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 Data File : VU063454.D
 Acq On : 25 Jun 2025 12:31
 Operator : MD/SY
 Sample : Q2126-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: Jun 26 01:54:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 26 01:53:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	47758	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	15500	0.884	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	16620	0.944	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	19314	1.053	ug/l	98
3) Chloromethane	1.518	50	19974	0.827	ug/l	100
4) Vinyl Chloride	1.599	62	16608	0.803	ug/l	98
5) Bromomethane	1.846	94	11178	1.128	ug/l	98
6) Chloroethane	1.923	64	8987	0.733	ug/l	100
7) Trichlorofluoromethane	2.129	101	21458	0.909	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	10747	0.855	ug/l	91
9) 1,1-Dichloroethene	2.567	96	10631	0.848	ug/l	87
10) Iodomethane	2.708	142	7988	0.789	ug/l	98
11) Allyl Chloride	2.907	41	13325	0.597	ug/l	93
12) Acrylonitrile	3.306	53	4541	1.253	ug/l	96
13) Acetone	2.621	43	9826	2.704	ug/l	95
14) Carbon Disulfide	2.776	76	32197	0.736	ug/l	97
15) Methylene Chloride	3.030	84	14613	0.919	ug/l	# 82
16) trans-1,2-Dichloroethene	3.335	96	11608	0.823	ug/l	87
17) 1,1-Dichloroethane	3.849	63	21389	0.722	ug/l	# 93
18) 2-Butanone	4.721	43	20640	4.082	ug/l	97
19) Cyclohexane	5.357	56	23664	1.056	ug/l	99
20) Methylcyclohexane	6.743	83	19329	0.929	ug/l	96
21) 2,2-Dichloropropane	4.640	77	20870	0.991	ug/l	96
22) cis-1,2-Dichloroethene	4.647	96	16115	1.046	ug/l	90
23) Diethyl Ether	2.370	59	8069	0.713	ug/l	87
24) tert-Butyl Alcohol	3.203	59	8866	7.438	ug/l	# 88
25) Methyl tert-Butyl Ether	3.361	73	26065	0.764	ug/l	97
26) Bromochloromethane	4.955	128	6126	1.022	ug/l	91
27) Chloroform	5.071	83	28025	1.009	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	23425	1.040	ug/l	98
29) 1,1-Dichloropropene	5.502	75	22079	1.073	ug/l	97
30) Carbon Tetrachloride	5.499	117	19062	1.060	ug/l	99
31) Isopropyl Ether	3.997	45	30438	0.658	ug/l	94
32) Ethyl-t-butyl ether	4.505	59	38751	0.988	ug/l	98
33) Tert-Amyl methyl ether	5.946	73	27119	0.966	ug/l	98
34) Propionitrile	4.785	54	7445	5.090	ug/l	# 65
35) Benzene	5.759	78	63375	1.018	ug/l	99
36) 1,2-Dichloroethane	5.785	62	18142	0.997	ug/l	98
37) Trichloroethene	6.534	130	15095	1.026	ug/l	95
38) 1,2-Dichloropropane	6.785	63	17301	1.007	ug/l	96
39) Methacrylonitrile	4.975	41	5269	0.866	ug/l	95
40) Methyl acrylate	4.849	55	8065	0.944	ug/l	# 96
41) Tetrahydrofuran	5.068	42	6005	1.834	ug/l	99
42) 1-Chlorobutane	5.438	56	31299	1.072	ug/l	89
43) Dibromomethane	6.910	93	8139	1.014	ug/l	95
44) Bromodichloromethane	7.100	83	19652	1.005	ug/l	95

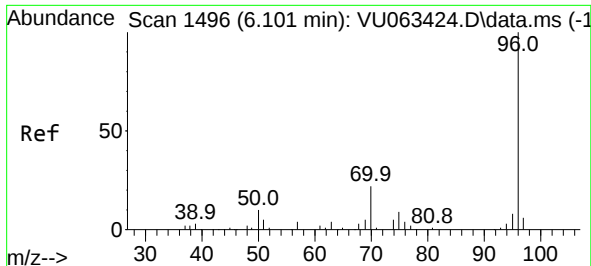
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 26 01:53:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	37508	4.352	ug/l	98
46) t-1,4-Dichloro-2-butene	10.817	75	15372	5.426	ug/l #	48
47) Methyl methacrylate	6.971	69	10575	1.700	ug/l	96
48) Ethyl methacrylate	8.338	69	10029	0.900	ug/l	93
49) Toluene	7.962	92	31315	0.917	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	12870	0.912	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	18133	0.957	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	12487	1.064	ug/l	98
53) 1,3-Dichloropropane	8.573	76	19830	0.982	ug/l	97
54) 2-Hexanone	8.695	43	23923	4.137	ug/l	94
55) Dibromochloromethane	8.804	129	11748	0.970	ug/l	97
56) 1,2-Dibromoethane	8.920	107	9041	0.950	ug/l	95
58) Tetrachloroethene	8.544	164	14810	1.027	ug/l	98
59) Chlorobenzene	9.444	112	35039	0.958	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.524	131	13075	0.993	ug/l	98
61) Pentachloroethane	11.418	117	10934	1.019	ug/l	95
62) Hexachloroethane	12.463	117	9561	0.991	ug/l	93
63) Ethyl Benzene	9.563	91	51613	0.880	ug/l	99
64) m/p-Xylenes	9.688	106	38201	1.670	ug/l	98
65) o-Xylene	10.094	106	18857	0.846	ug/l	100
66) Styrene	10.113	104	31047	0.856	ug/l	97
67) Bromoform	10.283	173	6399	0.967	ug/l	96
69) Isopropylbenzene	10.476	105	44545	0.863	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	15342	1.022	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	15372	1.254	ug/l #	90
72) Bromobenzene	10.782	156	13414	0.926	ug/l	90
73) n-propylbenzene	10.901	120	13516	0.863	ug/l	96
74) 2-Chlorotoluene	10.978	126	12620	0.881	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	42102	0.839	ug/l	99
76) 4-Chlorotoluene	11.094	126	13088	0.873	ug/l	97
77) tert-Butylbenzene	11.412	119	41793	0.881	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	42246	0.836	ug/l	97
79) sec-Butylbenzene	11.634	105	58832	0.876	ug/l	99
80) Nitrobenzene	13.225	77	2589	3.785	ug/l #	95
81) p-Isopropyltoluene	11.785	119	45478	0.866	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	28581	0.952	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	28915	0.929	ug/l	98
84) n-Butylbenzene	12.203	91	46765	0.851	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	27917	0.972	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	2026	0.982	ug/l	96
87) 1,2,4-Trichlorobenzene	13.839	180	14633	0.914	ug/l	95
88) Hexachlorobutadiene	14.013	225	11527	1.015	ug/l	97
89) Naphthalene	14.087	128	23772	0.891	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	14322	0.899	ug/l	97

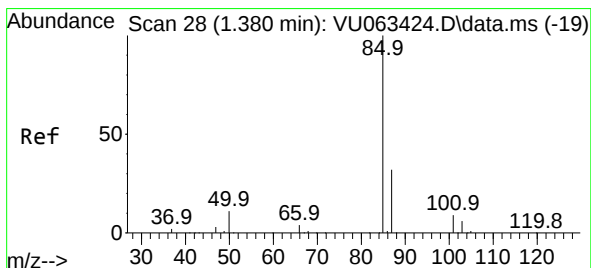
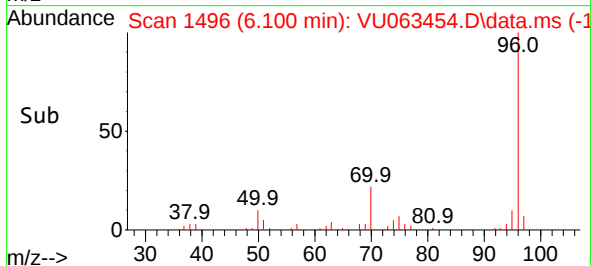
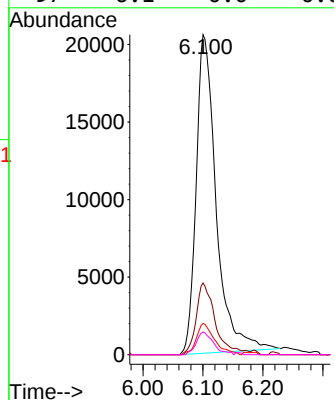
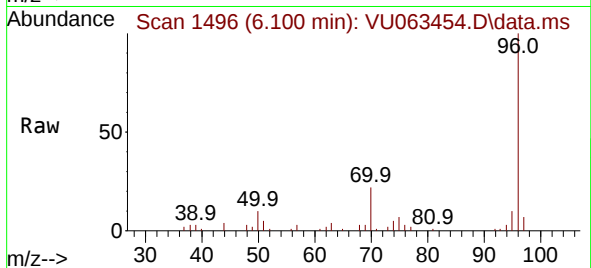
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 14
Delta R.T. -0.001 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

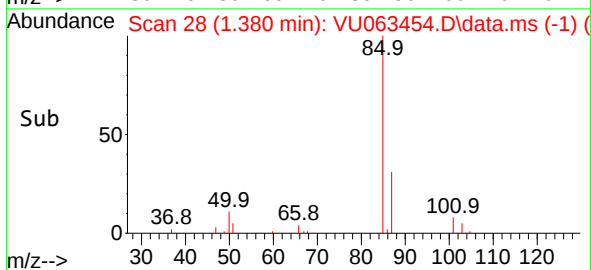
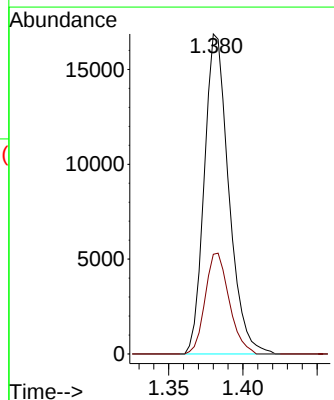
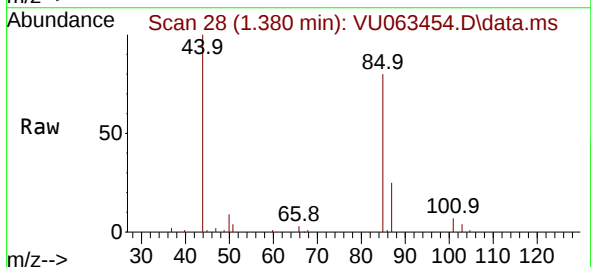
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

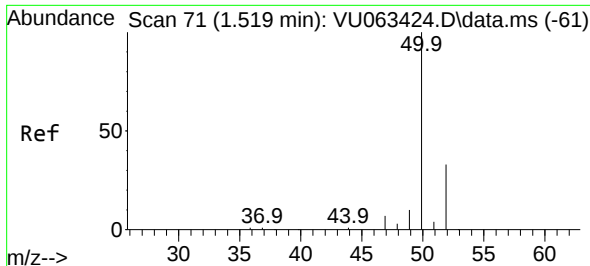
Tgt Ion: 96	Resp: 47758
Ion Ratio	Lower Upper
96 100	
70 20.2	16.4 24.6
95 8.9	6.2 9.2
97 6.1	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.053 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 85	Resp: 19314
Ion Ratio	Lower Upper
85 100	
87 31.2	16.2 48.5

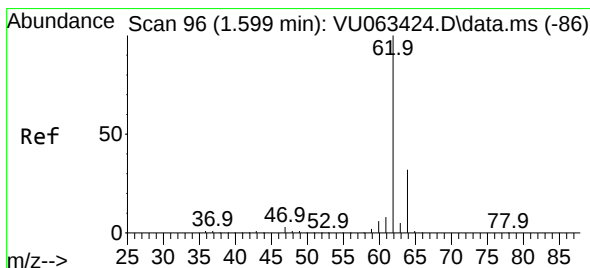
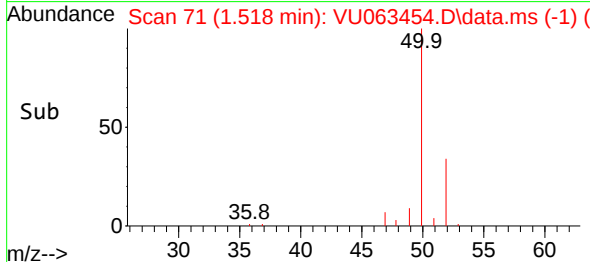
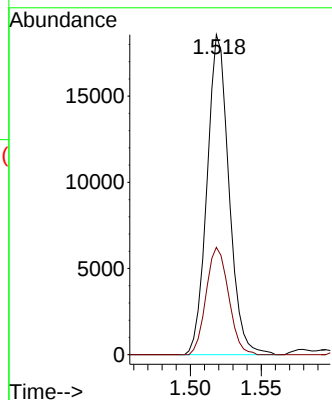
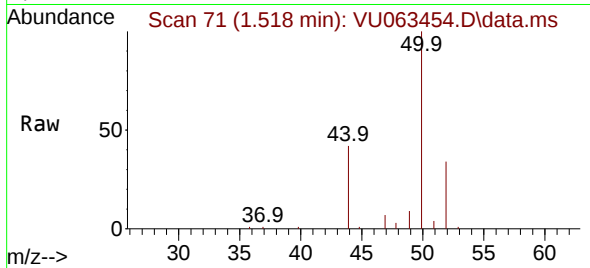




#3
Chloromethane
Concen: 0.827 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

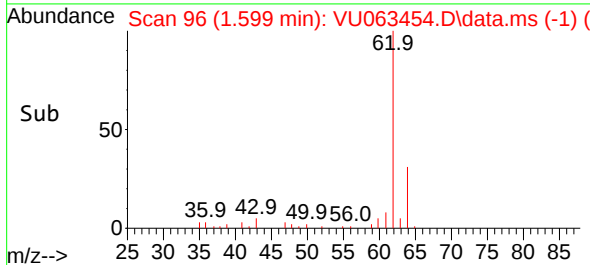
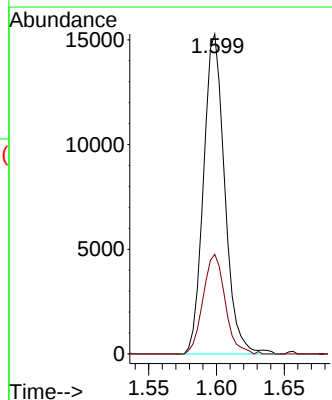
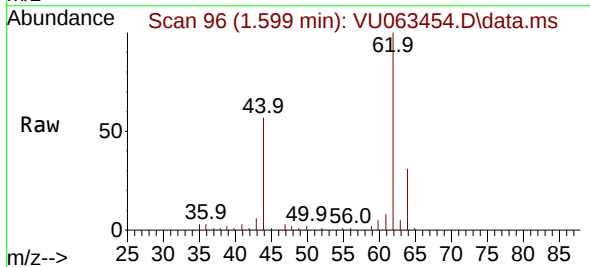
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

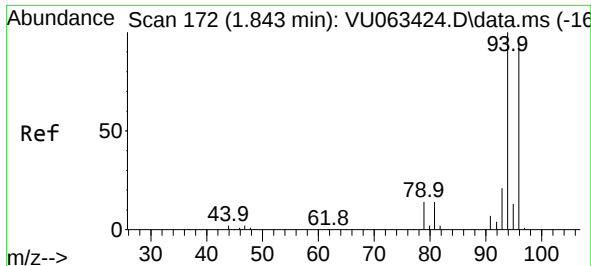
Tgt Ion: 50 Resp: 19974
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0



#4
Vinyl Chloride
Concen: 0.803 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 62 Resp: 16608
Ion Ratio Lower Upper
62 100
64 31.2 25.7 38.5

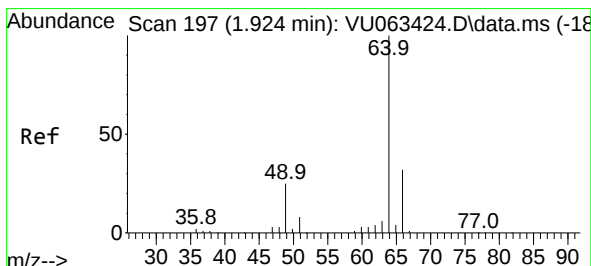
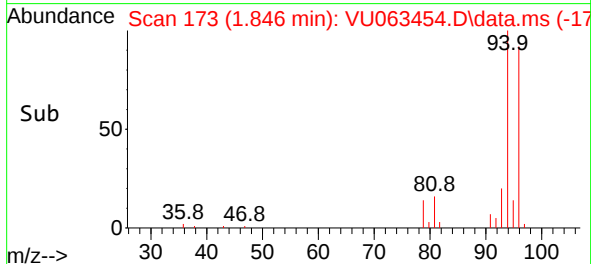
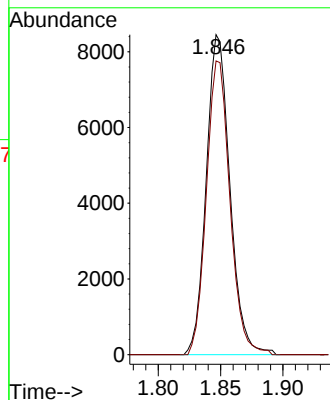
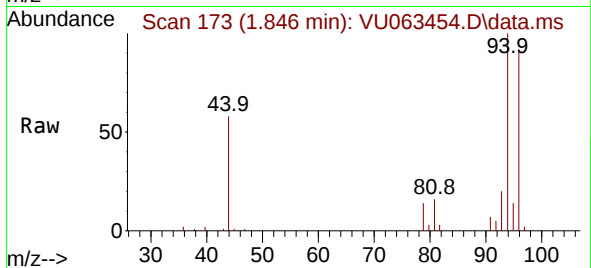




#5
Bromomethane
Concen: 1.128 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

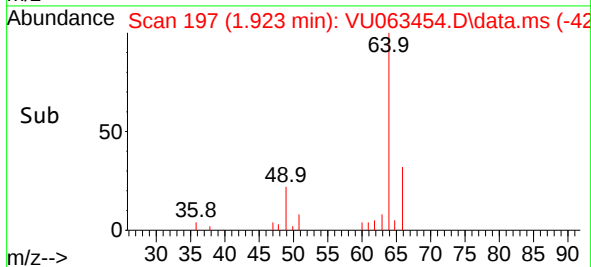
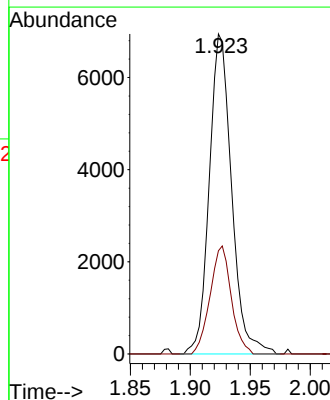
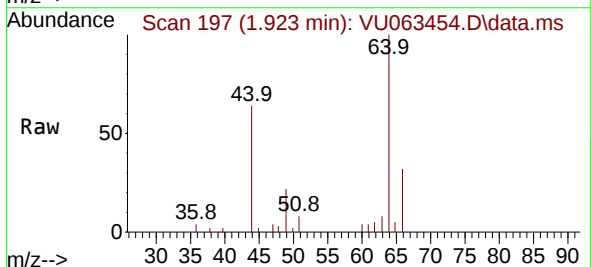
Instrument :
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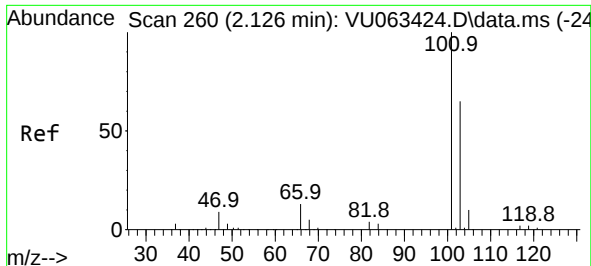
Tgt Ion: 94 Resp: 11178
Ion Ratio Lower Upper
94 100
96 91.8 74.8 112.2



#6
Chloroethane
Concen: 0.733 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 64 Resp: 8987
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5

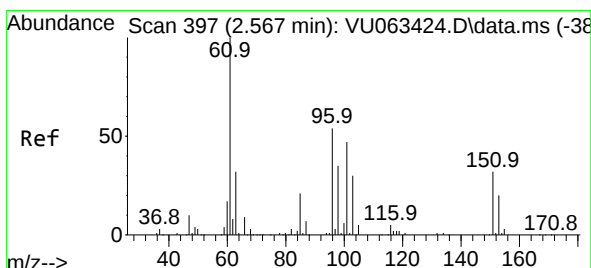
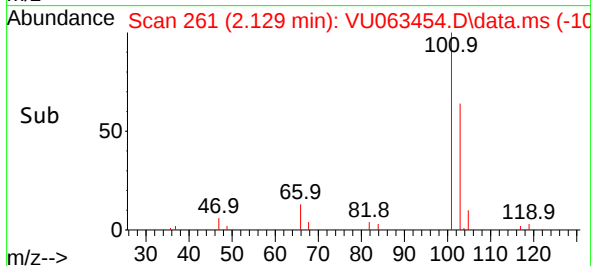
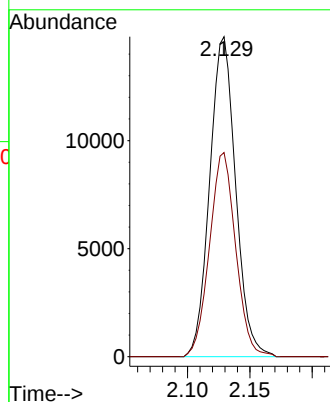
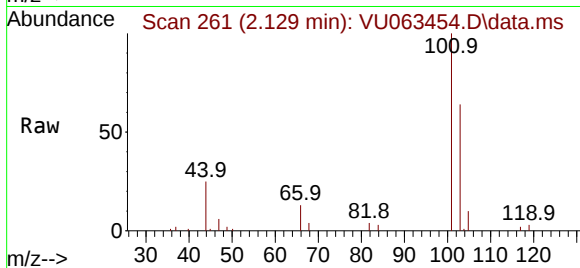




#7
 Trichlorofluoromethane
 Concen: 0.909 ug/l
 RT: 2.129 min Scan# 214
 Delta R.T. 0.003 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

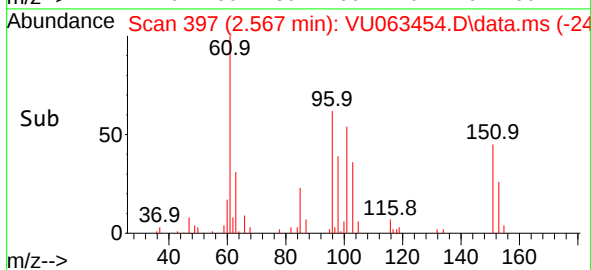
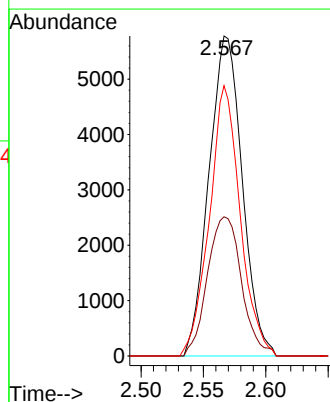
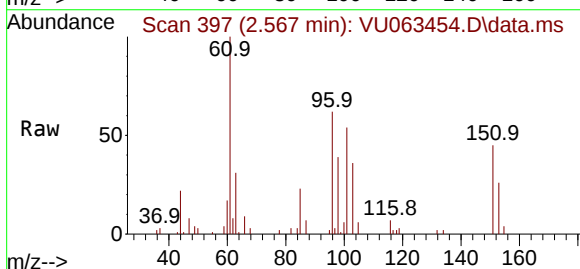
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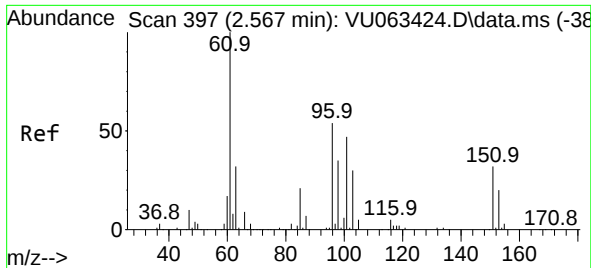
Tgt Ion:101 Resp: 21458
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.855 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

Tgt Ion:101 Resp: 10747
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.7 55.1
 151 78.0 53.9 80.9

