126 100

91 310.9 0.0 634.8





#75

1,3,5-Trimethylbenzene

Concen: 0.431 ug/l

RT: 11.065 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

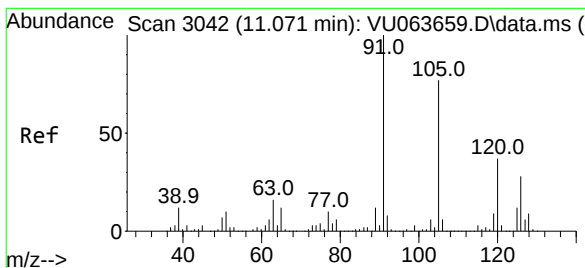
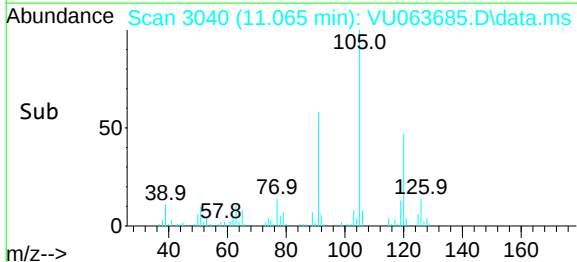
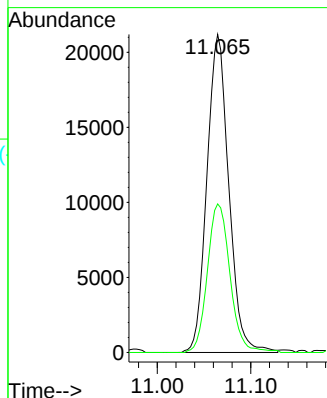
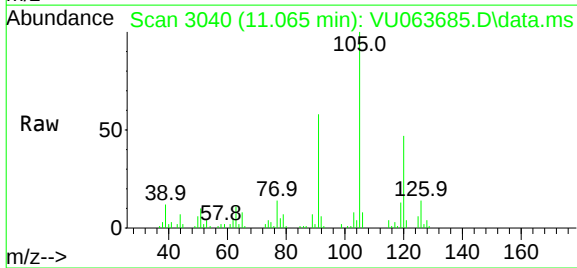
LOQ-WATER-02-QT4-2025

Tgt Ion:105 Resp: 34415

Ion Ratio Lower Upper

105 100

120 48.4 38.2 57.2



#76

4-Chlorotoluene

Concen: 0.479 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. 0.006 min

Lab File: VU063685.D

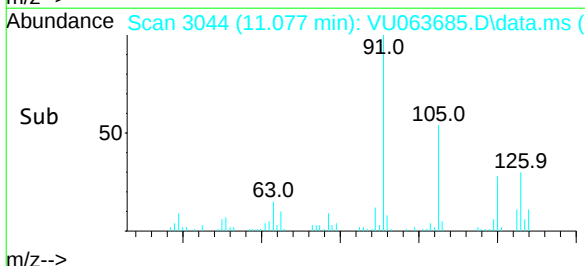
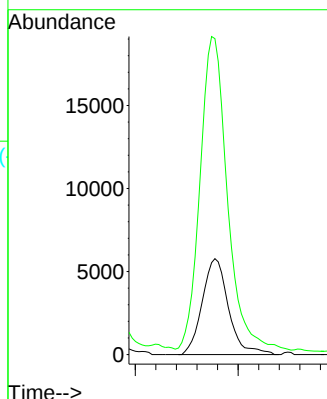
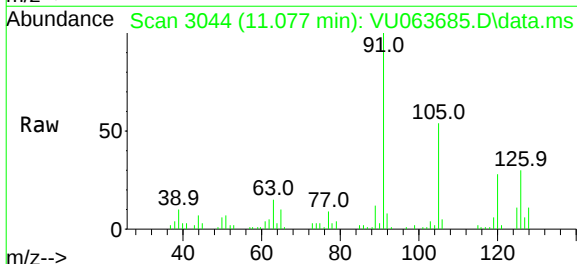
Acq: 07 Nov 2025 14:28

