

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
 Data File : VU063686.D
 Acq On : 07 Nov 2025 14:58
 Operator : MD/SY
 Sample : Q3530-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Nov 08 02:35:45 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	6.081	96	54276	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	23018	0.937	ug/l	0.00
Spiked Amount	1.000		Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	21659	0.984	ug/l	0.00
Spiked Amount	1.000		Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	18178	0.890	ug/l	97
3) Chloromethane	1.509	50	18090	0.942	ug/l	99
4) Vinyl Chloride	1.589	62	18691	0.957	ug/l	94
5) Bromomethane	1.840	94	13213	1.119	ug/l	99
6) Chloroethane	1.917	64	12636	1.054	ug/l	99
7) Trichlorofluoromethane	2.120	101	27890	0.982	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	15035	0.995	ug/l	98
9) 1,1-Dichloroethene	2.557	96	14610	0.998	ug/l	96
10) Iodomethane	2.695	142	15263	0.702	ug/l	98
11) Allyl Chloride	2.898	41	21677	0.949	ug/l	93
12) Acrylonitrile	3.290	53	6438	1.778	ug/l	89
13) Acetone	2.605	43	25561	3.998	ug/l	92
14) Carbon Disulfide	2.766	76	33258	0.807	ug/l	96
15) Methylene Chloride	3.017	84	19971	1.062	ug/l	98
16) trans-1,2-Dichloroethene	3.319	96	16701	1.035	ug/l	98
17) 1,1-Dichloroethane	3.830	63	31704	0.992	ug/l	99
18) 2-Butanone	4.695	43	27531	4.059	ug/l	92
19) Cyclohexane	5.341	56	24152	0.989	ug/l	98
20) Methylcyclohexane	6.724	83	28036	0.922	ug/l	98
21) 2,2-Dichloropropane	4.624	77	24974	0.871	ug/l	92
22) cis-1,2-Dichloroethene	4.631	96	19403	1.056	ug/l	98
23) Diethyl Ether	2.361	59	12573	1.049	ug/l	95
24) tert-Butyl Alcohol	3.177	59	18274	8.841	ug/l	98
25) Methyl tert-Butyl Ether	3.345	73	42424	0.989	ug/l	95
26) Bromochloromethane	4.939	128	8042	1.038	ug/l	93
27) Chloroform	5.052	83	33527	1.025	ug/l	96
28) 1,1,1-Trichloroethane	5.277	97	28197	0.978	ug/l	99
29) 1,1-Dichloropropene	5.486	75	23747	0.981	ug/l	96
30) Carbon Tetrachloride	5.480	117	20894	0.915	ug/l	97
31) Isopropyl Ether	3.972	45	51414	1.015	ug/l	99
32) Ethyl-t-butyl ether	4.483	59	48445	0.993	ug/l	98
33) Tert-Amyl methyl ether	5.926	73	42464	1.000	ug/l	96
34) Propionitrile	4.759	54	6490	4.897	ug/l	# 85
35) Benzene	5.737	78	72416	1.061	ug/l	99
36) 1,2-Dichloroethane	5.766	62	22427	1.023	ug/l	98
37) Trichloroethene	6.512	130	20315	1.044	ug/l	89
38) 1,2-Dichloropropane	6.766	63	18359	0.961	ug/l	95
39) Methacrylonitrile	4.949	41	6726	1.020	ug/l	# 84
40) Methyl acrylate	4.827	55	9138	0.954	ug/l	# 68
41) Tetrahydrofuran	5.042	42	6214	2.093	ug/l	96
42) 1-Chlorobutane	5.422	56	31690	0.977	ug/l	95
43) Dibromomethane	6.894	93	9550	0.967	ug/l	98
44) Bromodichloromethane	7.081	83	19898	0.824	ug/l	96

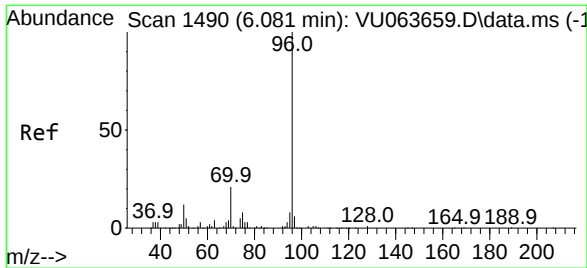
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
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Quant Time: Nov 08 02:35:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	51147	4.293	ug/l	99
46) t-1,4-Dichloro-2-butene	10.801	75	16092	3.894	ug/l #	49
47) Methyl methacrylate	6.949	69	16941	1.863	ug/l	96
48) Ethyl methacrylate	8.322	69	15576	0.842	ug/l	94
49) Toluene	7.942	92	43390	0.943	ug/l	100
50) t-1,3-Dichloropropene	8.190	75	15027	0.716	ug/l	91
51) cis-1,3-Dichloropropene	7.586	75	21016	0.800	ug/l	95
52) 1,1,2-Trichloroethane	8.377	97	13096	0.975	ug/l	94
53) 1,3-Dichloropropane	8.553	76	22675	0.945	ug/l	94
54) 2-Hexanone	8.679	43	37532	3.731	ug/l	99
55) Dibromochloromethane	8.785	129	12018	0.760	ug/l	98
56) 1,2-Dibromoethane	8.901	107	11886	0.930	ug/l	100
58) Tetrachloroethene	8.524	164	19376	1.018	ug/l	94
59) Chlorobenzene	9.425	112	48057	0.963	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.508	131	14675	0.840	ug/l	98
61) Pentachloroethane	11.399	117	9607	0.792	ug/l	94
62) Hexachloroethane	12.447	117	8583	0.646	ug/l	100
63) Ethyl Benzene	9.547	91	84289	0.932	ug/l	99
64) m/p-Xylenes	9.669	106	61707	1.828	ug/l	98
65) o-Xylene	10.077	106	31558	0.954	ug/l	97
66) Styrene	10.094	104	49777	0.928	ug/l	99
67) Bromoform	10.267	173	5813	0.681	ug/l	94
69) Isopropylbenzene	10.460	105	76591	0.938	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.759	83	15785	0.936	ug/l	98
71) 1,2,3-Trichloropropane	10.801	75	16092	1.096	ug/l #	93
72) Bromobenzene	10.762	156	18890	0.956	ug/l	84
73) n-propylbenzene	10.884	120	21207	0.914	ug/l	100
74) 2-Chlorotoluene	10.962	126	19070	0.948	ug/l	94
75) 1,3,5-Trimethylbenzene	11.065	105	69250	0.917	ug/l	99
76) 4-Chlorotoluene	11.074	126	19976	0.989	ug/l	87
77) tert-Butylbenzene	11.393	119	67486	0.912	ug/l	96
78) 1,2,4-Trimethylbenzene	11.444	105	65550	0.904	ug/l	98
79) sec-Butylbenzene	11.618	105	90206	0.927	ug/l	100
80) Nitrobenzene	13.196	77	921	1.552	ug/l #	63
81) p-Isopropyltoluene	11.769	119	72097	0.905	ug/l	98
82) 1,3-Dichlorobenzene	11.724	146	37306	0.975	ug/l	98
83) 1,4-Dichlorobenzene	11.814	146	40016	1.053	ug/l	98
84) n-Butylbenzene	12.187	91	64753	0.906	ug/l	99
85) 1,2-Dichlorobenzene	12.190	146	35888	0.992	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.971	75	2045	0.731	ug/l	92
87) 1,2,4-Trichlorobenzene	13.817	180	21291	0.955	ug/l	96
88) Hexachlorobutadiene	13.994	225	13201	0.995	ug/l	96
89) Naphthalene	14.068	128	39583	0.923	ug/l	99
90) 1,2,3-Trichlorobenzene	14.306	180	19679	0.966	ug/l	99

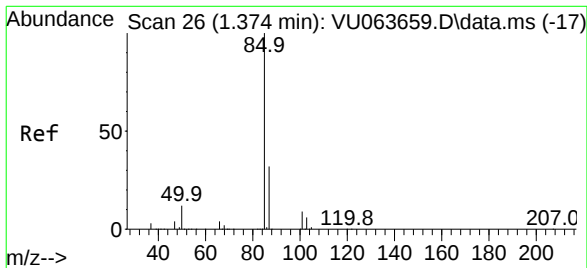
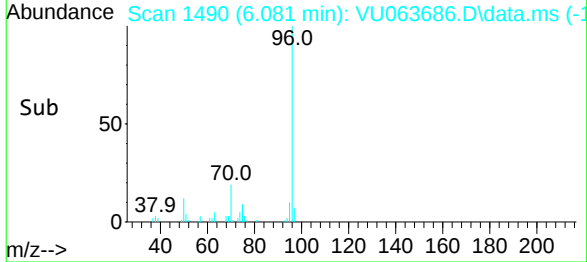
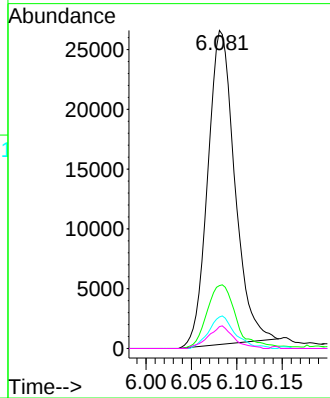
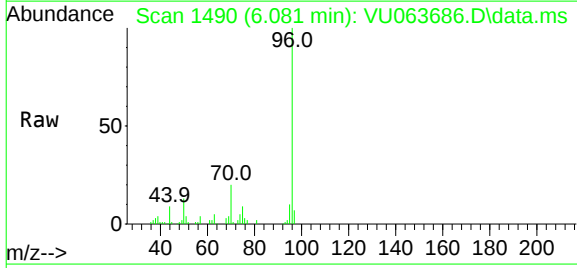
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

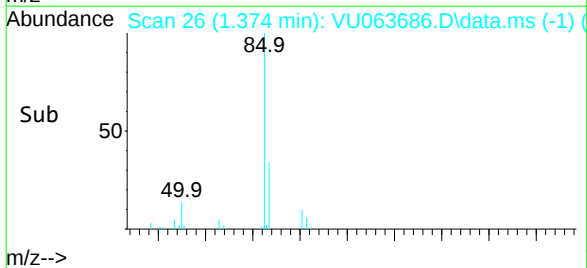
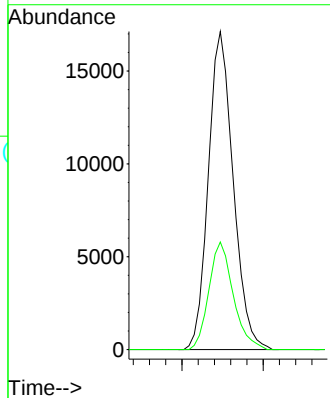
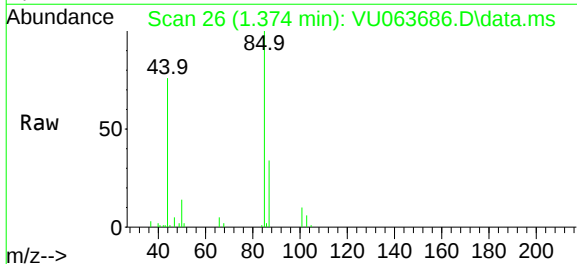
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

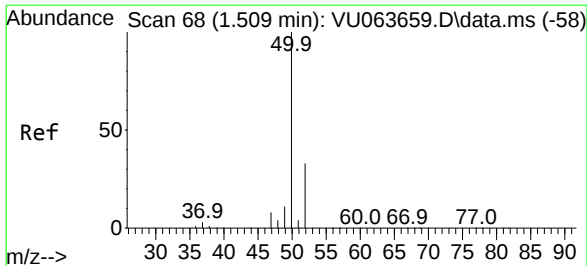
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Ion	Ratio	Lower	Upper
96	100		
70	21.6	15.3	22.9
95	10.2	6.5	9.7#
97	6.8	0.0	0.0#



#2
Dichlorodifluoromethane
Concen: 0.890 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	85	Resp:	18178
Ion	Ratio	Lower	Upper
85	100		
87	33.8	16.0	47.9

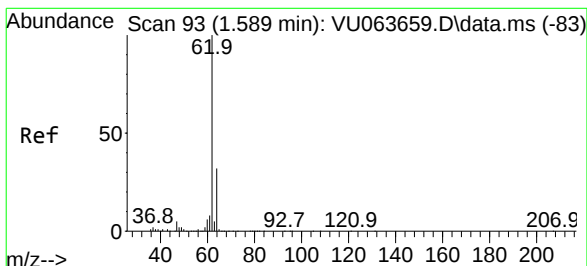
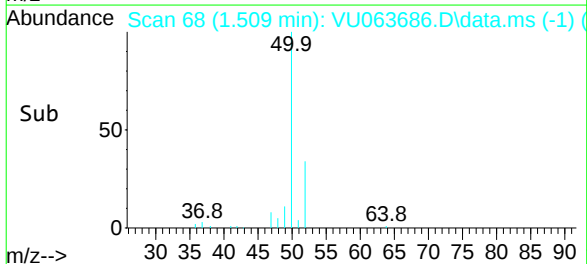
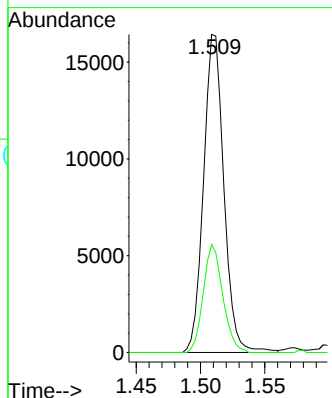
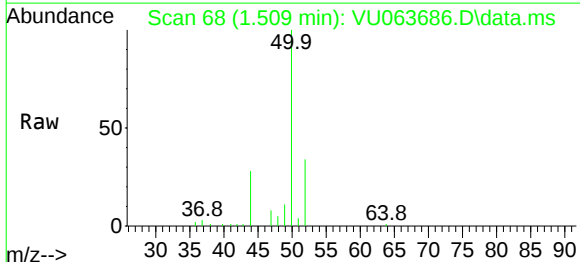




#3
Chloromethane
Concen: 0.942 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

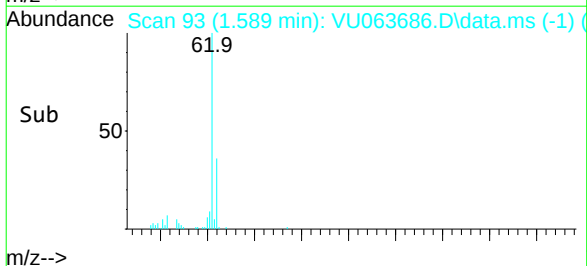
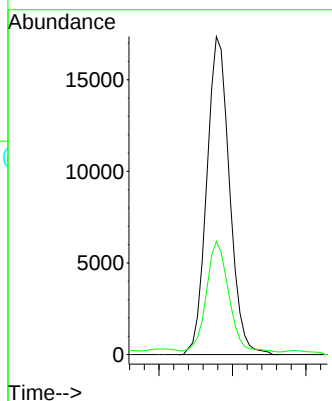
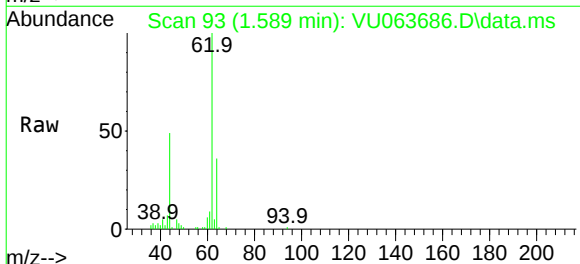
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

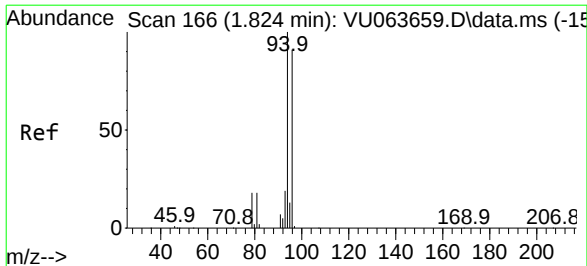
Tgt Ion: 50 Resp: 18090
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0



#4
Vinyl Chloride
Concen: 0.957 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

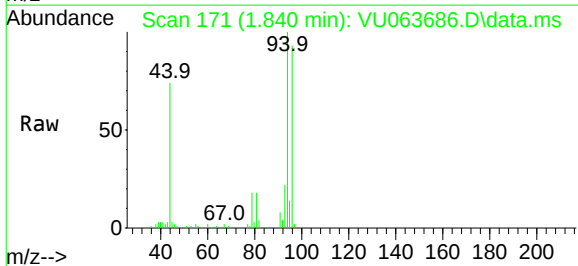
Tgt Ion: 62 Resp: 18691
Ion Ratio Lower Upper
62 100
64 34.8 25.2 37.8



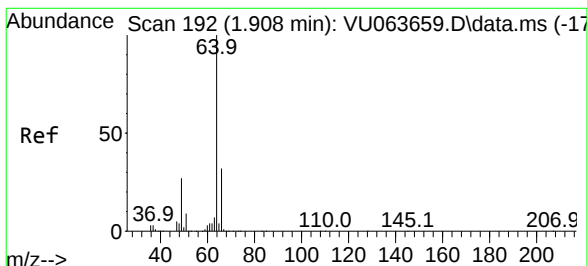
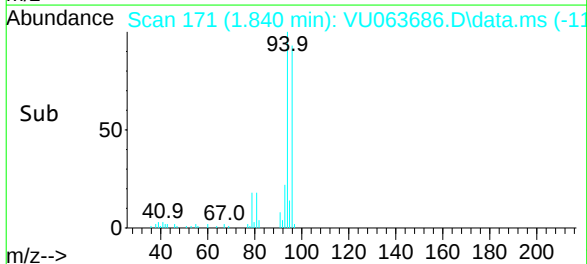
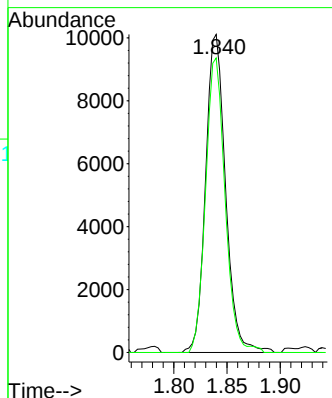


#5
Bromomethane
Concen: 1.119 ug/l
RT: 1.840 min Scan# 171
Delta R.T. 0.016 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

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

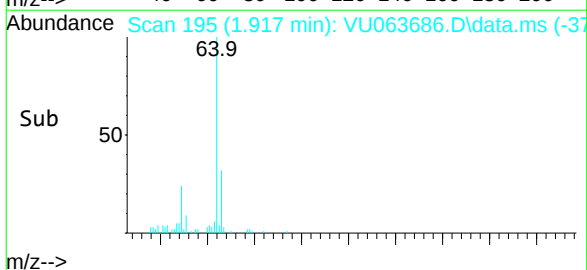
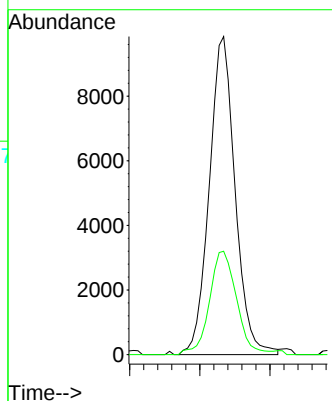
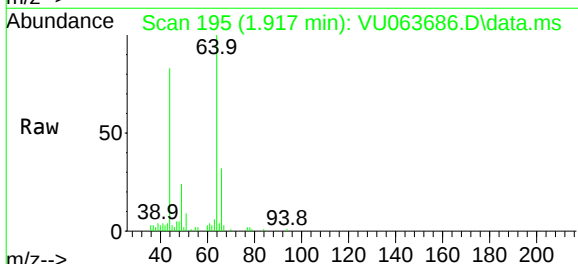


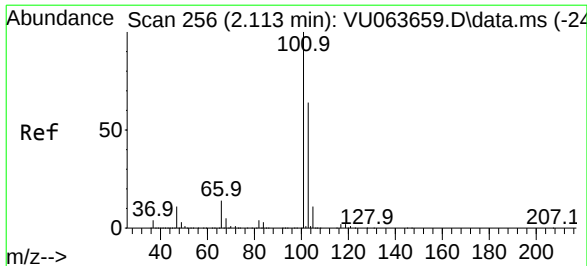
Tgt Ion: 94 Resp: 13213
Ion Ratio Lower Upper
94 100
96 92.6 73.0 109.6



#6
Chloroethane
Concen: 1.054 ug/l
RT: 1.917 min Scan# 195
Delta R.T. 0.009 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 64 Resp: 12636
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





#7

Trichlorofluoromethane

Concen: 0.982 ug/l

RT: 2.120 min Scan# 256

Delta R.T. 0.006 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

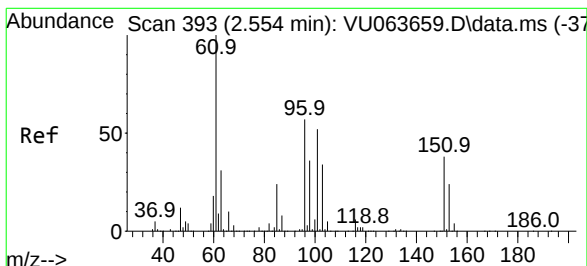
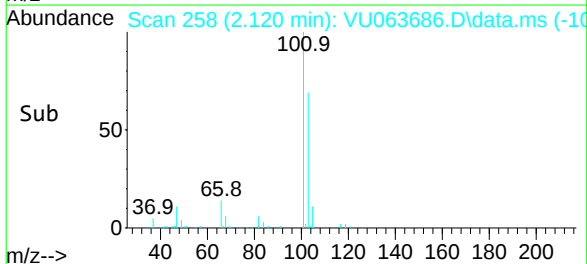
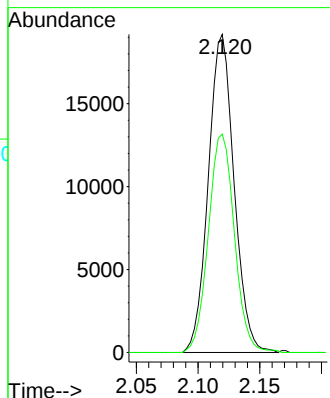
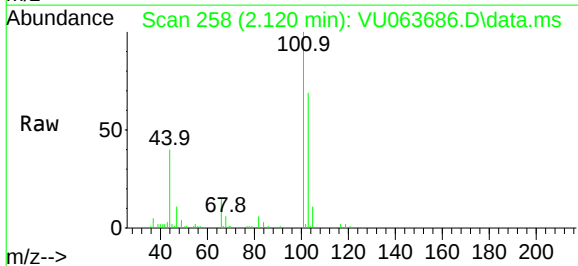
LOQ-WATER-02-QT4-2025

Tgt Ion:101 Resp: 27890

Ion Ratio Lower Upper

101 100

103 68.7 51.0 76.6



#8

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

Concen: 0.995 ug/l

RT: 2.557 min Scan# 394

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

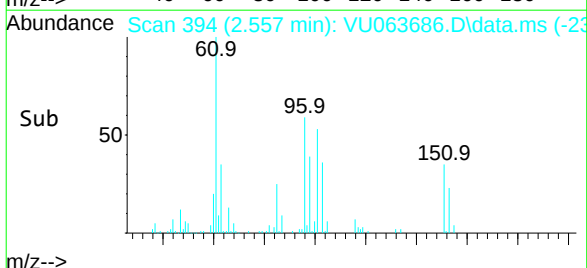
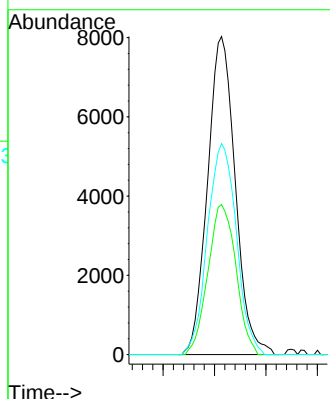
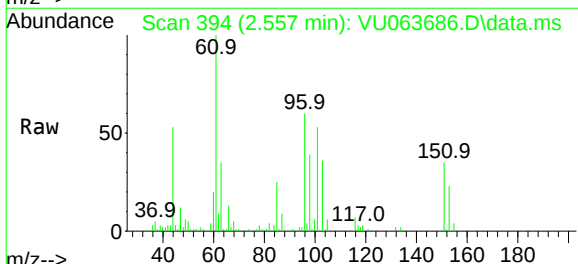
Tgt Ion:101 Resp: 15035

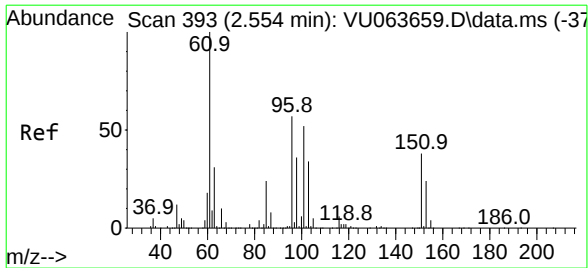
Ion Ratio Lower Upper

101 100

85 47.5 37.0 55.4

151 69.3 57.2 85.8

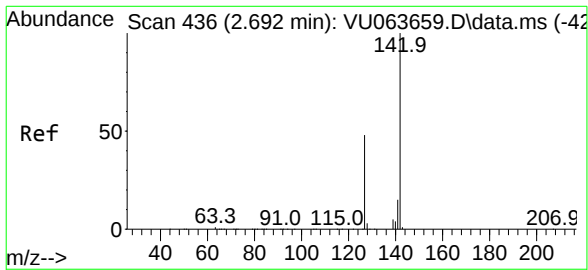
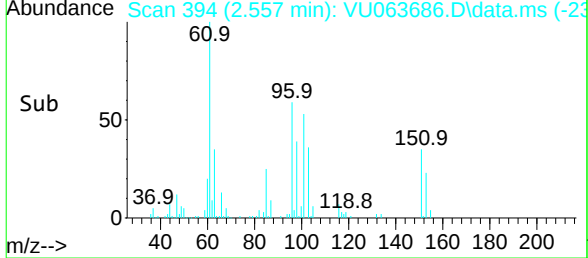
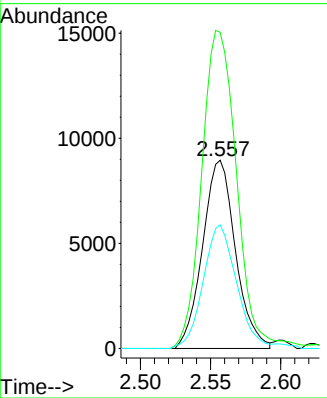
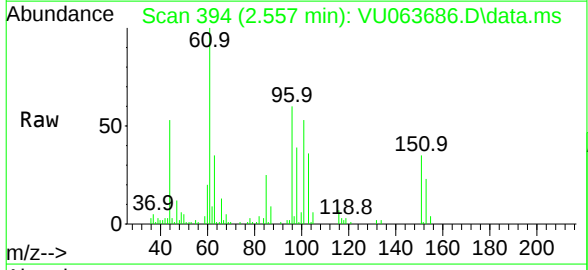