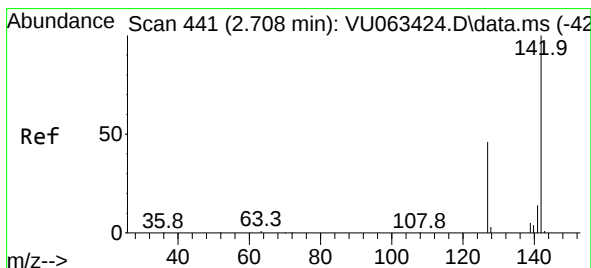
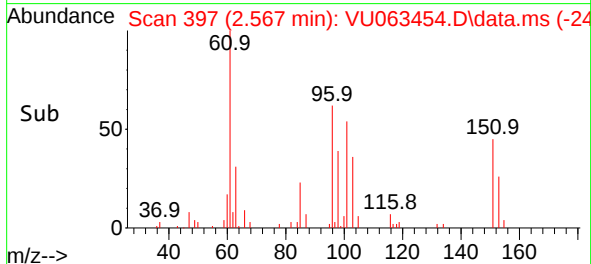
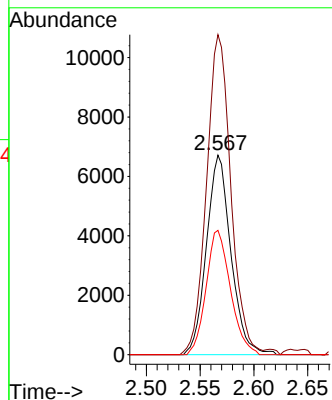
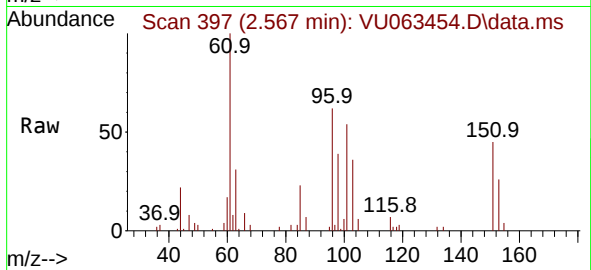




#9
1,1-Dichloroethene
Concen: 0.848 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

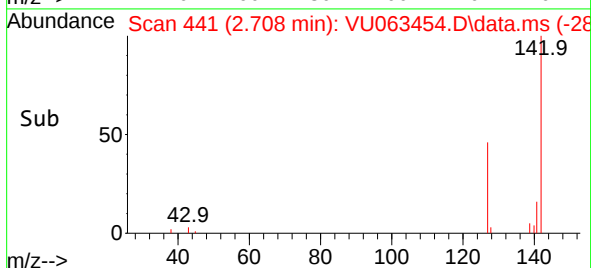
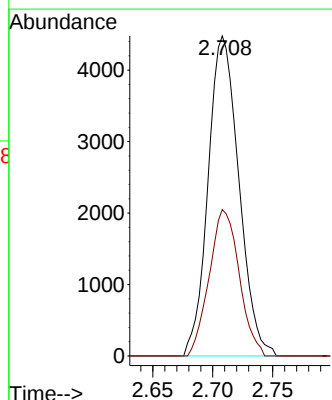
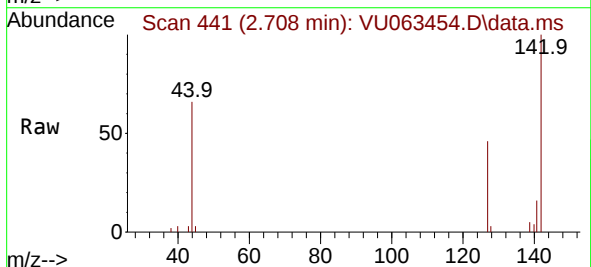
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT2-2025

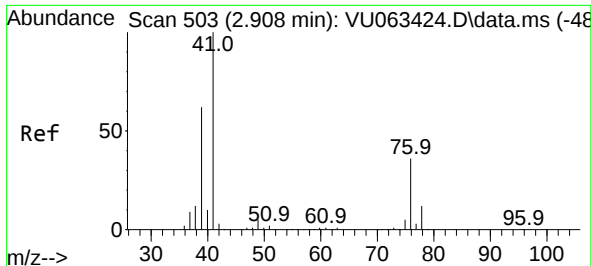
Tgt Ion: 96 Resp: 10631
Ion Ratio Lower Upper
96 100
61 160.3 0.0 552.0
98 62.3 0.0 128.4



#10
Iodomethane
Concen: 0.789 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 142 Resp: 7988
Ion Ratio Lower Upper
142 100
127 44.5 36.9 55.3

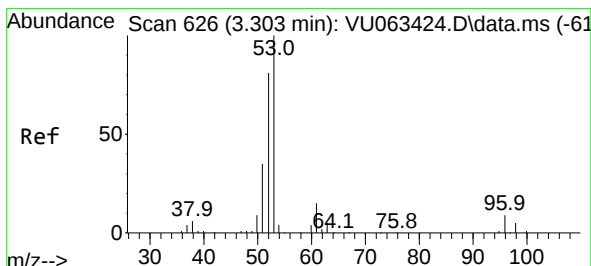
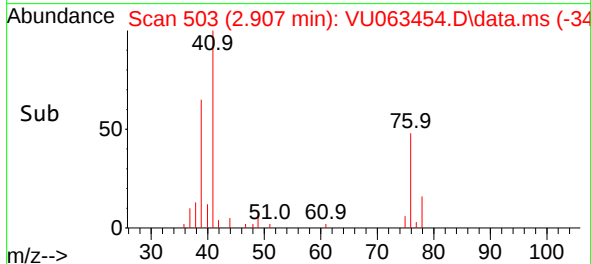
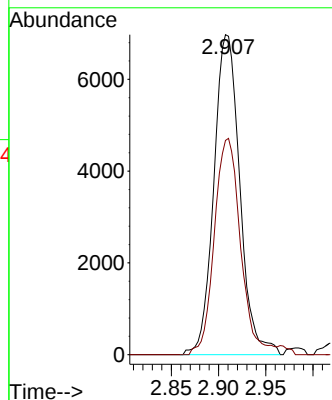
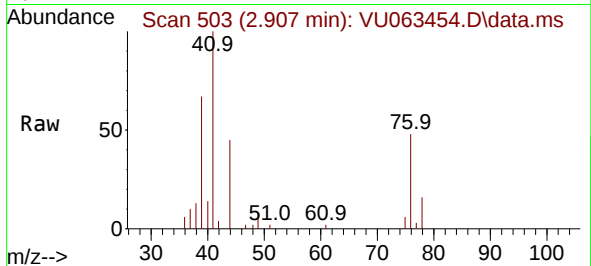




#11
 Allyl Chloride
 Concen: 0.597 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

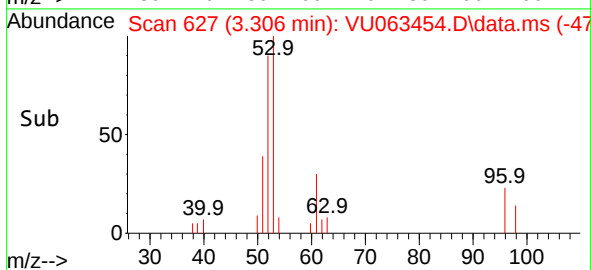
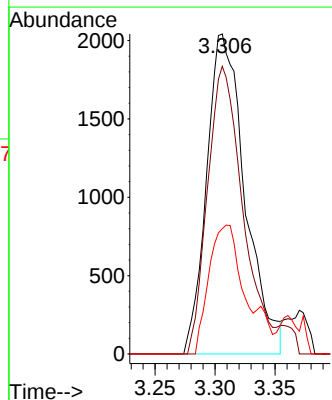
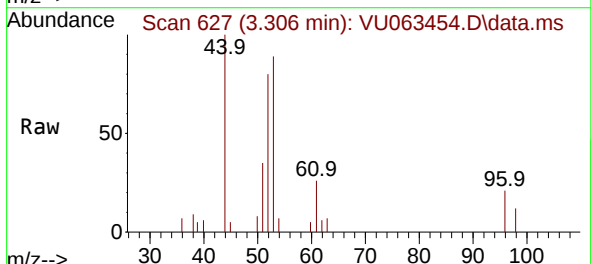
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

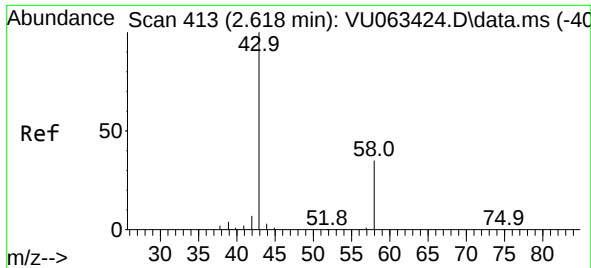
Tgt Ion: 41 Resp: 13325
 Ion Ratio Lower Upper
 41 100
 39 68.3 50.3 75.5



#12
 Acrylonitrile
 Concen: 1.253 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

Tgt Ion: 53 Resp: 4541
 Ion Ratio Lower Upper
 53 100
 52 82.8 62.8 94.2
 51 33.8 26.2 39.4





#13

Acetone

Concen: 2.704 ug/l

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

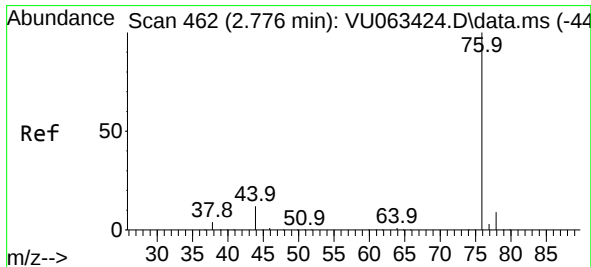
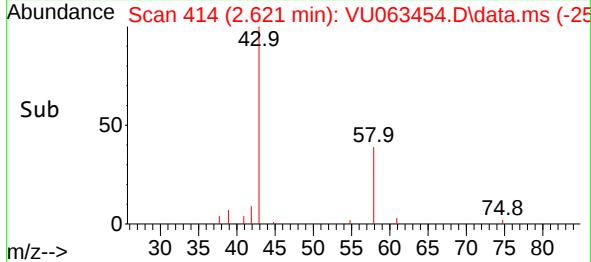
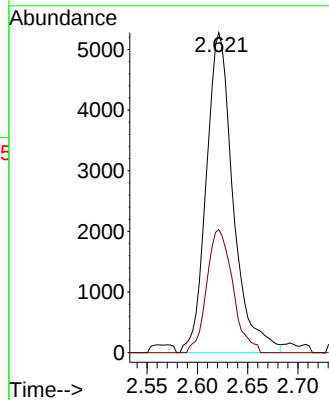
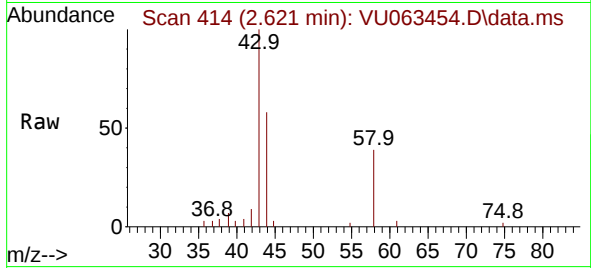
LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 9826

Ion Ratio Lower Upper

43 100

58 38.5 28.3 42.5



#14

Carbon Disulfide

Concen: 0.736 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063454.D

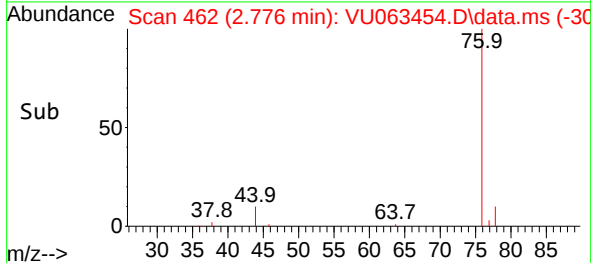
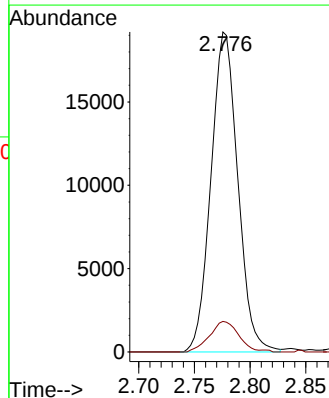
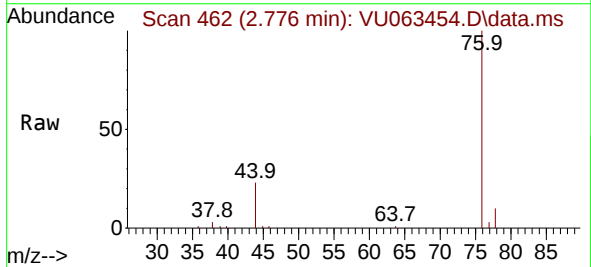
Acq: 25 Jun 2025 12:31

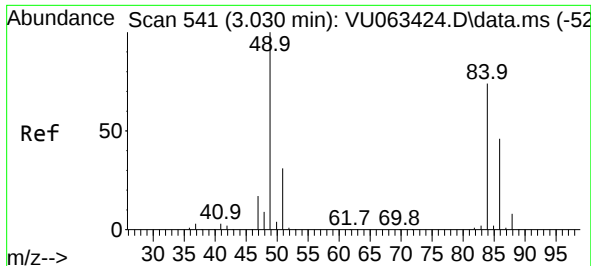
Tgt Ion: 76 Resp: 32197

Ion Ratio Lower Upper

76 100

78 9.5 6.9 10.3

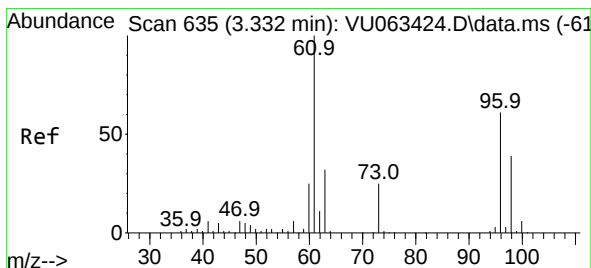
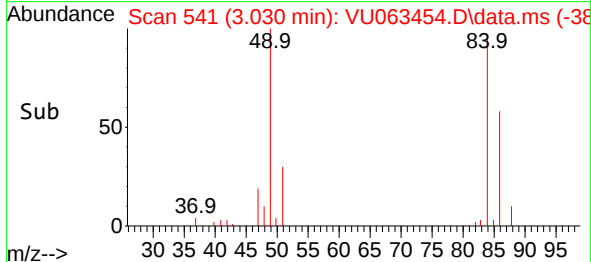
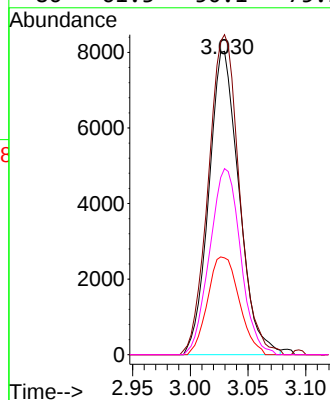
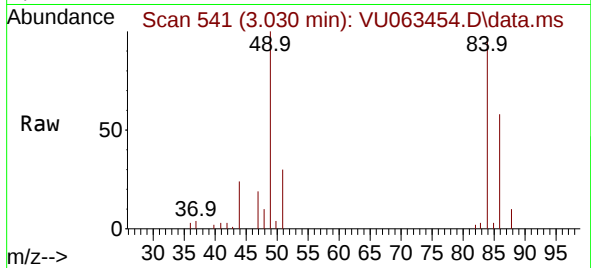




#15
Methylene Chloride
Concen: 0.919 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

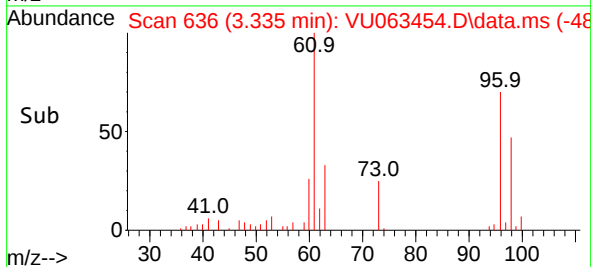
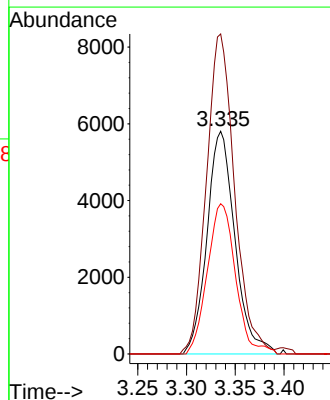
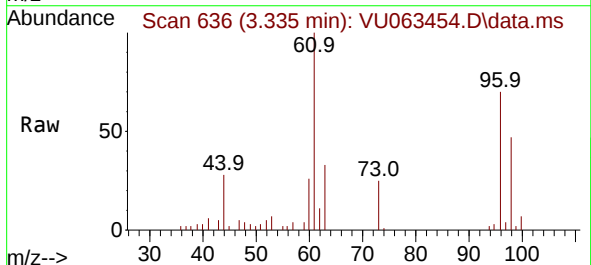
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

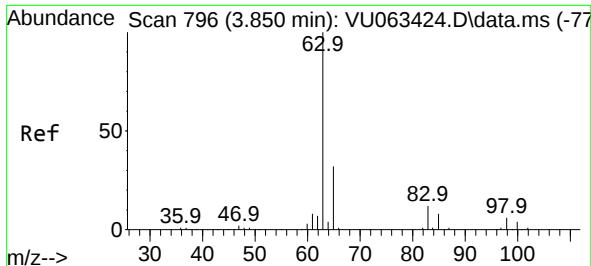
Tgt Ion:	84	Resp:	14613
Ion	Ratio	Lower	Upper
84	100		
49	105.5	108.7	163.1#
51	31.9	0.0	83.8
86	61.3	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 0.823 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:	96	Resp:	11608
Ion	Ratio	Lower	Upper
96	100		
61	143.6	132.1	198.1
98	67.4	51.0	76.4

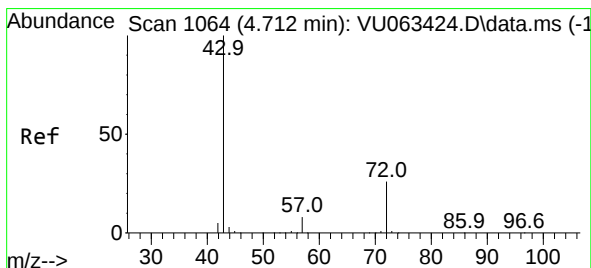
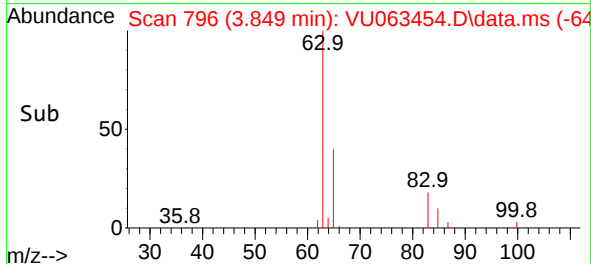
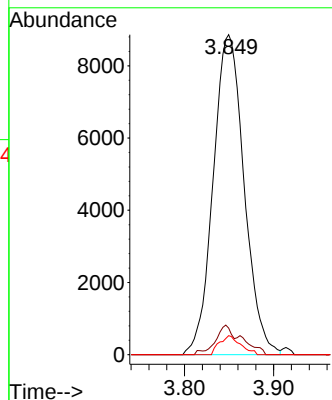
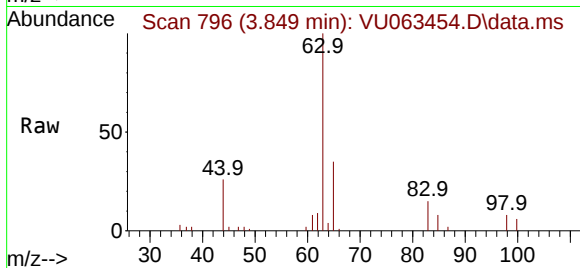




#17
1,1-Dichloroethane
Concen: 0.722 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

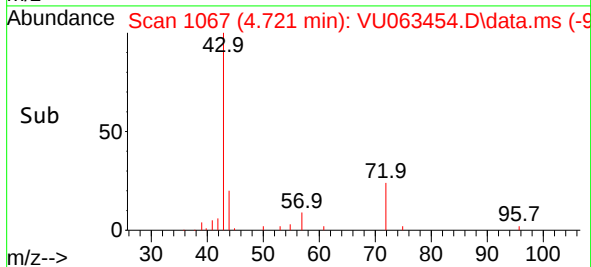
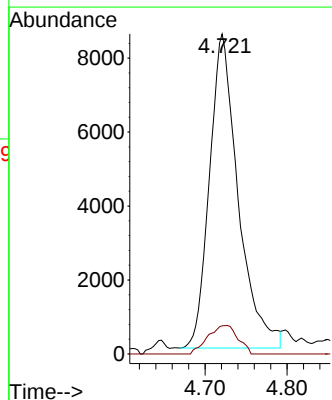
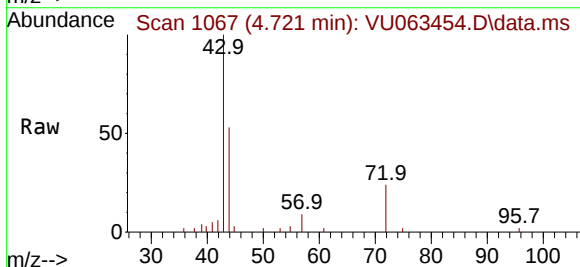
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025

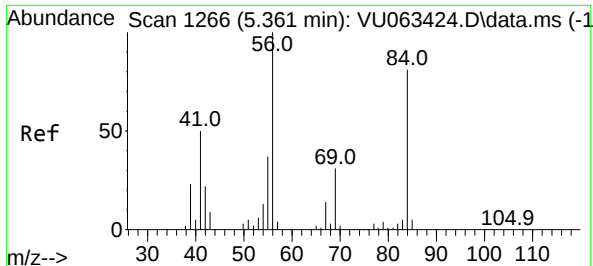
Tgt Ion: 63 Resp: 21389
Ion Ratio Lower Upper
63 100
98 8.3 2.8 8.4
100 5.9 1.9 5.7#



#18
2-Butanone
Concen: 4.082 ug/l
RT: 4.721 min Scan# 1067
Delta R.T. 0.009 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 43 Resp: 20640
Ion Ratio Lower Upper
43 100
57 9.0 0.0 16.0





#19

Cyclohexane

Concen: 1.056 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.004 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

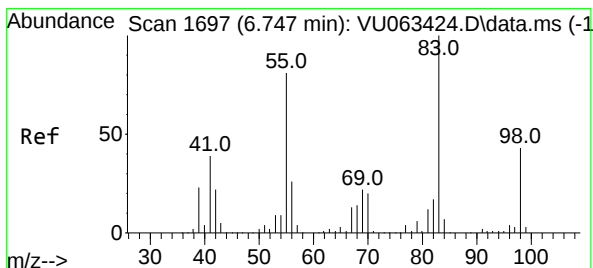
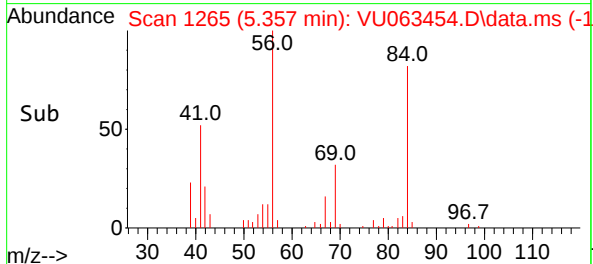
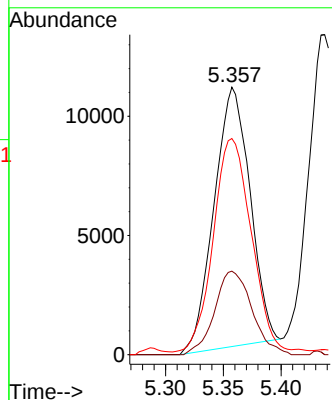
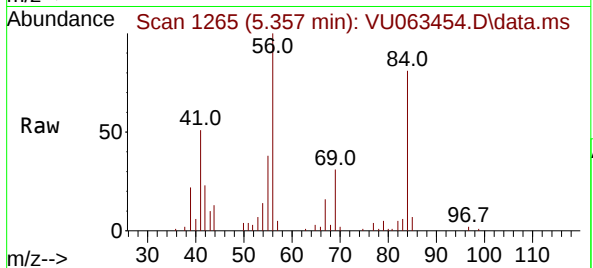
Tgt Ion: 56 Resp: 23664

Ion Ratio Lower Upper

56 100

69 33.4 26.4 39.6

84 85.0 68.6 102.8



#20

Methylcyclohexane

Concen: 0.929 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. -0.004 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

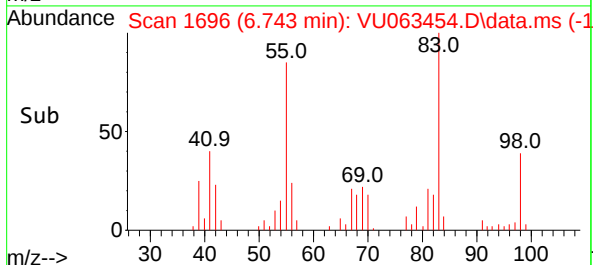
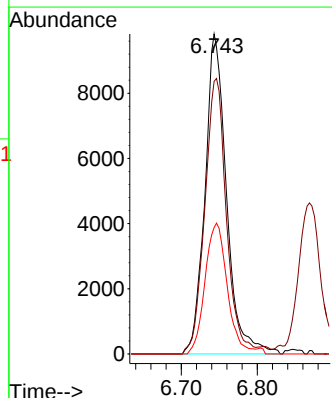
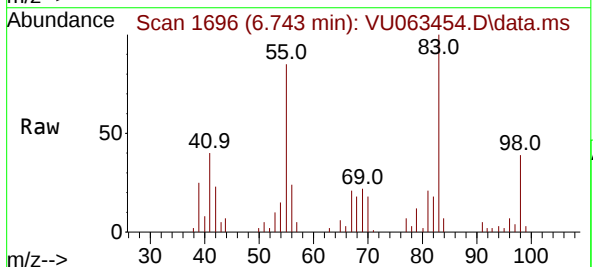
Tgt Ion: 83 Resp: 19329