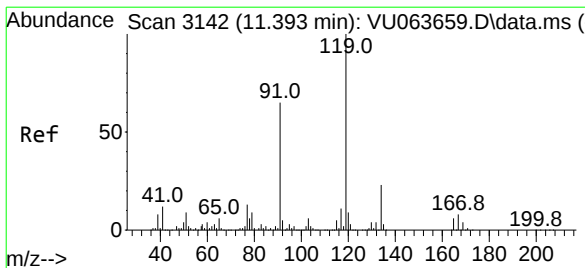
Tgt Ion:126 Resp: 10240

Ion Ratio Lower Upper

126 100

91 339.0 0.0 716.6





#77

tert-Butylbenzene

Concen: 0.441 ug/l

RT: 11.393 min Scan# 3142

Delta R.T. -0.000 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

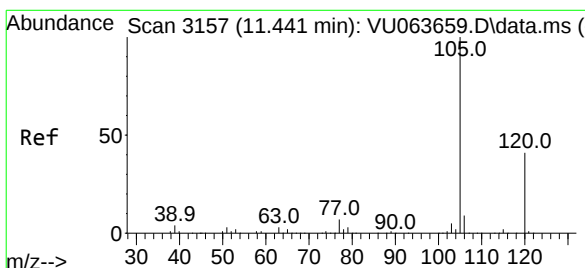
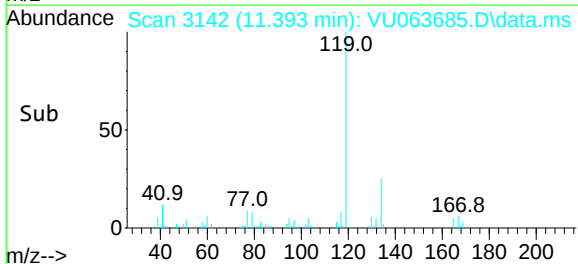
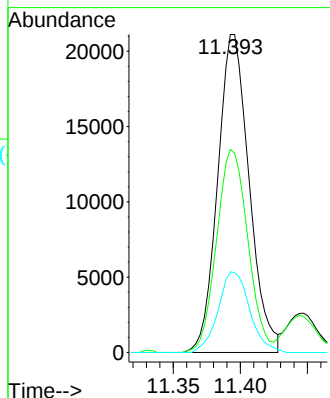
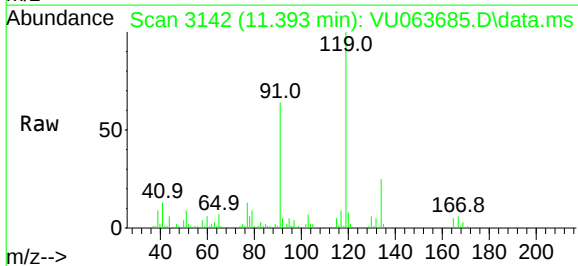
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:	119	Resp:	34493
Ion Ratio	Lower	Upper	
119	100		
91	63.5	31.3	93.8
134	25.3	18.7	28.1



#78

1,2,4-Trimethylbenzene

Concen: 0.463 ug/l

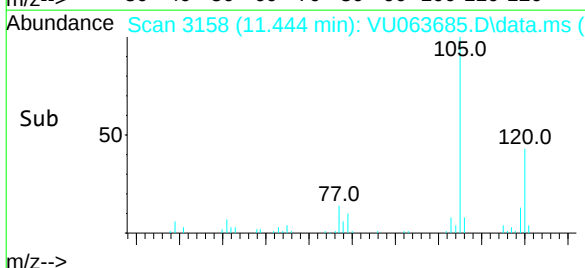
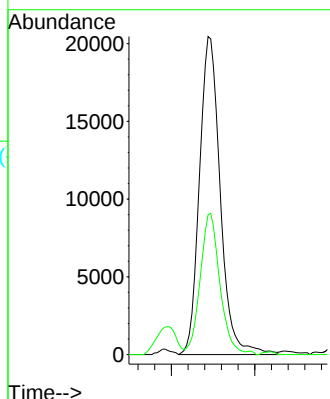
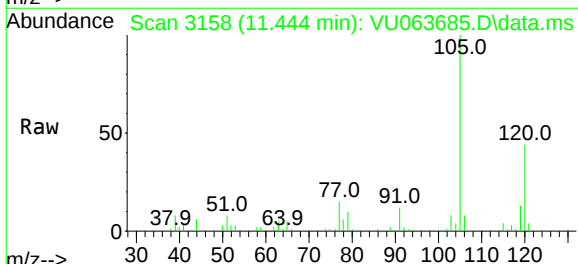
RT: 11.444 min Scan# 3158