#9
1,1-Dichloroethene
Concen: 0.998 ug/l
RT: 2.557 min Scan# 39
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

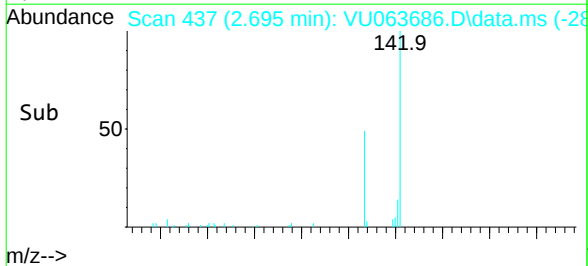
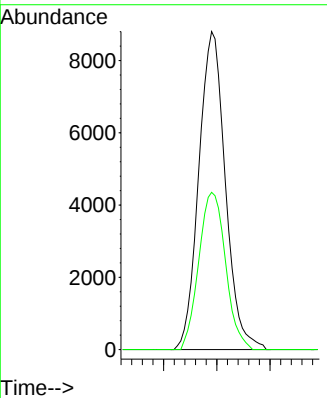
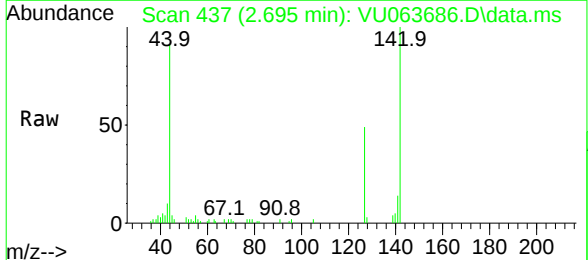
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

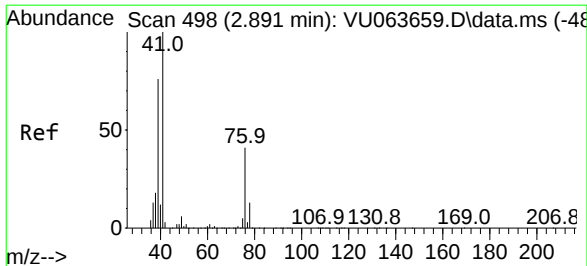
Tgt Ion:	96	Resp:	14610
Ion	Ratio	Lower	Upper
96	100		
61	167.9	0.0	524.7
98	65.7	0.0	126.8



#10
Iodomethane
Concen: 0.702 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	142	Resp:	15263
Ion	Ratio	Lower	Upper
142	100		
127	49.9	38.6	58.0

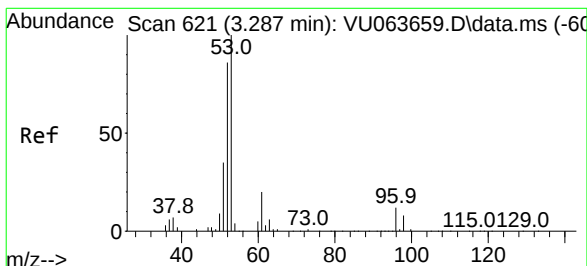
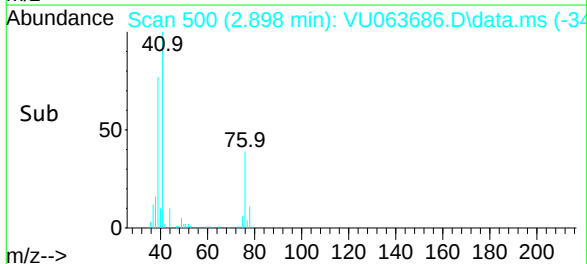
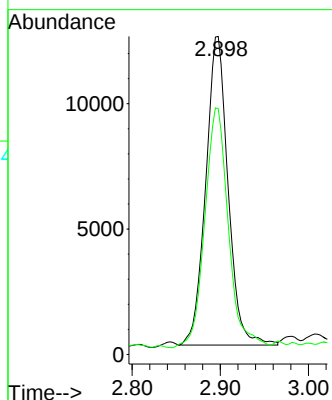
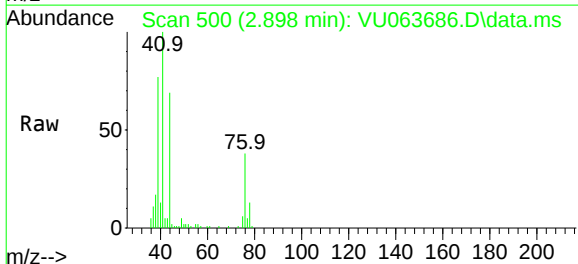




#11
 Allyl Chloride
 Concen: 0.949 ug/l
 RT: 2.898 min Scan# 50
 Delta R.T. 0.006 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

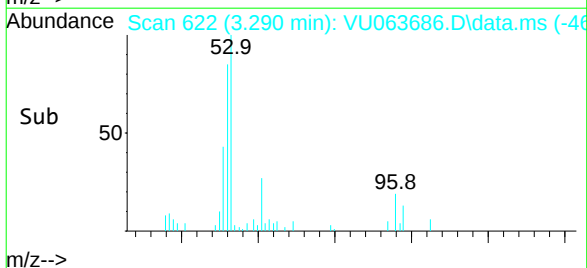
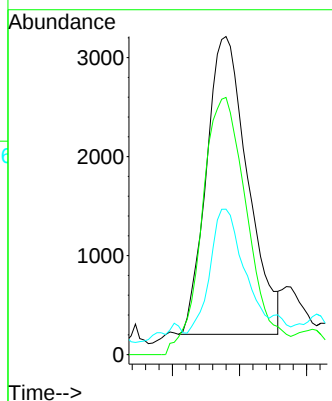
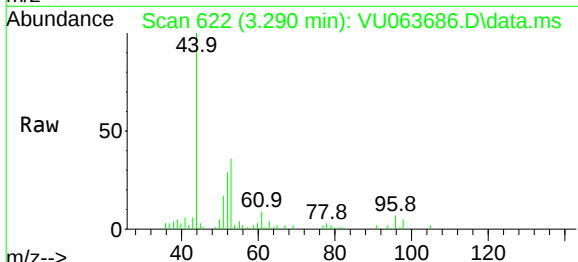
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

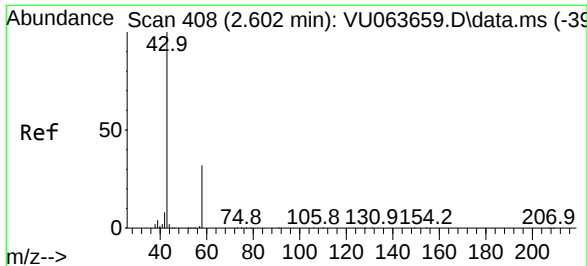
Tgt Ion: 41 Resp: 21677
 Ion Ratio Lower Upper
 41 100
 39 82.2 61.0 91.4



#12
 Acrylonitrile
 Concen: 1.778 ug/l
 RT: 3.290 min Scan# 622
 Delta R.T. 0.003 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

Tgt Ion: 53 Resp: 6438
 Ion Ratio Lower Upper
 53 100
 52 95.2 65.4 98.0
 51 34.2 27.6 41.4





#13

Acetone

Concen: 3.998 ug/l

RT: 2.605 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

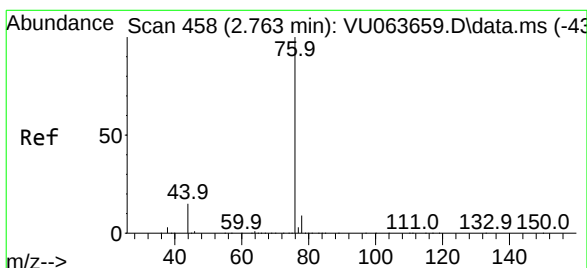
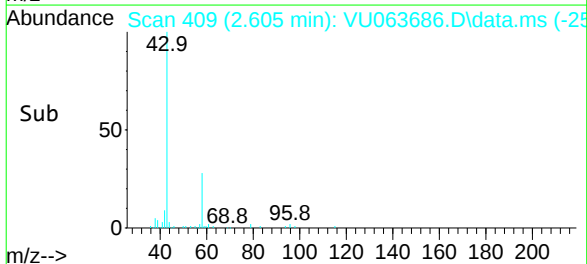
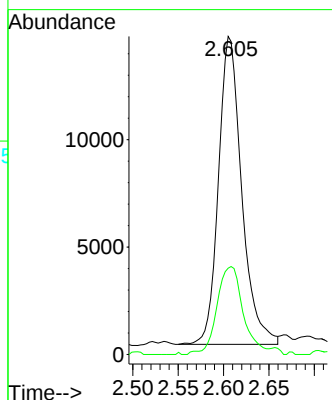
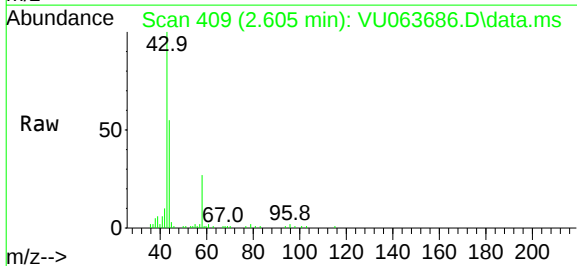
LOQ-WATER-02-QT4-2025

Tgt Ion: 43 Resp: 25561

Ion Ratio Lower Upper

43 100

58 27.3 25.2 37.8



#14

Carbon Disulfide

Concen: 0.807 ug/l

RT: 2.766 min Scan# 459

Delta R.T. 0.003 min

Lab File: VU063686.D

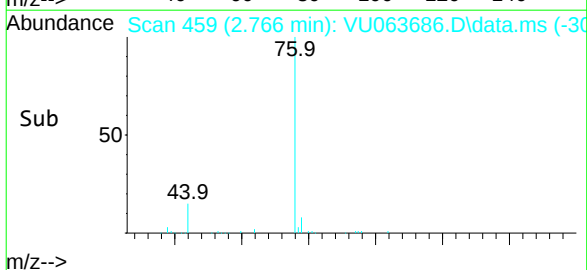
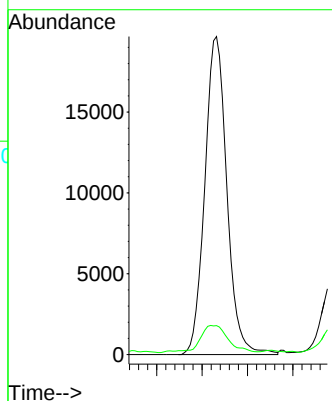
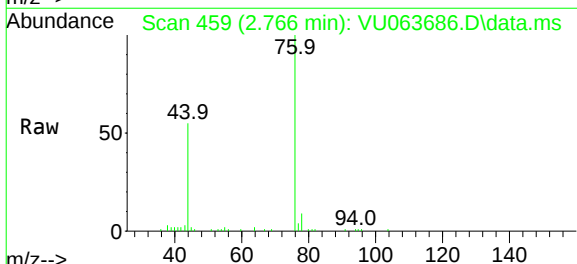
Acq: 07 Nov 2025 14:58

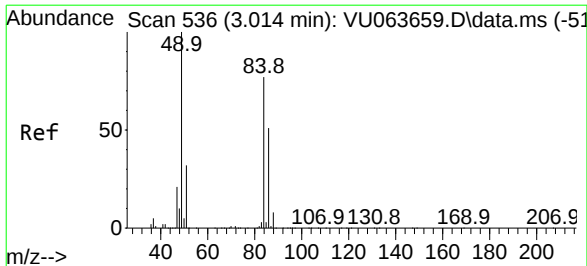
Tgt Ion: 76 Resp: 33258

Ion Ratio Lower Upper

76 100

78 8.0 7.5 11.3





#15

Methylene Chloride

Concen: 1.062 ug/l

RT: 3.017 min Scan# 53

Delta R.T. 0.003 min

Lab File: VU063686.D

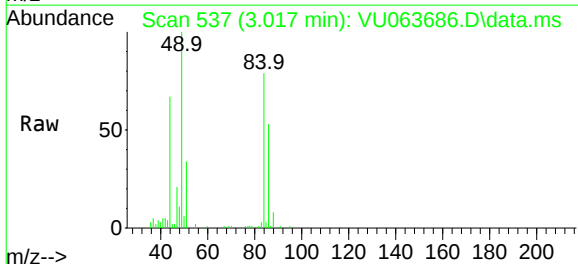
Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025



Tgt Ion: 84 Resp: 19971

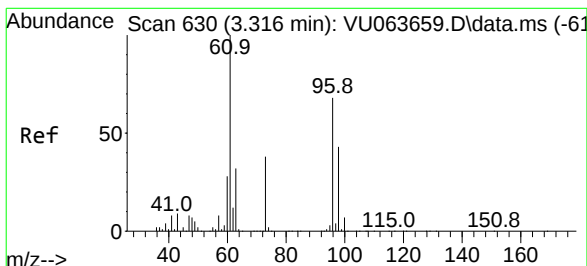
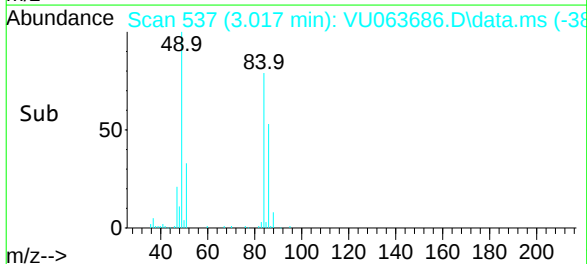
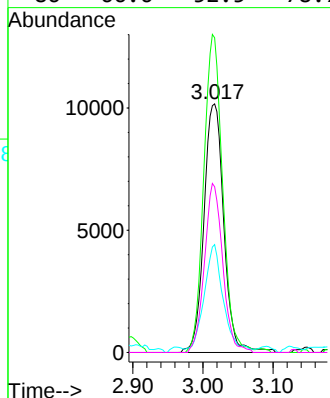
Ion Ratio Lower Upper

84 100

49 126.6 103.4 155.0

51 43.4 0.0 81.6

86 66.6 52.5 78.7



#16

trans-1,2-Dichloroethene

Concen: 1.035 ug/l

RT: 3.319 min Scan# 631

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

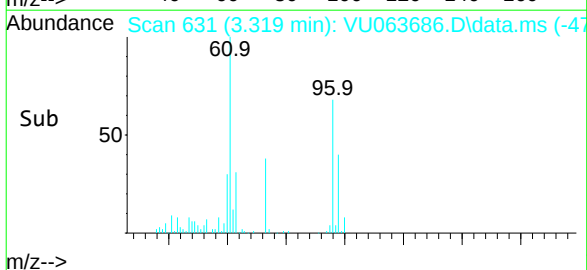
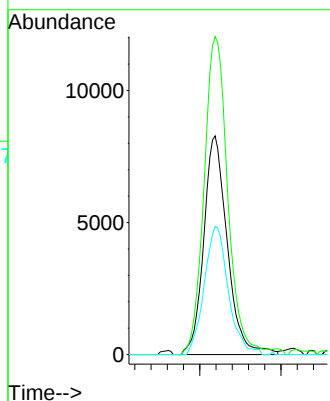
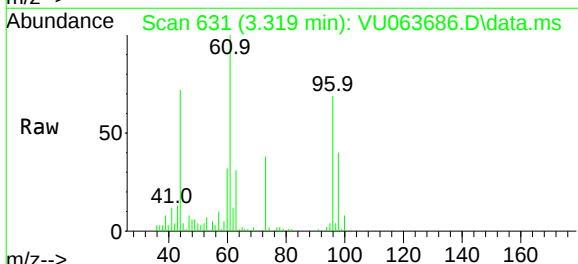
Tgt Ion: 96 Resp: 16701

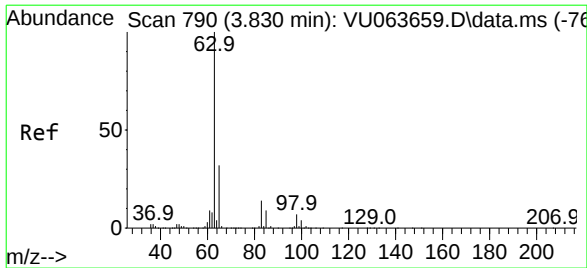
Ion Ratio Lower Upper

96 100

61 145.4 117.4 176.2

98 58.5 49.9 74.9

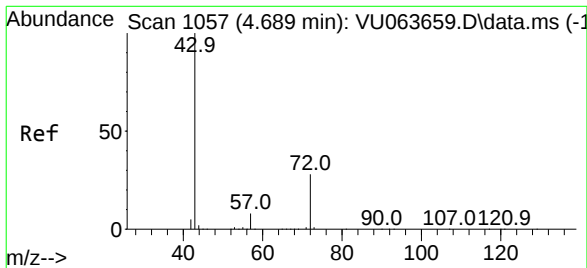
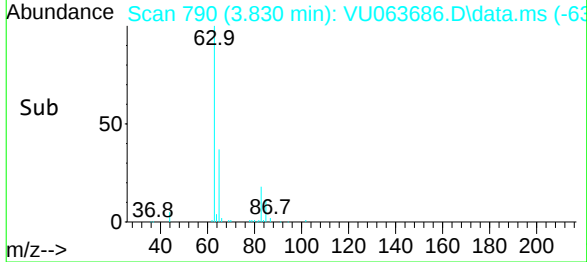
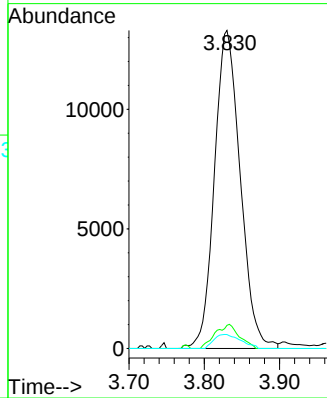
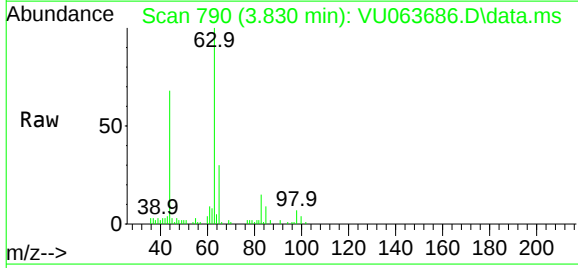




#17
1,1-Dichloroethane
Concen: 0.992 ug/l
RT: 3.830 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

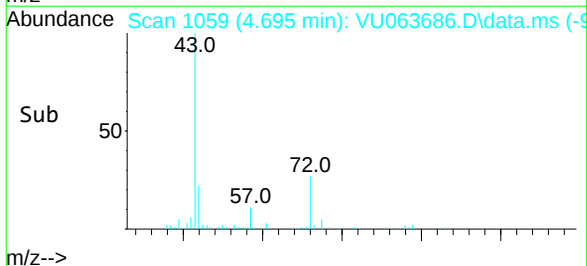
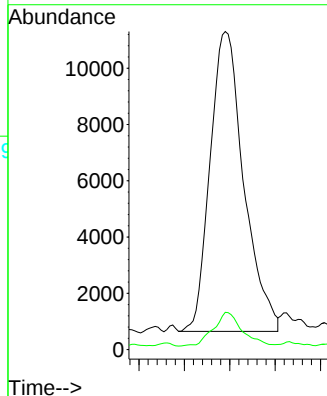
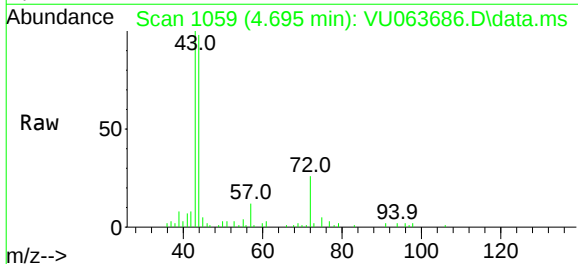
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

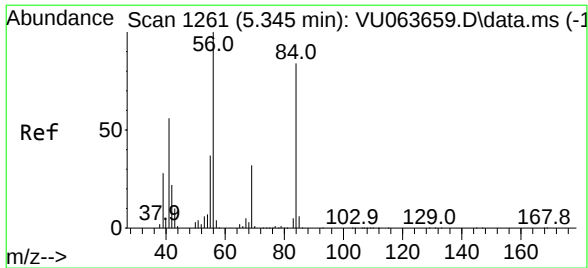
Tgt Ion:	63	Resp:	31704
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.5	10.5
100	4.4	2.2	6.6



#18
2-Butanone
Concen: 4.059 ug/l
RT: 4.695 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	43	Resp:	27531
Ion	Ratio	Lower	Upper
43	100		
57	11.3	0.0	16.6

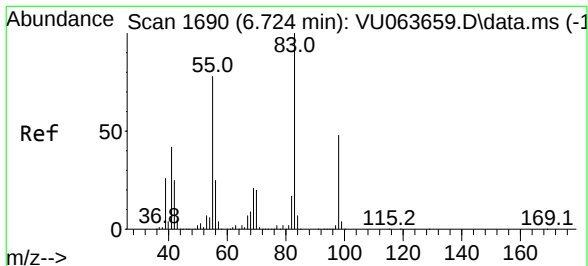
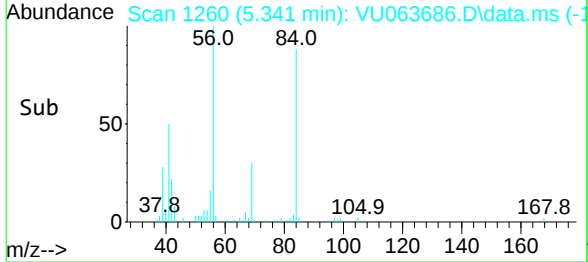
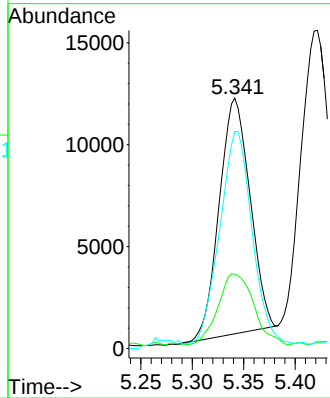
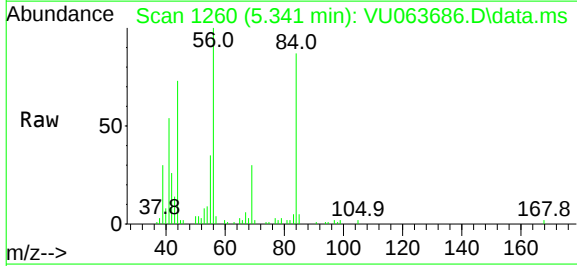




#19
Cyclohexane
Concen: 0.989 ug/l
RT: 5.341 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

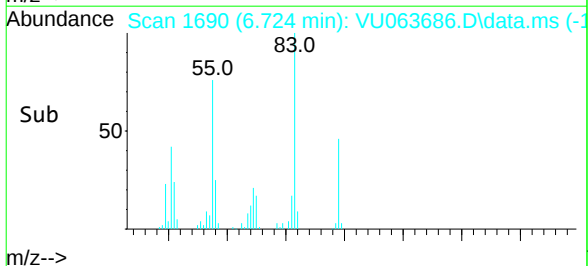
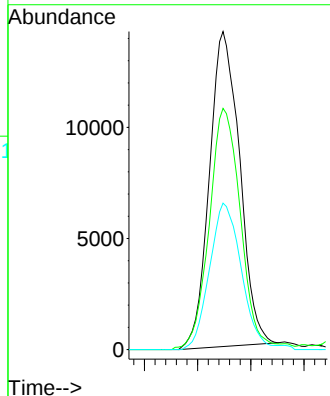
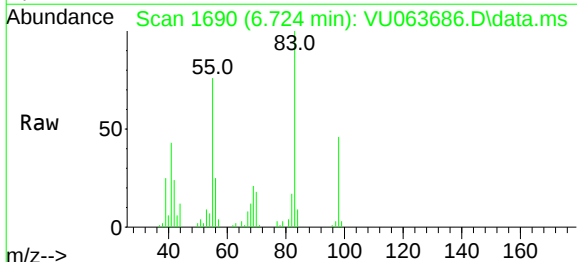
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

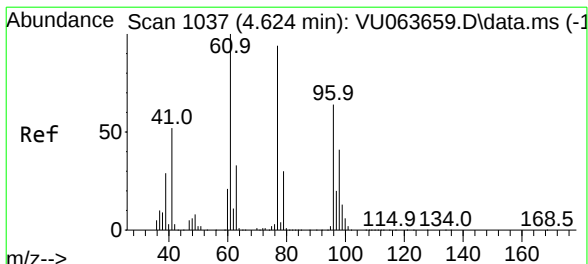
Tgt Ion:	56	Resp:	24152
Ion	Ratio	Lower	Upper
56	100		
69	34.7	27.1	40.7
84	93.6	73.4	110.0