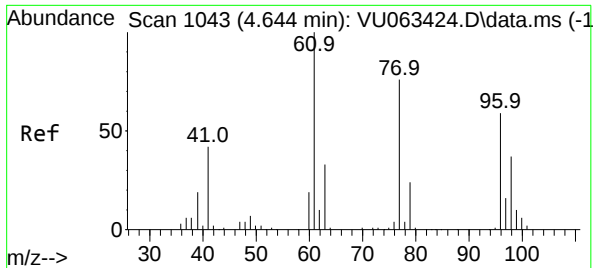
Ion Ratio Lower Upper

83 100

55 83.1 63.5 95.3

98 40.1 34.2 51.4

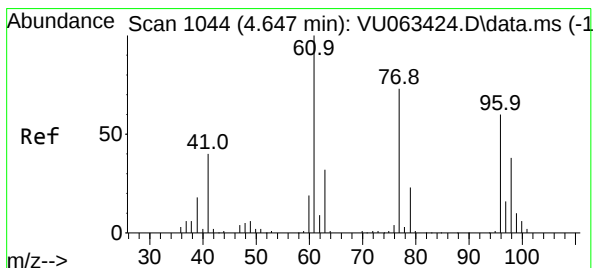
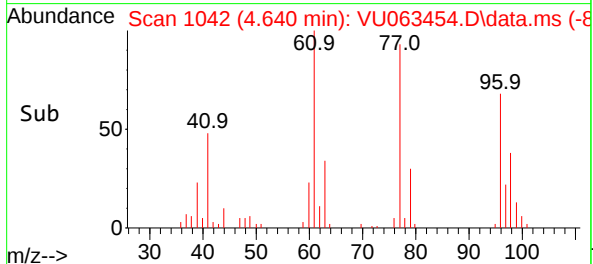
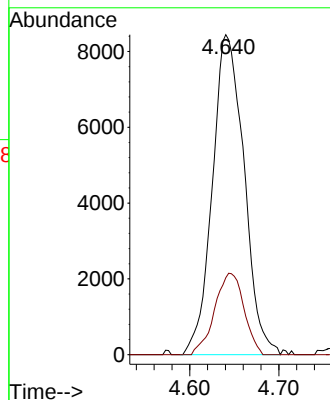
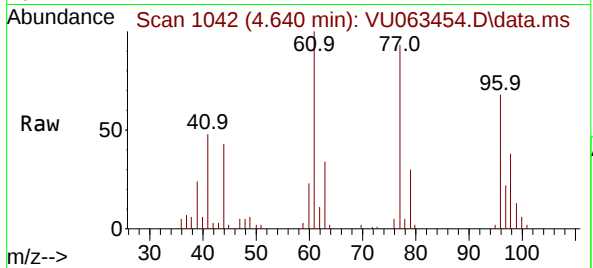




#21
2,2-Dichloropropane
Concen: 0.991 ug/l
RT: 4.640 min Scan# 1042
Delta R.T. -0.004 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

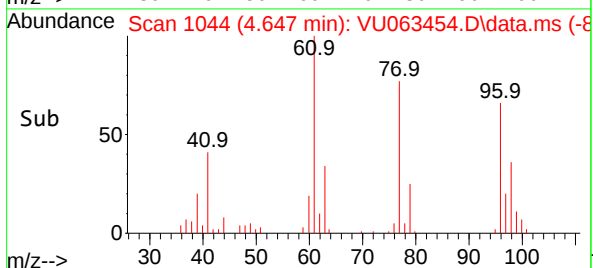
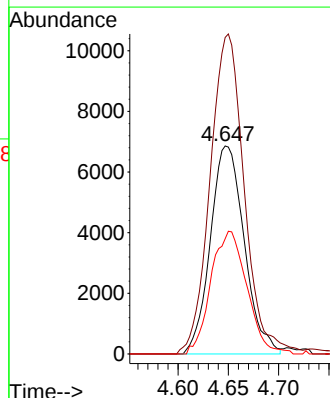
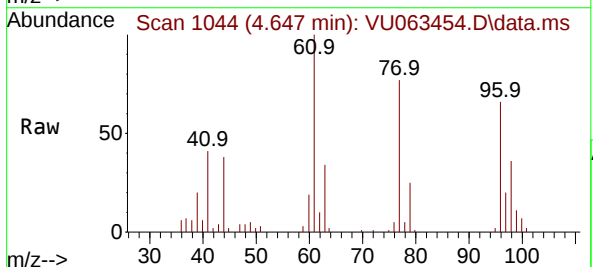
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

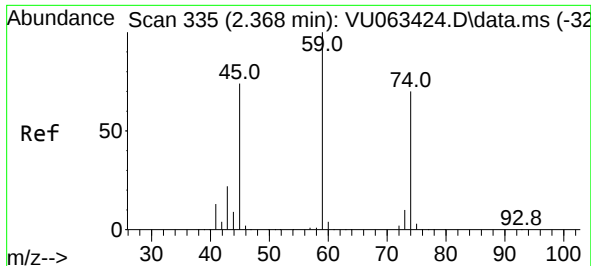
Tgt Ion: 77 Resp: 20870
Ion Ratio Lower Upper
77 100
97 23.6 17.2 25.8



#22
cis-1,2-Dichloroethene
Concen: 1.046 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 96 Resp: 16115
Ion Ratio Lower Upper
96 100
61 154.7 0.0 434.3
98 62.5 31.9 95.7

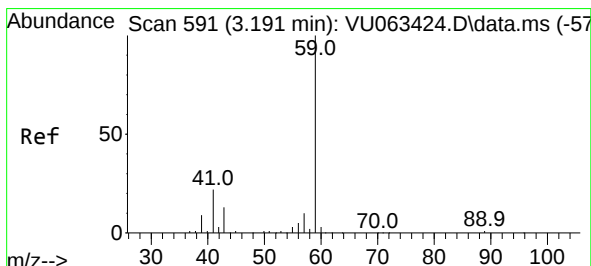
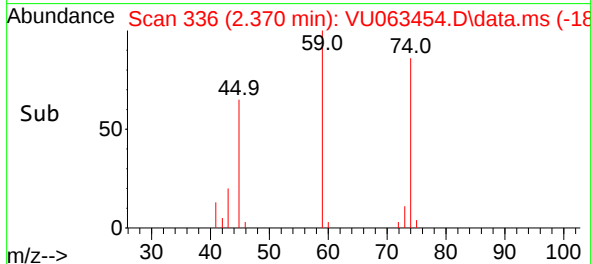
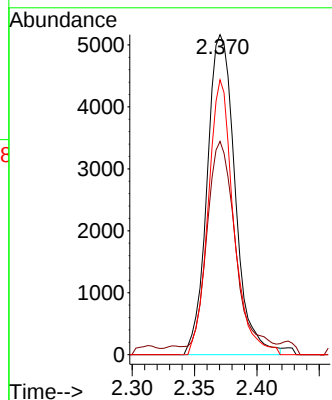
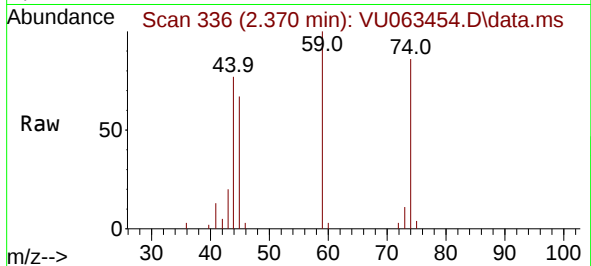




#23
Diethyl Ether
Concen: 0.713 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

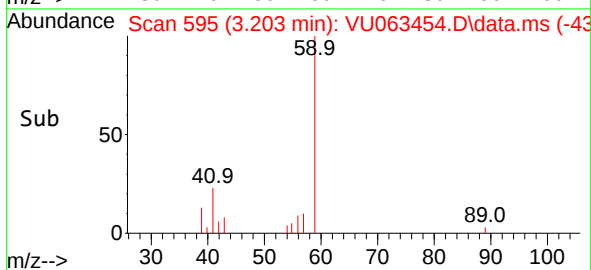
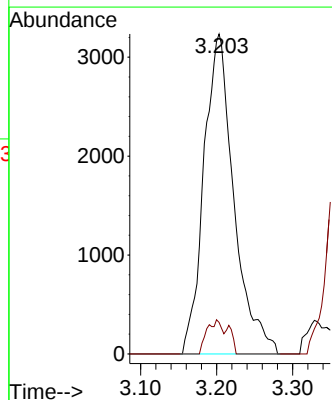
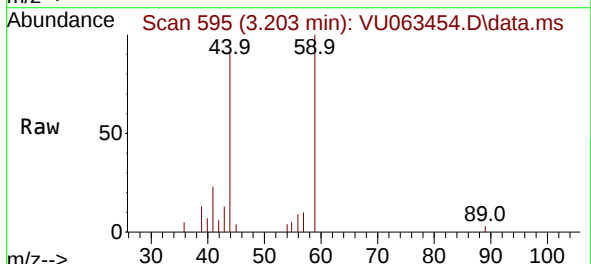
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

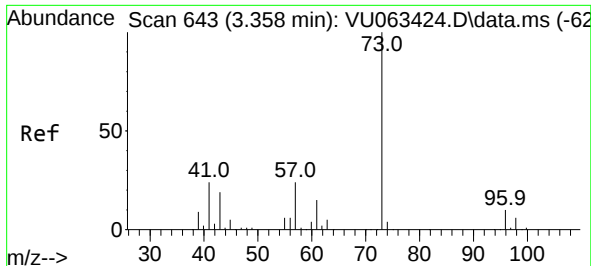
Tgt Ion: 59 Resp: 8069
Ion Ratio Lower Upper
59 100
45 62.5 60.7 91.1
74 78.1 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 7.438 ug/l
RT: 3.203 min Scan# 595
Delta R.T. 0.012 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 59 Resp: 8866
Ion Ratio Lower Upper
59 100
57 5.5 7.8 11.8#

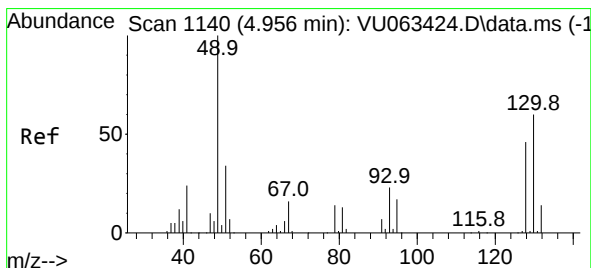
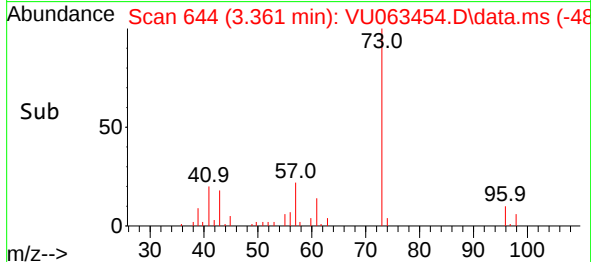
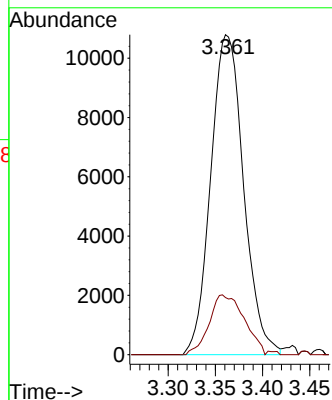
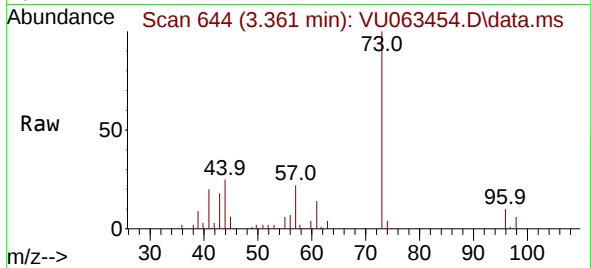




#25
Methyl tert-Butyl Ether
Concen: 0.764 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

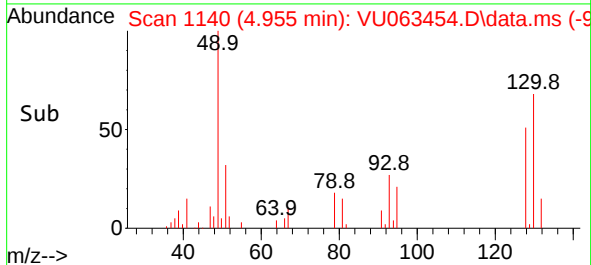
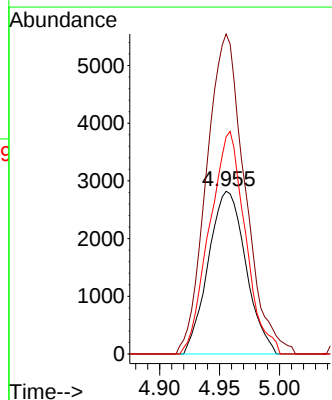
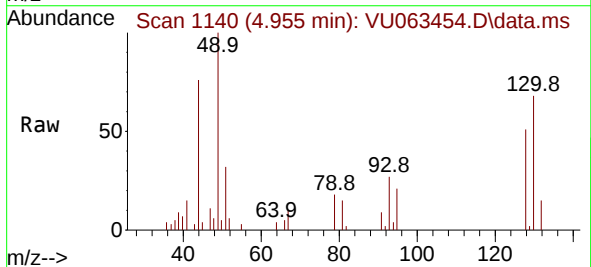
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

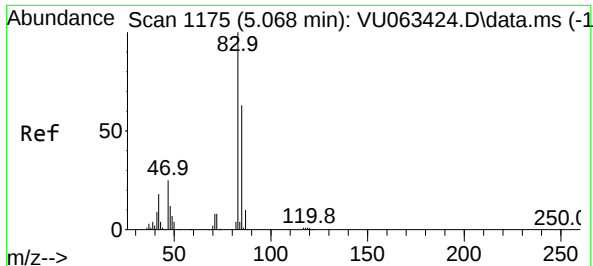
Tgt Ion: 73 Resp: 26065
Ion Ratio Lower Upper
73 100
43 20.1 15.1 22.7



#26
Bromochloromethane
Concen: 1.022 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 128 Resp: 6126
Ion Ratio Lower Upper
128 100
49 201.5 0.0 441.2
130 131.1 102.3 153.5





#27

Chloroform

Concen: 1.009 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

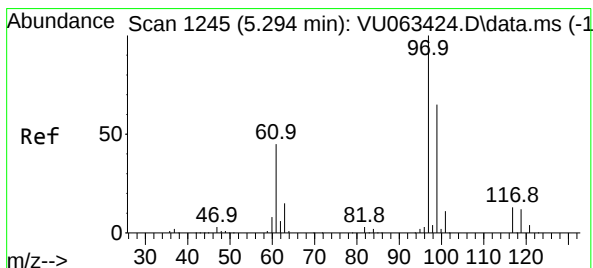
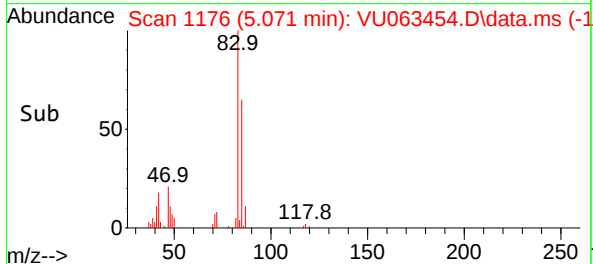
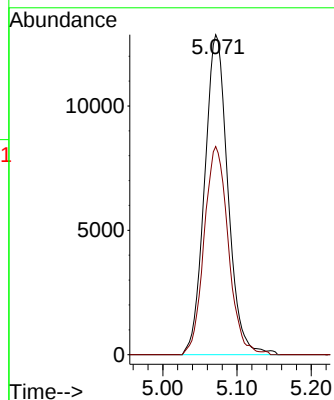
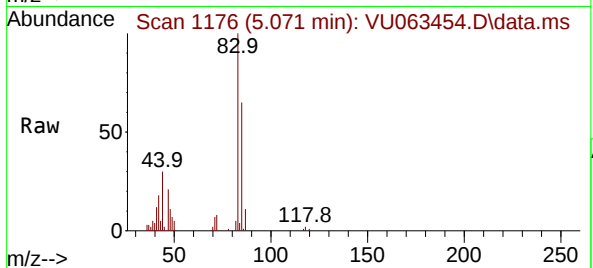
LOQ-WATER-02-QT2-2025

Tgt Ion: 83 Resp: 28025

Ion Ratio Lower Upper

83 100

85 65.1 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 1.040 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

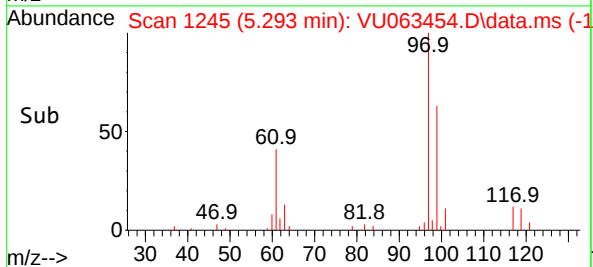
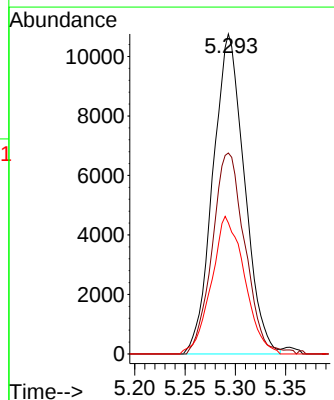
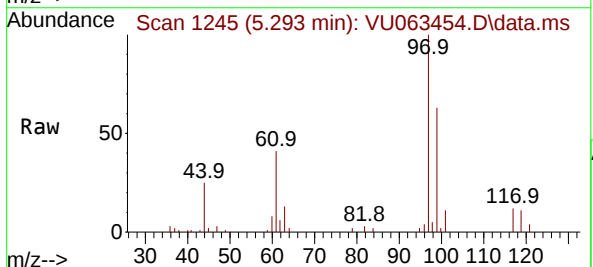
Tgt Ion: 97 Resp: 23425

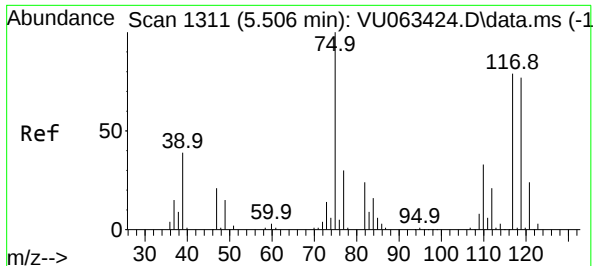
Ion Ratio Lower Upper

97 100

99 65.1 31.9 95.5

61 45.1 22.9 68.7





#29

1,1-Dichloropropene

Concen: 1.073 ug/l

RT: 5.502 min Scan# 11

Delta R.T. -0.004 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

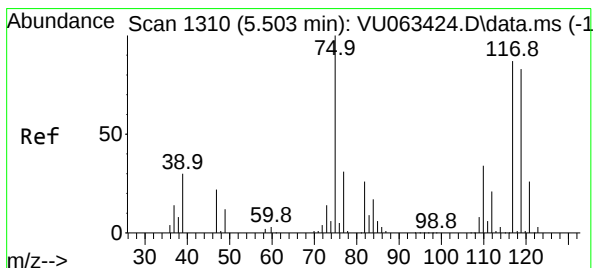
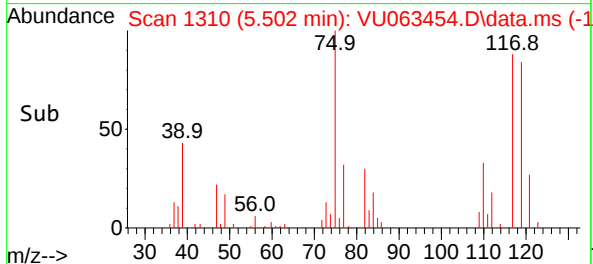
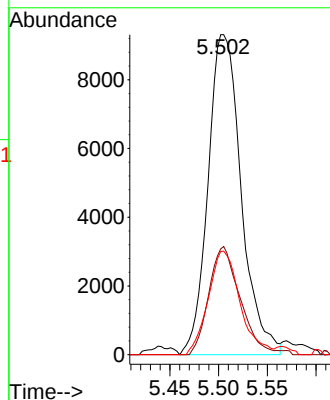
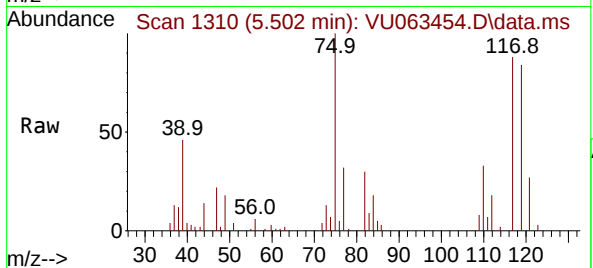
Tgt Ion: 75 Resp: 22079

Ion Ratio Lower Upper

75 100

110 32.1 17.4 52.2

77 31.1 25.4 38.0



#30

Carbon Tetrachloride

Concen: 1.060 ug/l

RT: 5.499 min Scan# 1309

Delta R.T. -0.004 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

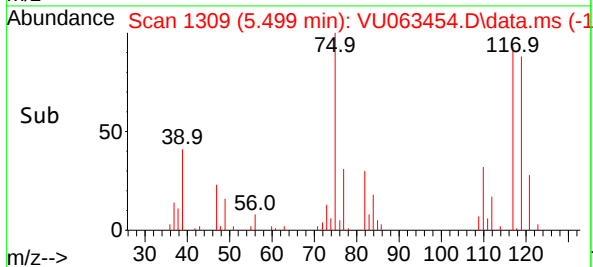
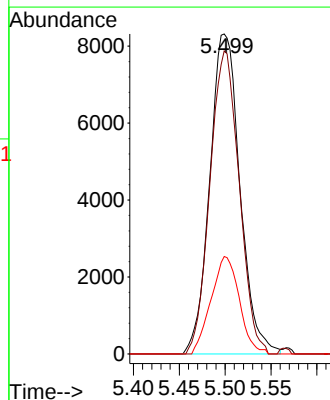
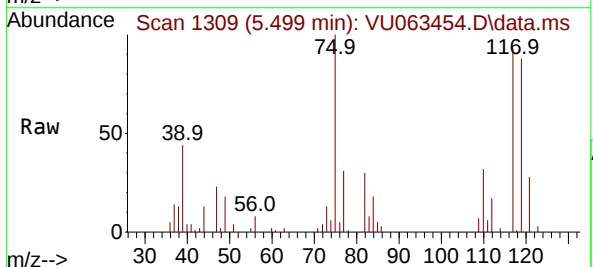
Tgt Ion: 117 Resp: 19062

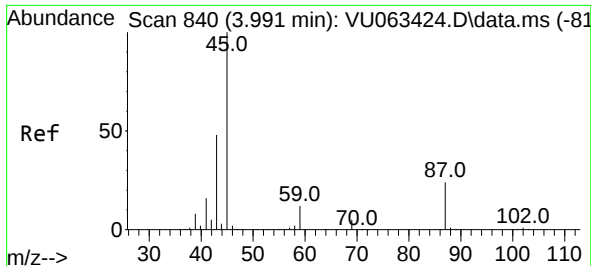
Ion Ratio Lower Upper

117 100

119 94.7 76.7 115.1

121 30.4 24.3 36.5

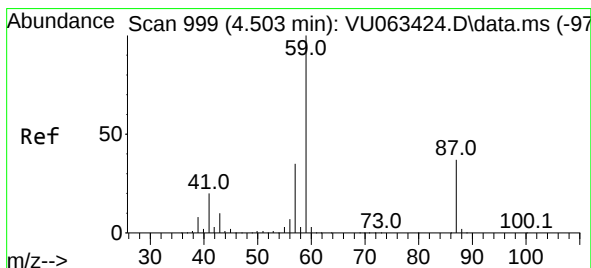
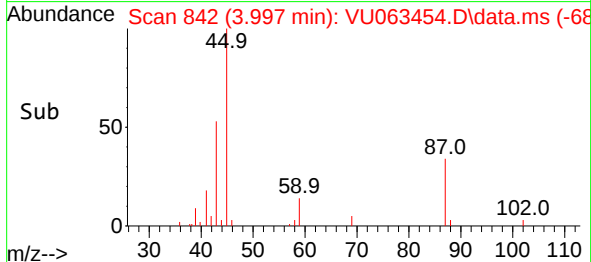
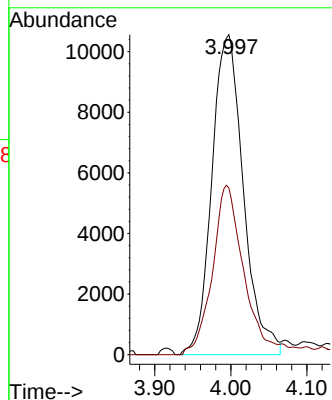
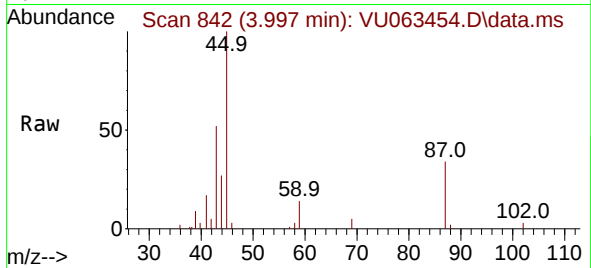