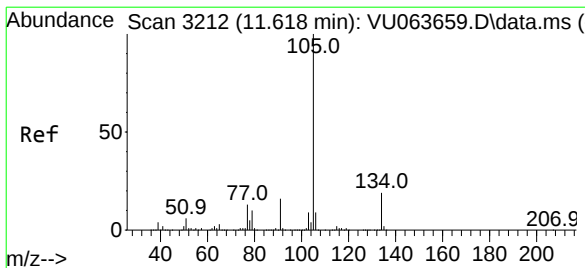
Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Tgt Ion:	105	Resp:	35497
Ion Ratio	Lower	Upper	
105	100		
120	40.2	22.4	67.0





#79

sec-Butylbenzene

Concen: 0.446 ug/l

RT: 11.618 min Scan# 3212

Delta R.T. -0.000 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

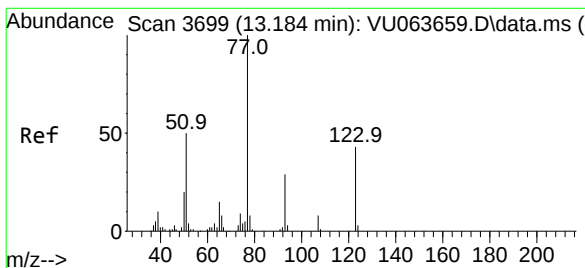
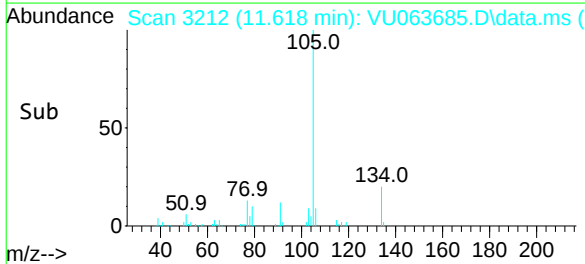
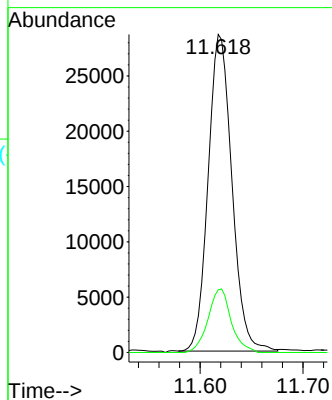
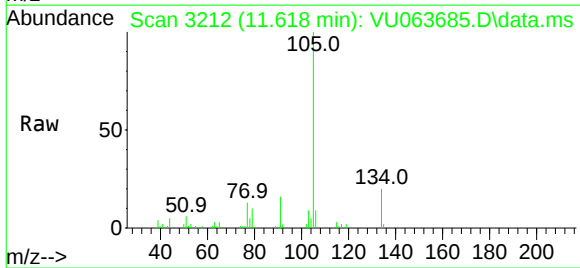
LOQ-WATER-02-QT4-2025

Tgt Ion:105 Resp: 45974

Ion Ratio Lower Upper

105 100

134 19.5 15.7 23.5



#80

Nitrobenzene

Concen: 0.454 ug/l

RT: 13.187 min Scan# 3700

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

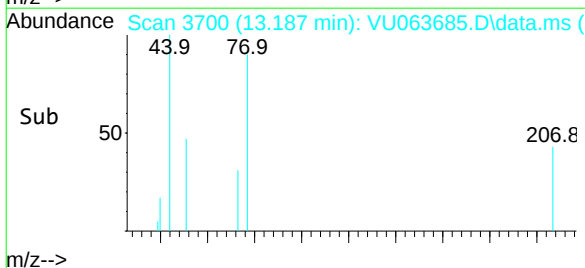
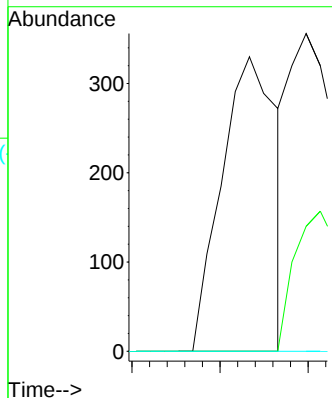
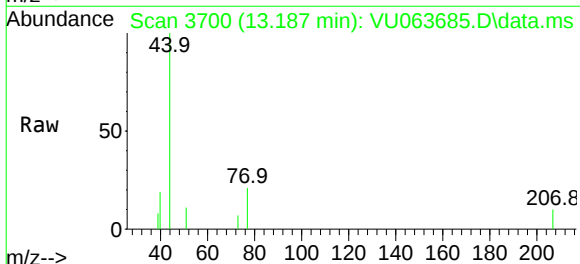
Tgt Ion: 77 Resp: 285