#20
Methylcyclohexane
Concen: 0.922 ug/l
RT: 6.724 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	83	Resp:	28036
Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.5	92.3
98	49.2	37.9	56.9

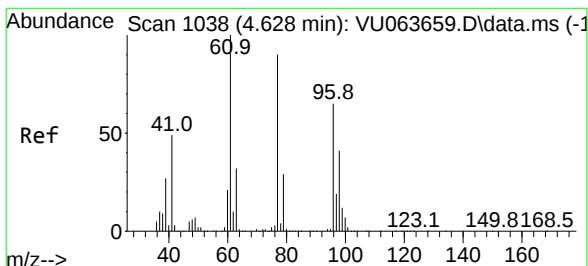
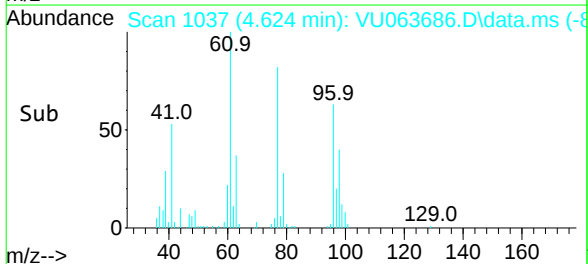
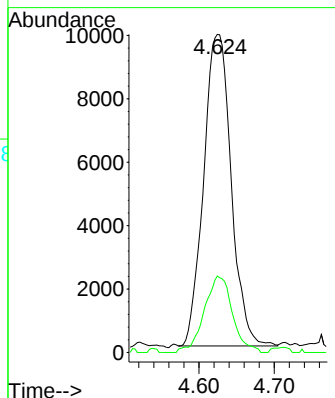
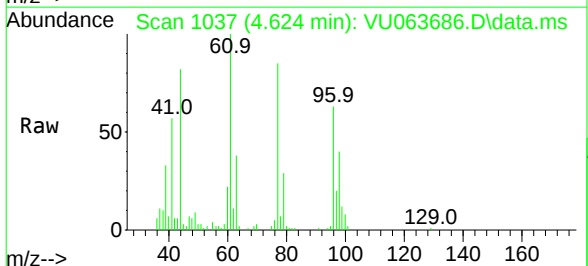




#21
 2,2-Dichloropropane
 Concen: 0.871 ug/l
 RT: 4.624 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

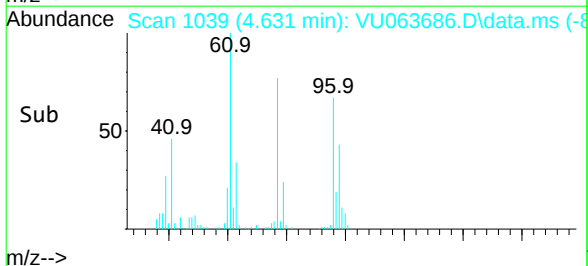
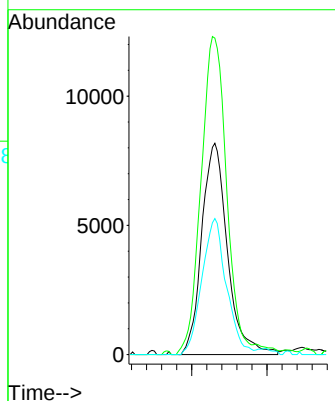
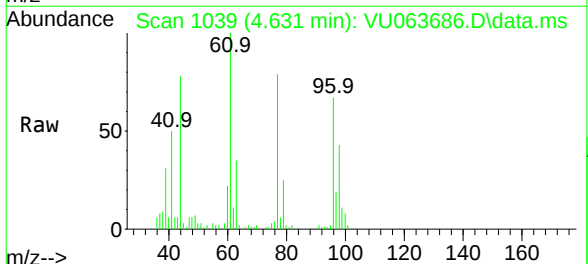
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT4-2025

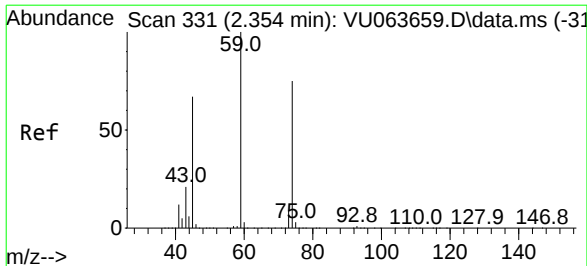
Tgt Ion:	77	Resp:	24974
Ion	Ratio	Lower	Upper
77	100		
97	25.0	17.1	25.7



#22
 cis-1,2-Dichloroethene
 Concen: 1.056 ug/l
 RT: 4.631 min Scan# 1039
 Delta R.T. 0.003 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

Tgt Ion:	96	Resp:	19403
Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	385.0
98	61.5	31.3	93.9





#23

Diethyl Ether

Concen: 1.049 ug/l

RT: 2.361 min Scan# 331

Delta R.T. 0.006 min

Lab File: VU063686.D

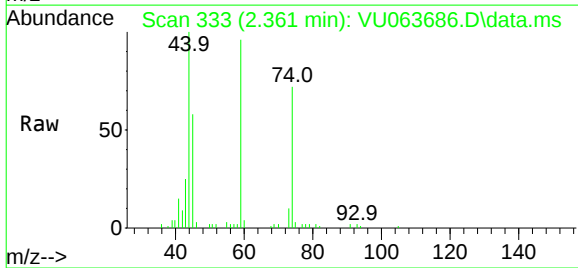
Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025



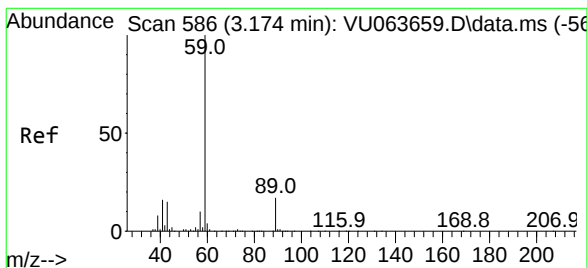
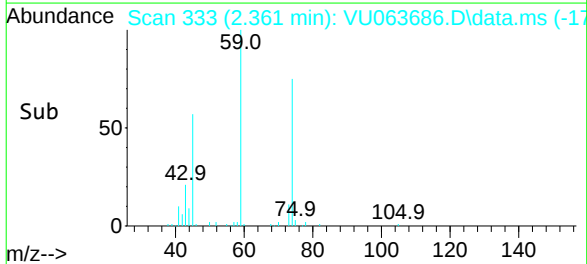
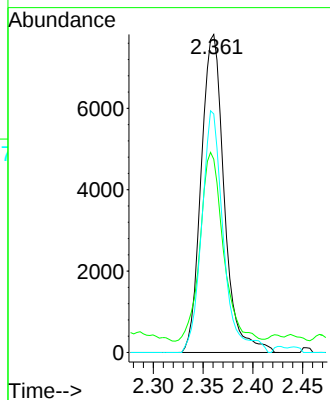
Tgt Ion: 59 Resp: 12573

Ion Ratio Lower Upper

59 100

45 59.9 52.6 78.8

74 71.5 59.4 89.2



#24

tert-Butyl Alcohol

Concen: 8.841 ug/l

RT: 3.177 min Scan# 587

Delta R.T. 0.003 min

Lab File: VU063686.D

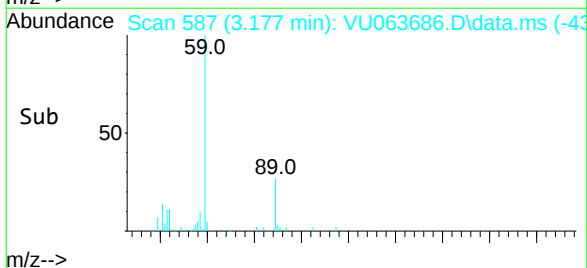
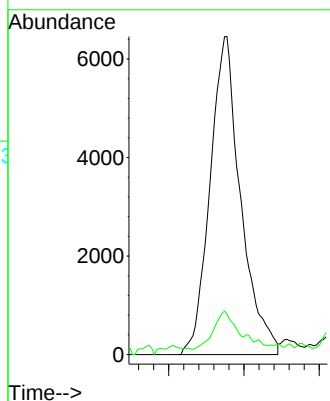
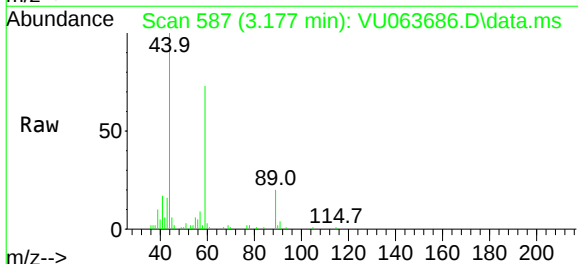
Acq: 07 Nov 2025 14:58

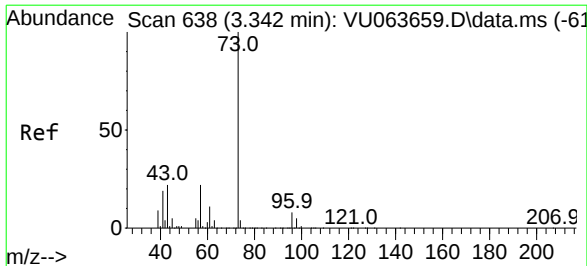
Tgt Ion: 59 Resp: 18274

Ion Ratio Lower Upper

59 100

57 8.4 7.2 10.8

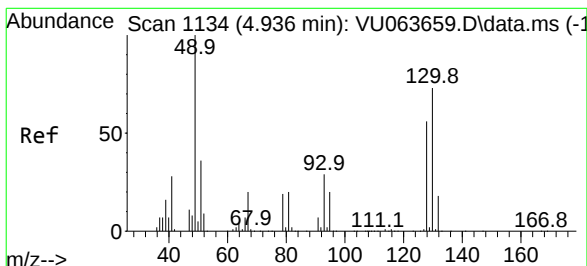
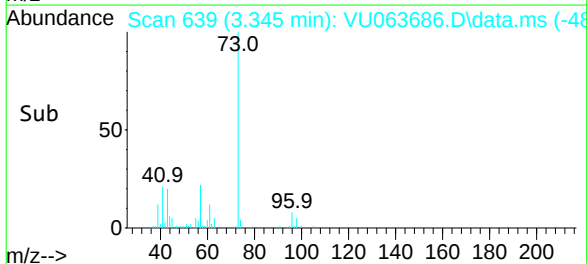
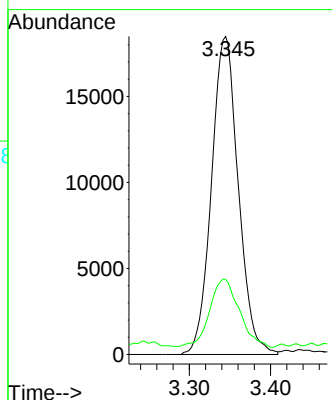
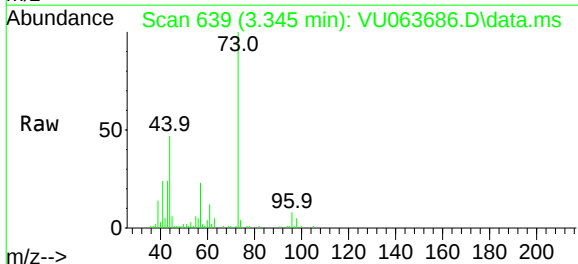




#25
Methyl tert-Butyl Ether
Concen: 0.989 ug/l
RT: 3.345 min Scan# 63
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

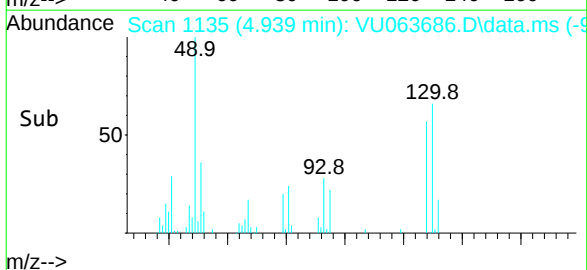
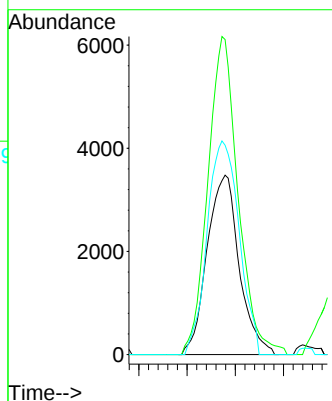
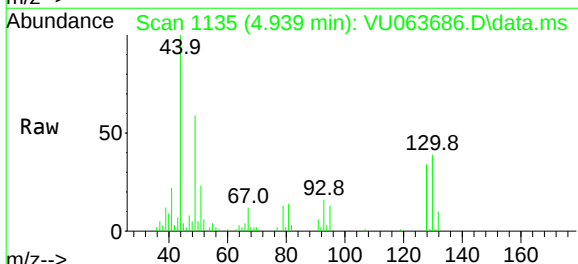
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

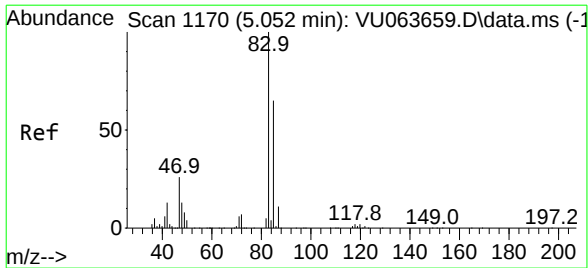
Tgt Ion: 73 Resp: 42424
Ion Ratio Lower Upper
73 100
43 23.9 17.4 26.0



#26
Bromochloromethane
Concen: 1.038 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 128 Resp: 8042
Ion Ratio Lower Upper
128 100
49 166.9 0.0 349.6
130 118.8 102.7 154.1

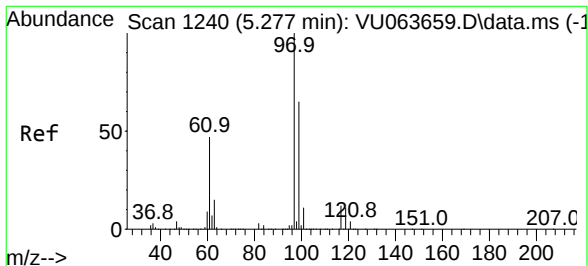
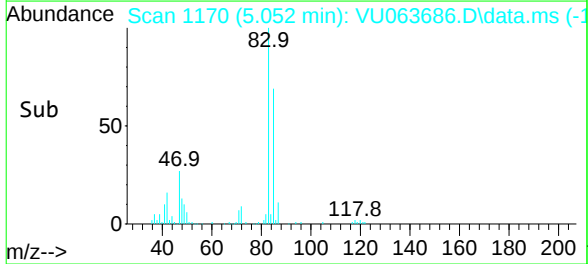
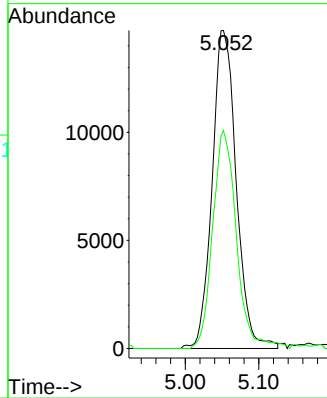
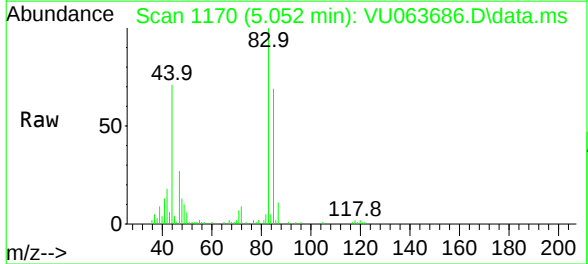




#27
Chloroform
Concen: 1.025 ug/l
RT: 5.052 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

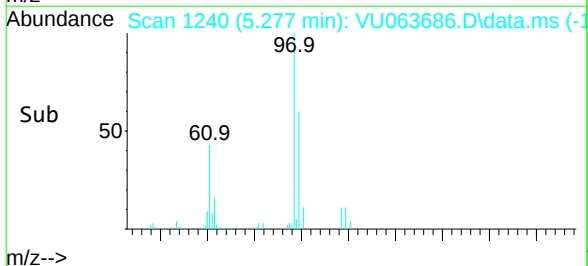
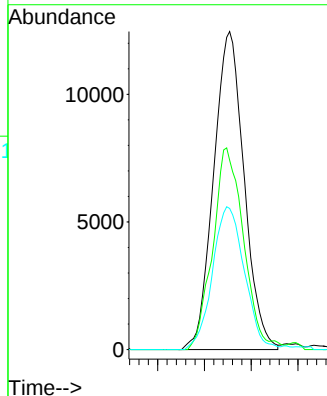
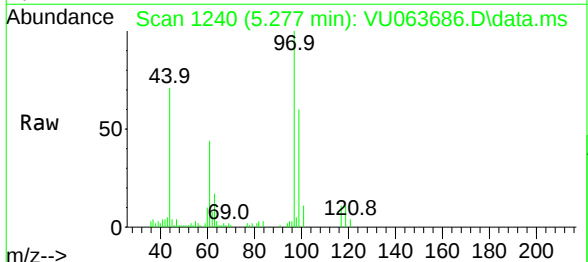
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

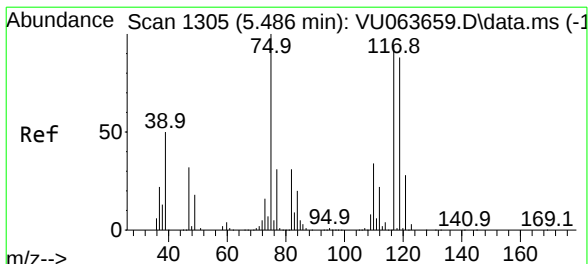
Tgt Ion: 83 Resp: 33527
Ion Ratio Lower Upper
83 100
85 68.5 0.0 130.8



#28
1,1,1-Trichloroethane
Concen: 0.978 ug/l
RT: 5.277 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 97 Resp: 28197
Ion Ratio Lower Upper
97 100
99 64.2 32.3 96.8
61 47.1 23.3 69.8

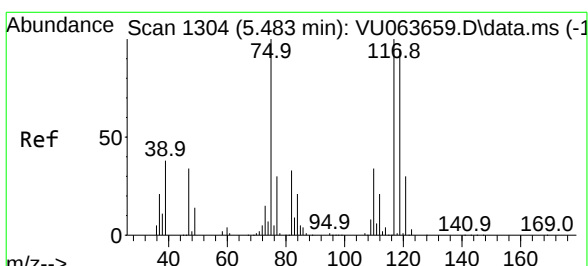
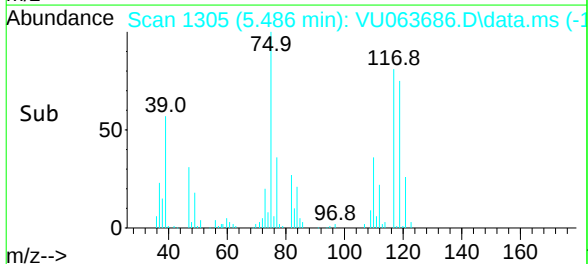
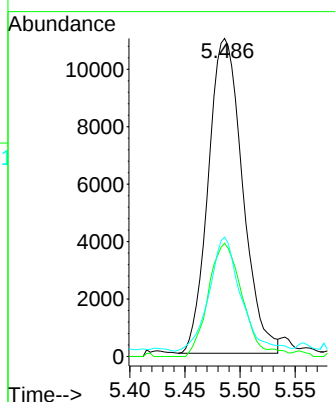
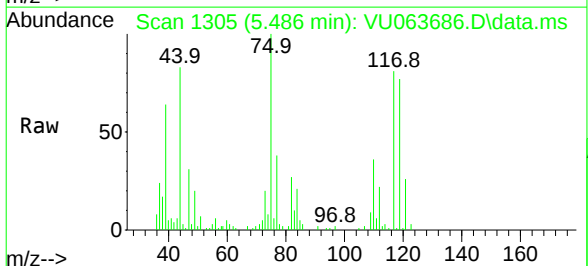




#29
 1,1-Dichloropropene
 Concen: 0.981 ug/l
 RT: 5.486 min Scan# 1305
 Delta R.T. -0.000 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

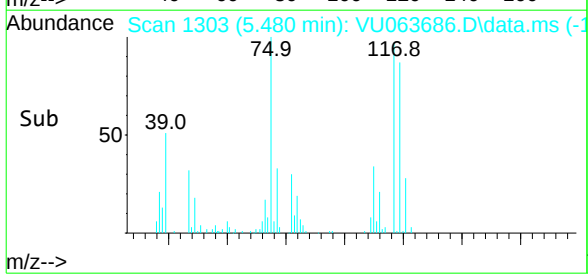
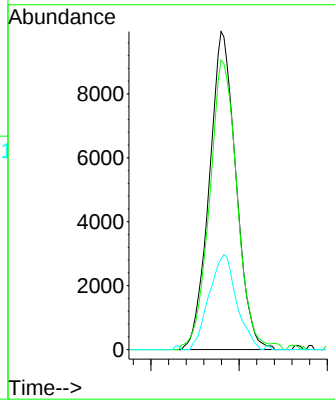
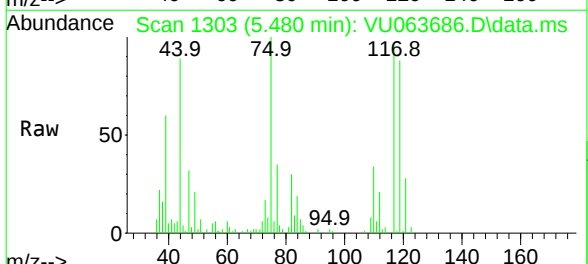
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT4-2025

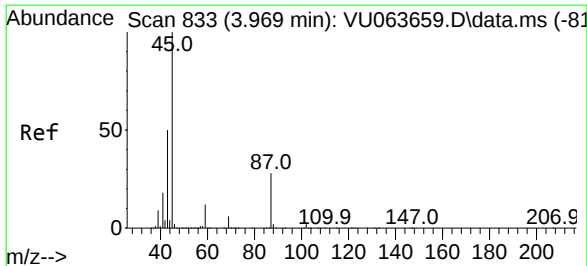
Tgt Ion:	75	Resp:	23747
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.2	51.5
77	33.4	24.5	36.7



#30
 Carbon Tetrachloride
 Concen: 0.915 ug/l
 RT: 5.480 min Scan# 1303
 Delta R.T. -0.003 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

Tgt Ion:	117	Resp:	20894
Ion	Ratio	Lower	Upper
117	100		
119	91.1	75.7	113.5
121	28.6	23.8	35.6

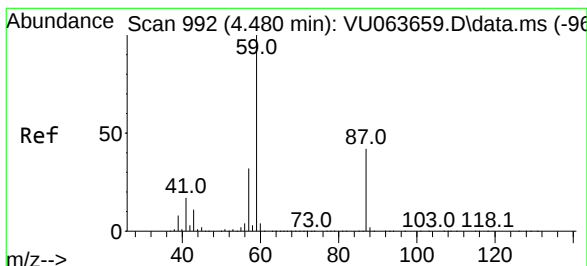
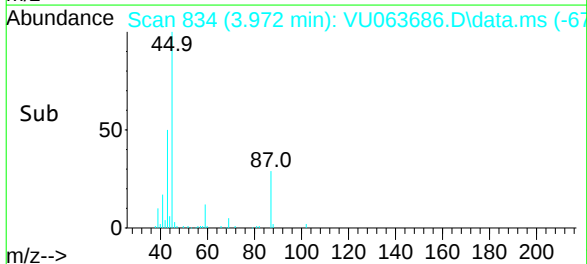
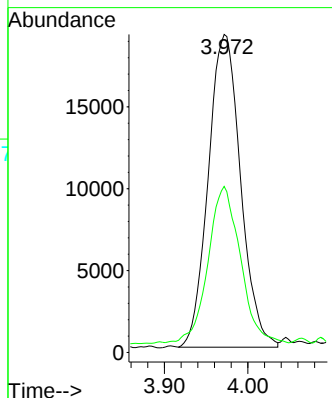
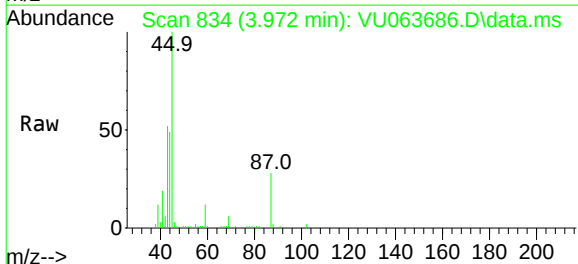




#31
Isopropyl Ether
Concen: 1.015 ug/l
RT: 3.972 min Scan# 833
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

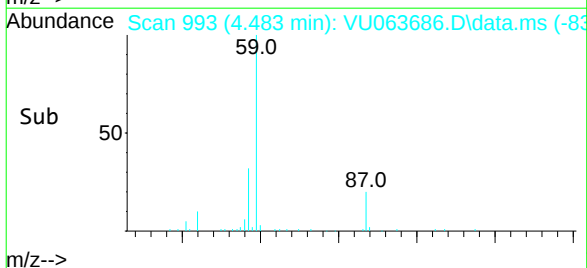
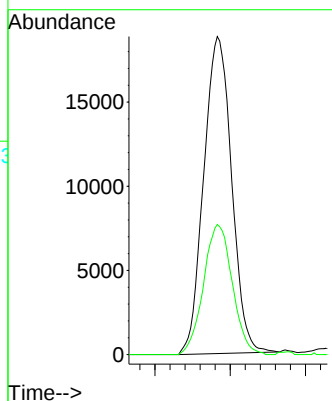
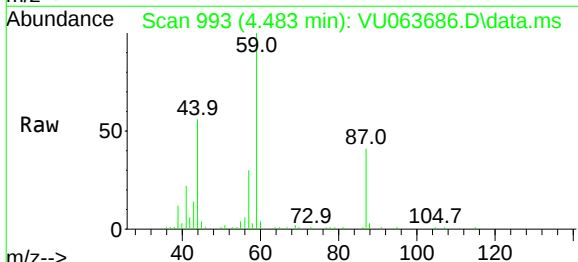
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