#31
Isopropyl Ether
Concen: 0.658 ug/l
RT: 3.997 min Scan# 84
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

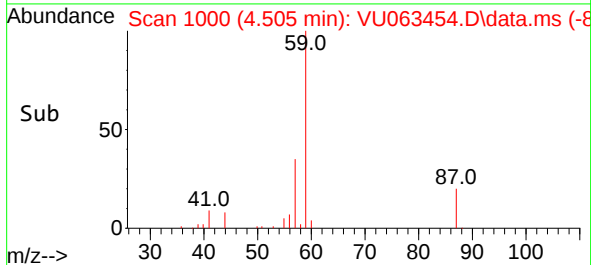
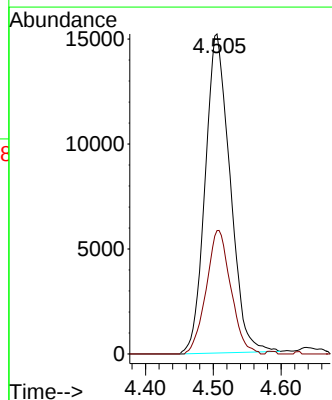
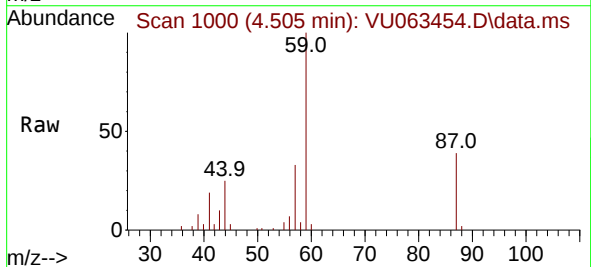
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 45 Resp: 30438
Ion Ratio Lower Upper
45 100
43 51.7 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 0.988 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 59 Resp: 38751
Ion Ratio Lower Upper
59 100
87 38.3 29.9 44.9

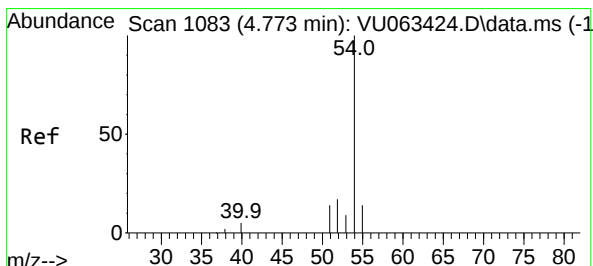
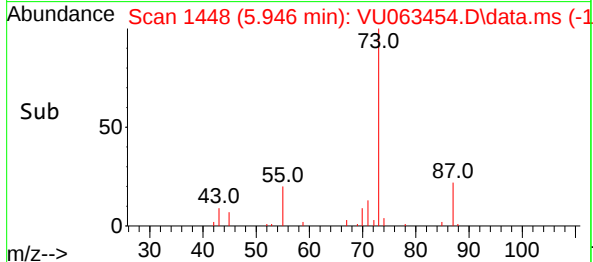
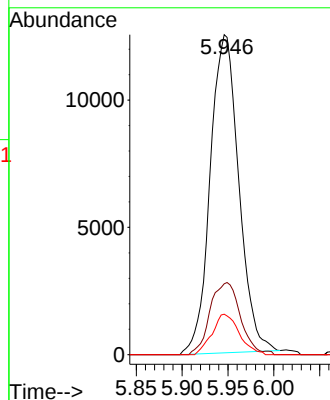
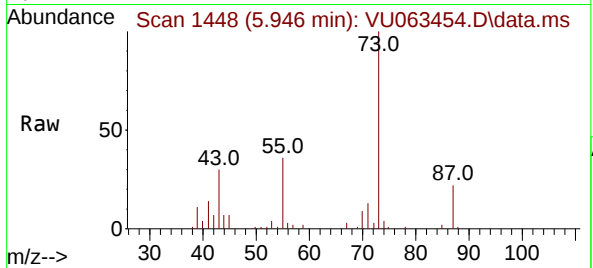




#33
Tert-Amyl methyl ether
Concen: 0.966 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

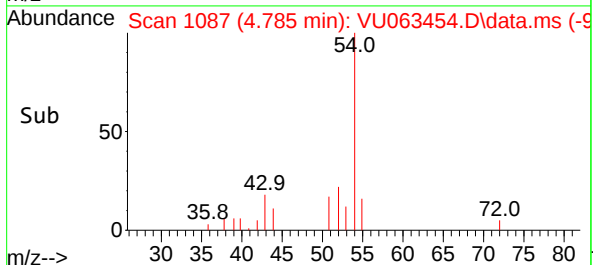
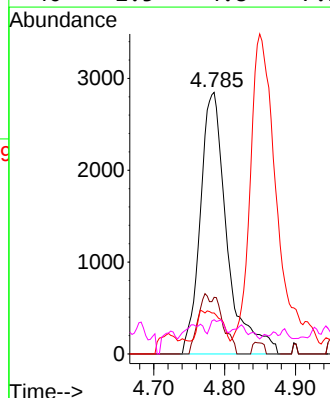
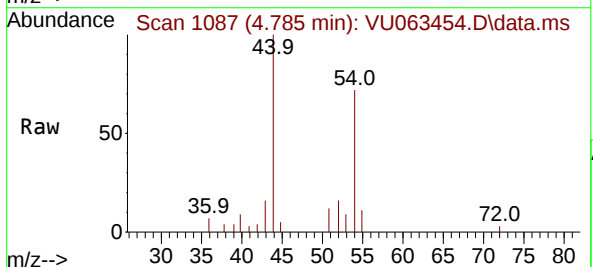
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

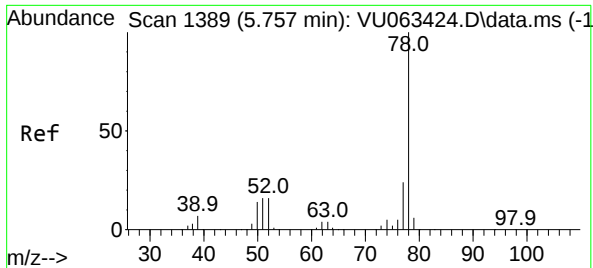
Tgt Ion: 73	Resp:	27119
Ion	Ratio	Lower Upper
73	100	
87	24.1	18.1 27.1
71	12.0	10.0 15.0



#34
Propionitrile
Concen: 5.090 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.012 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 54	Resp:	7445
Ion	Ratio	Lower Upper
54	100	
52	0.0	14.8 22.2#
55	0.0	12.2 18.2#
40	2.5	4.8 7.2#

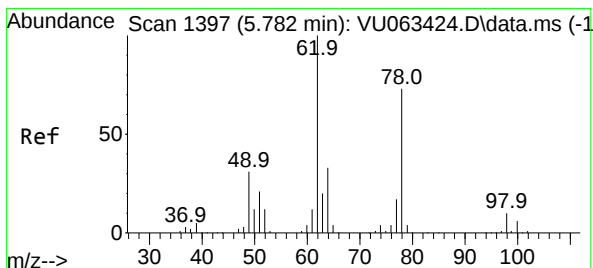
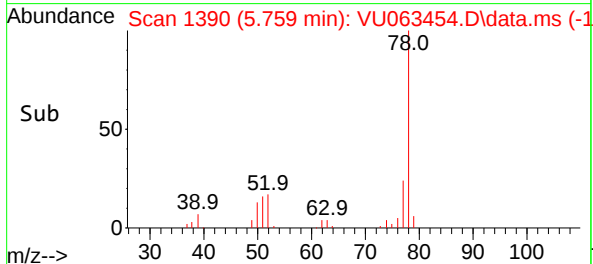
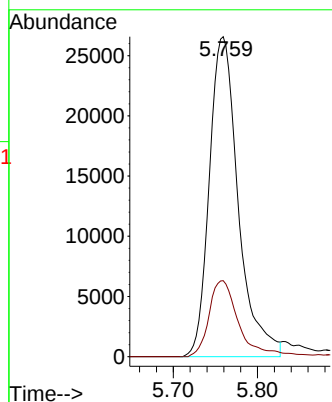
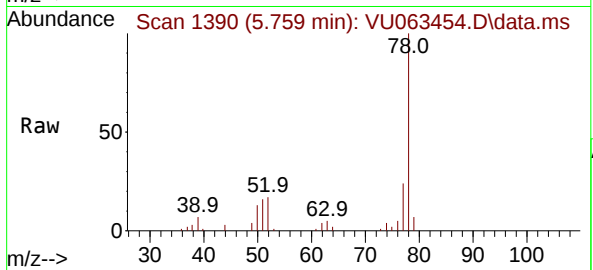




#35
Benzene
Concen: 1.018 ug/l
RT: 5.759 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

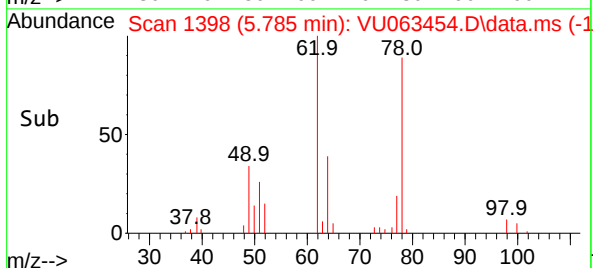
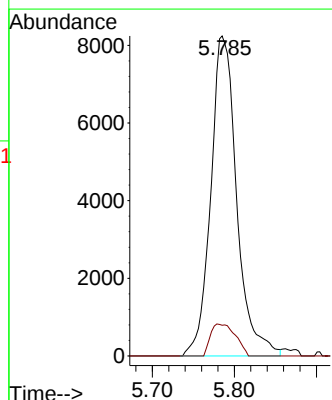
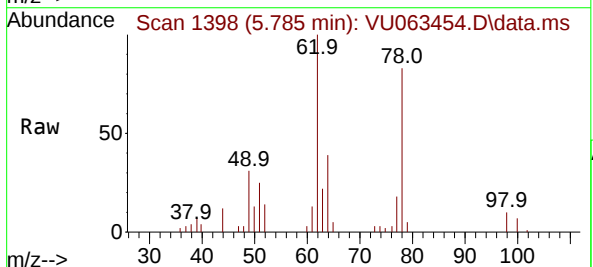
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

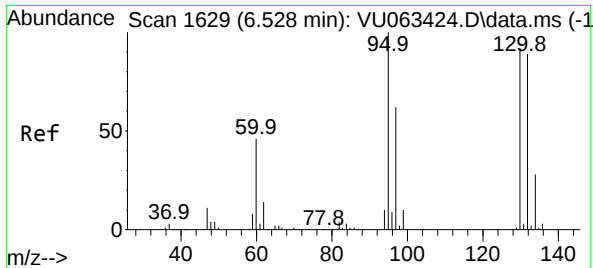
Tgt Ion: 78 Resp: 63375
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.997 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 62 Resp: 18142
Ion Ratio Lower Upper
62 100
98 9.6 7.1 10.7

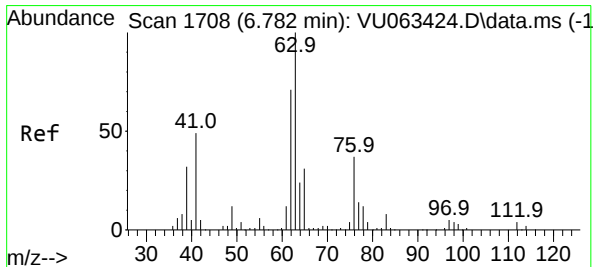
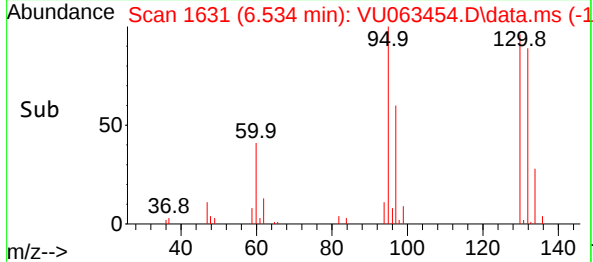
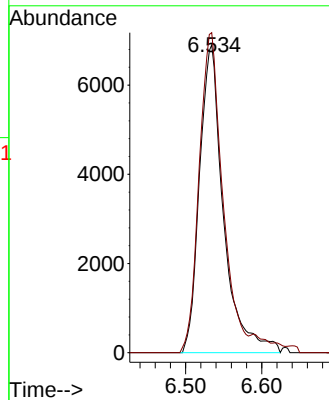
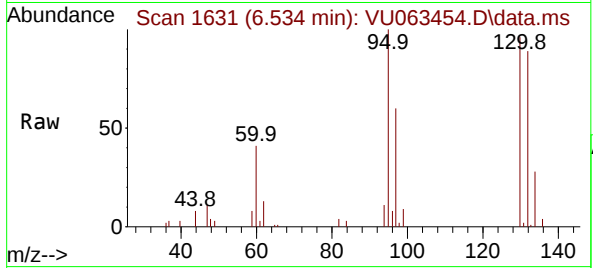




#37
Trichloroethene
Concen: 1.026 ug/l
RT: 6.534 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

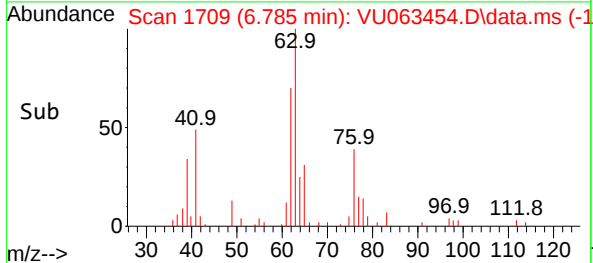
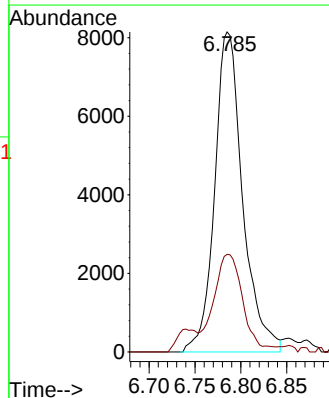
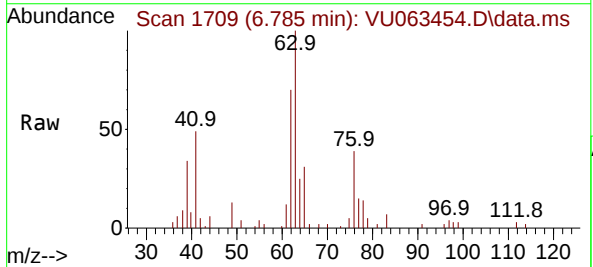
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

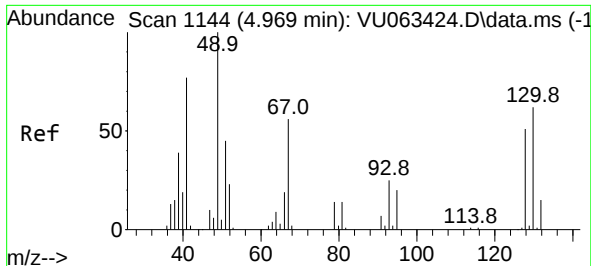
Tgt Ion:130 Resp: 15095
Ion Ratio Lower Upper
130 100
95 104.0 87.2 130.8



#38
1,2-Dichloropropane
Concen: 1.007 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 63 Resp: 17301
Ion Ratio Lower Upper
63 100
65 28.9 25.0 37.6





#39

Methacrylonitrile

Concen: 0.866 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VU063454.D

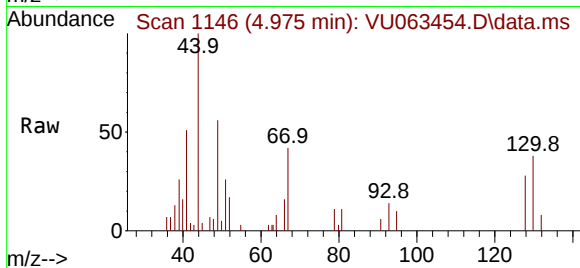
Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025



Tgt Ion: 41 Resp: 5269

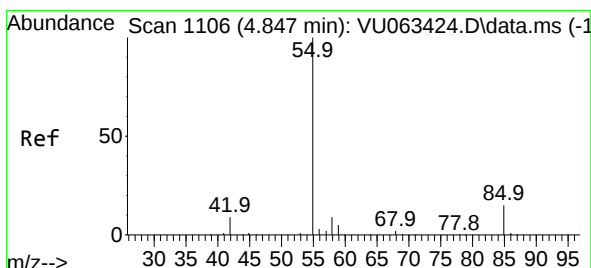
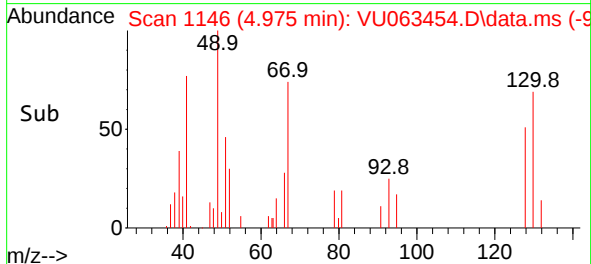
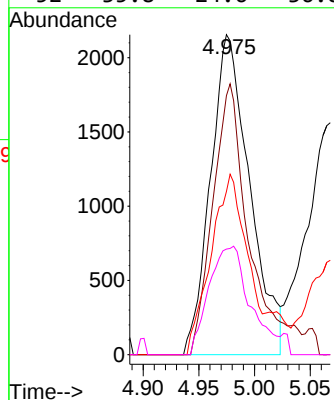
Ion Ratio Lower Upper

41 100

67 78.5 59.8 89.8

39 52.7 40.7 61.1

52 35.8 24.6 36.8



#40

Methyl acrylate

Concen: 0.944 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Tgt Ion: 55 Resp: 8065

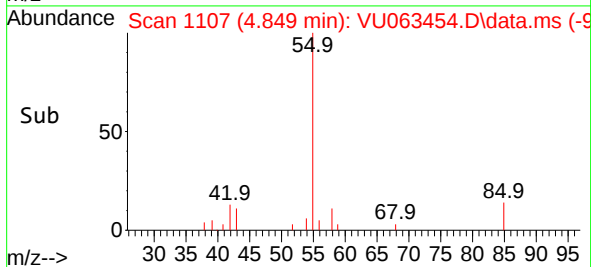
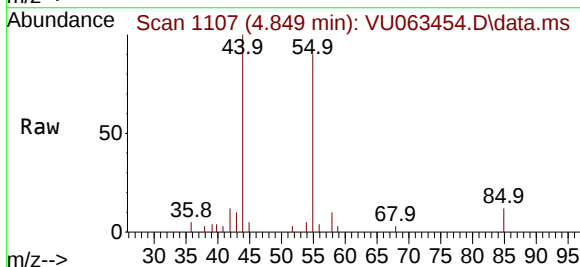
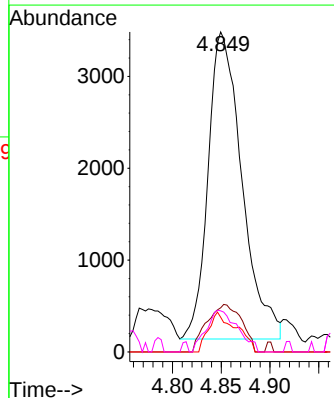
Ion Ratio Lower Upper

55 100

85 15.9 12.6 19.0

58 10.6 6.9 10.3#

42 12.6 7.1 10.7#





#41

Tetrahydrofuran

Concen: 1.834 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.009 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

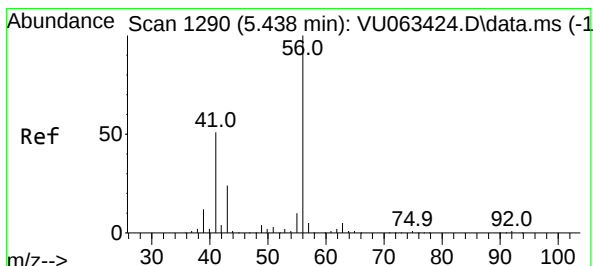
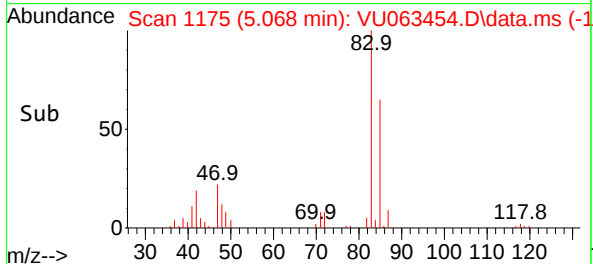
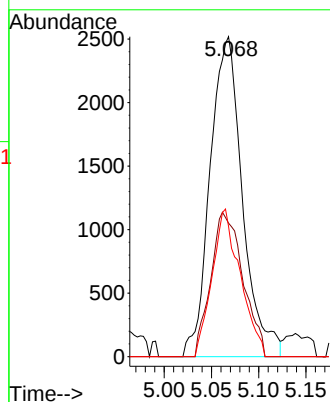
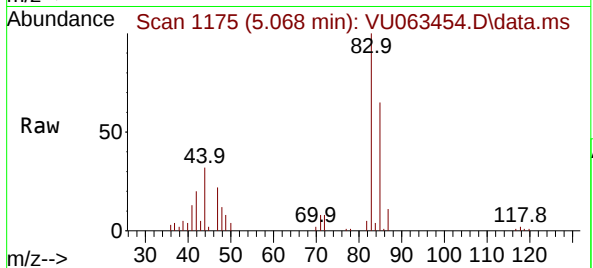
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:	42	Resp:	6005
Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.4	53.2
71	40.1	31.4	47.0



#42

1-Chlorobutane

Concen: 1.072 ug/l

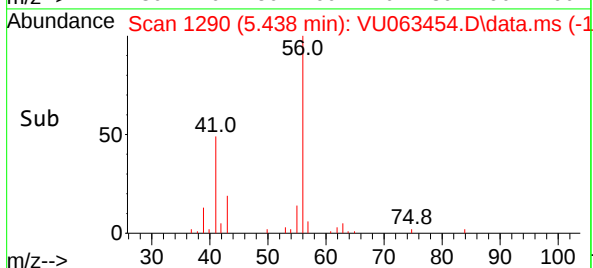
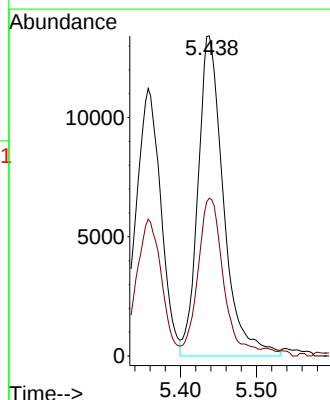
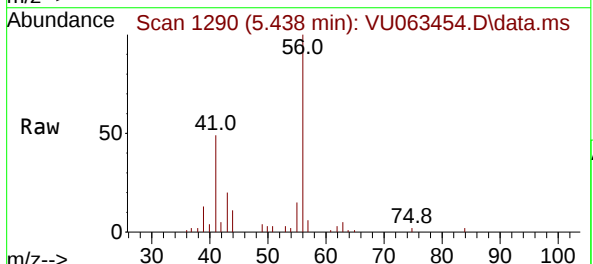
RT: 5.438 min Scan# 1290

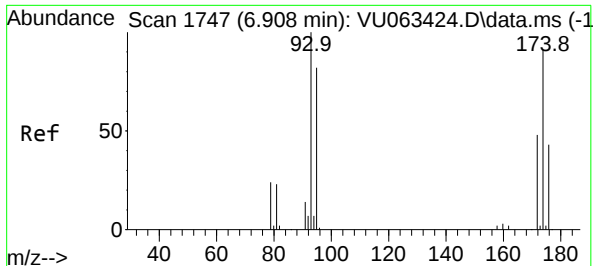
Delta R.T. -0.000 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Tgt Ion:	56	Resp:	31299
Ion	Ratio	Lower	Upper
56	100		
41	45.3	26.4	79.0