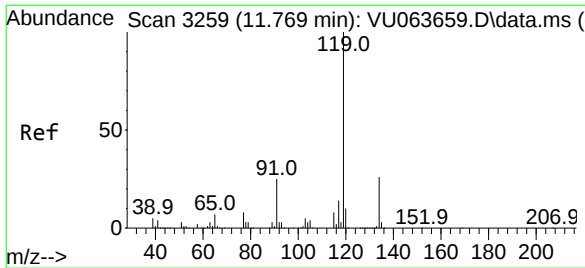
Ion Ratio Lower Upper

77 100

123 35.8 18.2 64.4

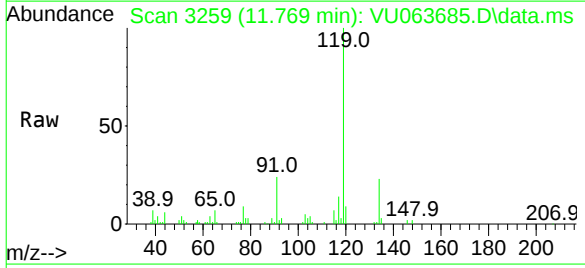
65 0.0 13.6 17.2#



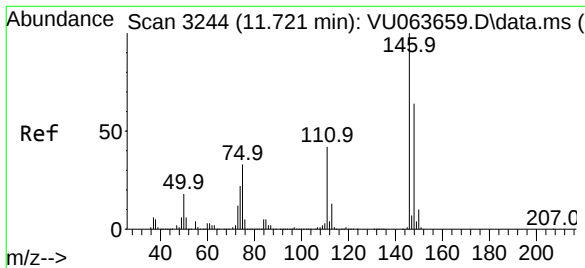
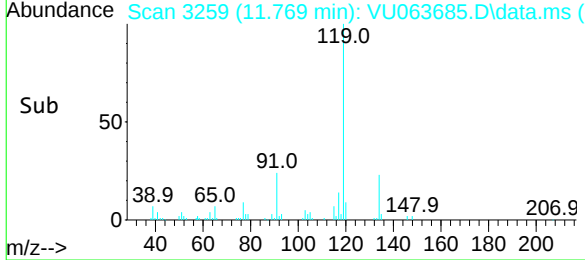
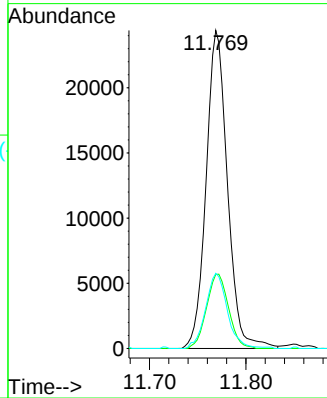


#81
p-Isopropyltoluene
Concen: 0.445 ug/l
RT: 11.769 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

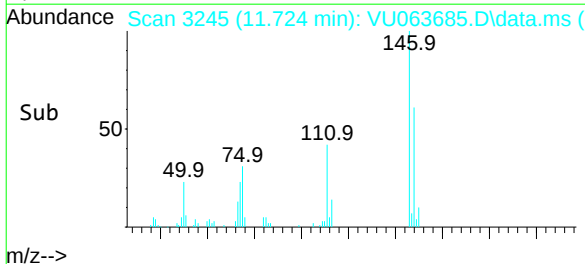
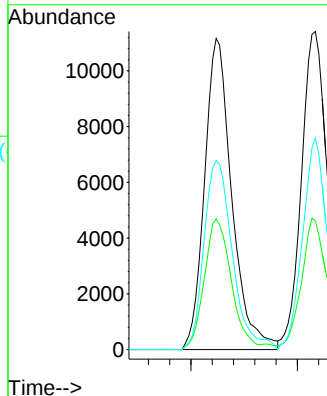
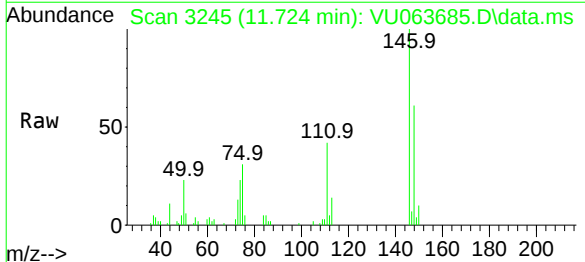