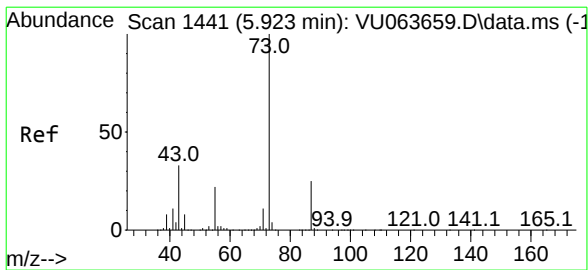
Tgt Ion: 45 Resp: 51414
Ion Ratio Lower Upper
45 100
43 49.6 25.3 75.9



#32
Ethyl-t-butyl ether
Concen: 0.993 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 59 Resp: 48445
Ion Ratio Lower Upper
59 100
87 42.3 33.0 49.6

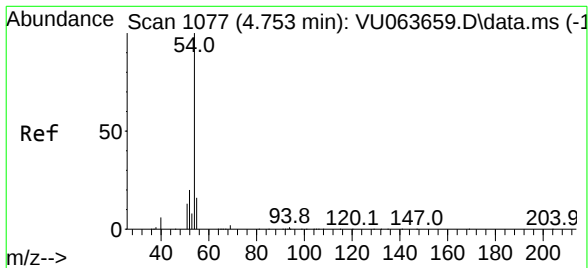
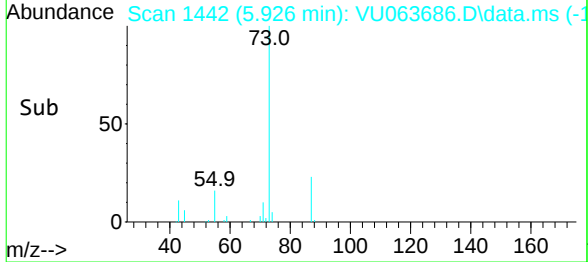
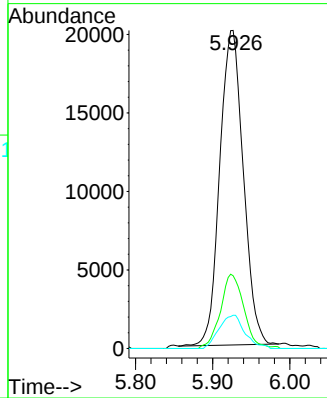
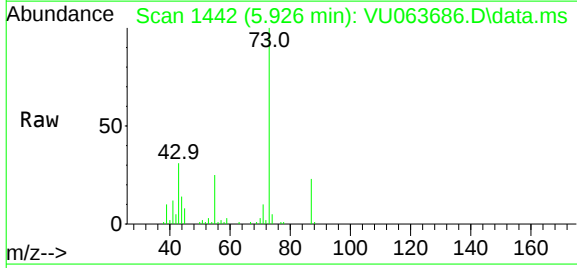




#33
Tert-Amyl methyl ether
Concen: 1.000 ug/l
RT: 5.926 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

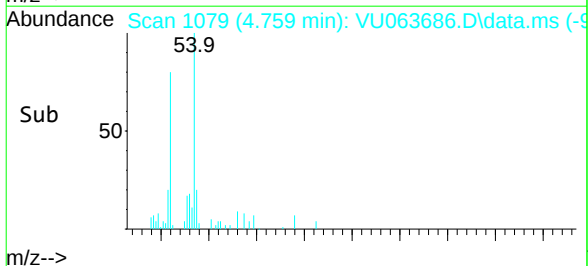
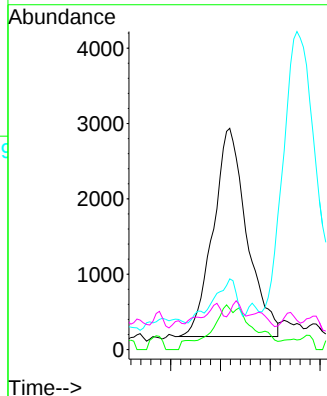
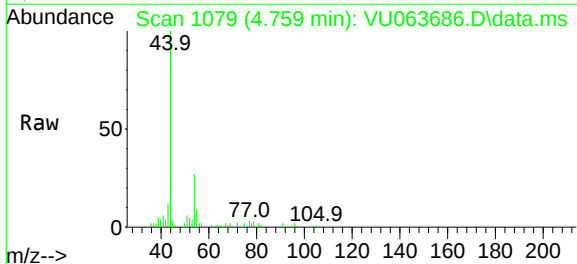
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

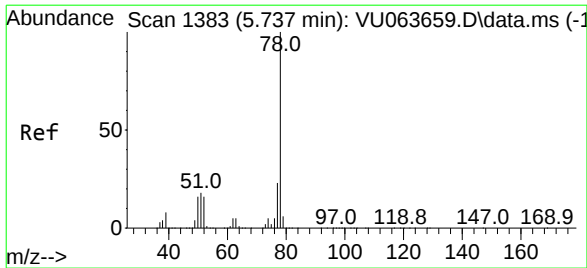
Tgt Ion: 73	Resp: 42464
Ion Ratio	Lower Upper
73 100	
87 22.6	20.0 30.0
71 11.6	9.0 13.4



#34
Propionitrile
Concen: 4.897 ug/l
RT: 4.759 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 54	Resp: 6490
Ion Ratio	Lower Upper
54 100	
52 8.1	15.8 23.6#
55 14.6	11.3 16.9
40 2.1	6.2 9.4#

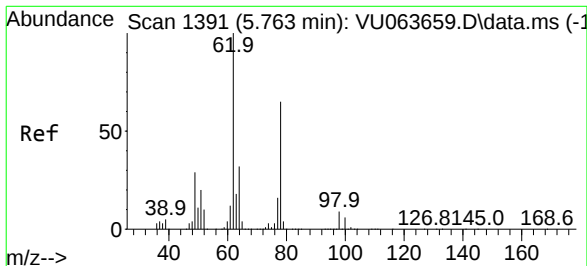
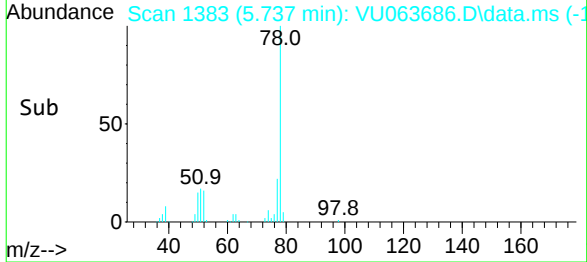
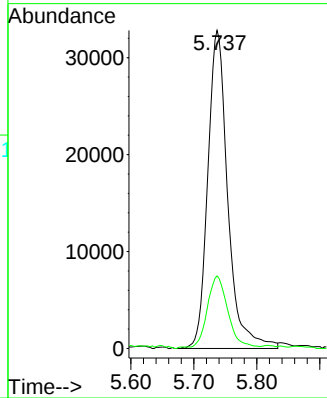
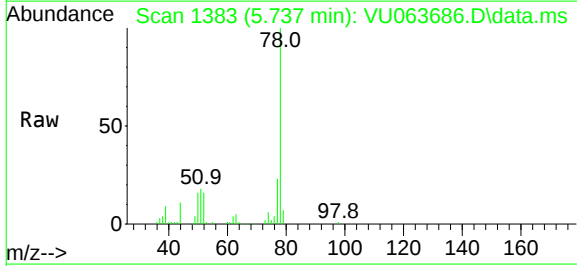




#35
Benzene
Concen: 1.061 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

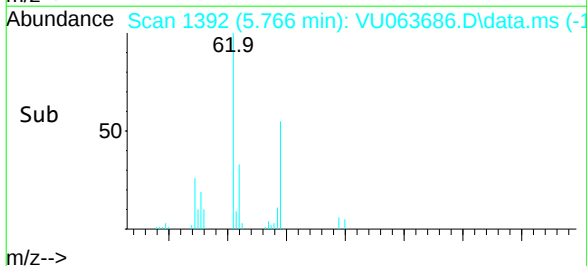
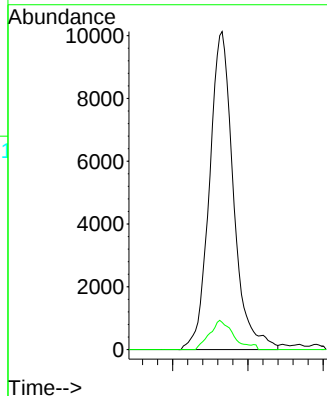
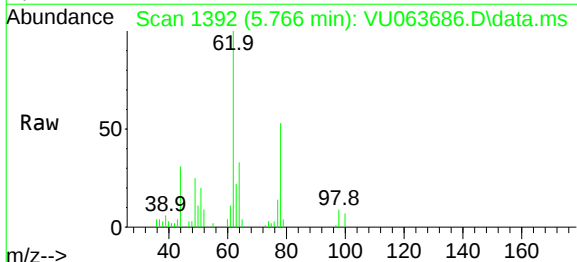
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

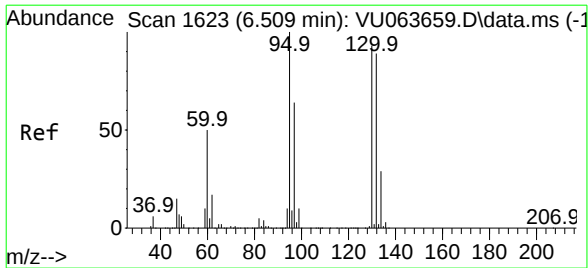
Tgt Ion: 78 Resp: 72416
Ion Ratio Lower Upper
78 100
77 22.5 18.3 27.5



#36
1,2-Dichloroethane
Concen: 1.023 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 62 Resp: 22427
Ion Ratio Lower Upper
62 100
98 9.1 6.8 10.2

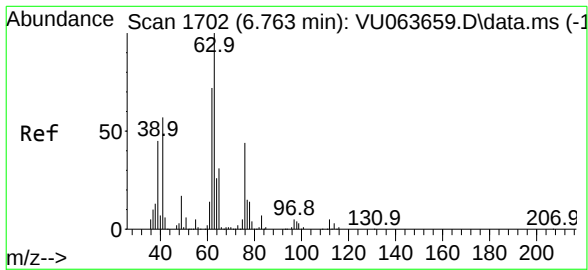
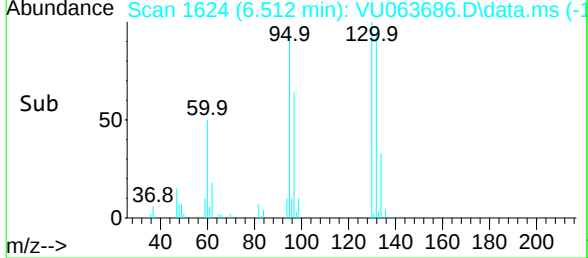
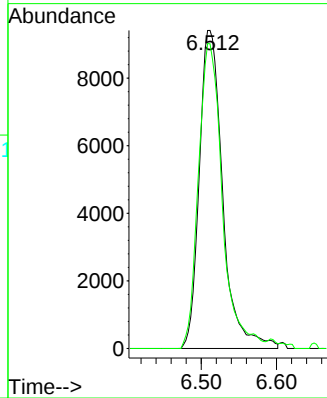
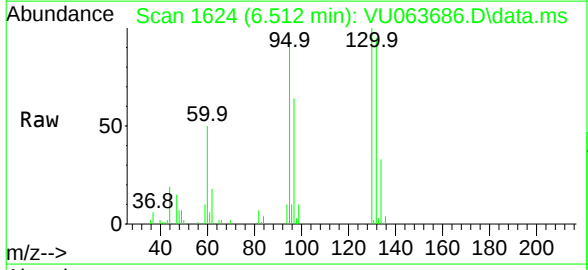




#37
 Trichloroethene
 Concen: 1.044 ug/l
 RT: 6.512 min Scan# 16
 Delta R.T. 0.003 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

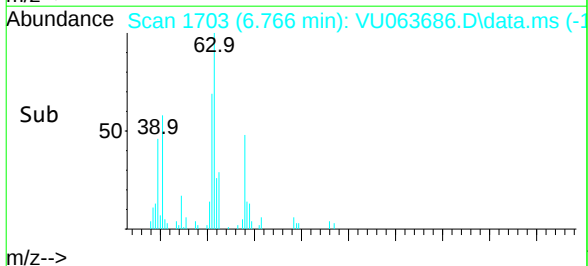
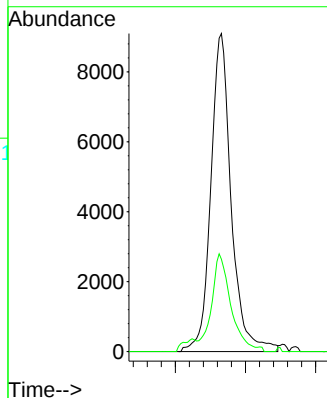
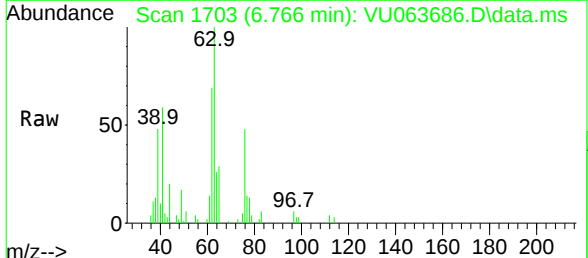
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

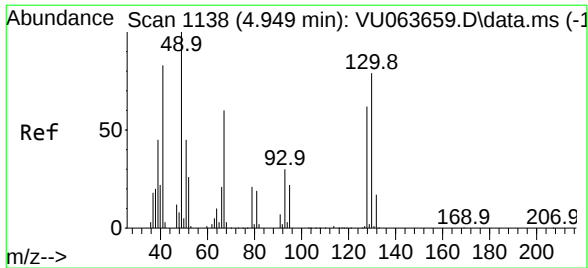
Tgt Ion: 130 Resp: 20315
 Ion Ratio Lower Upper
 130 100
 95 95.8 86.0 129.0



#38
 1,2-Dichloropropane
 Concen: 0.961 ug/l
 RT: 6.766 min Scan# 1703
 Delta R.T. 0.003 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

Tgt Ion: 63 Resp: 18359
 Ion Ratio Lower Upper
 63 100
 65 27.8 24.5 36.7

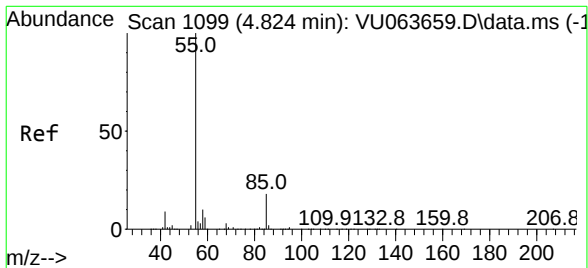
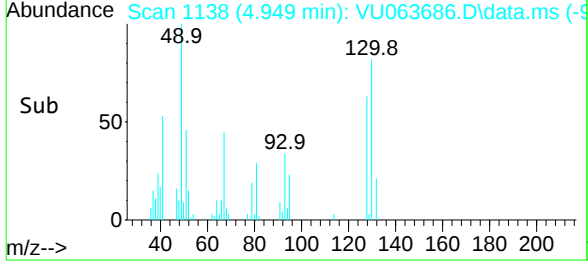
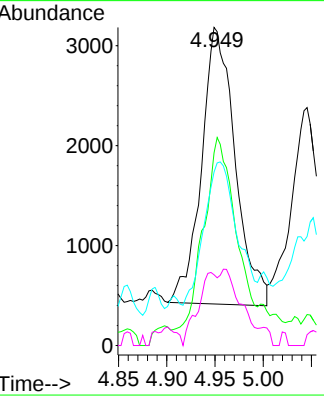
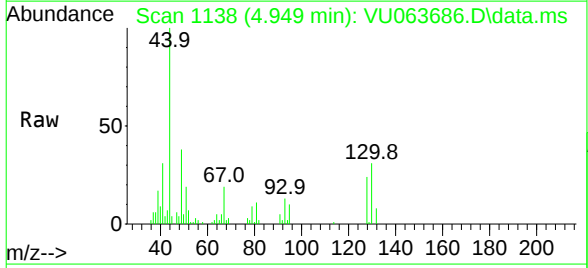




#39
Methacrylonitrile
Concen: 1.020 ug/l
RT: 4.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

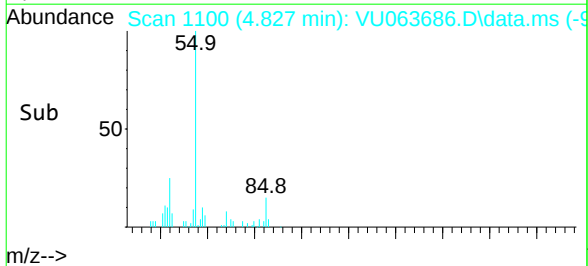
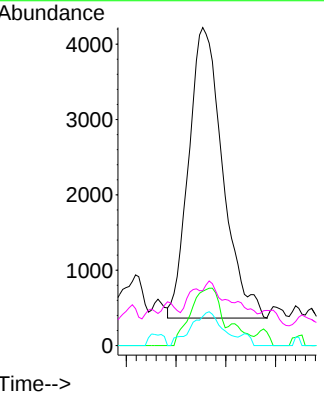
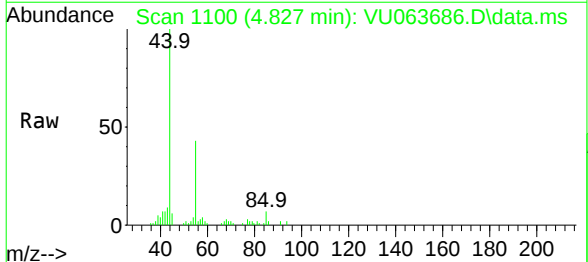
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

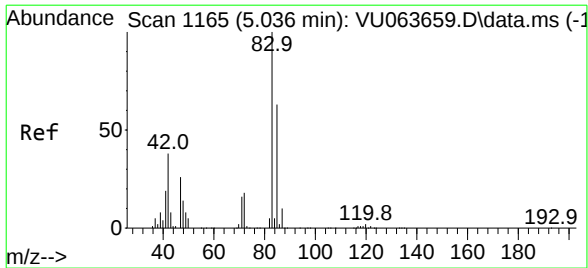
Tgt Ion:	41	Resp:	6726
Ion	Ratio	Lower	Upper
41	100		
67	63.8	61.4	92.2
39	50.4	46.5	69.7
52	15.2	25.8	38.6#



#40
Methyl acrylate
Concen: 0.954 ug/l
RT: 4.827 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	55	Resp:	9138
Ion	Ratio	Lower	Upper
55	100		
85	0.0	15.3	22.9#
58	0.0	7.7	11.5#
42	4.0	7.9	11.9#

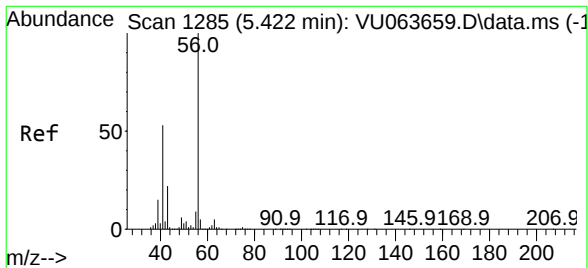
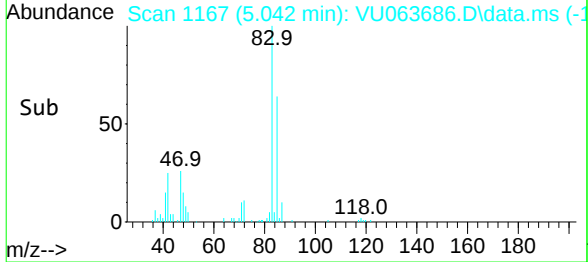
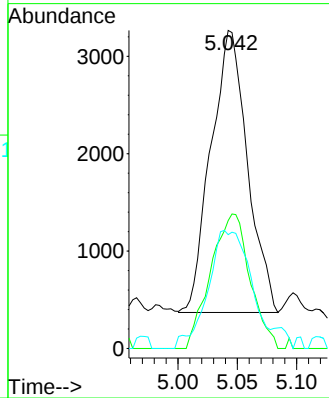
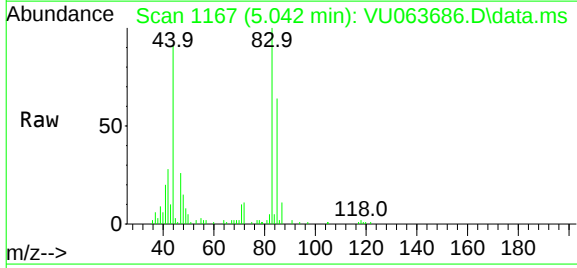




#41
Tetrahydrofuran
Concen: 2.093 ug/l
RT: 5.042 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

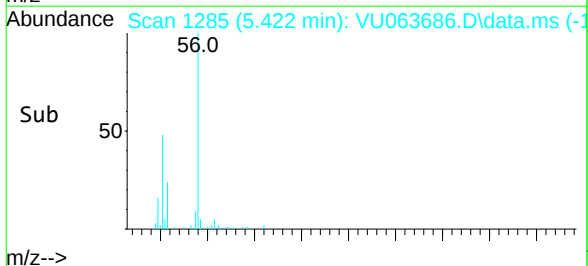
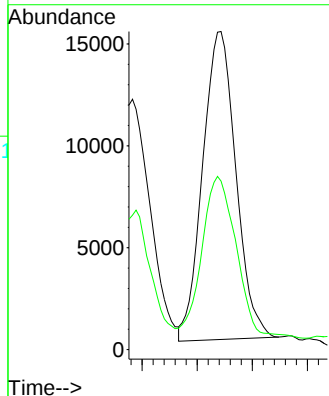
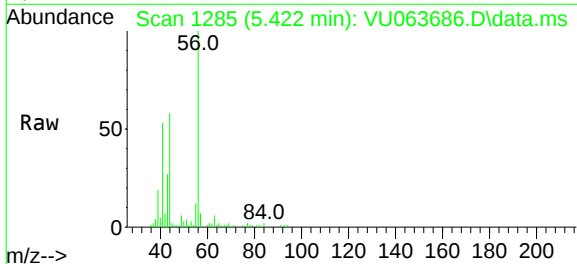
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

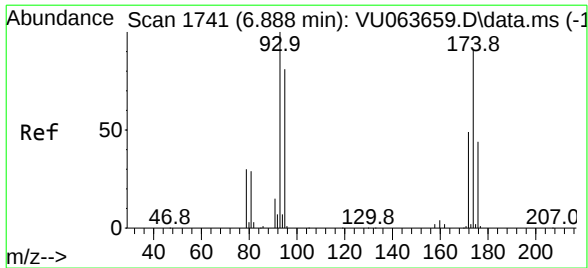
Tgt Ion:	42	Resp:	6214
Ion	Ratio	Lower	Upper
42	100		
72	51.0	40.5	60.7
71	48.5	35.0	52.6



#42
1-Chlorobutane
Concen: 0.977 ug/l
RT: 5.422 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	56	Resp:	31690
Ion	Ratio	Lower	Upper
56	100		
41	54.9	25.9	77.6





#43

Dibromomethane

Concen: 0.967 ug/l

RT: 6.894 min Scan# 17

Delta R.T. 0.006 min

Lab File: VU063686.D

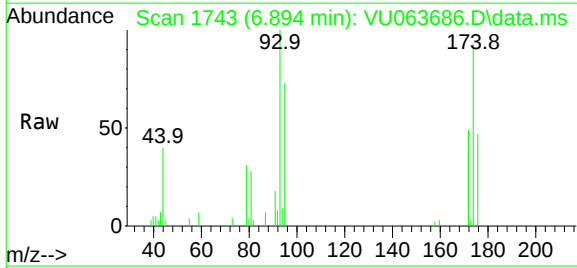
Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025



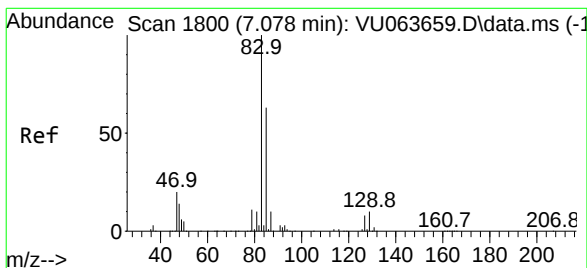
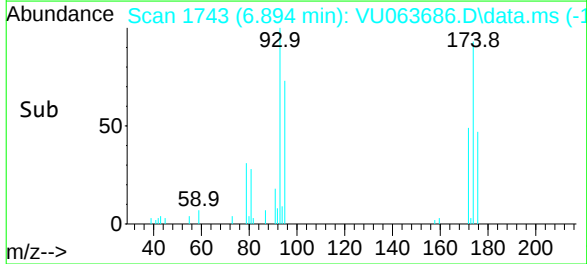
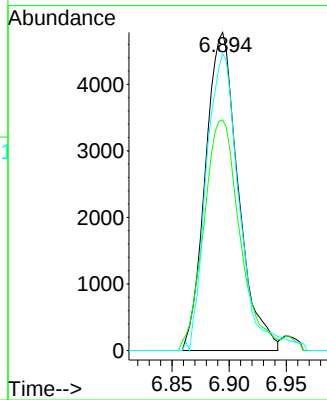
Tgt Ion: 93 Resp: 9550