#43

Dibromomethane

Concen: 1.014 ug/l

RT: 6.910 min Scan# 1

Delta R.T. 0.002 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

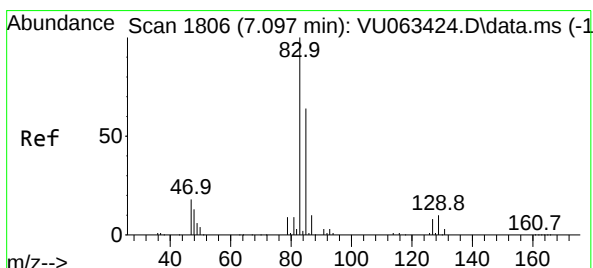
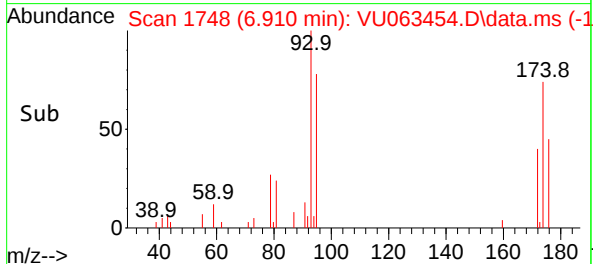
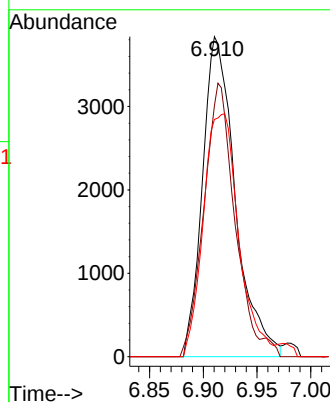
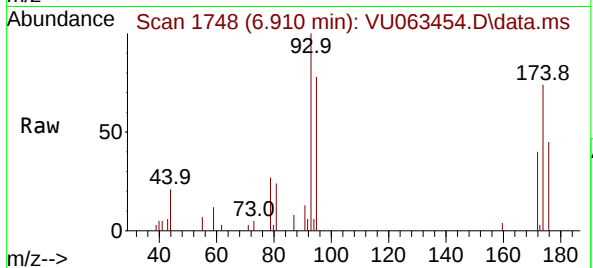
Tgt Ion: 93 Resp: 8139

Ion Ratio Lower Upper

93 100

95 81.5 66.7 100.1

174 81.6 71.1 106.7



#44

Bromodichloromethane

Concen: 1.005 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

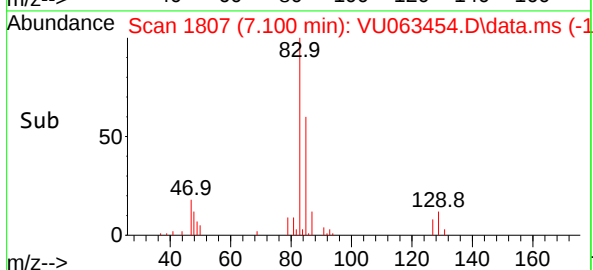
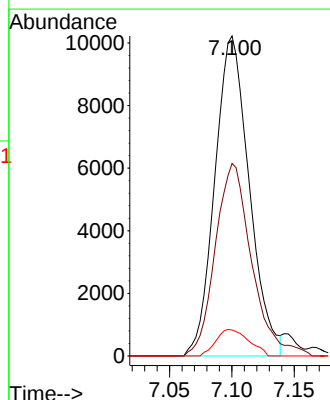
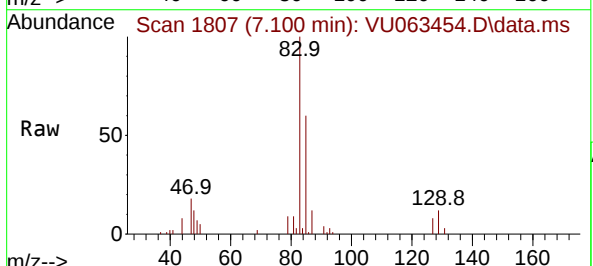
Tgt Ion: 83 Resp: 19652

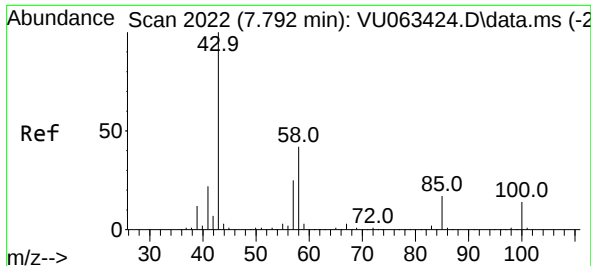
Ion Ratio Lower Upper

83 100

85 60.2 51.4 77.2

127 8.1 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 4.352 ug/l

RT: 7.801 min Scan# 2022

Delta R.T. 0.009 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

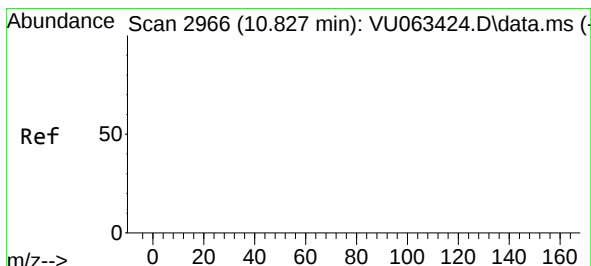
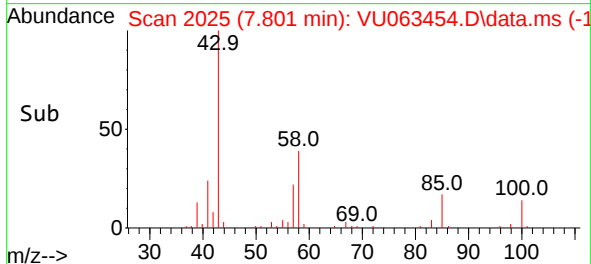
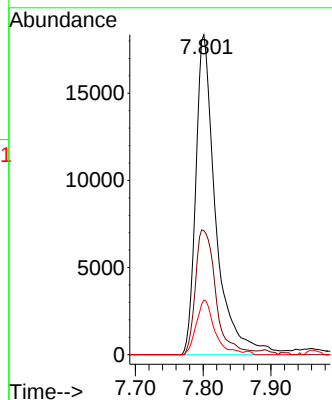
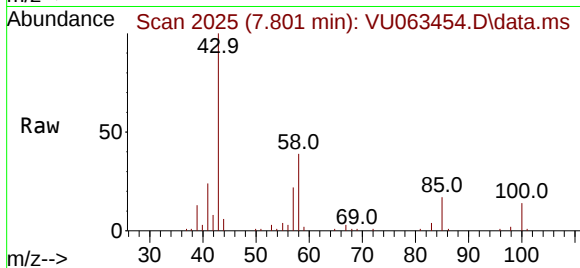
Tgt Ion: 43 Resp: 37508

Ion Ratio Lower Upper

43 100

58 40.1 20.5 61.6

85 15.7 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 5.426 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Tgt Ion: 75 Resp: 15372

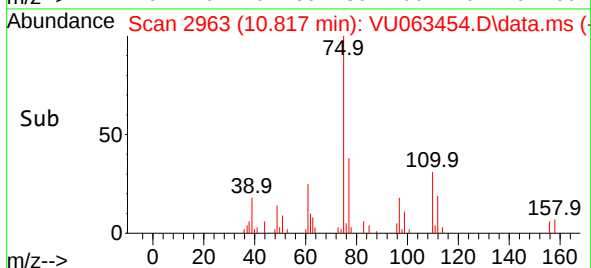
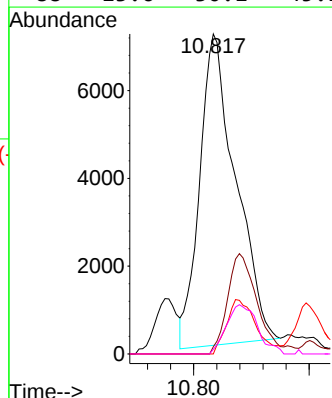
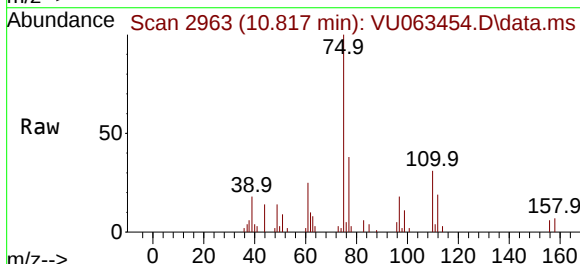
Ion Ratio Lower Upper

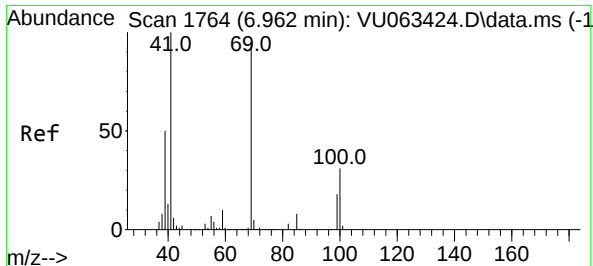
75 100

53 26.0 61.4 92.2#

89 14.3 39.2 58.8#

88 13.6 30.1 45.1#





#47

Methyl methacrylate

Concen: 1.700 ug/l

RT: 6.971 min Scan# 1

Delta R.T. 0.009 min

Lab File: VU063454.D

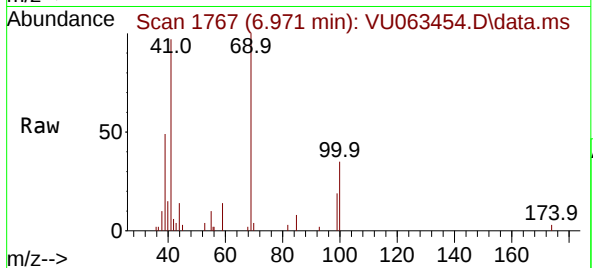
Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025



Tgt Ion: 69 Resp: 10575

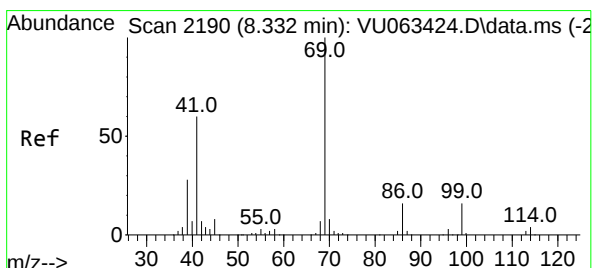
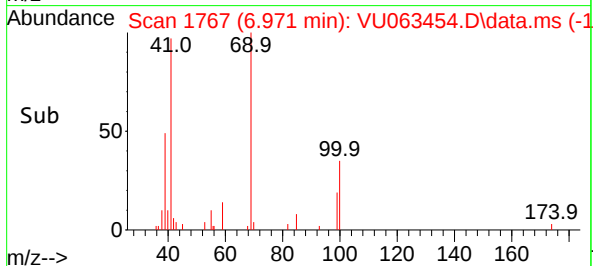
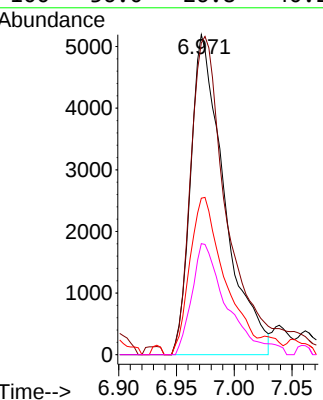
Ion Ratio Lower Upper

69 100

41 111.8 0.0 212.6

39 50.8 40.6 61.0

100 36.0 26.8 40.2



#48

Ethyl methacrylate

Concen: 0.900 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.006 min

Lab File: VU063454.D

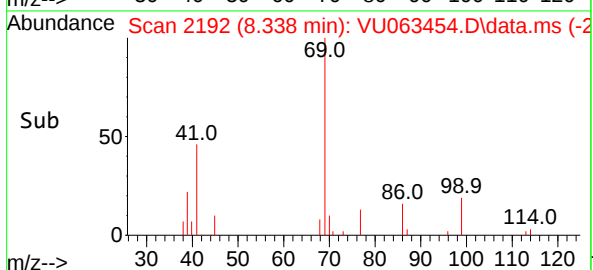
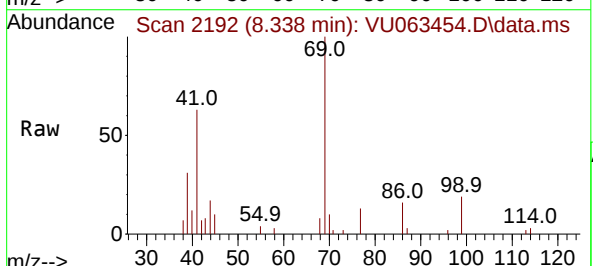
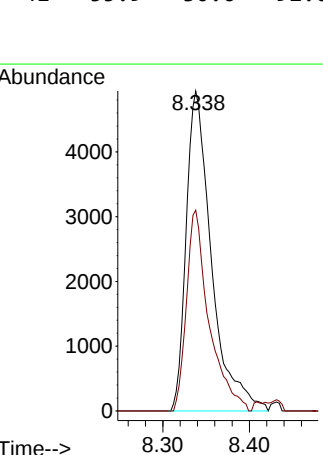
Acq: 25 Jun 2025 12:31

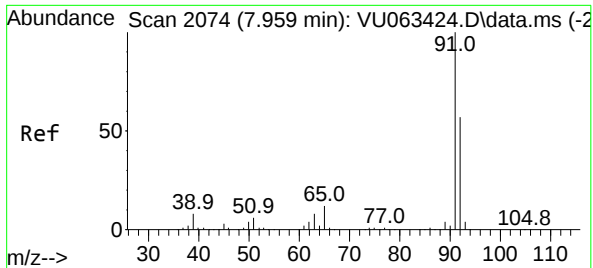
Tgt Ion: 69 Resp: 10029

Ion Ratio Lower Upper

69 100

41 55.9 30.6 92.0





#49

Toluene

Concen: 0.917 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

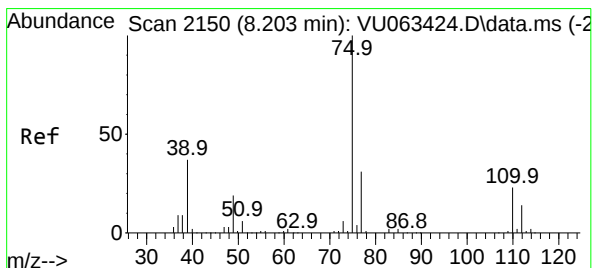
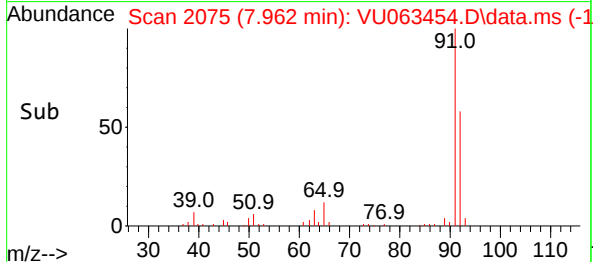
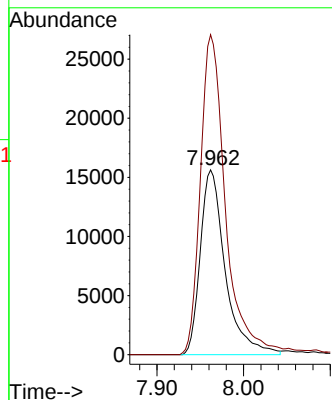
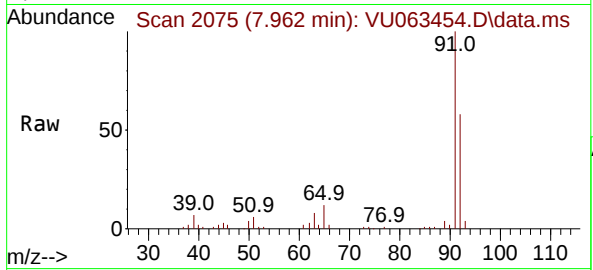
LOQ-WATER-02-QT2-2025

Tgt Ion: 92 Resp: 31315

Ion Ratio Lower Upper

92 100

91 175.9 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 0.912 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU063454.D

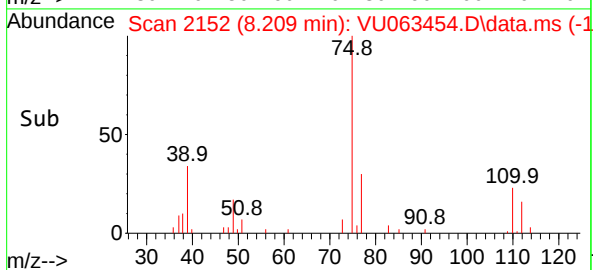
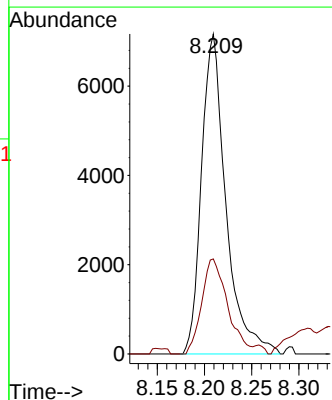
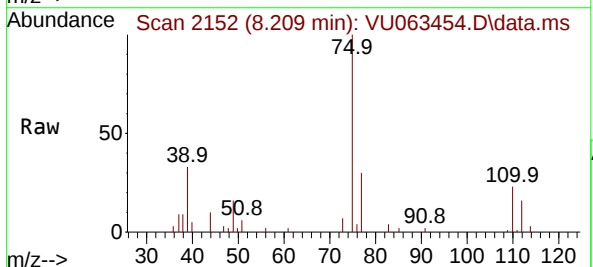
Acq: 25 Jun 2025 12:31

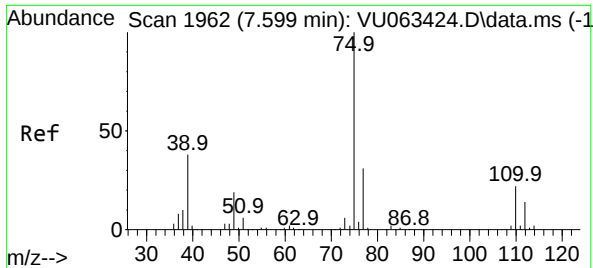
Tgt Ion: 75 Resp: 12870

Ion Ratio Lower Upper

75 100

77 29.7 24.5 36.7

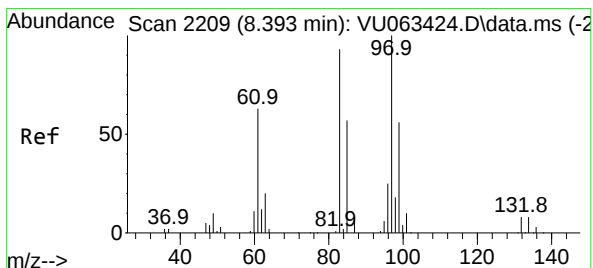
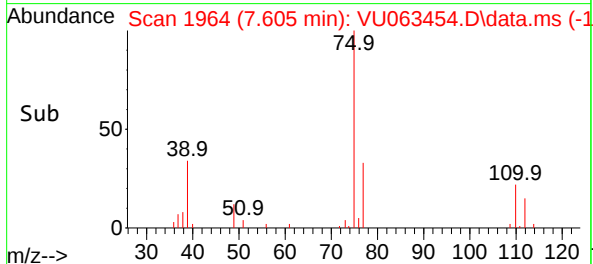
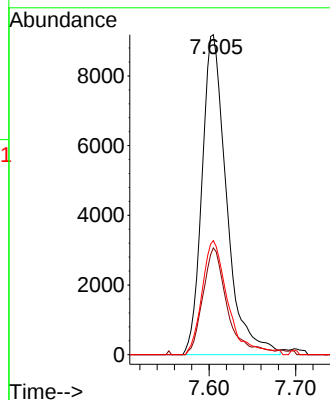
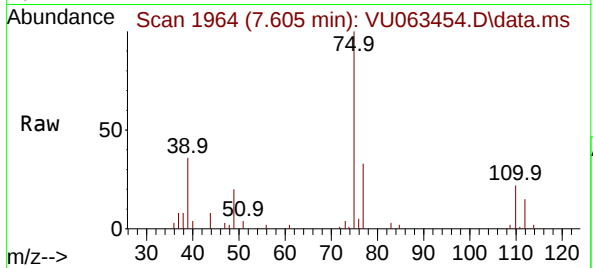




#51
 cis-1,3-Dichloropropene
 Concen: 0.957 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

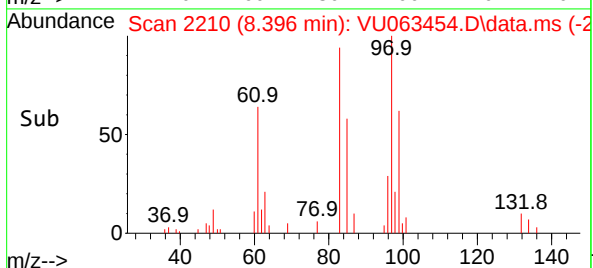
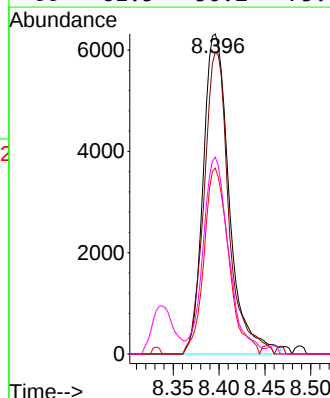
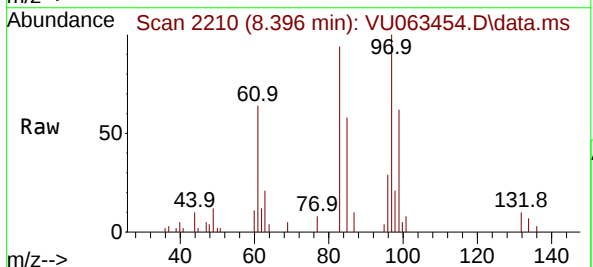
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

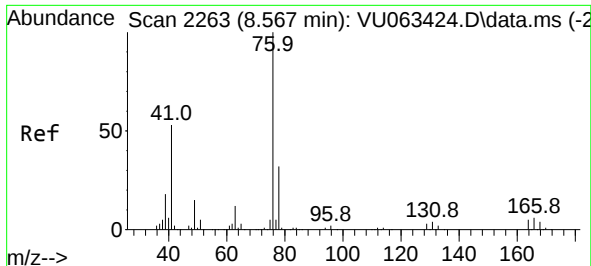
Tgt Ion:	75	Resp:	18133
Ion	Ratio	Lower	Upper
75	100		
77	33.4	24.8	37.2
39	35.6	30.7	46.1



#52
 1,1,2-Trichloroethane
 Concen: 1.064 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

Tgt Ion:	97	Resp:	12487
Ion	Ratio	Lower	Upper
97	100		
83	94.3	74.1	111.1
85	58.1	45.8	68.8
99	61.5	50.2	75.4





#53

1,3-Dichloropropane

Concen: 0.982 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

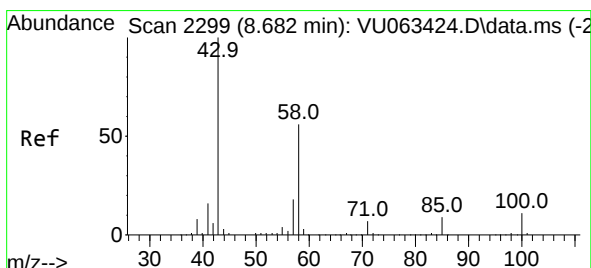
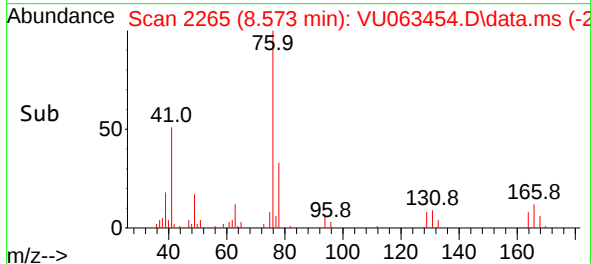
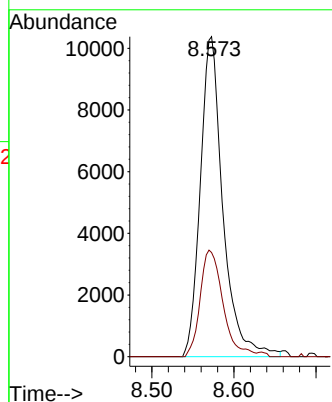
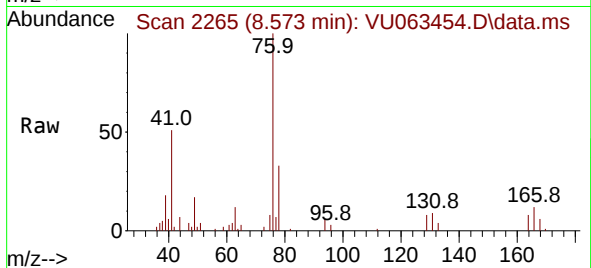
LOQ-WATER-02-QT2-2025