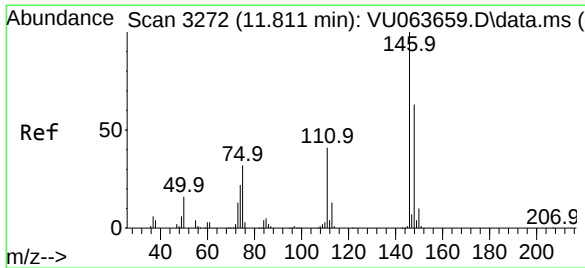
Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.0	20.3	30.5
91	24.2	20.1	30.1



#82
1,3-Dichlorobenzene
Concen: 0.491 ug/l
RT: 11.724 min Scan# 3245
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	33.8	50.8
148	63.2	50.8	76.2





#83

1,4-Dichlorobenzene

Concen: 0.518 ug/l

RT: 11.817 min Scan# 3272

Delta R.T. 0.006 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

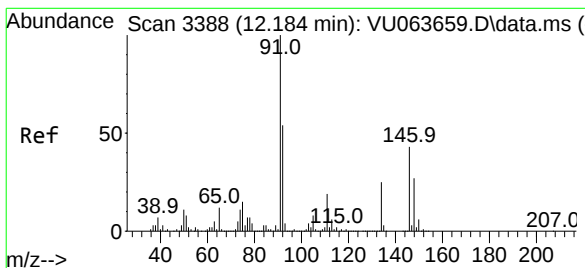
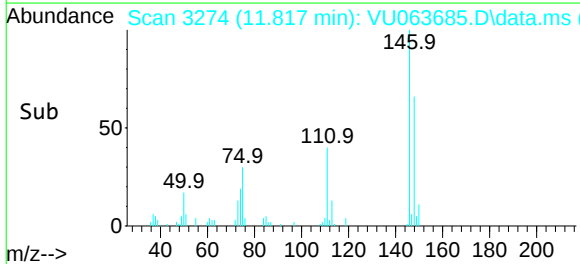
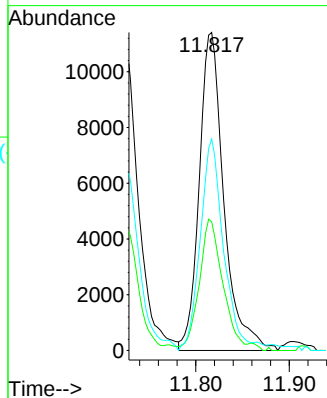
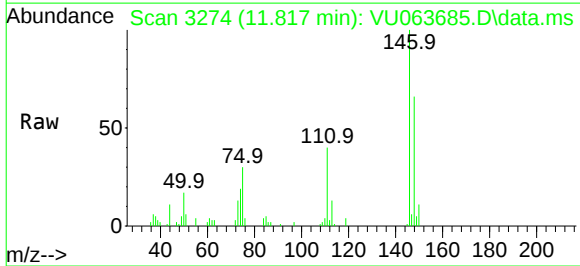
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:	146	Resp:	20843
Ion	Ratio	Lower	Upper
146	100		
111	36.5	33.0	49.4
148	63.2	50.6	76.0



#84

n-Butylbenzene

Concen: 0.478 ug/l

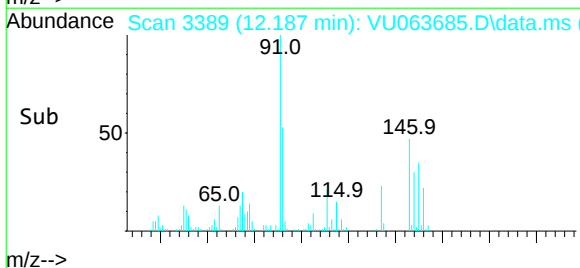
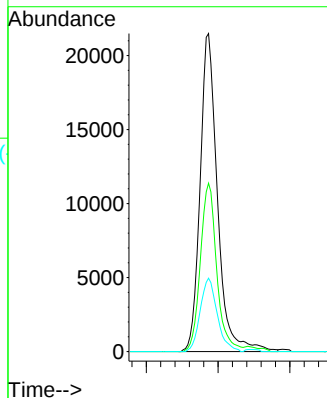
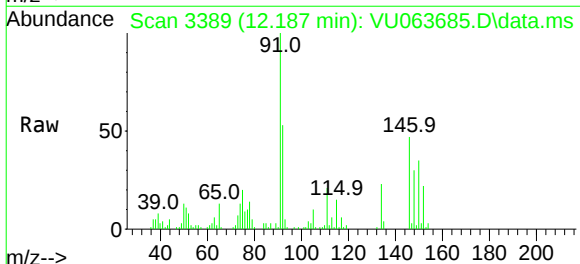
RT: 12.187 min Scan# 3389