Ion Ratio Lower Upper

93 100

95 79.0 64.6 97.0

174 93.8 73.8 110.8



#44

Bromodichloromethane

Concen: 0.824 ug/l

RT: 7.081 min Scan# 1801

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

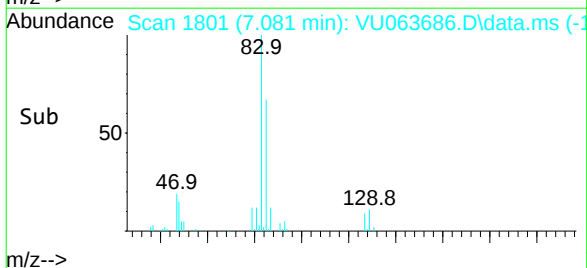
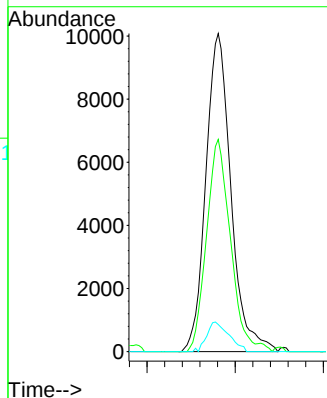
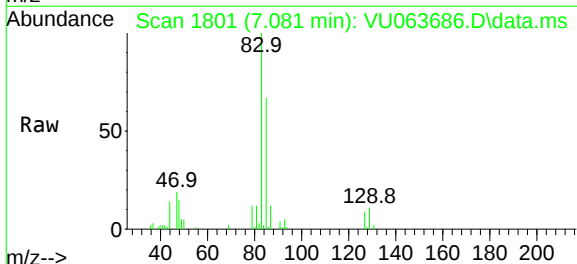
Tgt Ion: 83 Resp: 19898

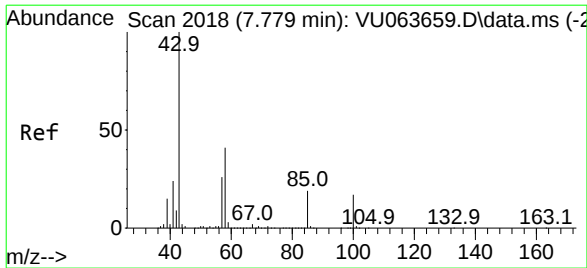
Ion Ratio Lower Upper

83 100

85 66.7 50.5 75.7

127 8.5 6.4 9.6

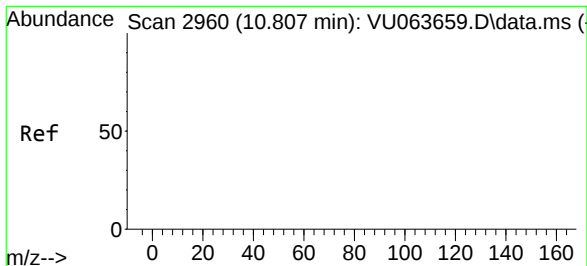
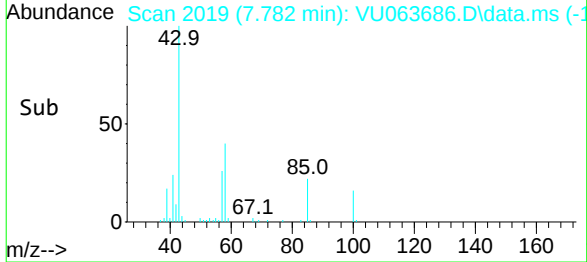
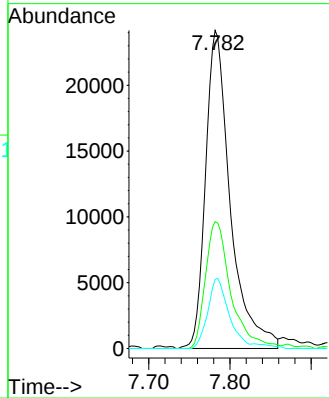
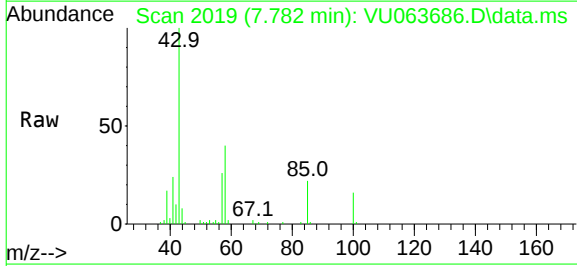




#45
4-Methyl-2-Pentanone
Concen: 4.293 ug/l
RT: 7.782 min Scan# 2018
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

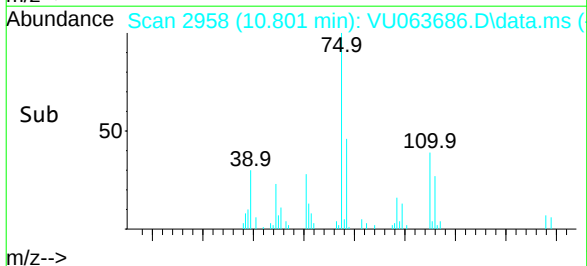
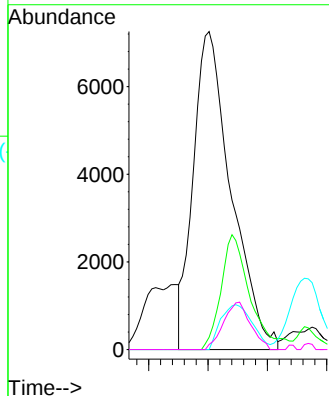
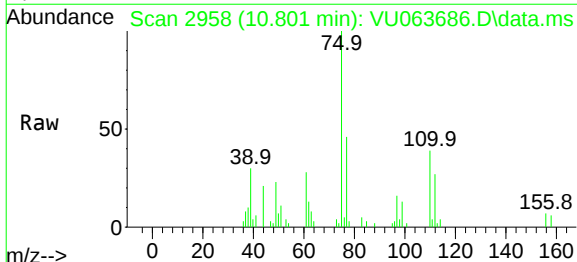
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

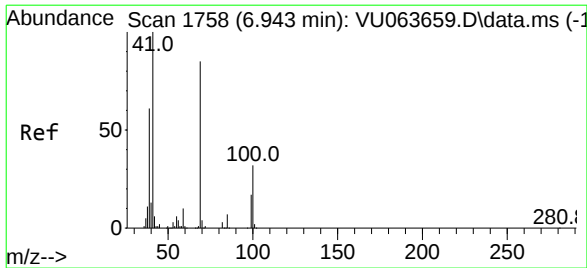
Tgt Ion: 43	Resp: 51147
Ion Ratio	Lower Upper
43 100	
58 40.8	20.2 60.5
85 18.9	15.0 22.6



#46
t-1,4-Dichloro-2-butene
Concen: 3.894 ug/l
RT: 10.801 min Scan# 2958
Delta R.T. -0.007 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

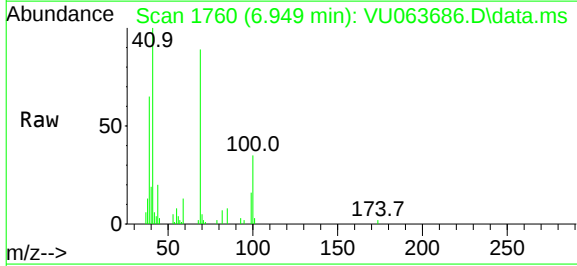
Tgt Ion: 75	Resp: 16092
Ion Ratio	Lower Upper
75 100	
53 27.9	57.2 85.8#
89 11.8	37.9 56.9#
88 10.6	30.1 45.1#



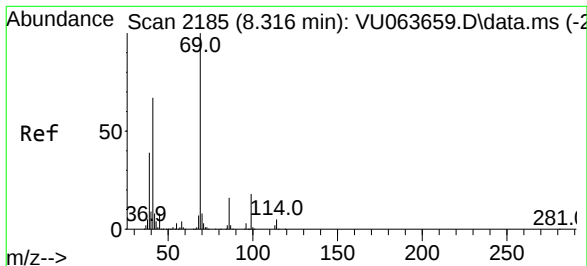
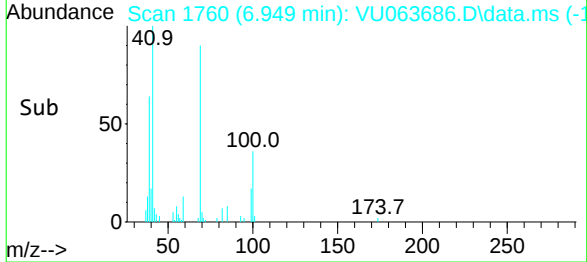
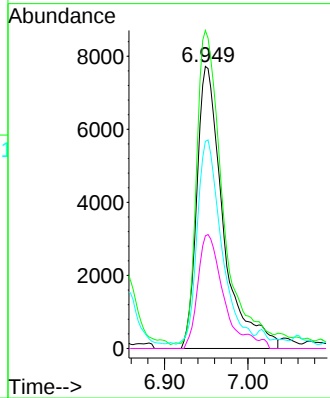


#47
Methyl methacrylate
Concen: 1.863 ug/l
RT: 6.949 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

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

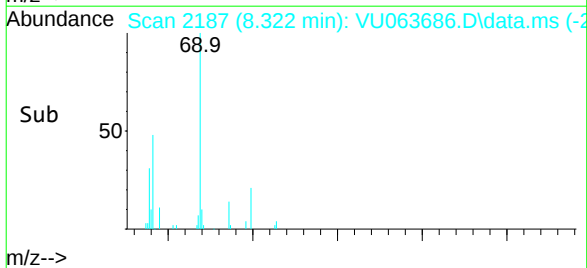
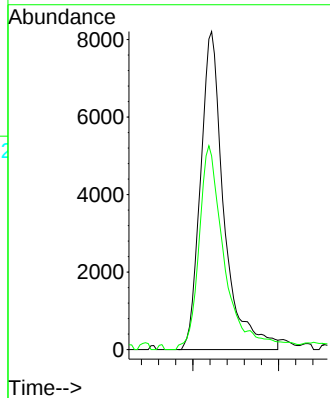
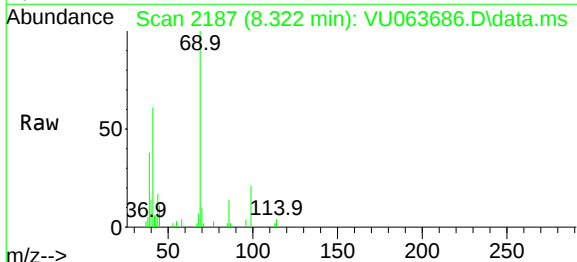


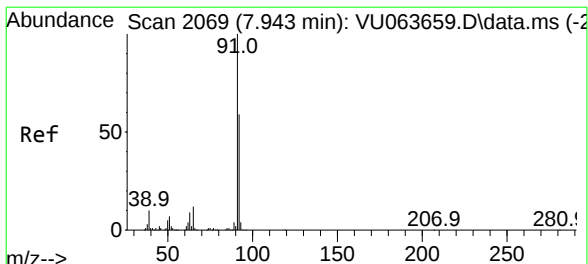
Tgt Ion: 69 Resp: 16941
Ion Ratio Lower Upper
69 100
41 108.3 0.0 228.2
39 66.6 56.2 84.4
100 37.2 30.6 46.0



#48
Ethyl methacrylate
Concen: 0.842 ug/l
RT: 8.322 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 69 Resp: 15576
Ion Ratio Lower Upper
69 100
41 70.2 32.8 98.3

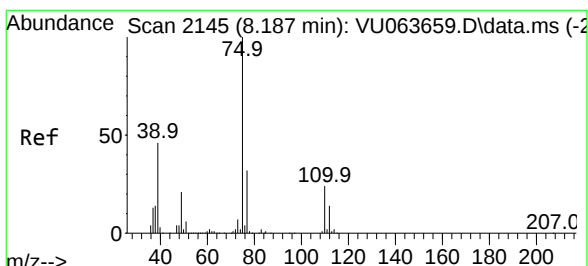
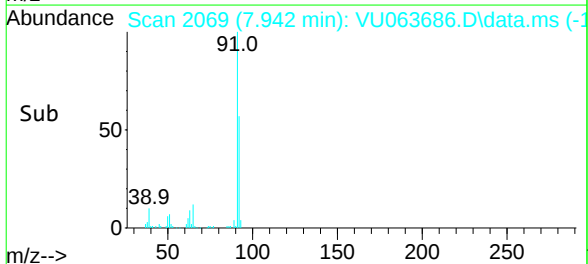
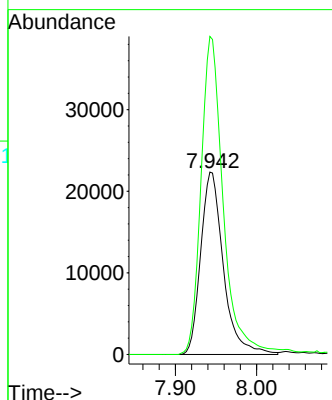
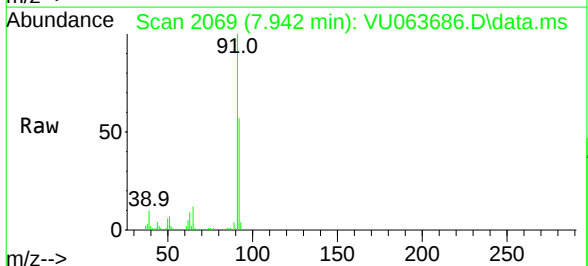




#49
Toluene
Concen: 0.943 ug/l
RT: 7.942 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

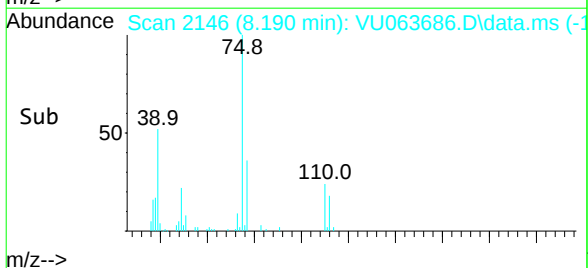
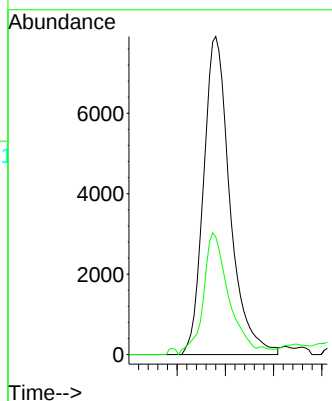
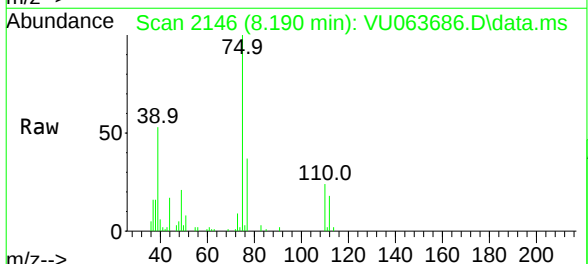
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

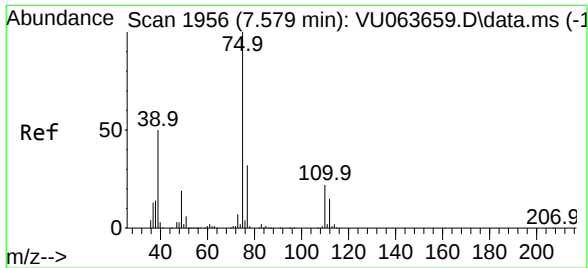
Tgt Ion:	92	Resp:	43390
Ion	Ratio	Lower	Upper
92	100		
91	170.5	136.8	205.2



#50
t-1,3-Dichloropropene
Concen: 0.716 ug/l
RT: 8.190 min Scan# 2146
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	75	Resp:	15027
Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.8	38.6

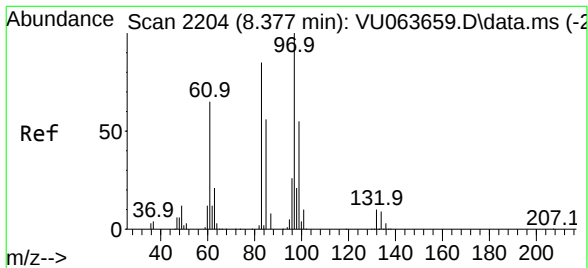
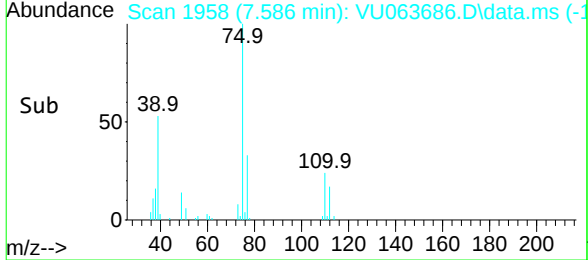
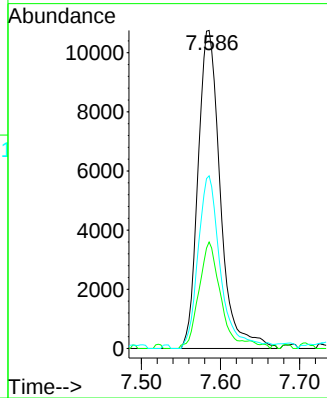
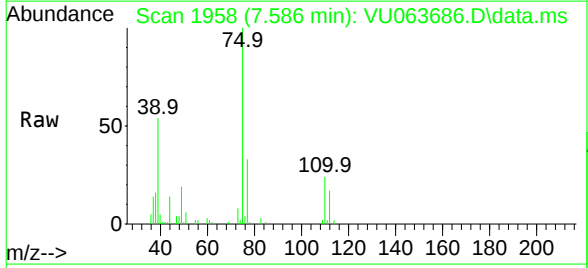




#51
cis-1,3-Dichloropropene
Concen: 0.800 ug/l
RT: 7.586 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

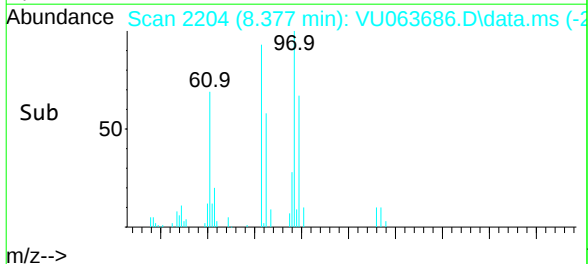
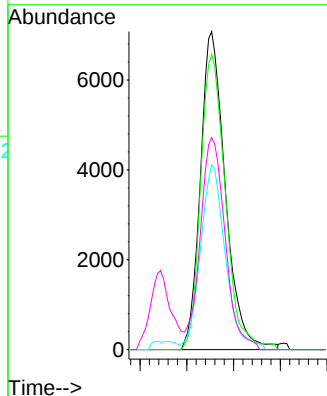
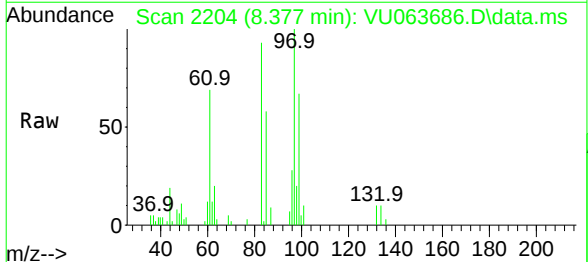
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

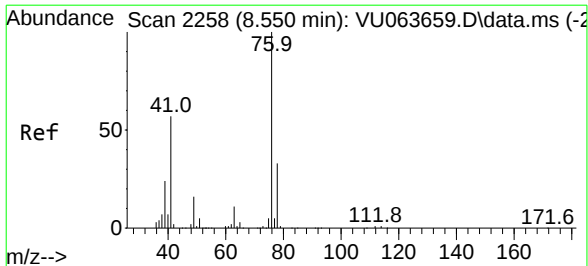
Tgt Ion:	75	Resp:	21016
Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.5	38.3
39	54.3	39.9	59.9



#52
1,1,2-Trichloroethane
Concen: 0.975 ug/l
RT: 8.377 min Scan# 2204
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	97	Resp:	13096
Ion	Ratio	Lower	Upper
97	100		
83	92.8	68.3	102.5
85	58.1	45.3	67.9
99	66.7	49.7	74.5

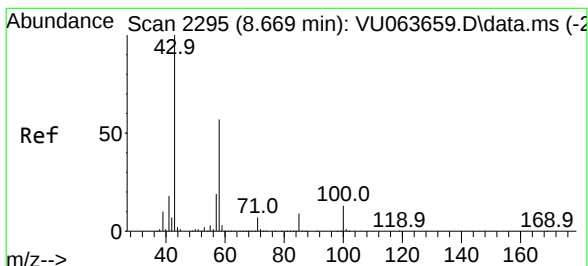
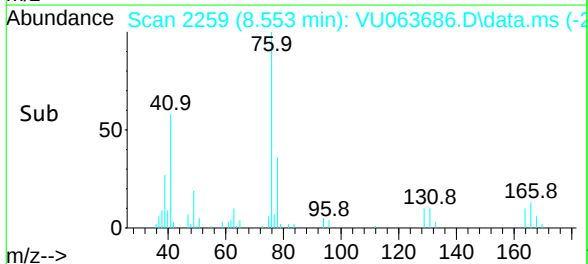
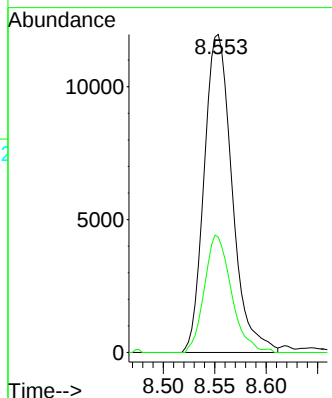
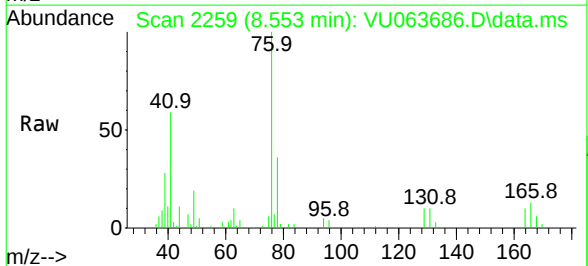




#53
1,3-Dichloropropane
Concen: 0.945 ug/l
RT: 8.553 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

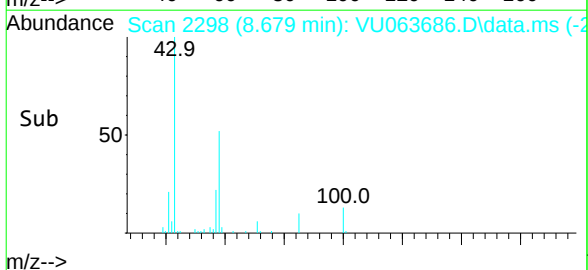
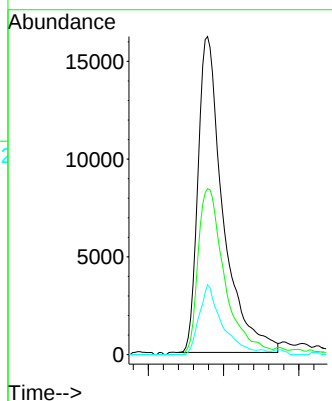
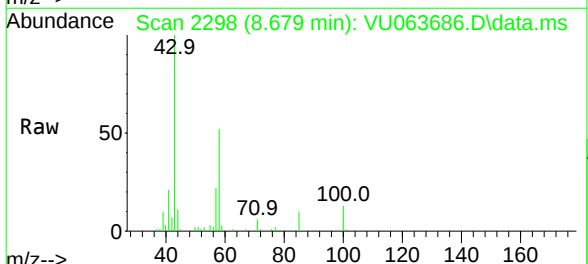
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

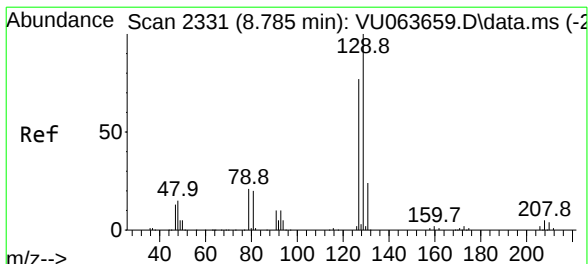
Tgt Ion: 76 Resp: 22675
Ion Ratio Lower Upper
76 100
78 35.6 25.8 38.6



#54
2-Hexanone
Concen: 3.731 ug/l
RT: 8.679 min Scan# 2298
Delta R.T. 0.009 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 43 Resp: 37532
Ion Ratio Lower Upper
43 100
58 55.6 36.3 76.3
57 20.0 0.0 39.7

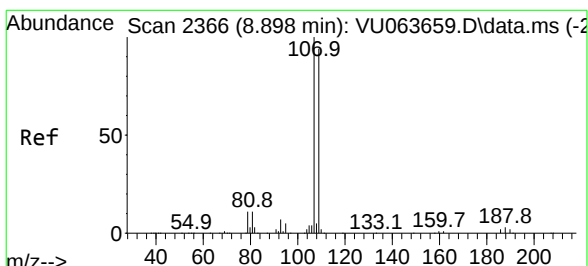
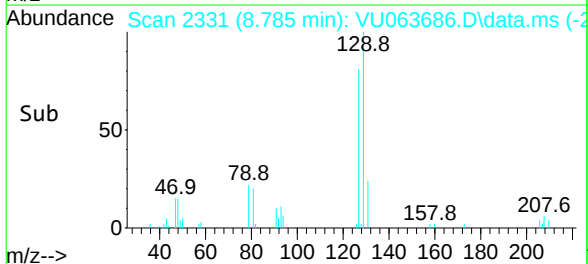
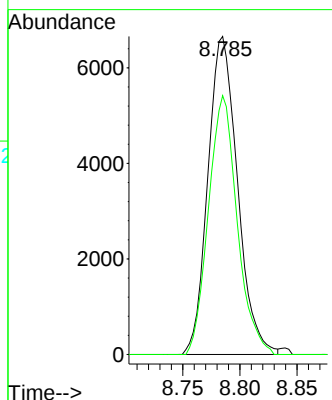
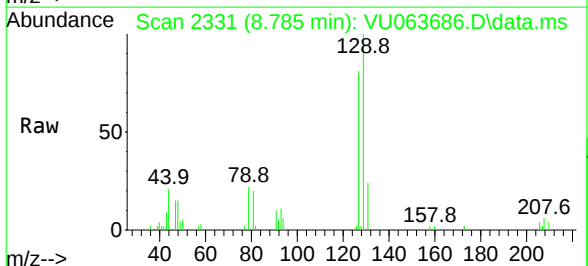