Tgt Ion: 76 Resp: 19830

Ion Ratio Lower Upper

76 100

78 33.6 25.7 38.5



#54

2-Hexanone

Concen: 4.137 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.013 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

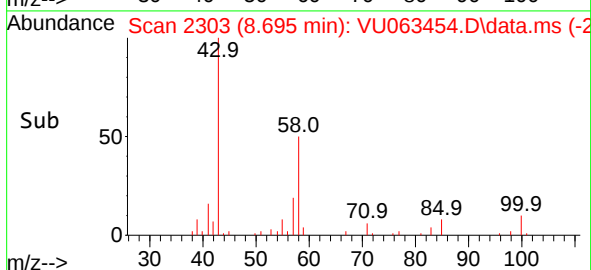
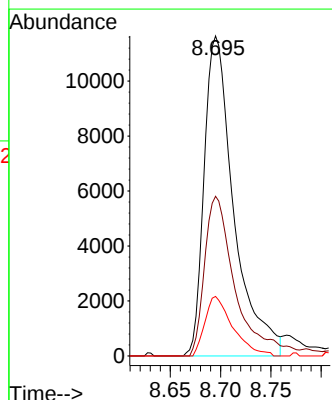
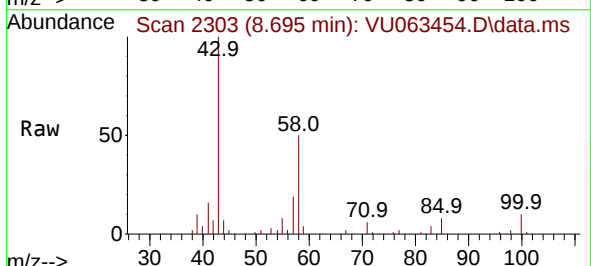
Tgt Ion: 43 Resp: 23923

Ion Ratio Lower Upper

43 100

58 51.6 36.9 76.9

57 17.5 0.0 38.8

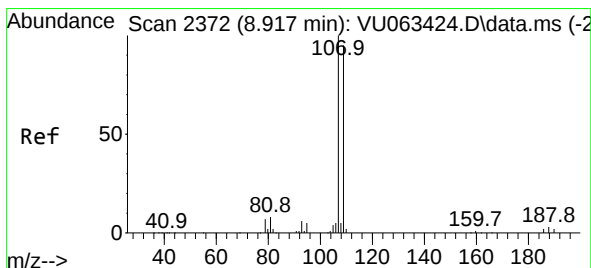
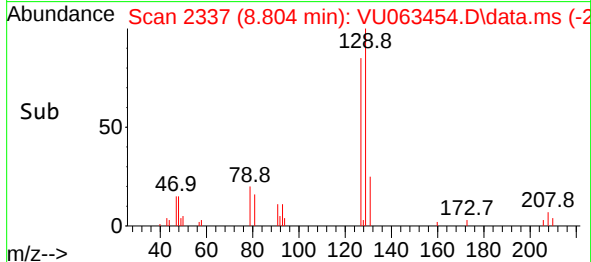
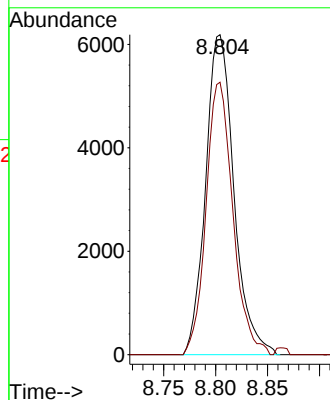
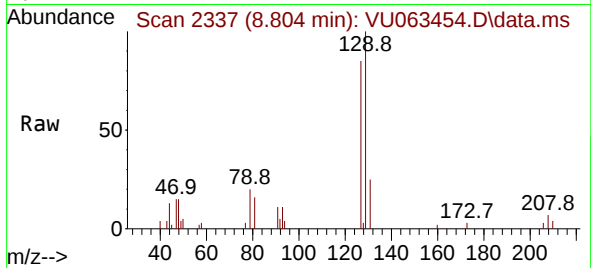




#55
Dibromochloromethane
Concen: 0.970 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

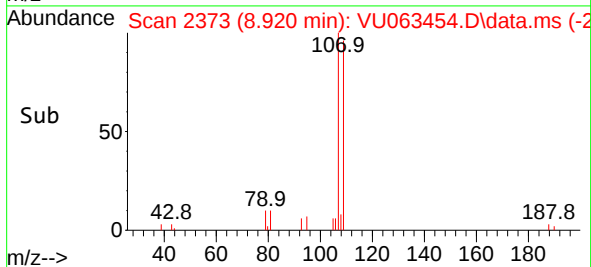
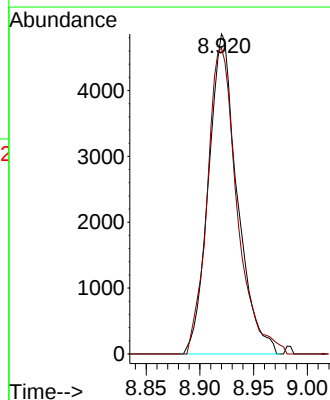
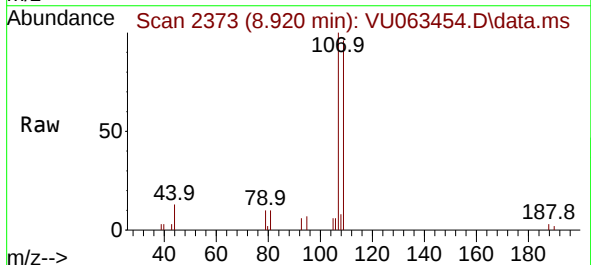
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

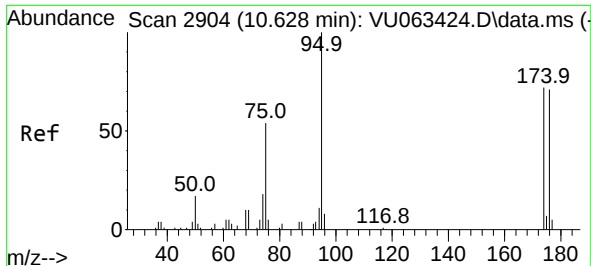
Tgt Ion:129 Resp: 11748
Ion Ratio Lower Upper
129 100
127 80.5 62.6 93.8



#56
1,2-Dibromoethane
Concen: 0.950 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:107 Resp: 9041
Ion Ratio Lower Upper
107 100
109 99.1 0.0 188.0

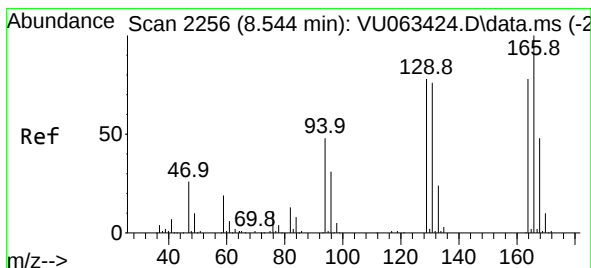
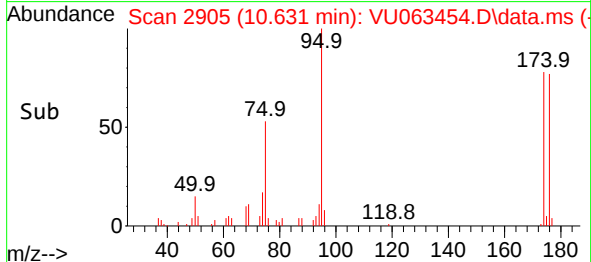
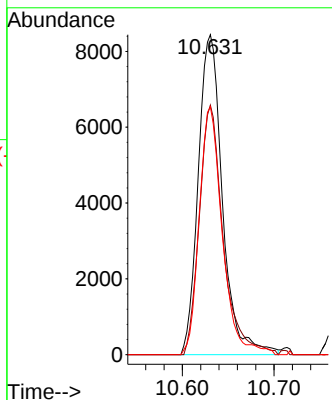
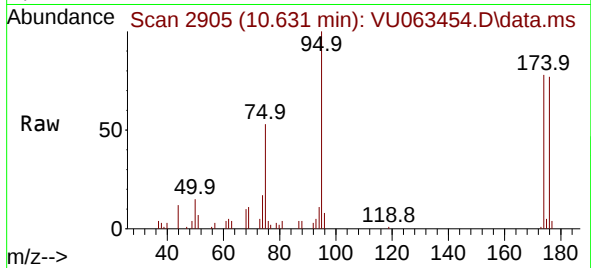




#57
4-Bromofluorobenzene
Concen: 0.884 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.002 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

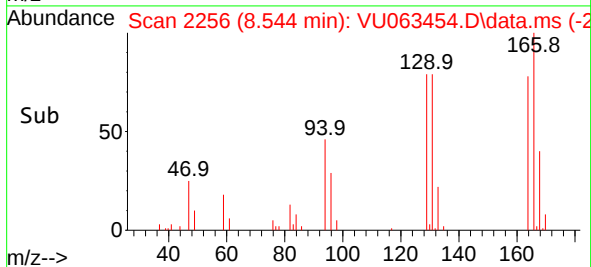
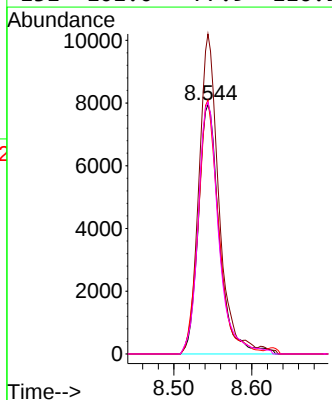
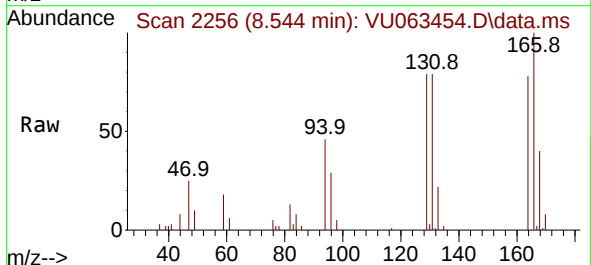
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

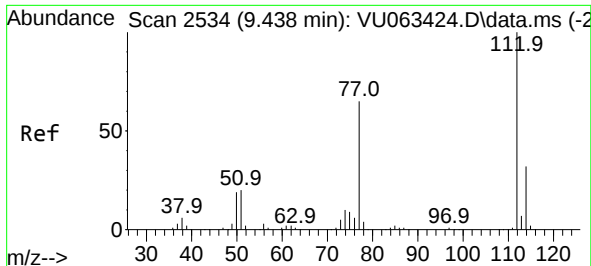
Tgt Ion: 95 Resp: 15500
Ion Ratio Lower Upper
95 100
174 76.5 59.4 89.2
176 73.7 57.8 86.6



#58
Tetrachloroethene
Concen: 1.027 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:164 Resp: 14810
Ion Ratio Lower Upper
164 100
166 128.4 102.8 154.2
129 101.9 80.2 120.2
131 101.0 77.9 116.9

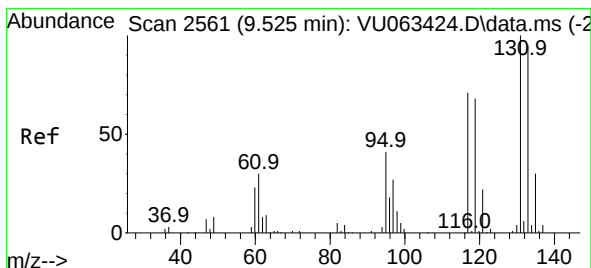
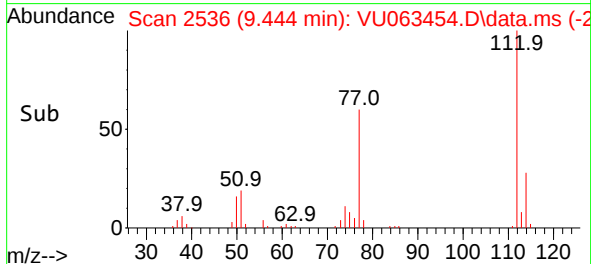
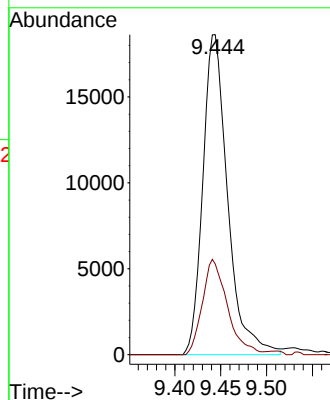
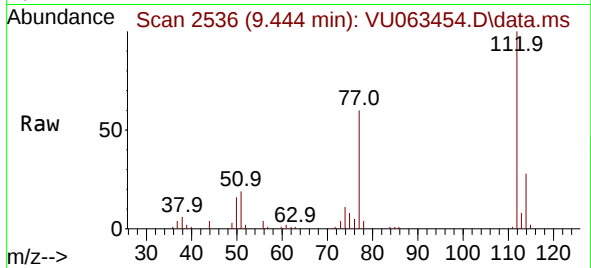




#59
Chlorobenzene
Concen: 0.958 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

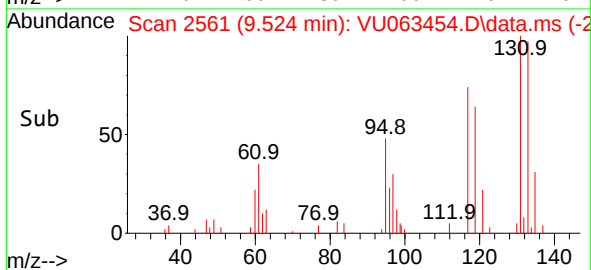
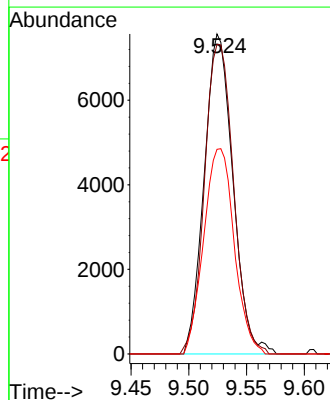
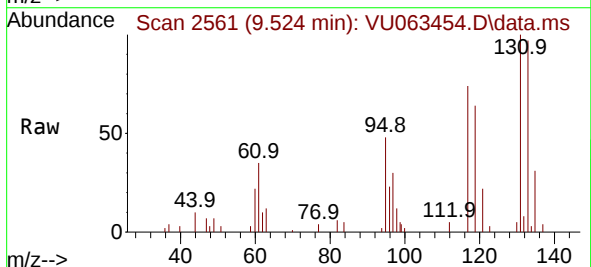
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

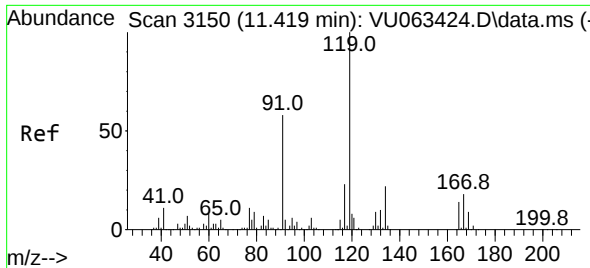
Tgt Ion:112 Resp: 35039
Ion Ratio Lower Upper
112 100
114 28.4 25.7 38.5



#60
1,1,1,2-Tetrachloroethane
Concen: 0.993 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:131 Resp: 13075
Ion Ratio Lower Upper
131 100
133 97.9 76.1 114.1
119 68.2 53.7 80.5

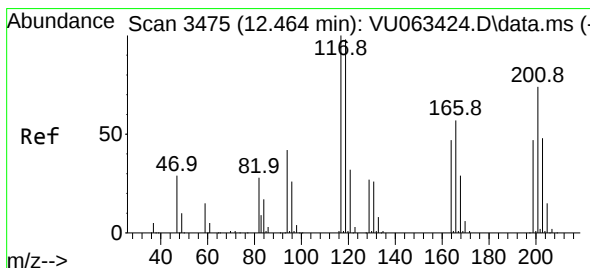
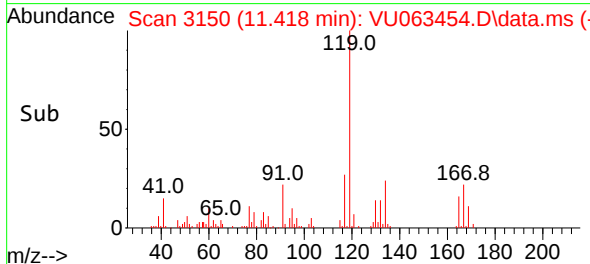
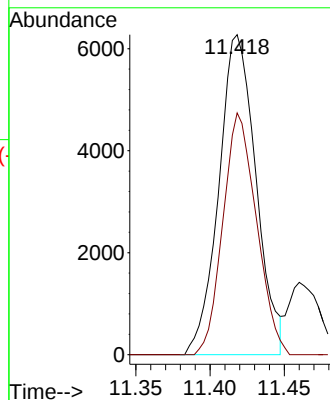
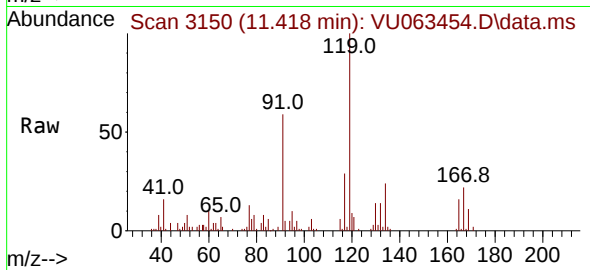




#61
Pentachloroethane
Concen: 1.019 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

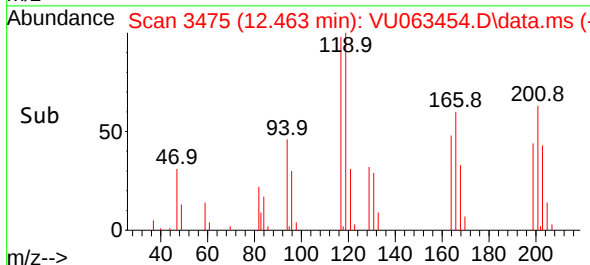
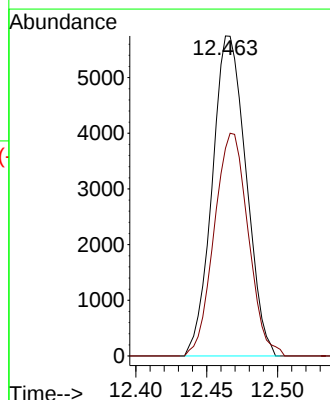
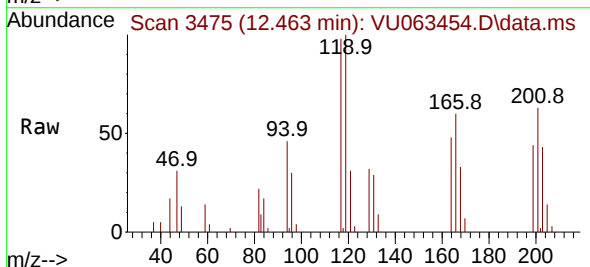
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025

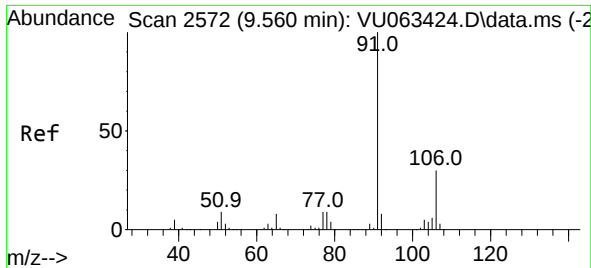
Tgt Ion:117 Resp: 10934
Ion Ratio Lower Upper
117 100
167 68.0 58.1 87.1



#62
Hexachloroethane
Concen: 0.991 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:117 Resp: 9561
Ion Ratio Lower Upper
117 100
201 69.9 60.4 90.6

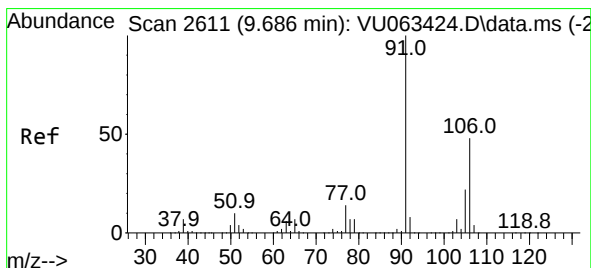
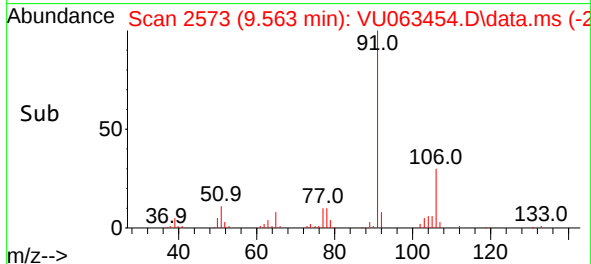
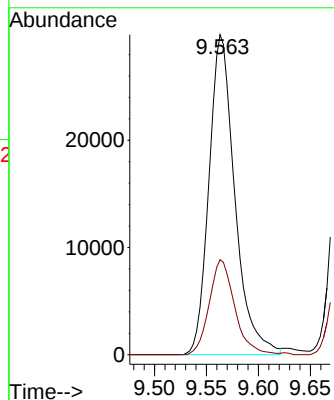
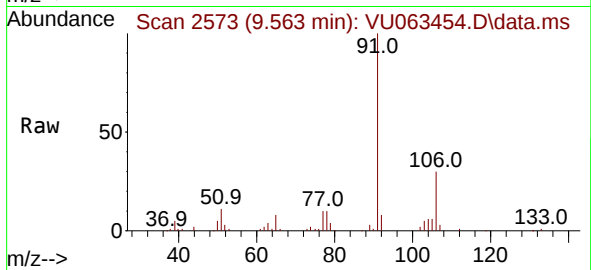




#63
Ethyl Benzene
Concen: 0.880 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

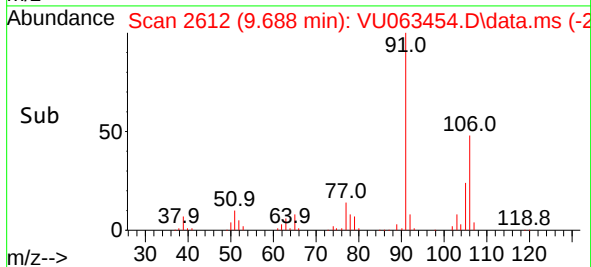
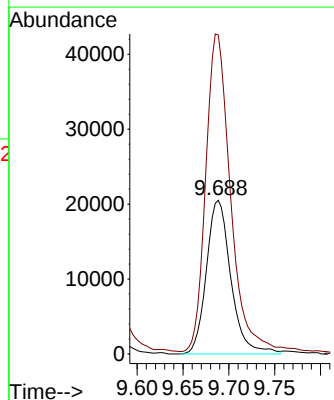
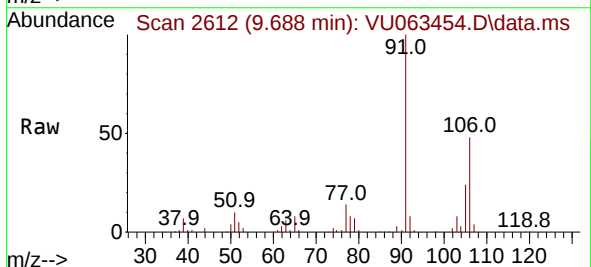
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

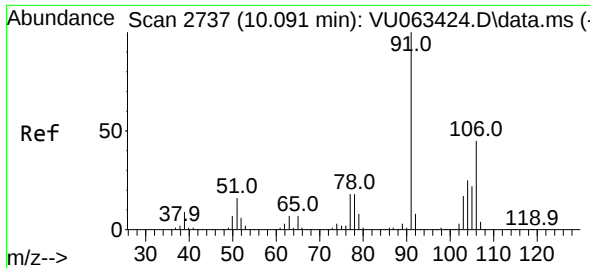
Tgt Ion: 91 Resp: 51613
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2



#64
m/p-Xylenes
Concen: 1.670 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:106 Resp: 38201
Ion Ratio Lower Upper
106 100
91 208.8 169.9 254.9