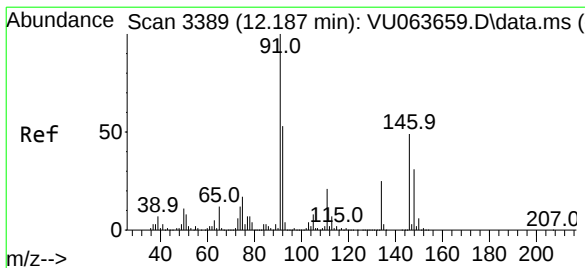
Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Tgt Ion:	91	Resp:	36115
Ion	Ratio	Lower	Upper
91	100		
92	49.9	43.1	64.7
134	22.6	19.7	29.5





#85

1,2-Dichlorobenzene

Concen: 0.479 ug/l

RT: 12.190 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

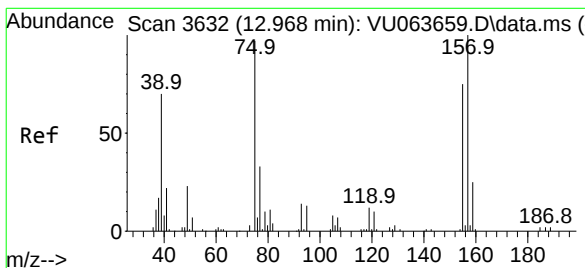
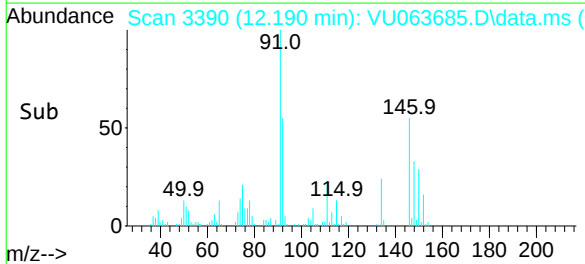
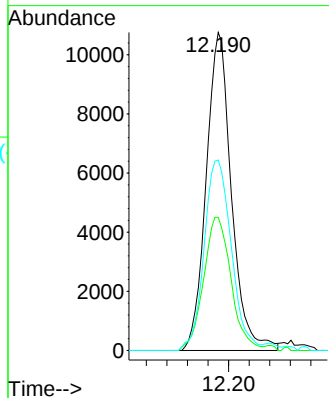
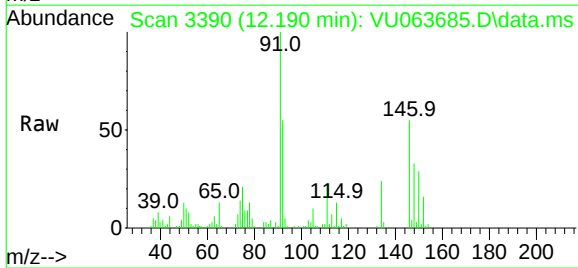
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:	146	Resp:	18329
Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.2	66.6
148	64.4	31.9	95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.276 ug/l

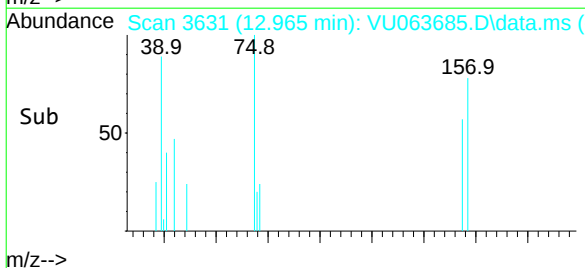
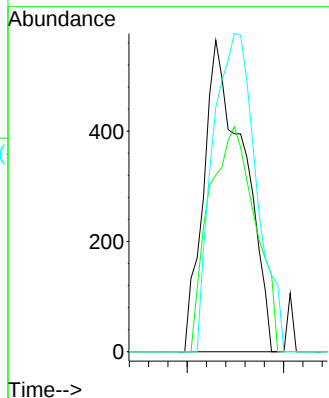
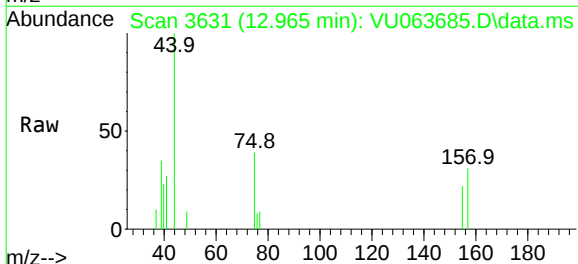
RT: 12.965 min Scan# 3631