#55
 Dibromochloromethane
 Concen: 0.760 ug/l
 RT: 8.785 min Scan# 2331
 Delta R.T. -0.000 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

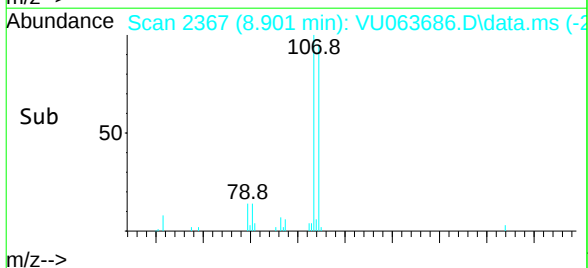
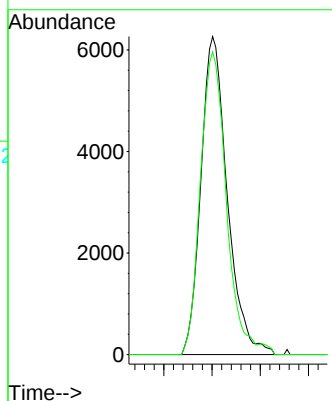
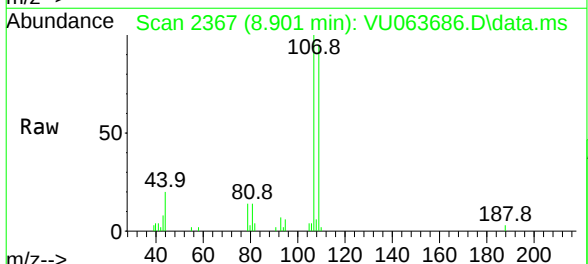
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT4-2025

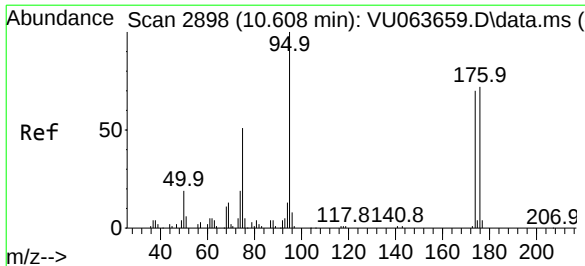
Tgt Ion:	129	Resp:	12018
Ion Ratio	Lower	Upper	
129	100		
127	78.8	61.4	92.0



#56
 1,2-Dibromoethane
 Concen: 0.930 ug/l
 RT: 8.901 min Scan# 2367
 Delta R.T. 0.003 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

Tgt Ion:	107	Resp:	11886
Ion Ratio	Lower	Upper	
107	100		
109	94.1	0.0	188.0





#57

4-Bromofluorobenzene

Concen: 0.937 ug/l

RT: 10.611 min Scan# 2899

Delta R.T. 0.003 min

Lab File: VU063686.D

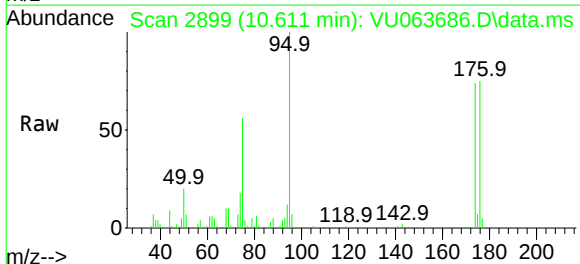
Acq: 07 Nov 2025 14:58

Instrument :

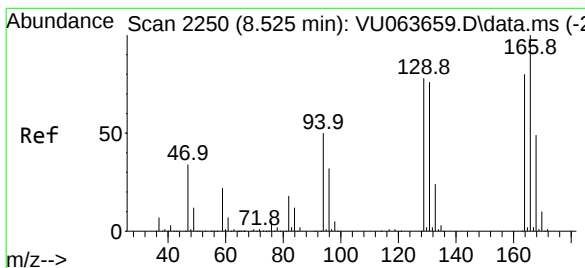
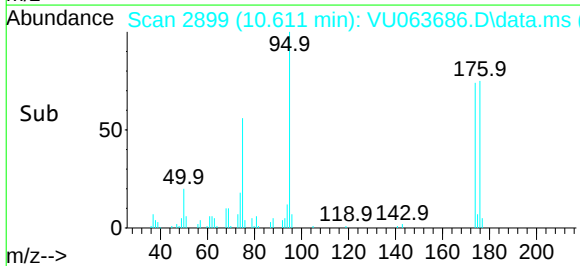
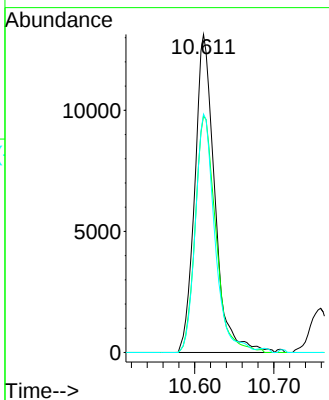
MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025



Tgt Ion:	95	Resp:	23018
Ion Ratio	Lower	Upper	
95	100		
174	76.4	59.9	89.9
176	73.3	58.8	88.2



#58

Tetrachloroethene

Concen: 1.018 ug/l

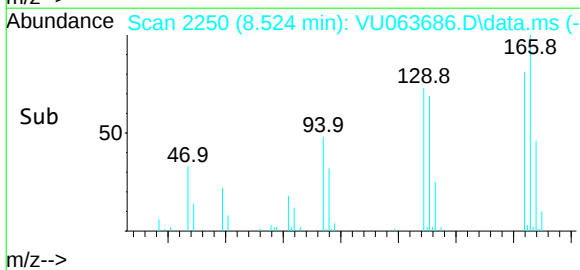
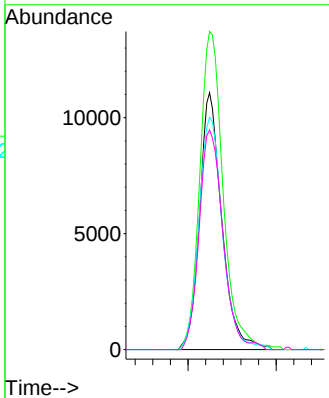
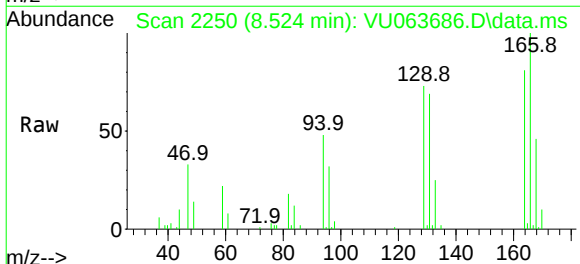
RT: 8.524 min Scan# 2250

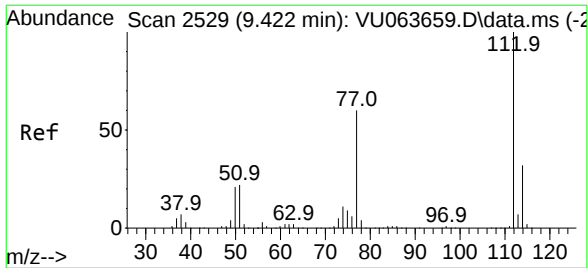
Delta R.T. -0.000 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Tgt Ion:	164	Resp:	19376
Ion Ratio	Lower	Upper	
164	100		
166	123.8	100.1	150.1
129	90.4	77.6	116.4
131	85.5	76.6	114.8

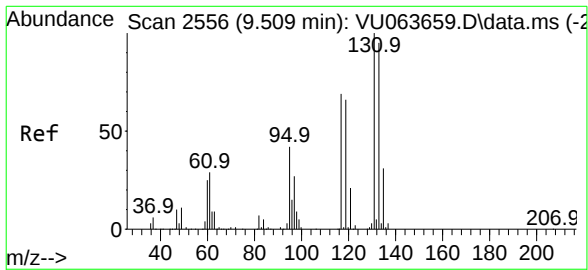
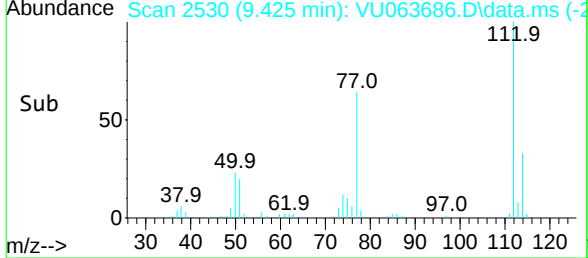
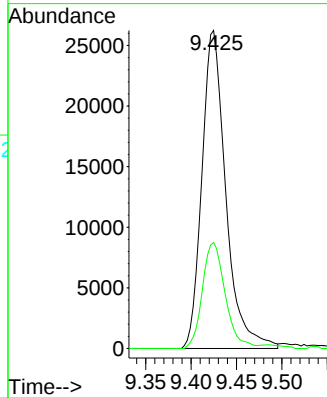
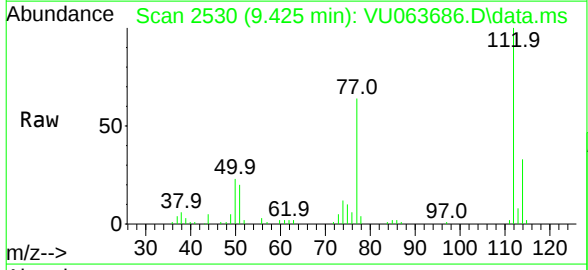




#59
Chlorobenzene
Concen: 0.963 ug/l
RT: 9.425 min Scan# 2529
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

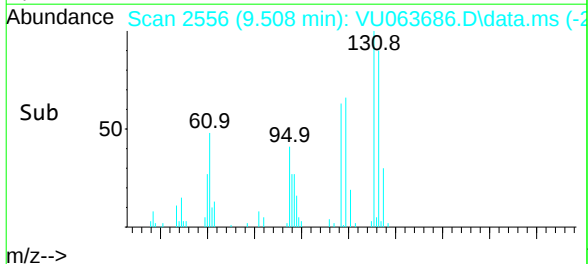
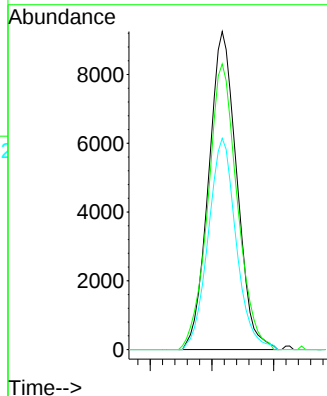
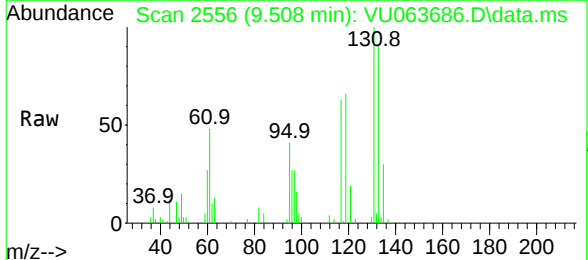
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

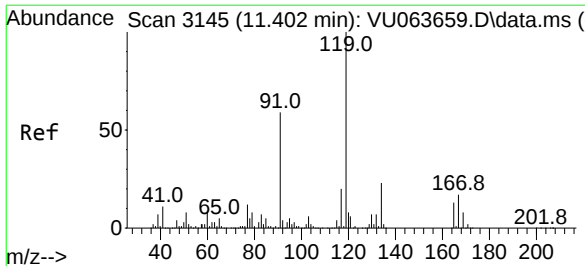
Tgt Ion:112 Resp: 48057
Ion Ratio Lower Upper
112 100
114 33.3 26.0 39.0



#60
1,1,1,2-Tetrachloroethane
Concen: 0.840 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:131 Resp: 14675
Ion Ratio Lower Upper
131 100
133 93.1 77.0 115.6
119 65.7 52.8 79.2

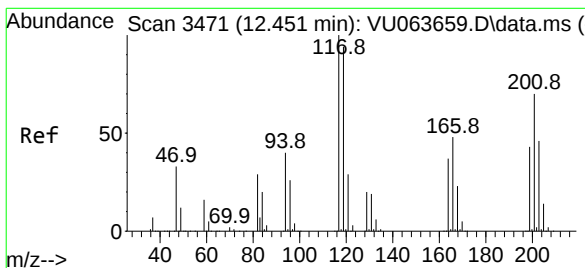
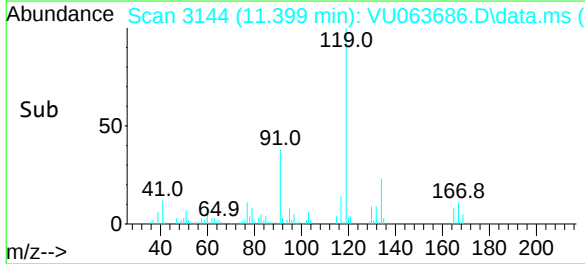
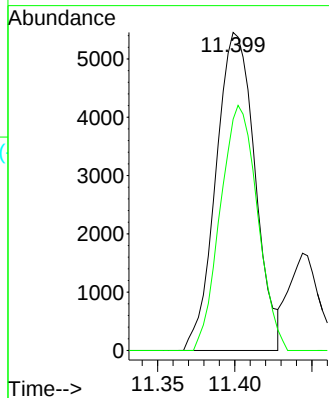
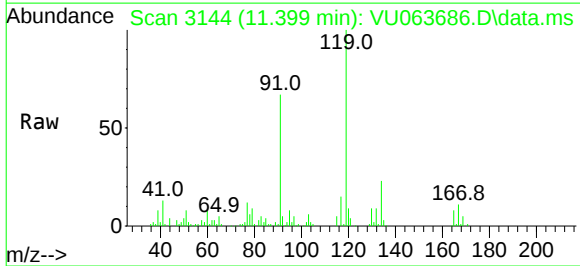




#61
Pentachloroethane
Concen: 0.792 ug/l
RT: 11.399 min Scan# 3144
Delta R.T. -0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

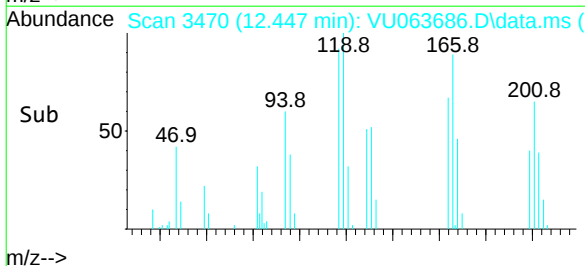
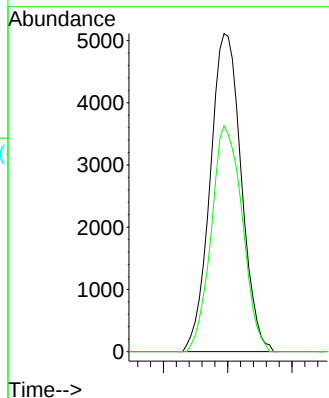
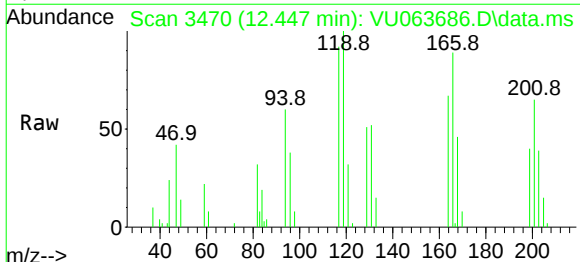
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

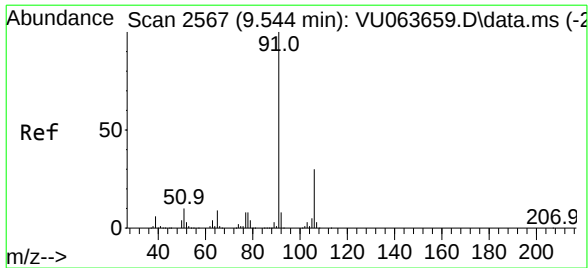
Tgt Ion:117 Resp: 9607
Ion Ratio Lower Upper
117 100
167 73.4 62.8 94.2



#62
Hexachloroethane
Concen: 0.646 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. -0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:117 Resp: 8583
Ion Ratio Lower Upper
117 100
201 70.7 56.3 84.5

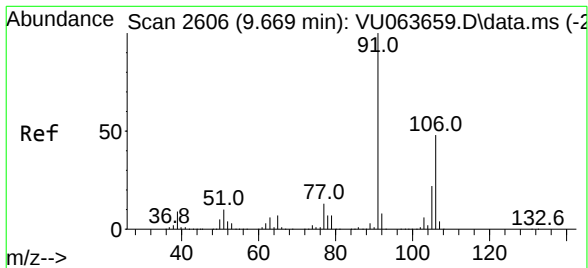
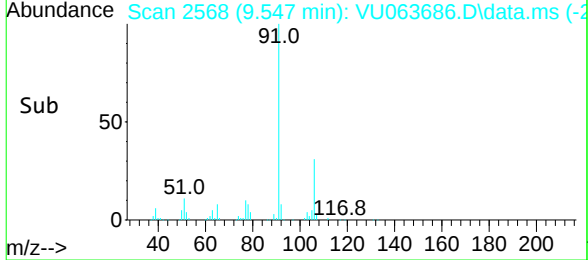
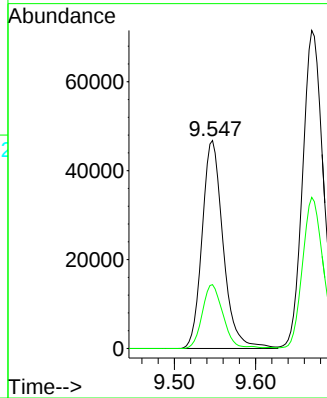
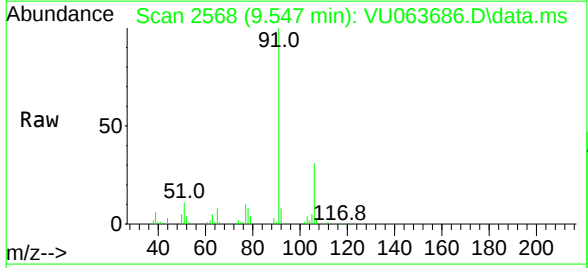




#63
Ethyl Benzene
Concen: 0.932 ug/l
RT: 9.547 min Scan# 2568
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

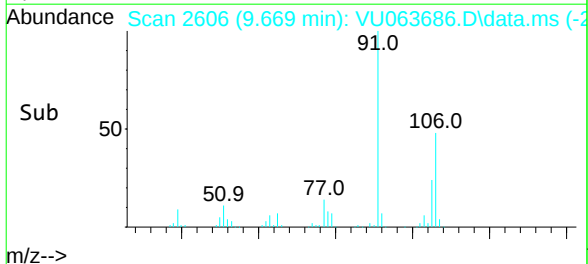
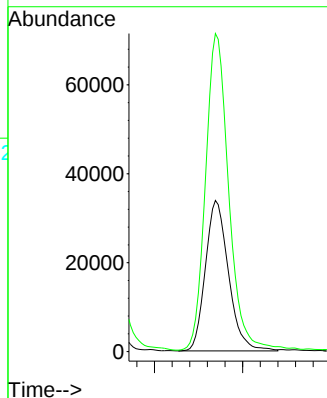
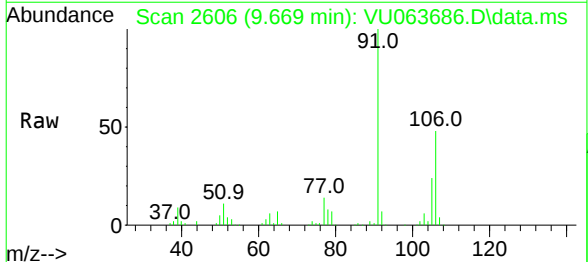
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

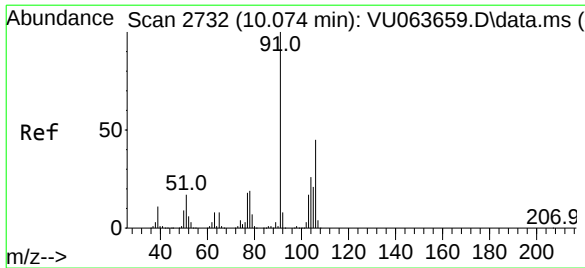
Tgt Ion: 91 Resp: 84289
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1



#64
m/p-Xylenes
Concen: 1.828 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:106 Resp: 61707
Ion Ratio Lower Upper
106 100
91 211.3 167.0 250.4





#65

o-Xylene

Concen: 0.954 ug/l

RT: 10.077 min Scan# 2732

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

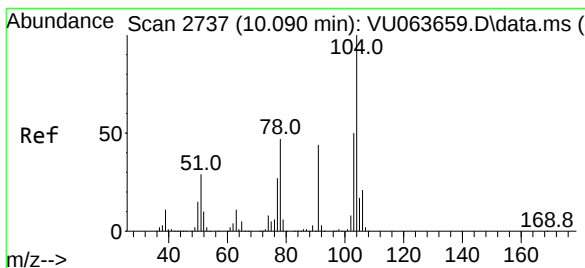
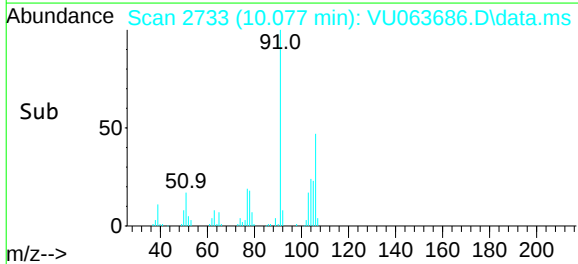
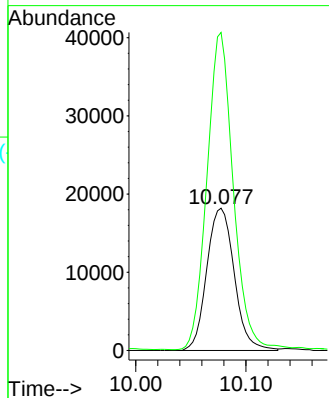
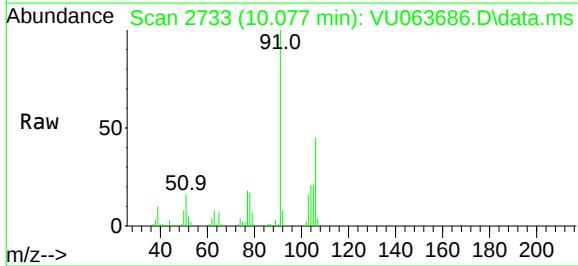
LOQ-WATER-02-QT4-2025

Tgt Ion:106 Resp: 31558

Ion Ratio Lower Upper

106 100

91 213.1 109.3 327.9



#66

Styrene

Concen: 0.928 ug/l

RT: 10.094 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

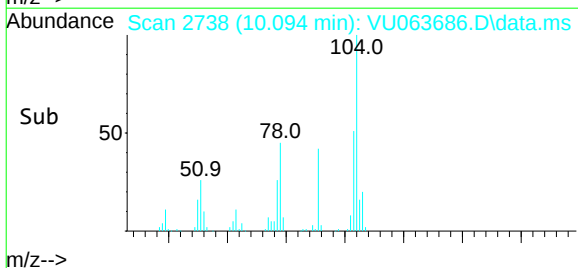
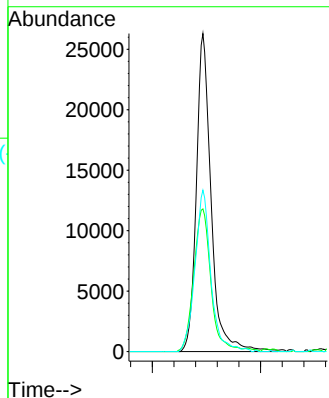
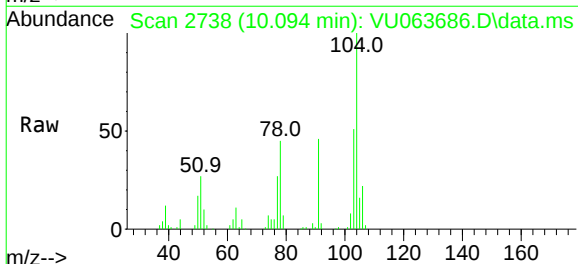
Tgt Ion:104 Resp: 49777

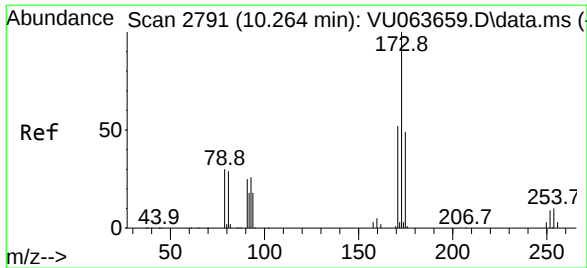
Ion Ratio Lower Upper

104 100

78 52.0 42.8 64.2

103 54.4 43.9 65.9





#67

Bromoform

Concen: 0.681 ug/l

RT: 10.267 min Scan# 27

Delta R.T. 0.003 min

Lab File: VU063686.D

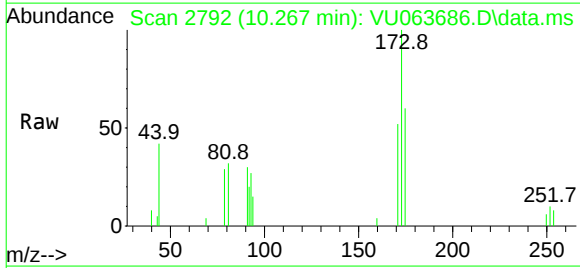
Acq: 07 Nov 2025 14:58

Instrument :