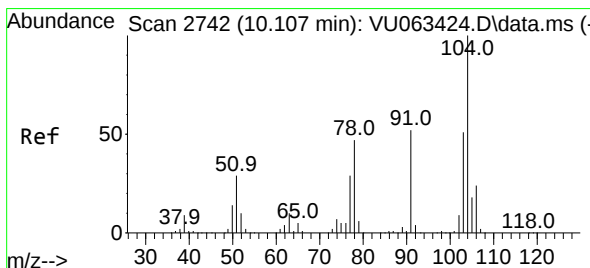
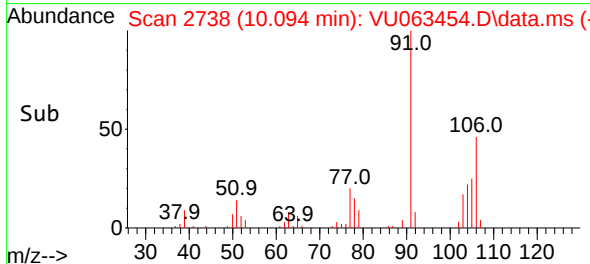
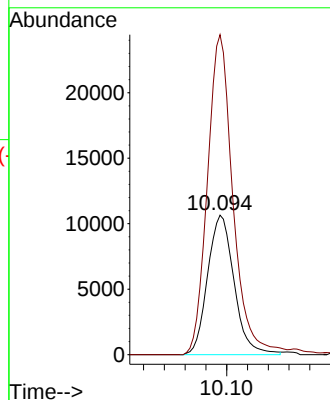
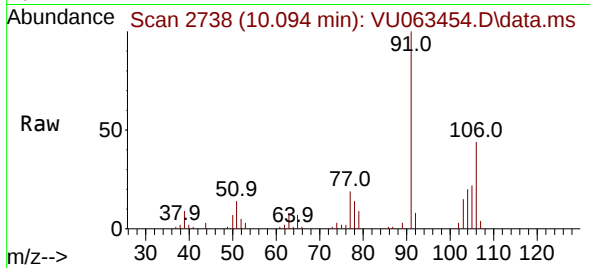




#65
o-Xylene
Concen: 0.846 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

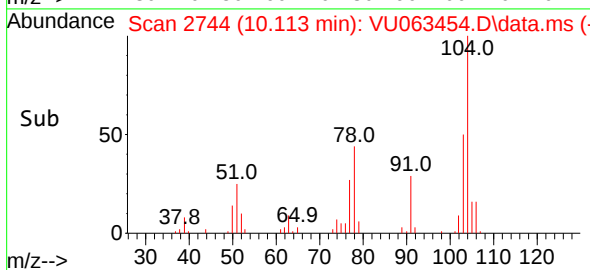
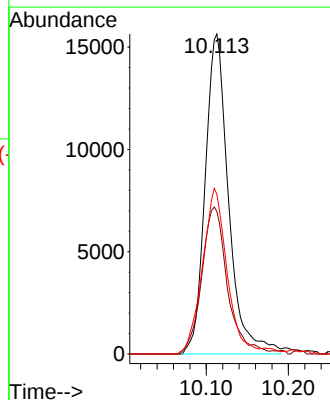
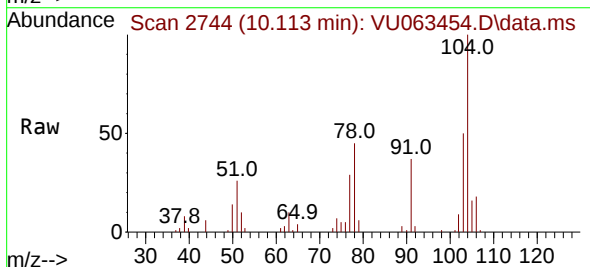
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion:106 Resp: 18857
Ion Ratio Lower Upper
106 100
91 220.8 110.8 332.3



#66
Styrene
Concen: 0.856 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:104 Resp: 31047
Ion Ratio Lower Upper
104 100
78 50.1 41.6 62.4
103 54.1 44.6 67.0





#67

Bromoform

Concen: 0.967 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

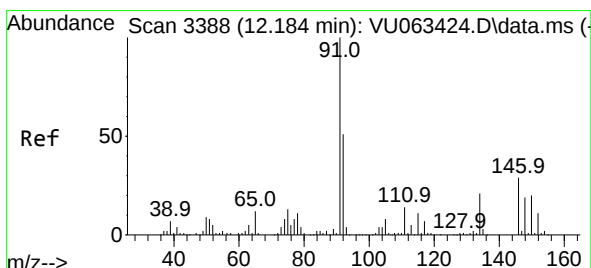
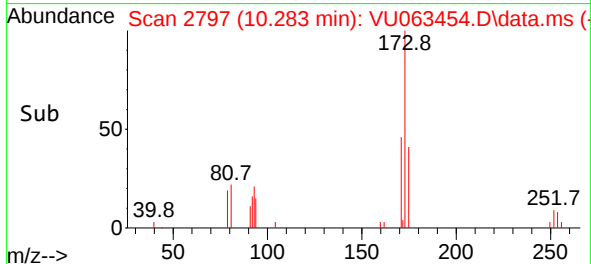
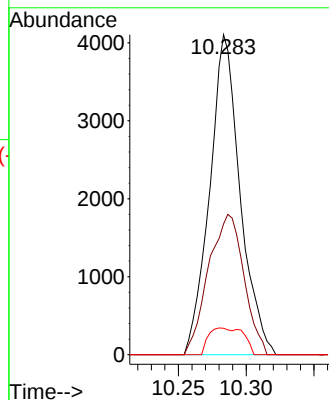
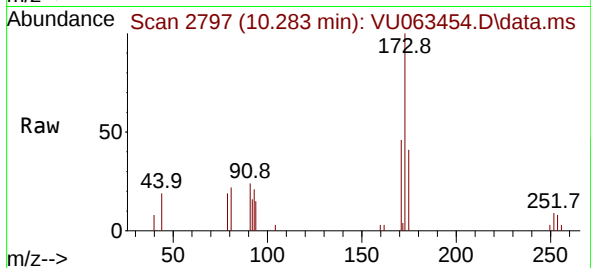
Tgt Ion:173 Resp: 6399

Ion Ratio Lower Upper

173 100

175 51.1 38.2 57.2

254 9.5 7.6 11.4



#68

1,2-Dichlorobenzene-d4

Concen: 0.944 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VU063454.D

Acq: 25 Jun 2025 12:31

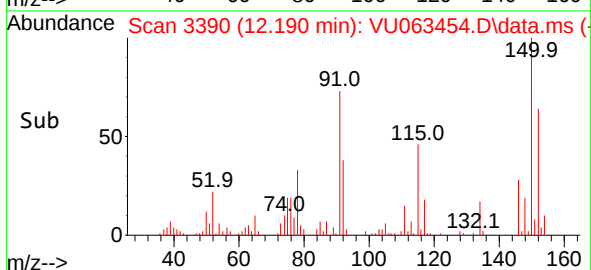
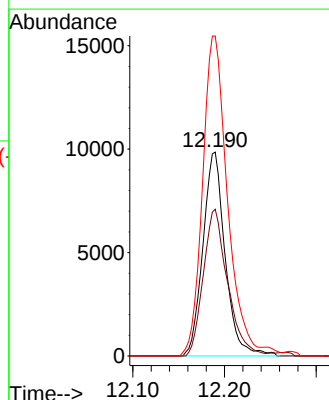
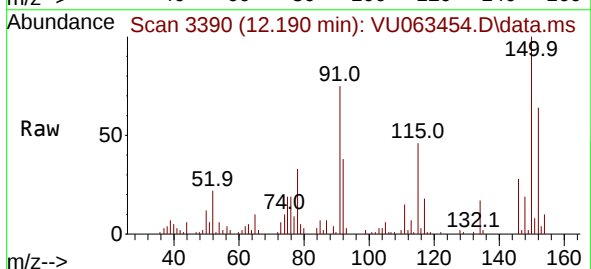
Tgt Ion:152 Resp: 16620

Ion Ratio Lower Upper

152 100

115 78.4 0.0 327.6

150 177.3 0.0 664.4

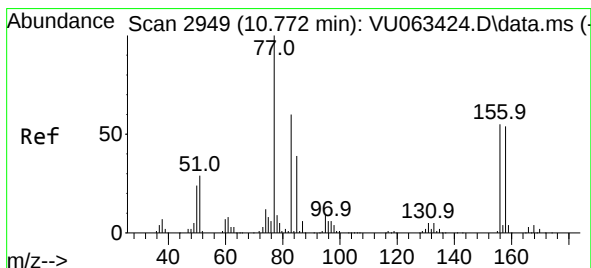
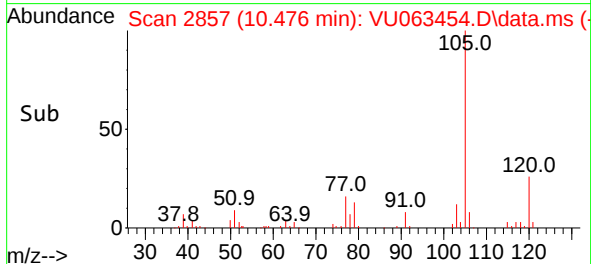
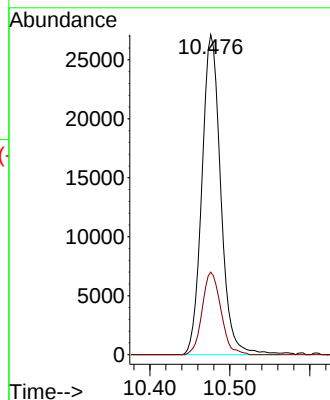
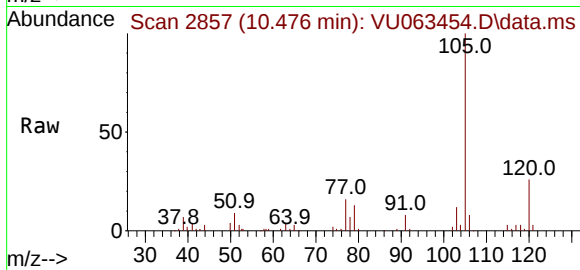




#69
Isopropylbenzene
Concen: 0.863 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

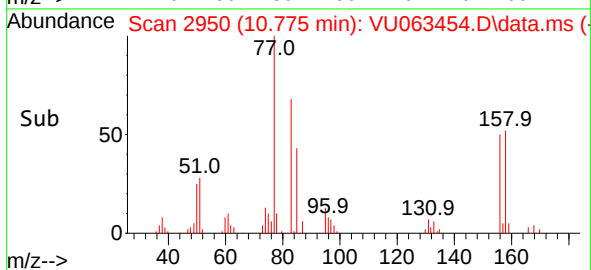
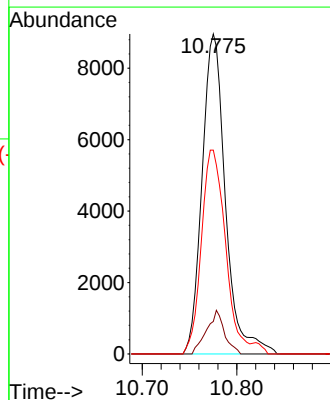
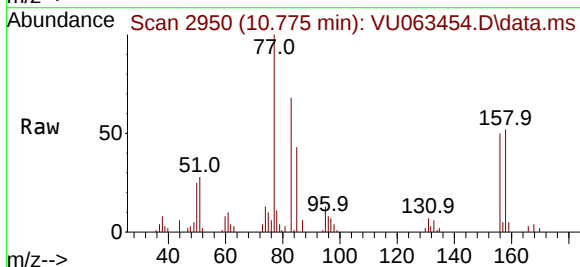
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

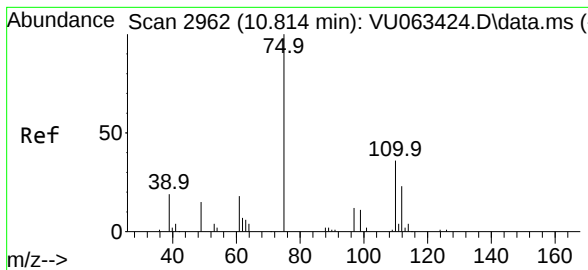
Tgt Ion:105 Resp: 44545
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.1



#70
1,1,2,2-Tetrachloroethane
Concen: 1.022 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 83 Resp: 15342
Ion Ratio Lower Upper
83 100
131 10.4 7.4 11.0
85 65.5 51.3 76.9

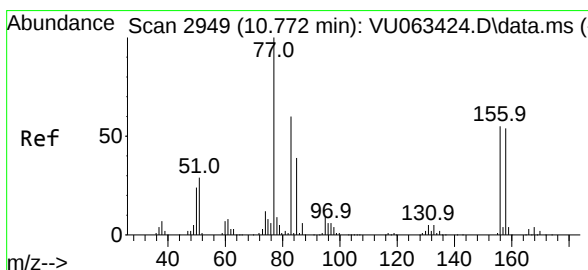
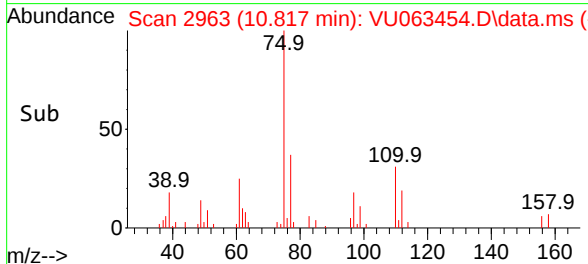
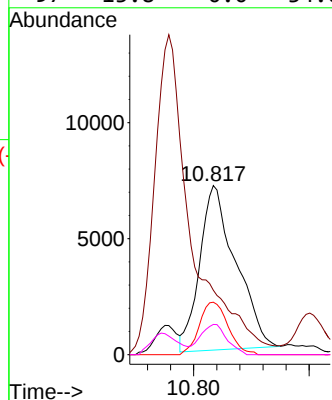
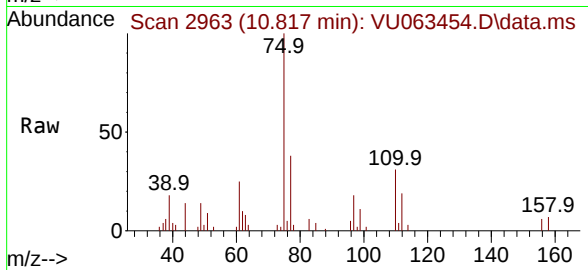




#71
1,2,3-Trichloropropane
Concen: 1.254 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

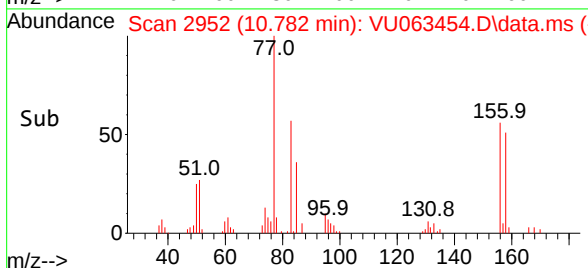
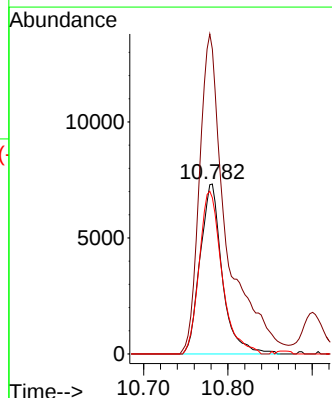
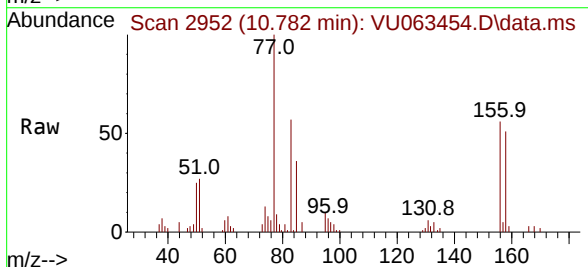
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

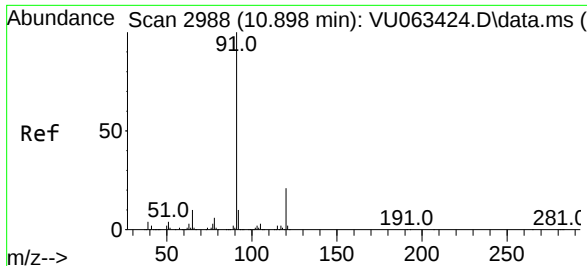
Tgt Ion:	75	Resp:	15372
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	25.4	0.0	63.4
97	13.8	0.0	34.0



#72
Bromobenzene
Concen: 0.926 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:	156	Resp:	13414
Ion Ratio	Lower	Upper	
156	100		
77	229.4	0.0	416.2
158	98.6	0.0	190.6

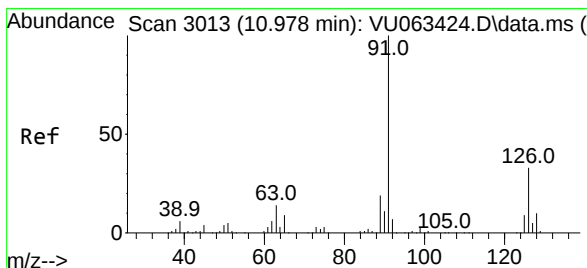
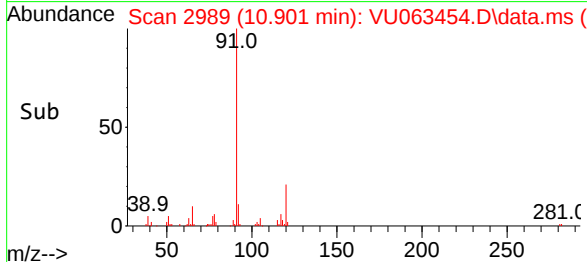
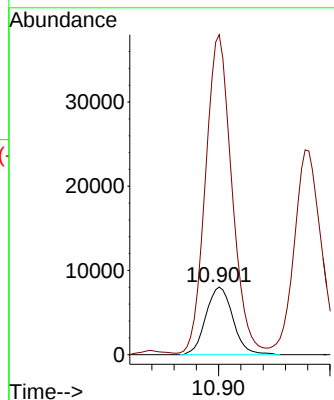
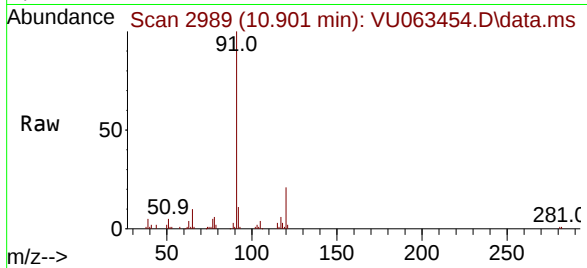




#73
n-propylbenzene
Concen: 0.863 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

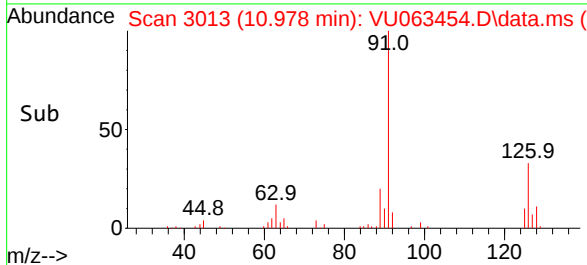
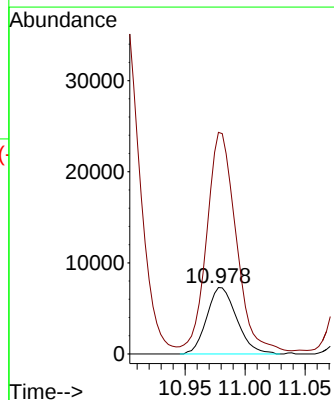
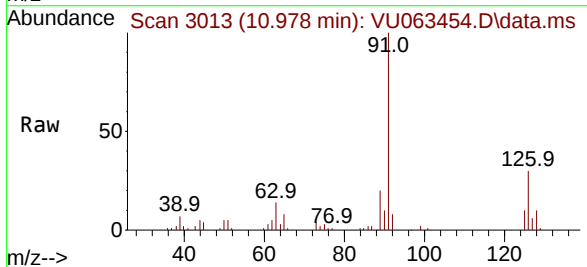
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

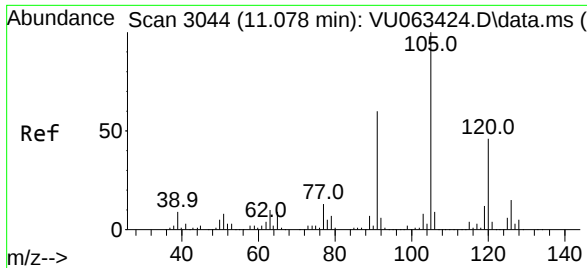
Tgt Ion:120 Resp: 13516
Ion Ratio Lower Upper
120 100
91 457.7 373.7 560.5



#74
2-Chlorotoluene
Concen: 0.881 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:126 Resp: 12620
Ion Ratio Lower Upper
126 100
91 323.3 0.0 650.8

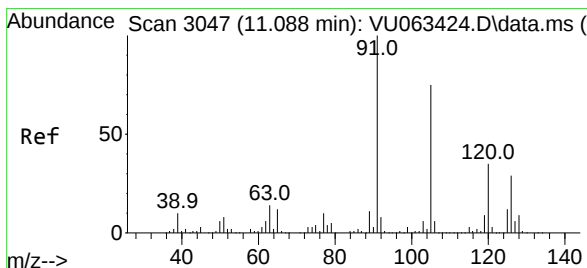
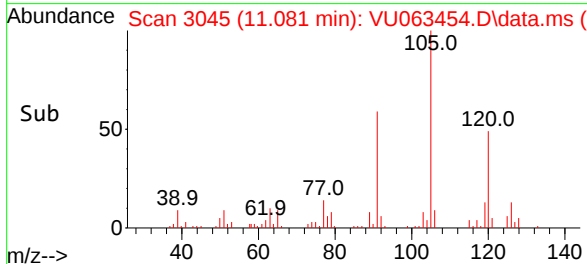
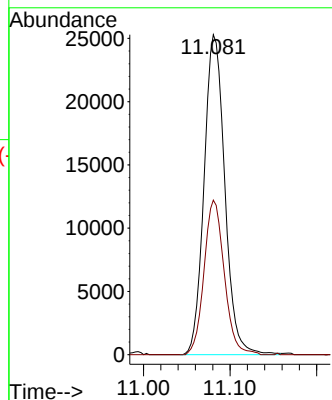
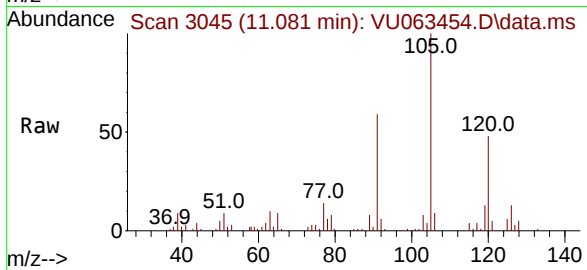




#75
1,3,5-Trimethylbenzene
Concen: 0.839 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

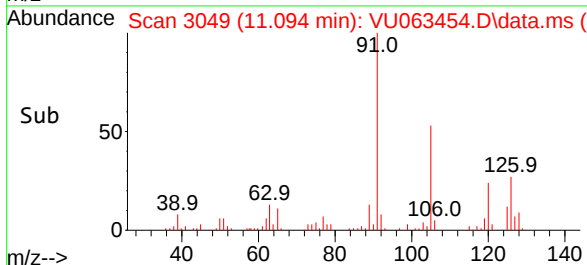
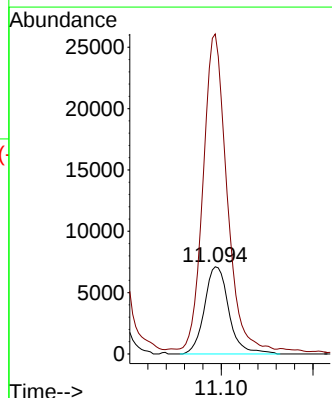
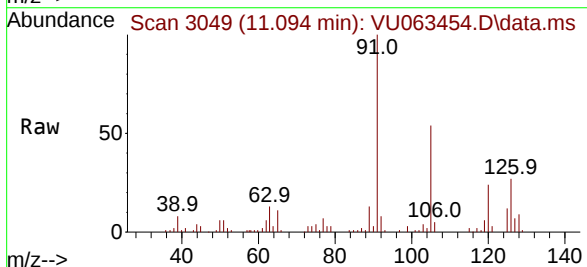
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

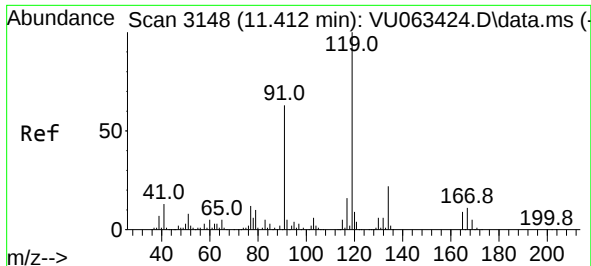
Tgt Ion:105 Resp: 42102
Ion Ratio Lower Upper
105 100
120 47.1 37.0 55.4



#76
4-Chlorotoluene
Concen: 0.873 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:126 Resp: 13088
Ion Ratio Lower Upper
126 100
91 349.1 0.0 713.2