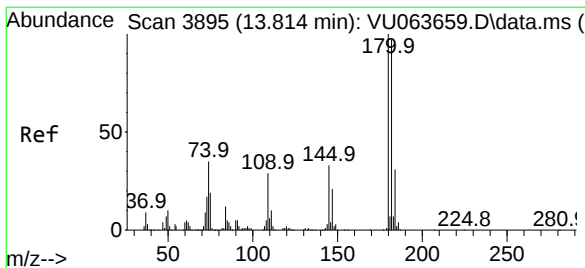
Delta R.T. -0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Tgt Ion:	75	Resp:	816
Ion	Ratio	Lower	Upper
75	100		
155	83.6	62.2	93.4
157	110.4	81.3	121.9





#87

1,2,4-Trichlorobenzene

Concen: 0.524 ug/l

RT: 13.820 min Scan# 3895

Delta R.T. 0.006 min

Lab File: VU063685.D

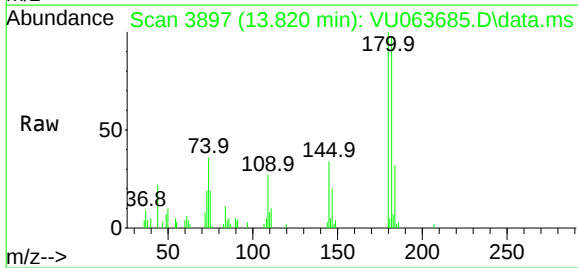
Acq: 07 Nov 2025 14:28

Instrument :

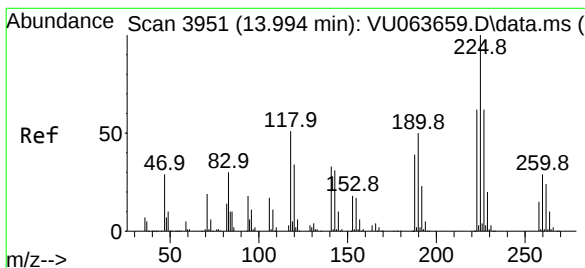
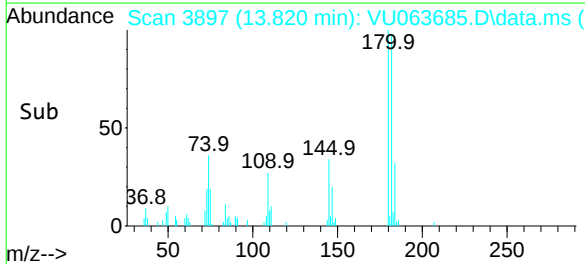
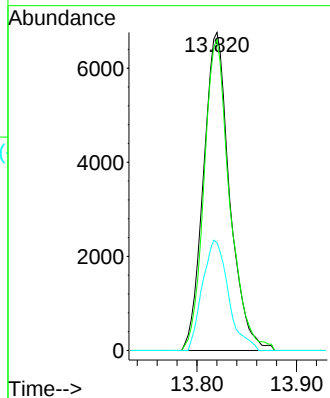
MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025



Tgt Ion:	180	Resp:	12355
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.4	114.6
145	34.3	26.2	39.2