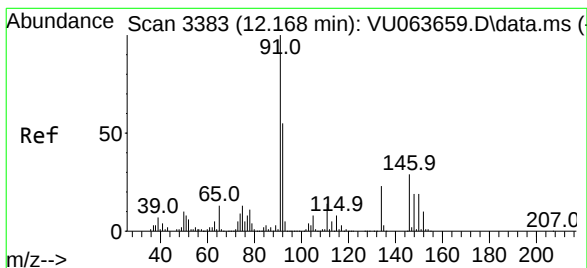
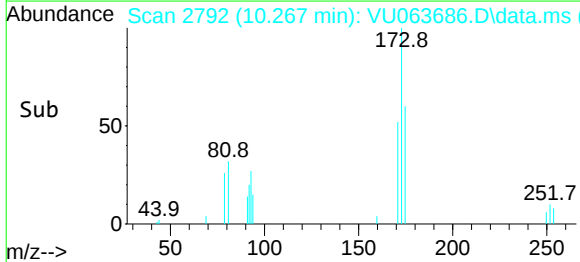
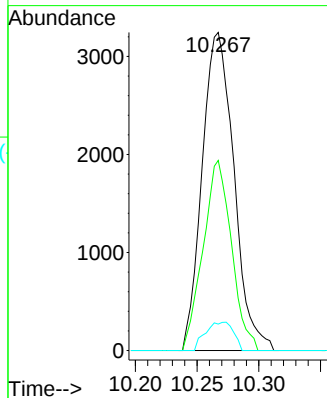
MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025



Tgt Ion:	173	Resp:	5813
Ion Ratio	Lower	Upper	
173	100		
175	53.3	39.0	58.4
254	7.8	7.4	11.0



#68

1,2-Dichlorobenzene-d4

Concen: 0.984 ug/l

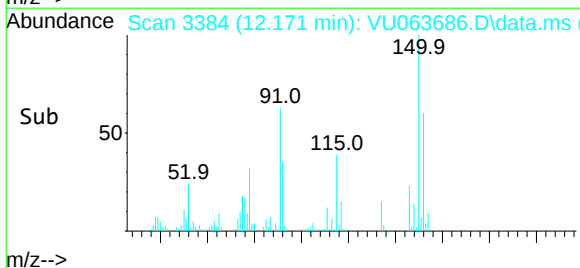
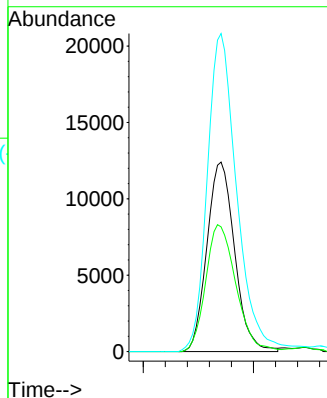
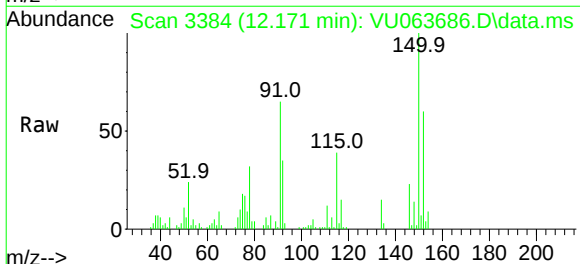
RT: 12.171 min Scan# 3384

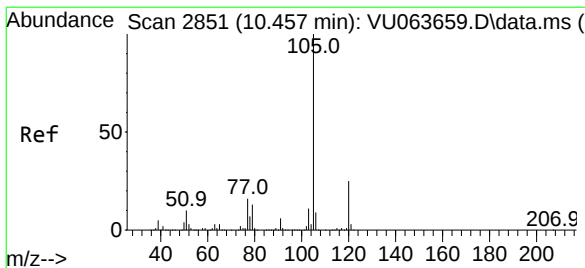
Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Tgt Ion:	152	Resp:	21659
Ion Ratio	Lower	Upper	
152	100		
115	72.9	0.0	247.2
150	179.9	0.0	643.6





#69

Isopropylbenzene

Concen: 0.938 ug/l

RT: 10.460 min Scan# 28

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

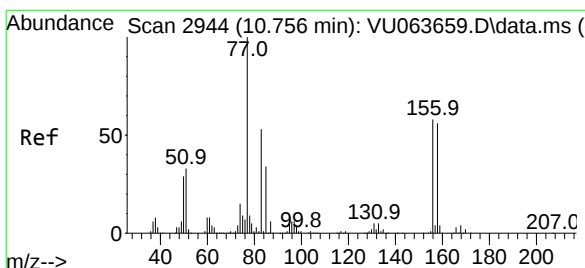
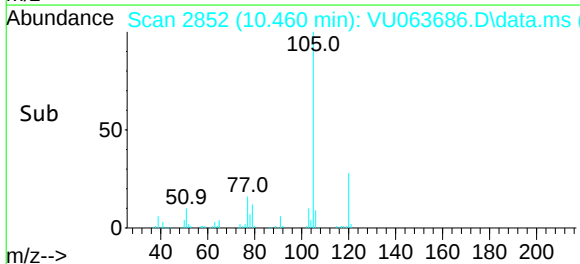
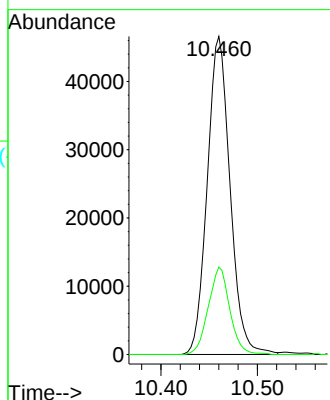
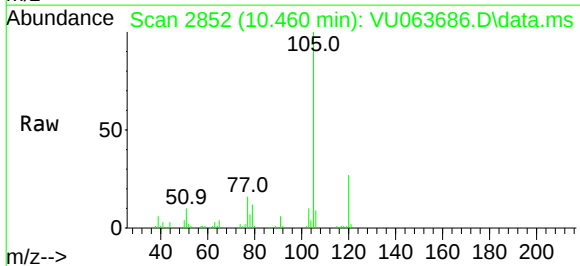
LOQ-WATER-02-QT4-2025

Tgt Ion:105 Resp: 76591

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.936 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

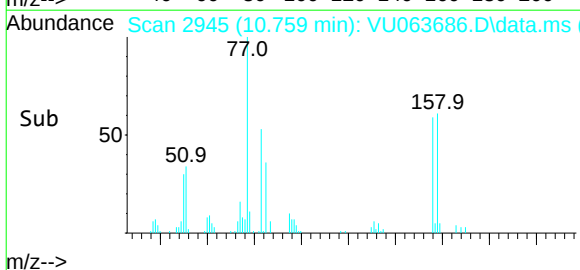
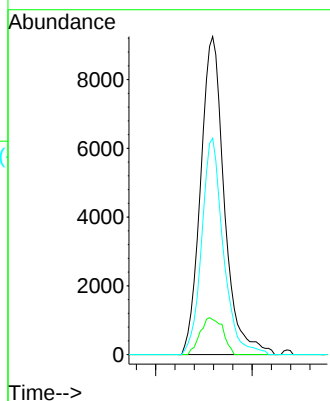
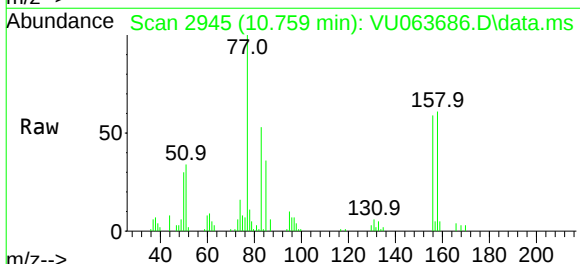
Tgt Ion: 83 Resp: 15785

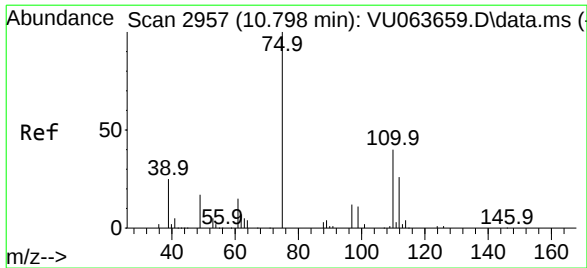
Ion Ratio Lower Upper

83 100

131 11.1 8.1 12.1

85 62.1 51.0 76.6





#71

1,2,3-Trichloropropane

Concen: 1.096 ug/l

RT: 10.801 min Scan# 29

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 75 Resp: 16092

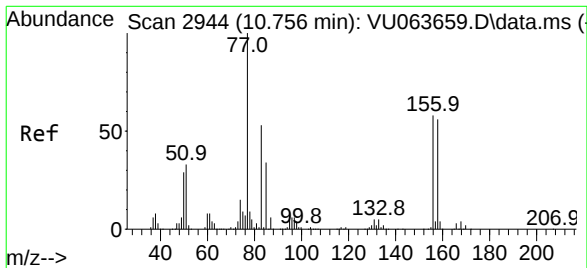
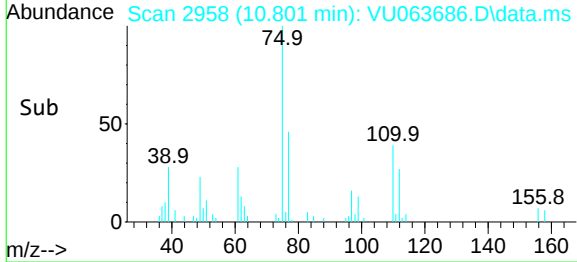
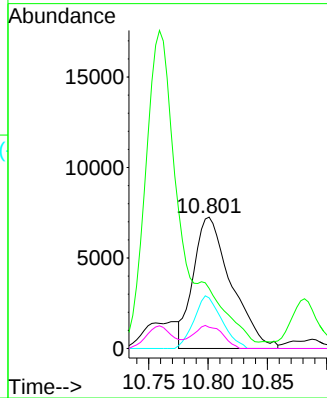
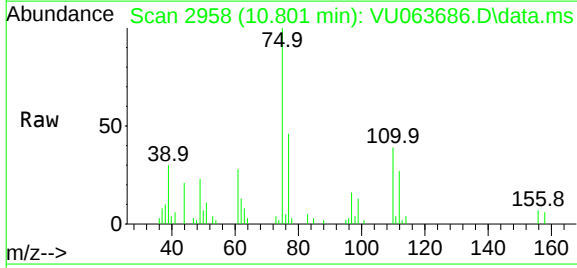
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 29.3 0.0 66.4

97 13.5 0.0 33.2



#72

Bromobenzene

Concen: 0.956 ug/l

RT: 10.762 min Scan# 2946

Delta R.T. 0.006 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

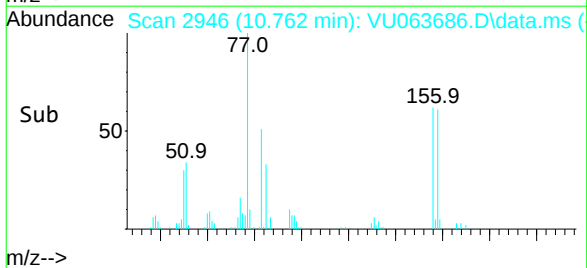
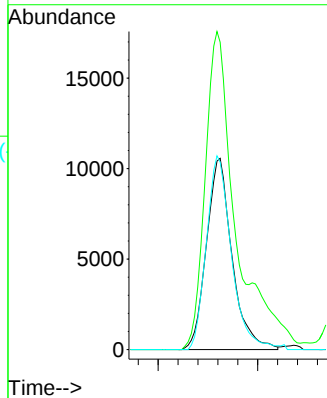
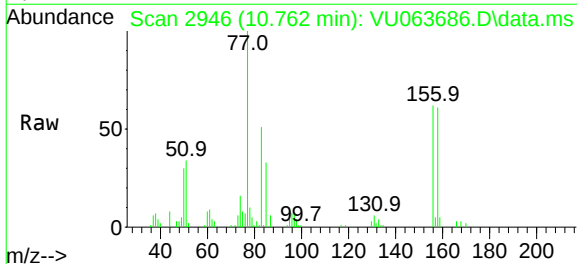
Tgt Ion:156 Resp: 18890

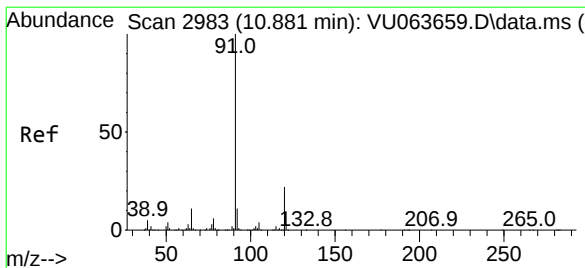
Ion Ratio Lower Upper

156 100

77 199.1 0.0 337.2

158 99.3 0.0 191.8





#73

n-propylbenzene

Concen: 0.914 ug/l

RT: 10.884 min Scan# 29

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

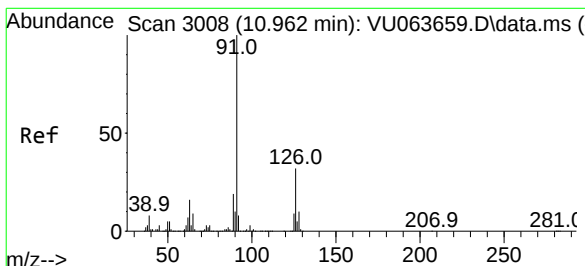
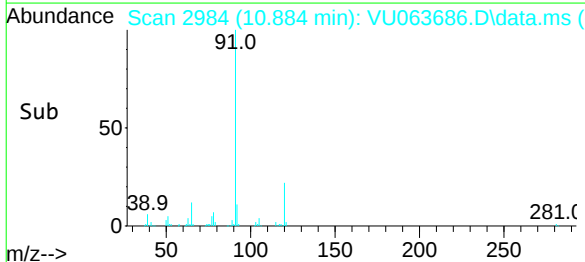
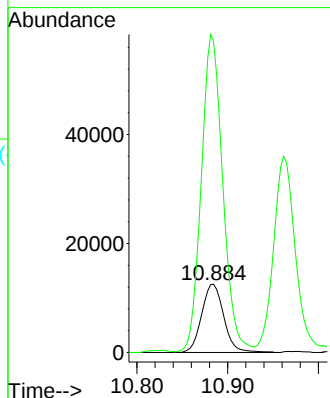
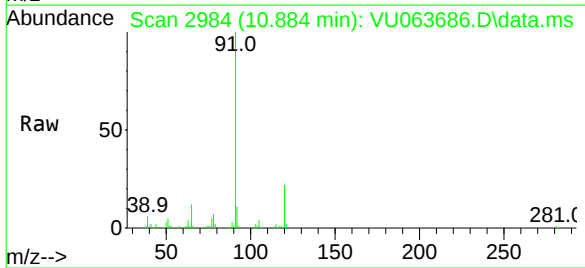
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Tgt Ion:120 Resp: 21207

Ion Ratio Lower Upper

120 100

91 451.1 361.4 542.2



#74

2-Chlorotoluene

Concen: 0.948 ug/l

RT: 10.962 min Scan# 3008

Delta R.T. -0.000 min

Lab File: VU063686.D

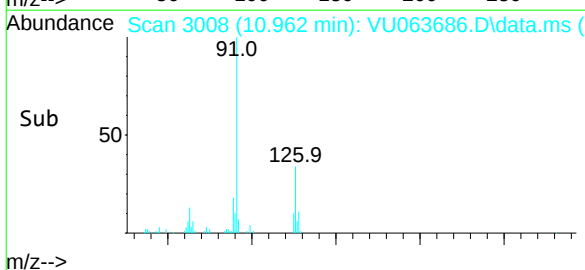
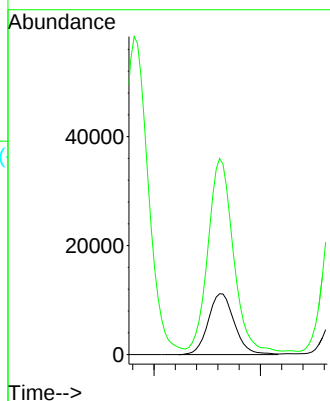
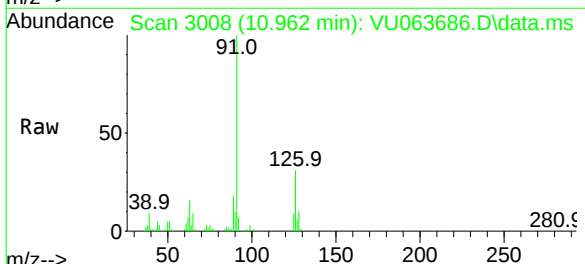
Acq: 07 Nov 2025 14:58

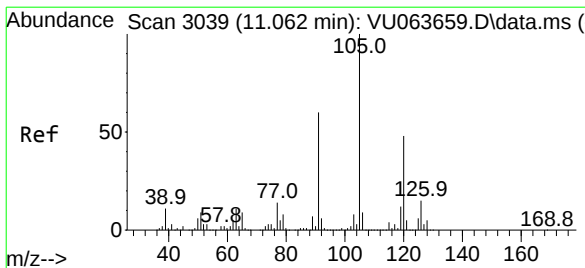
Tgt Ion:126 Resp: 19070

Ion Ratio Lower Upper

126 100

91 305.0 0.0 634.8





#75

1,3,5-Trimethylbenzene

Concen: 0.917 ug/l

RT: 11.065 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

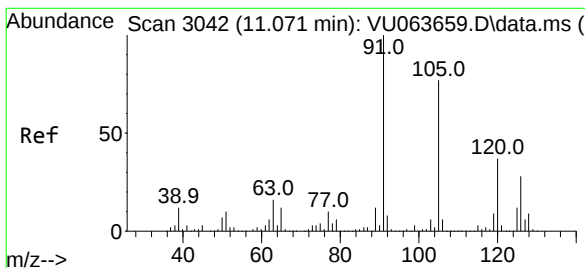
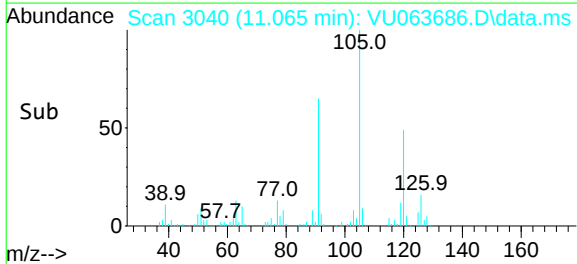
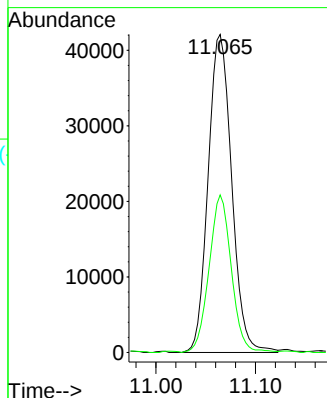
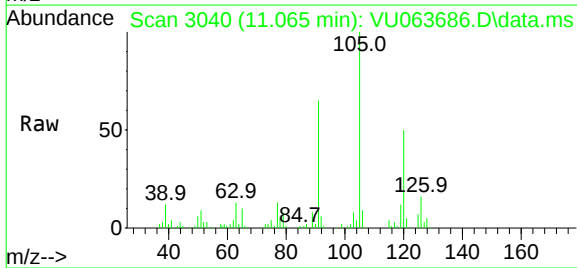
LOQ-WATER-02-QT4-2025

Tgt Ion:105 Resp: 69250

Ion Ratio Lower Upper

105 100

120 46.8 38.2 57.2



#76

4-Chlorotoluene

Concen: 0.989 ug/l

RT: 11.074 min Scan# 3043

Delta R.T. 0.003 min

Lab File: VU063686.D

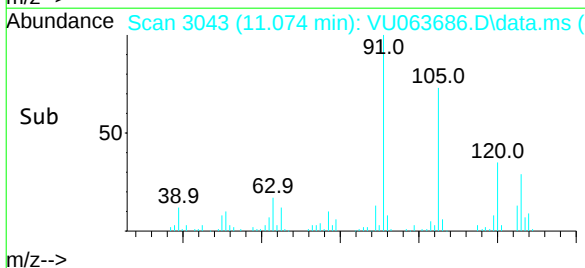
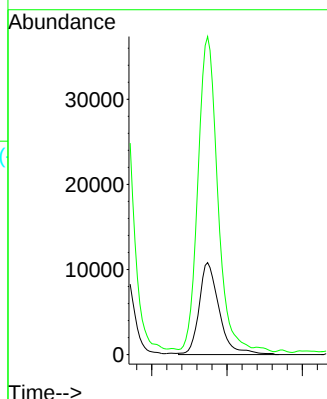
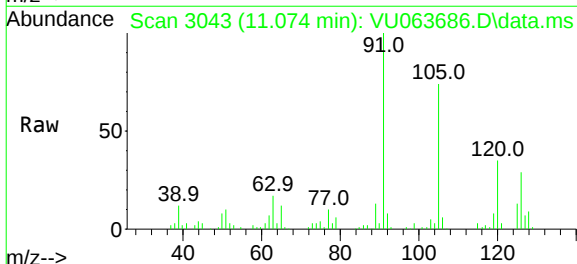
Acq: 07 Nov 2025 14:58

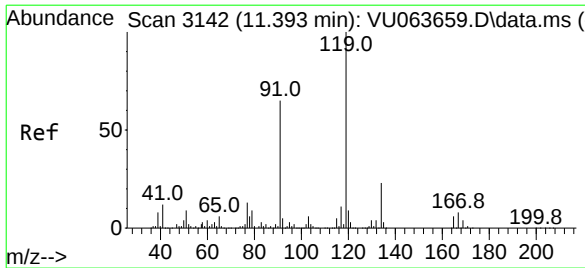
Tgt Ion:126 Resp: 19976

Ion Ratio Lower Upper

126 100

91 329.2 0.0 716.6





#77

tert-Butylbenzene

Concen: 0.912 ug/l

RT: 11.393 min Scan# 3142

Delta R.T. -0.000 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

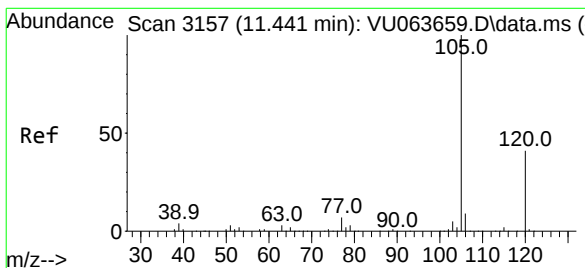
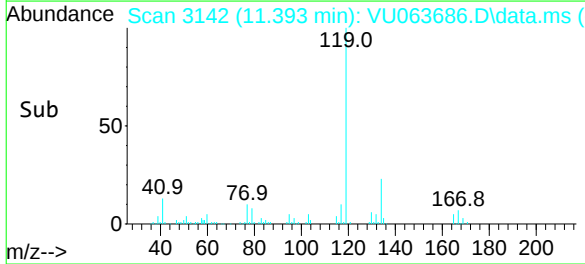
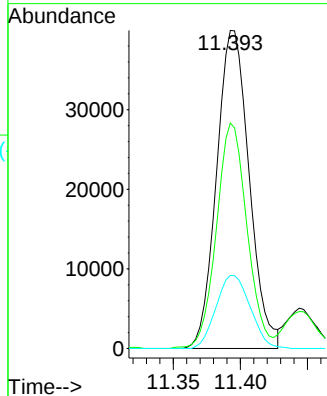
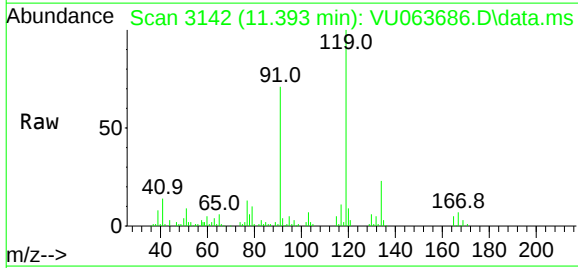
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:	119	Resp:	67486
Ion Ratio	Lower	Upper	
119	100		
91	66.5	31.3	93.8
134	24.0	18.7	28.1



#78

1,2,4-Trimethylbenzene

Concen: 0.904 ug/l

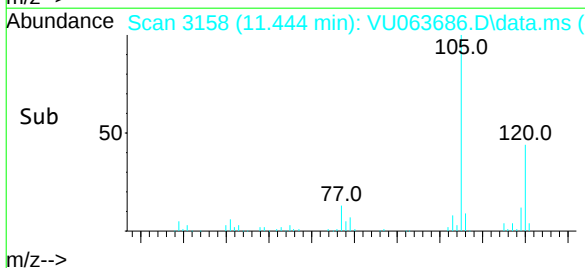
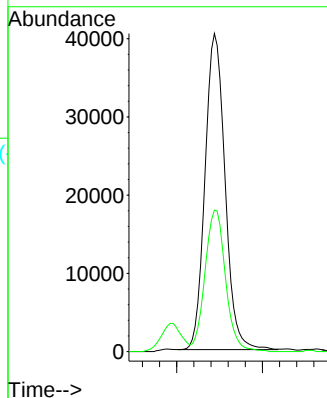
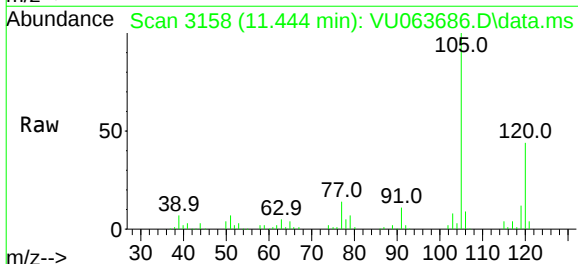
RT: 11.444 min Scan# 3158

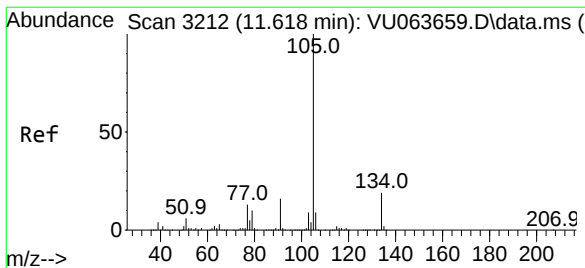
Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Tgt Ion:	105	Resp:	65550
Ion Ratio	Lower	Upper	
105	100		
120	46.1	22.4	67.0





#79

sec-Butylbenzene

Concen: 0.927 ug/l

RT: 11.618 min Scan# 3212

Delta R.T. -0.000 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

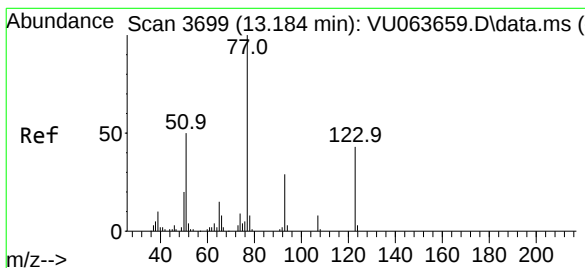
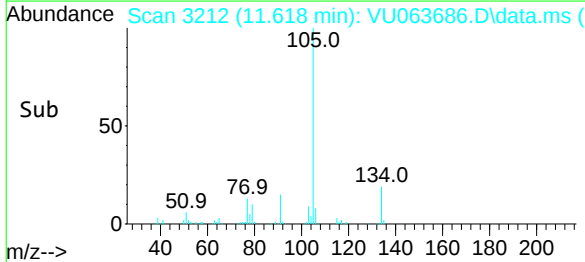
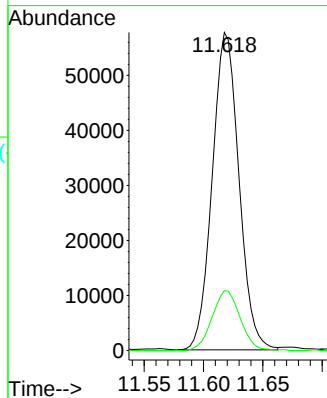
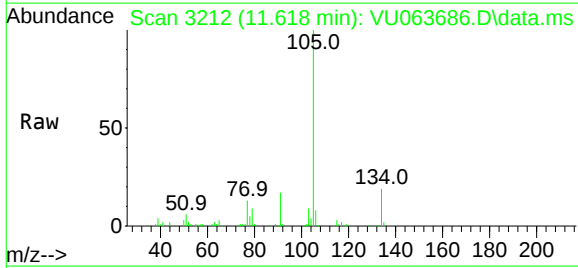
LOQ-WATER-02-QT4-2025

Tgt Ion:105 Resp: 90206

Ion Ratio Lower Upper

105 100

134 19.8 15.7 23.5



#80

Nitrobenzene

Concen: 1.552 ug/l

RT: 13.196 min Scan# 3703

Delta R.T. 0.013 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

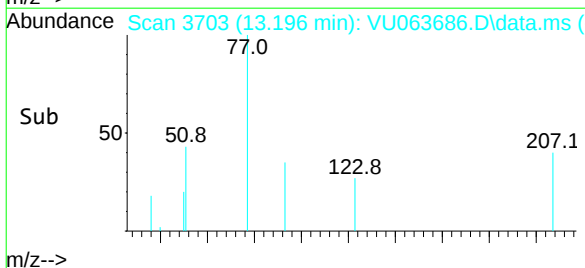
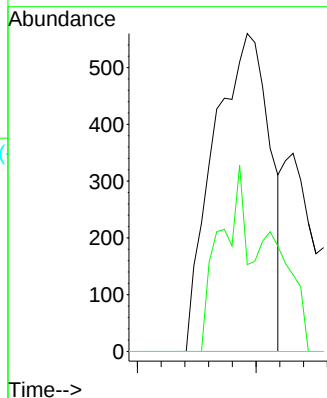
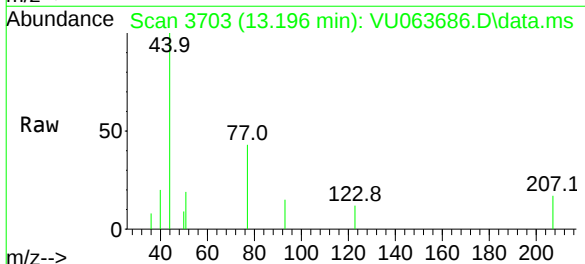
Tgt Ion: 77 Resp: 921

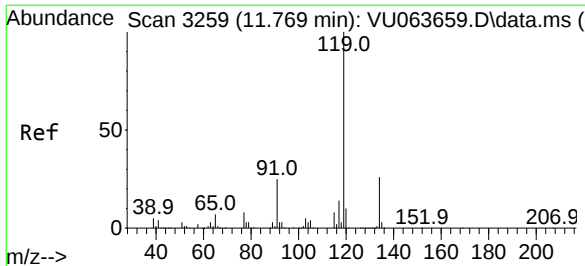
Ion Ratio Lower Upper

77 100

123 17.9 18.2 64.4#

65 0.0 13.6 17.2#

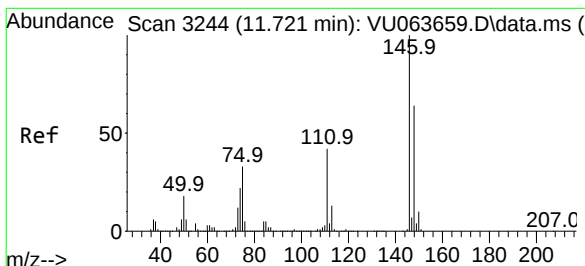
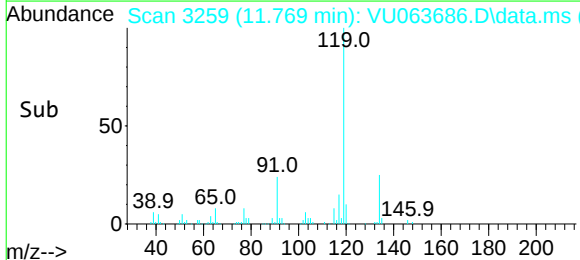
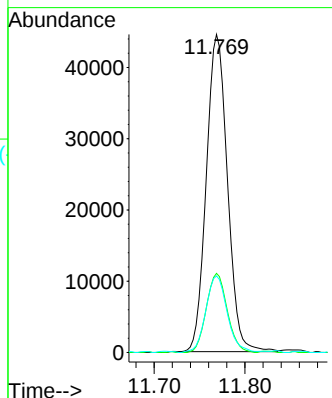
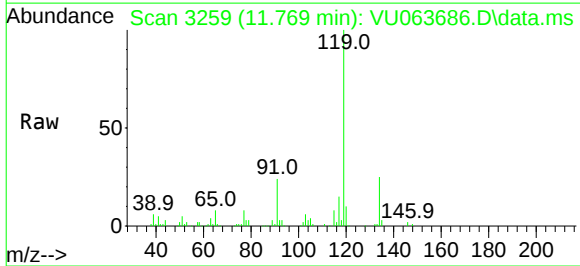




#81
p-Isopropyltoluene
Concen: 0.905 ug/l
RT: 11.769 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

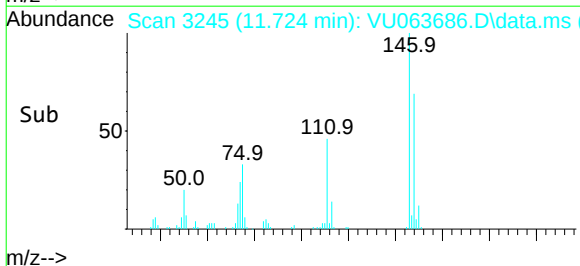
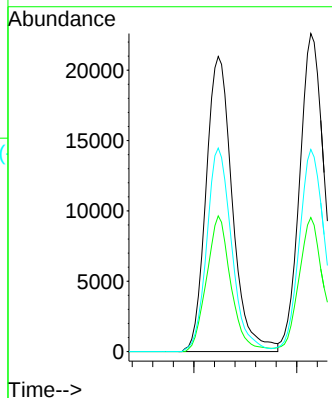
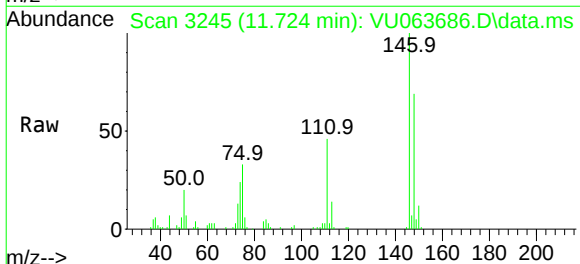
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

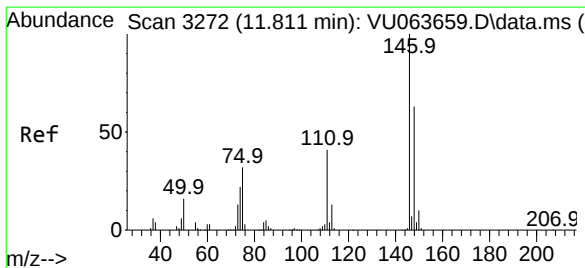
Tgt Ion:	119	Resp:	72097
Ion	Ratio	Lower	Upper
119	100		
134	24.5	20.3	30.5
91	24.4	20.1	30.1



#82
1,3-Dichlorobenzene
Concen: 0.975 ug/l
RT: 11.724 min Scan# 3245
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	146	Resp:	37306
Ion	Ratio	Lower	Upper
146	100		
111	42.5	33.8	50.8
148	65.3	50.8	76.2





#83

1,4-Dichlorobenzene

Concen: 1.053 ug/l

RT: 11.814 min Scan# 3272

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

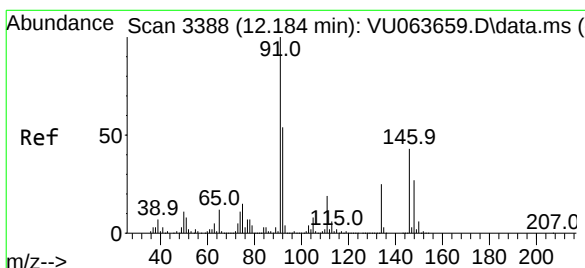
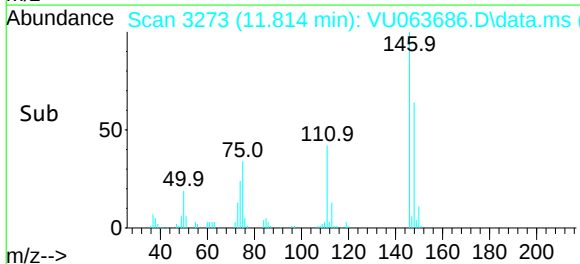
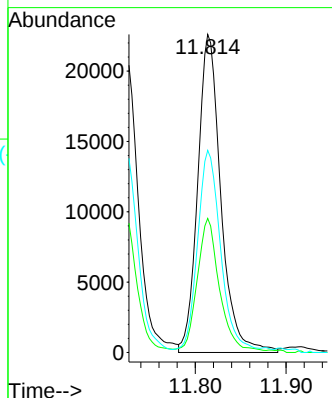
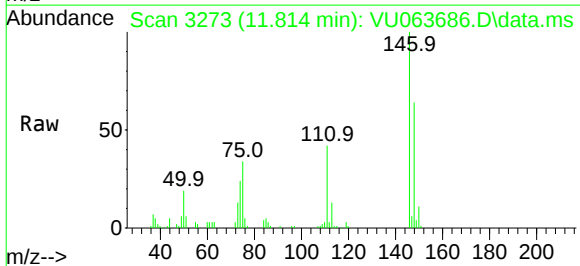
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:	146	Resp:	40016
Ion	Ratio	Lower	Upper
146	100		
111	39.5	33.0	49.4
148	61.6	50.6	76.0



#84

n-Butylbenzene

Concen: 0.906 ug/l

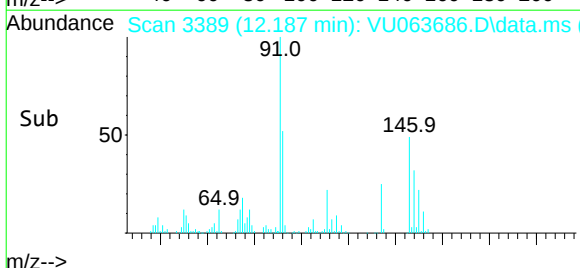
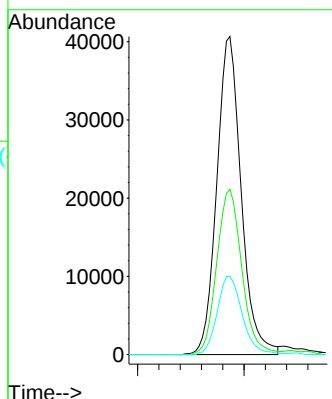
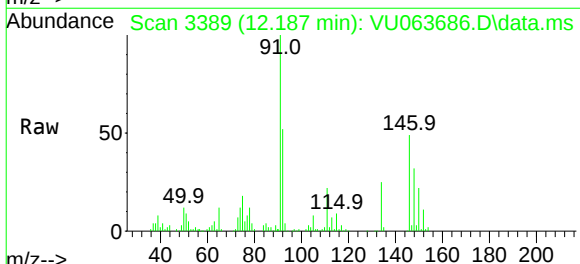
RT: 12.187 min Scan# 3389

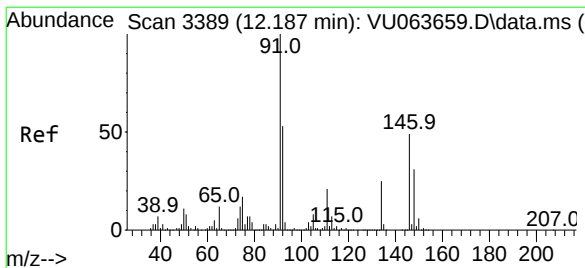
Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Tgt Ion:	91	Resp:	64753
Ion	Ratio	Lower	Upper
91	100		
92	53.5	43.1	64.7
134	25.2	19.7	29.5





#85

1,2-Dichlorobenzene

Concen: 0.992 ug/l

RT: 12.190 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

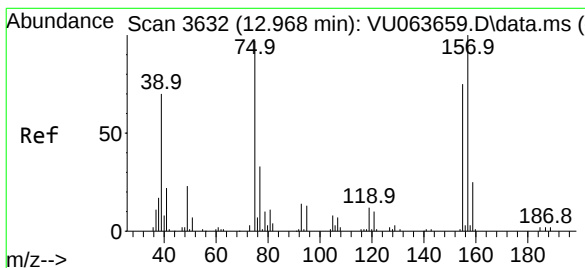
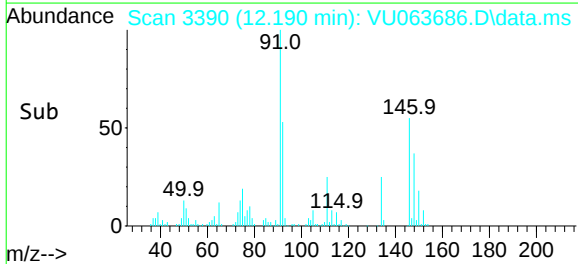
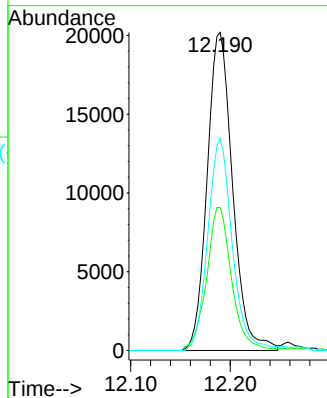
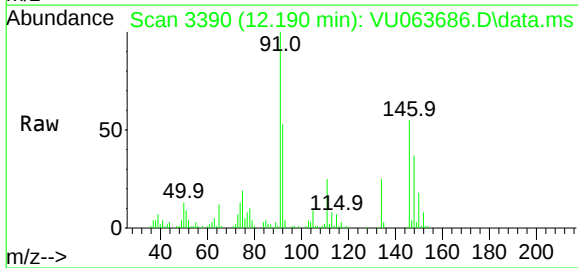
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:146 Resp: 35888
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.2 66.6
 148 64.5 31.9 95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.731 ug/l

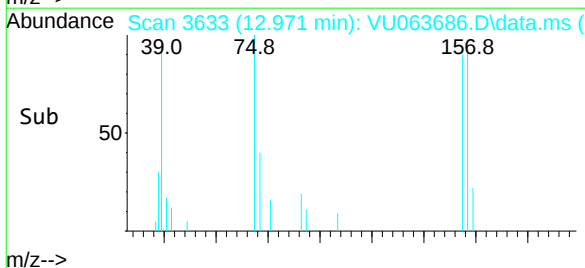
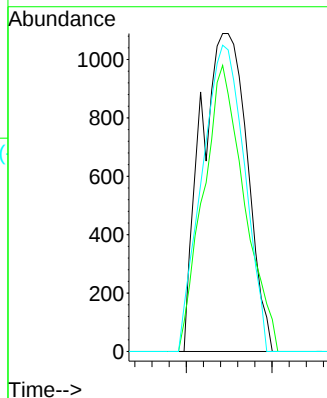
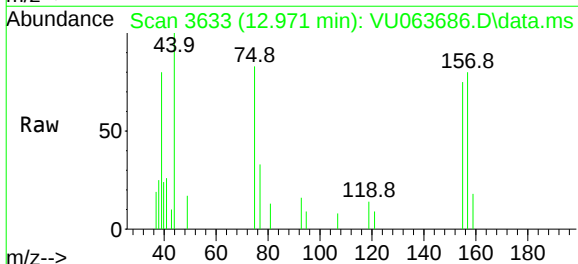
RT: 12.971 min Scan# 3633

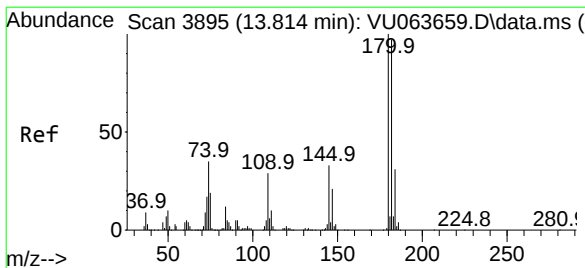
Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Tgt Ion: 75 Resp: 2045
 Ion Ratio Lower Upper
 75 100
 155 79.6 62.2 93.4
 157 88.5 81.3 121.9





#87

1,2,4-Trichlorobenzene

Concen: 0.955 ug/l

RT: 13.817 min Scan# 3895

Delta R.T. 0.003 min

Lab File: VU063686.D

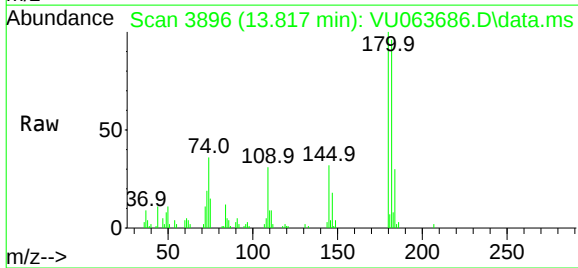
Acq: 07 Nov 2025 14:58

Instrument :

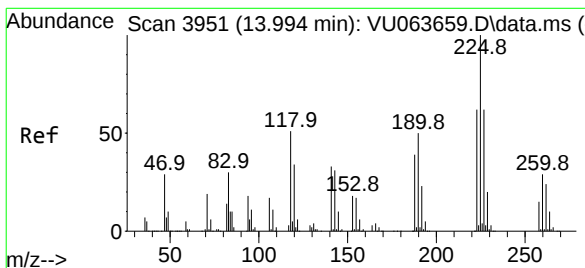
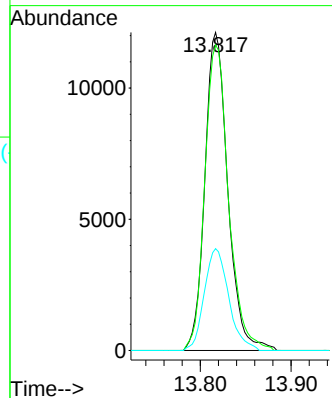
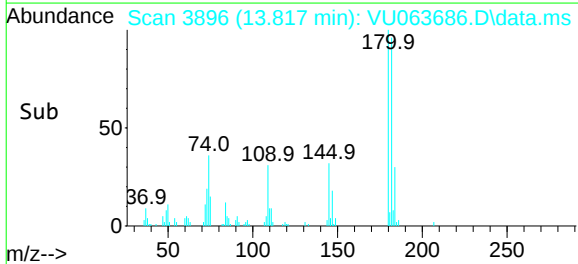
MSVOA_U

ClientSampleId :

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Tgt Ion:	180	Resp:	21291
Ion Ratio	Lower	Upper	
180	100		
182	99.6	76.4	114.6
145	34.1	26.2	39.2



#88

Hexachlorobutadiene

Concen: 0.995 ug/l

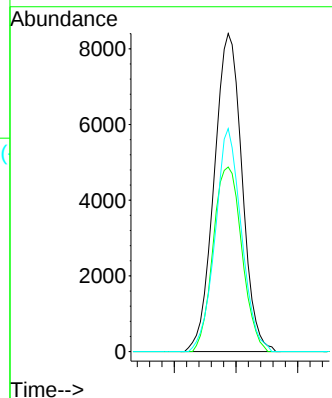
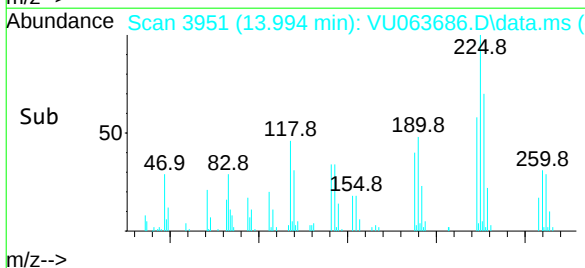
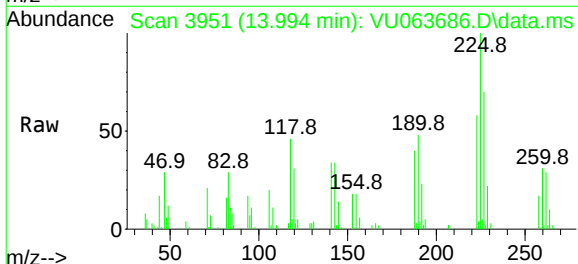
RT: 13.994 min Scan# 3951

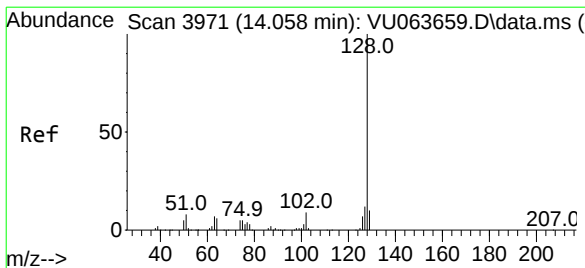
Delta R.T. -0.000 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Tgt Ion:	225	Resp:	13201
Ion Ratio	Lower	Upper	
225	100		
223	59.7	50.2	75.4
227	65.9	50.0	75.0





#89

Naphthalene

Concen: 0.923 ug/l

RT: 14.068 min Scan# 39

Delta R.T. 0.009 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

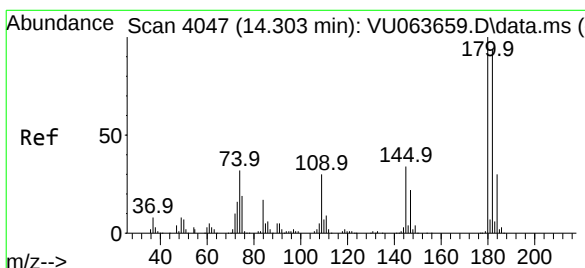
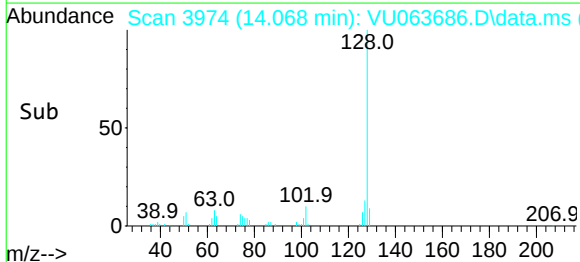
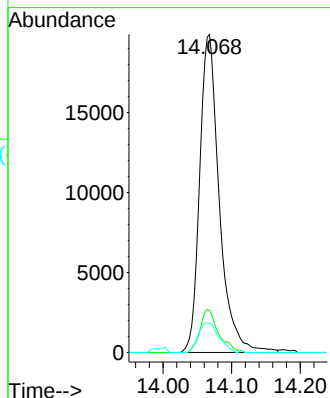
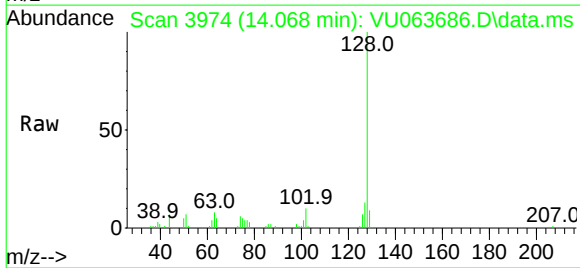
Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:	128	Resp:	39583
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	9.8	8.6	12.8



#90

1,2,3-Trichlorobenzene

Concen: 0.966 ug/l

RT: 14.306 min Scan# 4048

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Tgt Ion:	180	Resp:	19679
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.4	113.0
145	35.3	27.4	41.2