#88

Hexachlorobutadiene

Concen: 0.501 ug/l

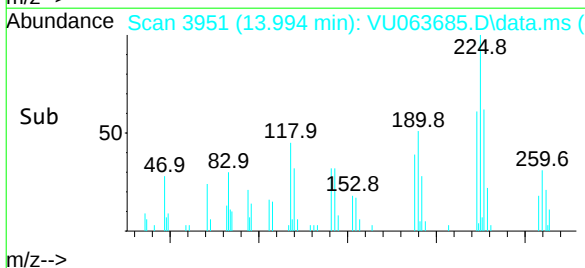
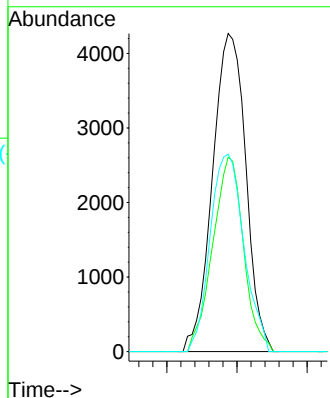
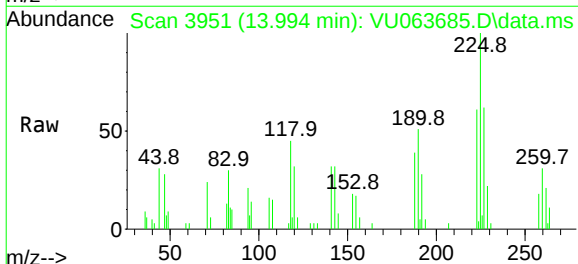
RT: 13.994 min Scan# 3951

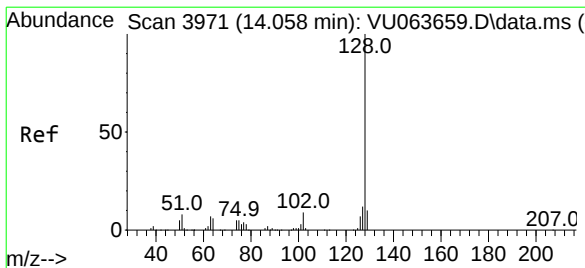
Delta R.T. -0.000 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Tgt Ion:	225	Resp:	7029
Ion Ratio	Lower	Upper	
225	100		
223	56.6	50.2	75.4
227	62.9	50.0	75.0





#89

Naphthalene

Concen: 0.553 ug/l

RT: 14.068 min Scan# 39

Delta R.T. 0.009 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

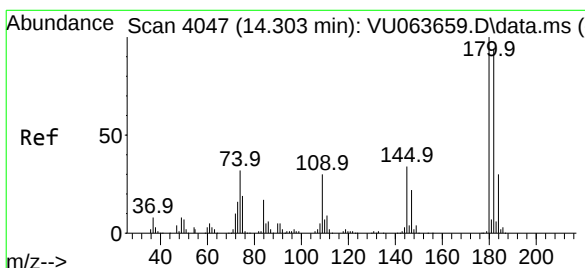
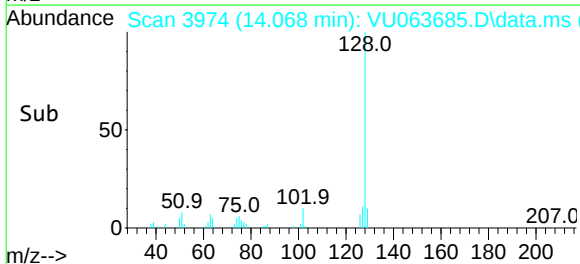
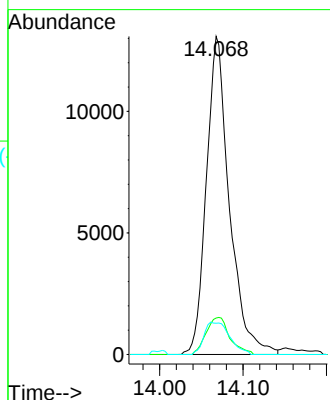
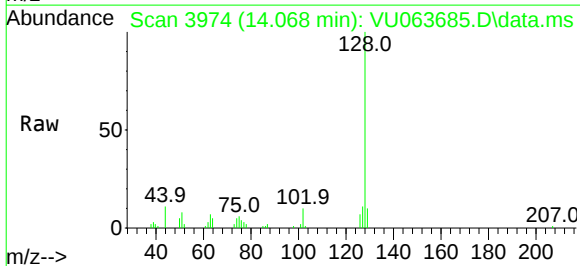
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:	128	Resp:	25118
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.2
129	11.3	8.6	12.8



#90

1,2,3-Trichlorobenzene

Concen: 0.542 ug/l

RT: 14.306 min Scan# 4048

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Tgt Ion:	180	Resp:	11697
Ion	Ratio	Lower	Upper
180	100		
182	99.9	75.4	113.0
145	32.8	27.4	41.2