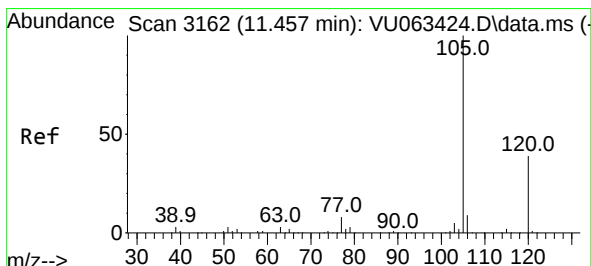
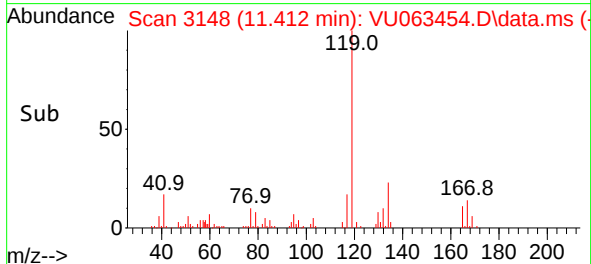
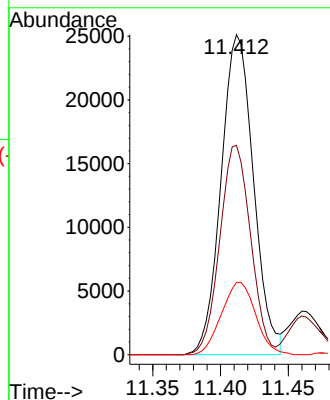
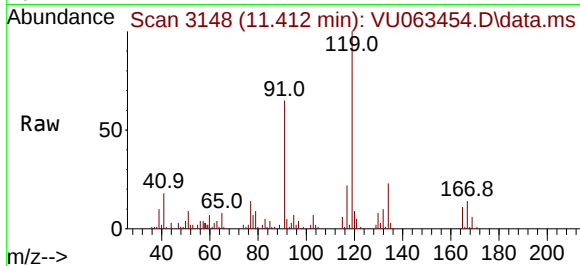




#77
tert-Butylbenzene
Concen: 0.881 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

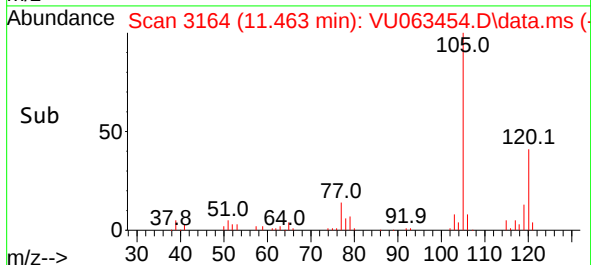
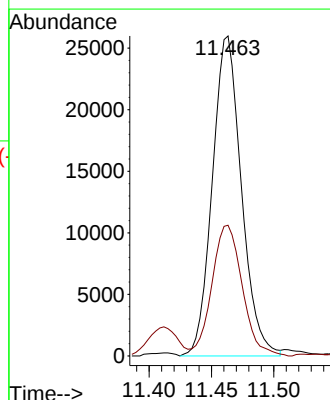
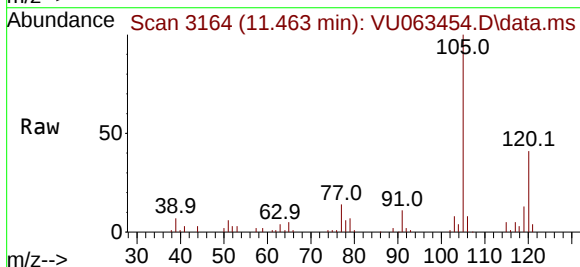
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

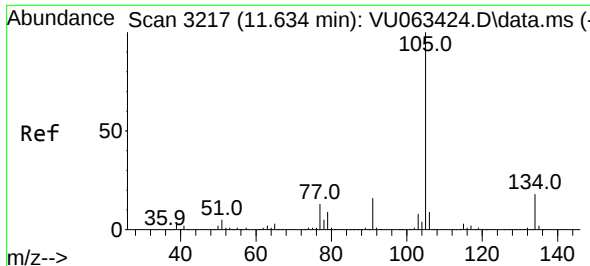
Tgt Ion:	119	Resp:	41793
Ion Ratio	Lower	Upper	
119	100		
91	62.3	30.9	92.7
134	23.8	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.836 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:	105	Resp:	42246
Ion Ratio	Lower	Upper	
105	100		
120	42.6	22.1	66.5

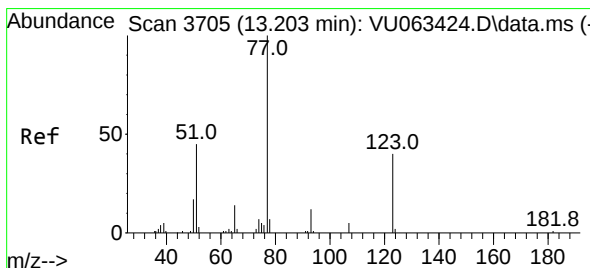
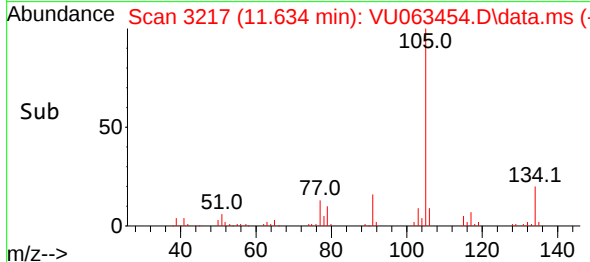
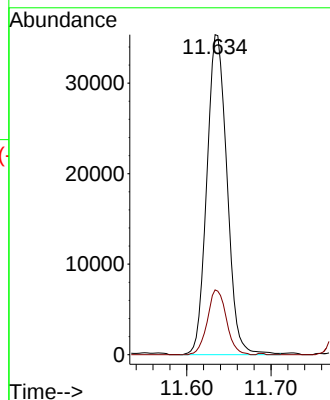
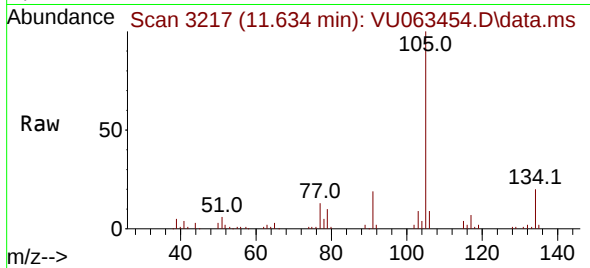




#79
 sec-Butylbenzene
 Concen: 0.876 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

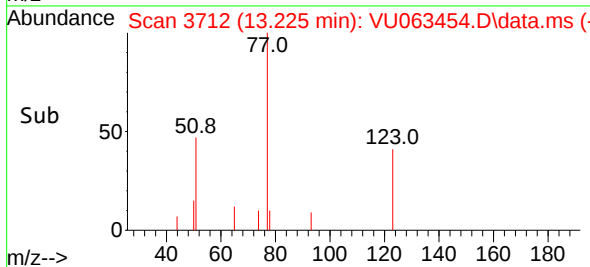
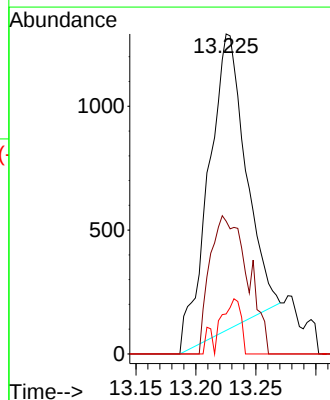
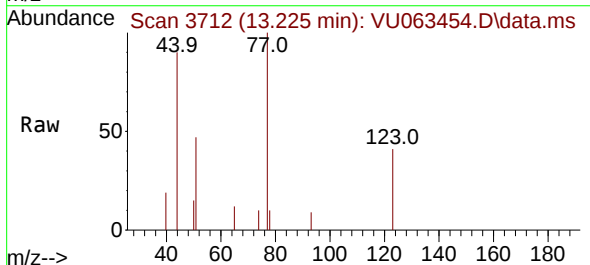
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

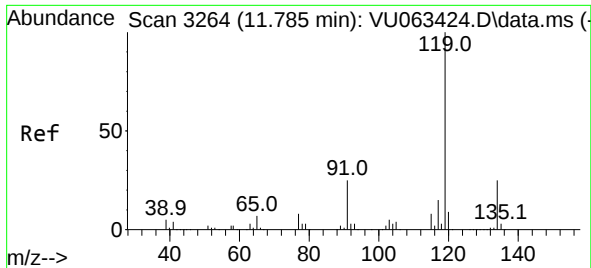
Tgt Ion:105 Resp: 58832
 Ion Ratio Lower Upper
 105 100
 134 19.1 14.8 22.2



#80
 Nitrobenzene
 Concen: 3.785 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

Tgt Ion: 77 Resp: 2589
 Ion Ratio Lower Upper
 77 100
 123 47.2 19.6 69.6
 65 9.1 10.6 13.4#

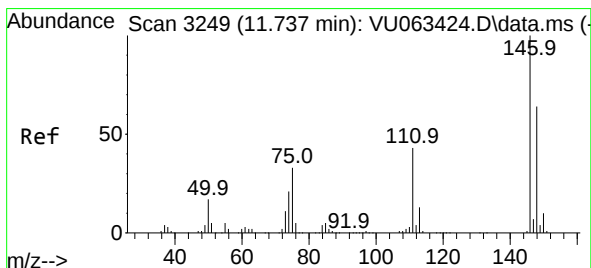
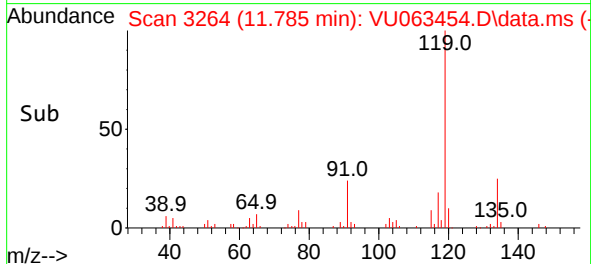
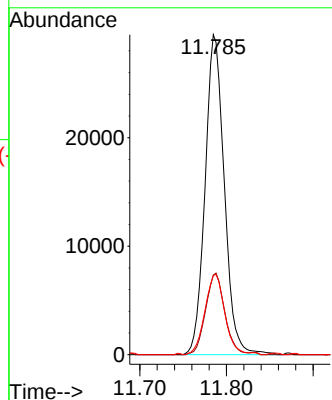
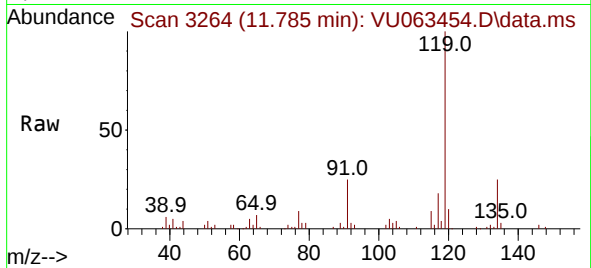




#81
 p-Isopropyltoluene
 Concen: 0.866 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

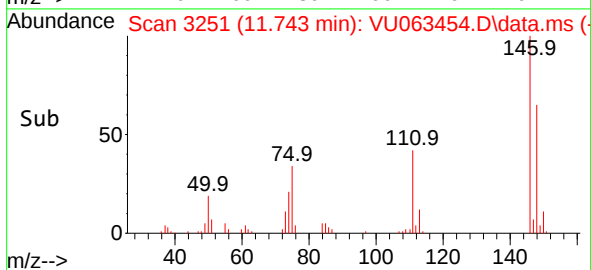
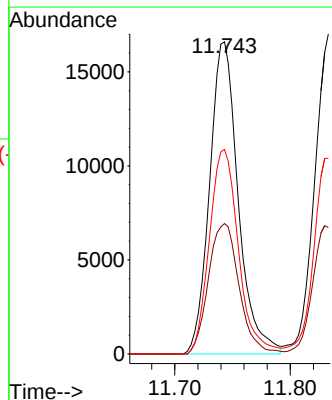
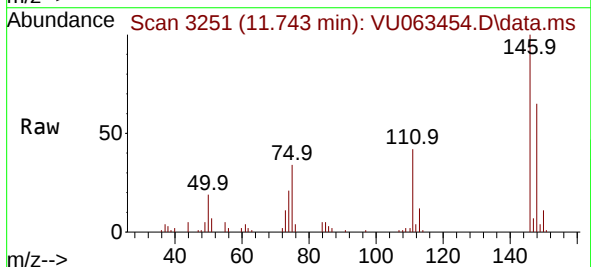
Instrument :
 MSVOA_U
 ClientSampleId :
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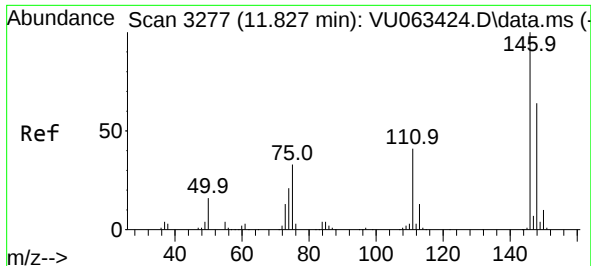
Tgt Ion:	119	Resp:	45478
Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.2	30.2
91	26.1	19.7	29.5



#82
 1,3-Dichlorobenzene
 Concen: 0.952 ug/l
 RT: 11.743 min Scan# 3251
 Delta R.T. 0.006 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

Tgt Ion:	146	Resp:	28581
Ion	Ratio	Lower	Upper
146	100		
111	44.9	34.3	51.5
148	66.5	51.0	76.4

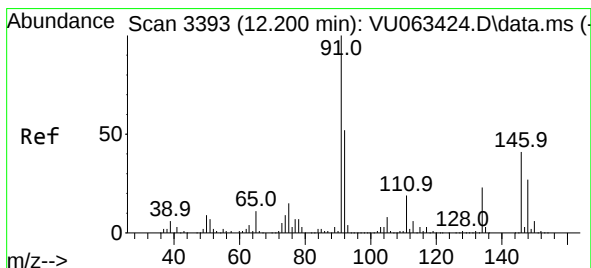
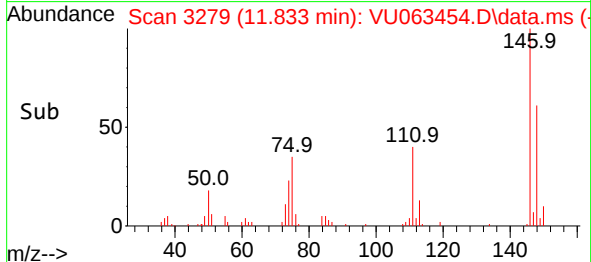
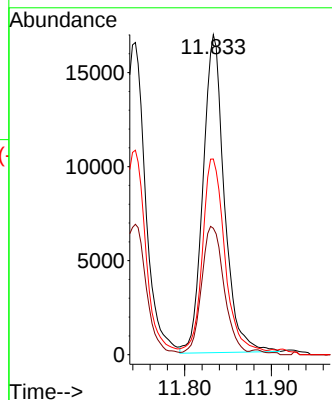
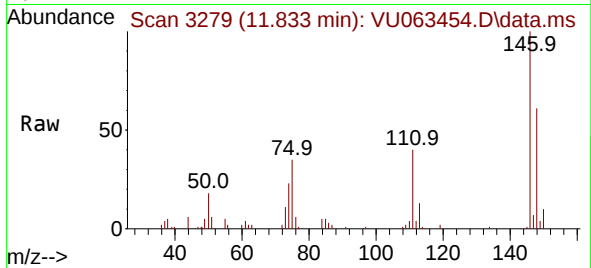




#83
1,4-Dichlorobenzene
Concen: 0.929 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

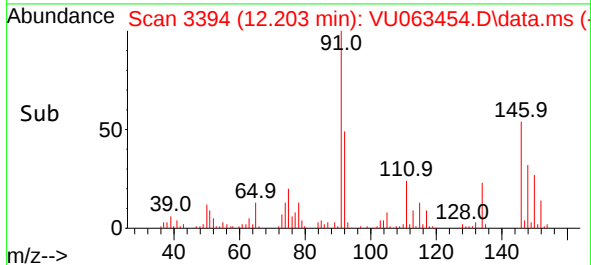
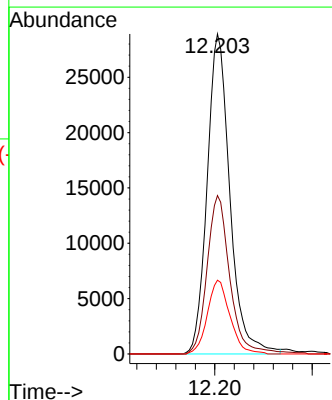
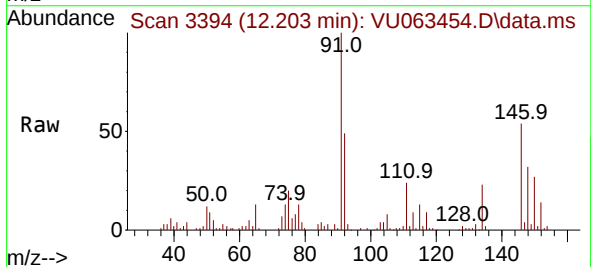
Instrument :
MSVOA_U
ClientSampleId :
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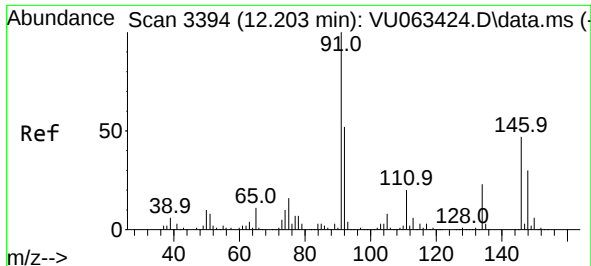
Tgt Ion:146 Resp: 28915
Ion Ratio Lower Upper
146 100
111 41.2 31.7 47.5
148 63.1 51.4 77.0



#84
n-Butylbenzene
Concen: 0.851 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion: 91 Resp: 46765
Ion Ratio Lower Upper
91 100
92 49.8 41.0 61.6
134 22.9 18.5 27.7

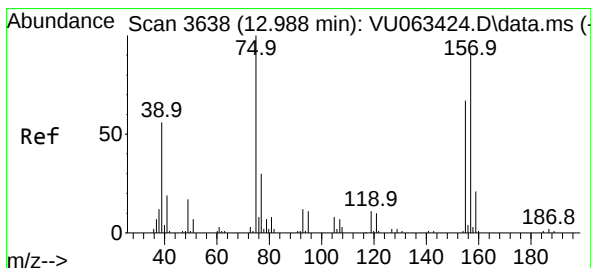
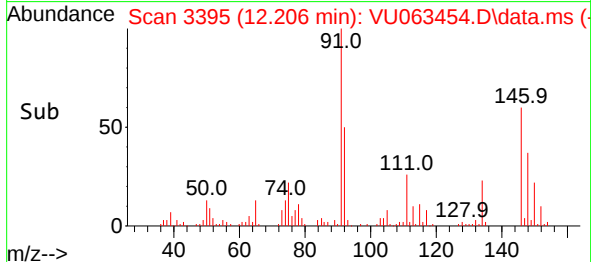
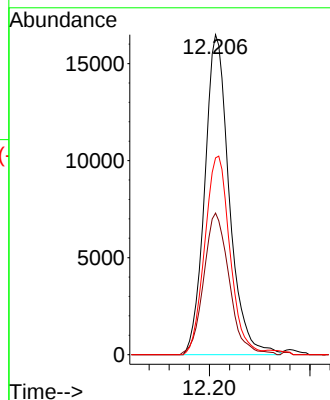
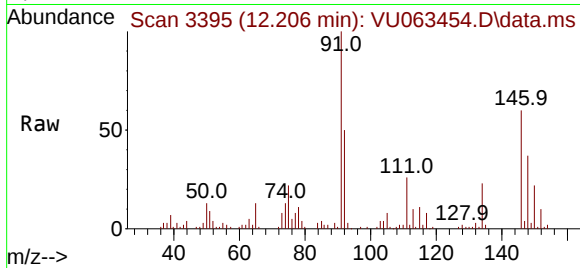




#85
 1,2-Dichlorobenzene
 Concen: 0.972 ug/l
 RT: 12.206 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

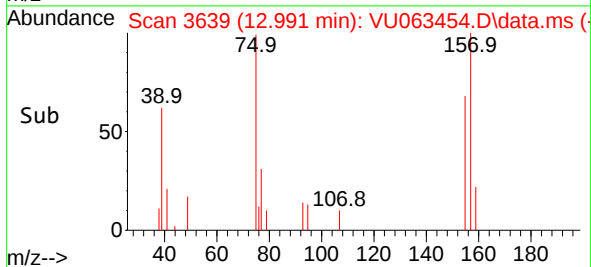
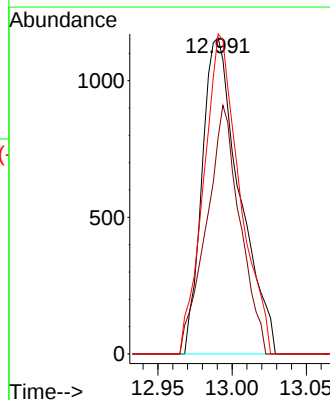
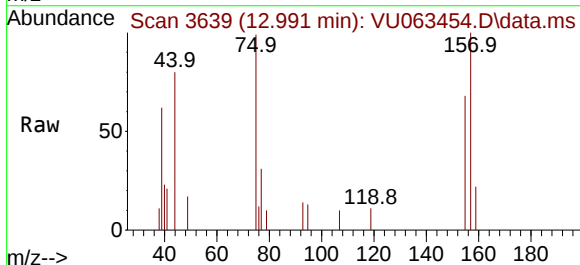
Instrument :
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 LOQ-WATER-02-QT2-2025

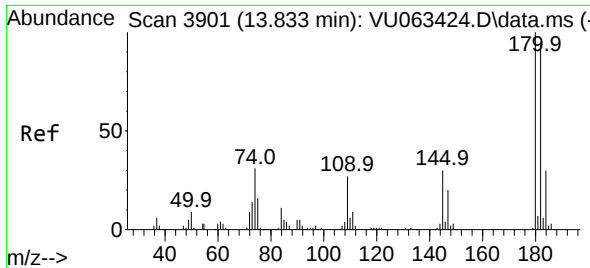
Tgt Ion:	146	Resp:	27917
Ion	Ratio	Lower	Upper
146	100		
111	45.9	21.8	65.4
148	63.9	32.3	96.9



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.982 ug/l
 RT: 12.991 min Scan# 3639
 Delta R.T. 0.003 min
 Lab File: VU063454.D
 Acq: 25 Jun 2025 12:31

Tgt Ion:	75	Resp:	2026
Ion	Ratio	Lower	Upper
75	100		
155	70.6	59.7	89.5
157	97.6	75.0	112.4

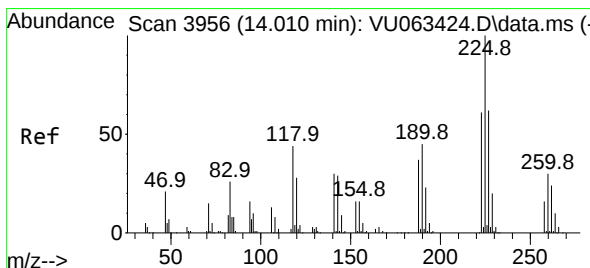
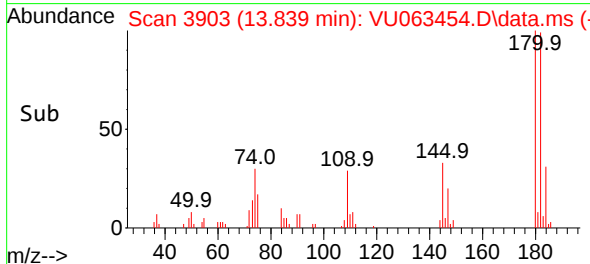
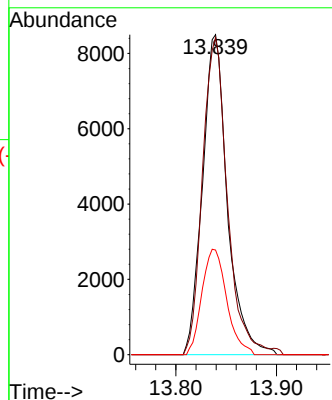
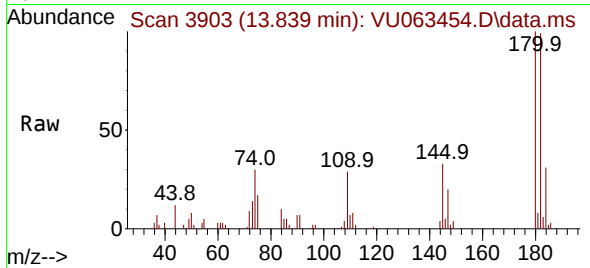




#87
1,2,4-Trichlorobenzene
Concen: 0.914 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

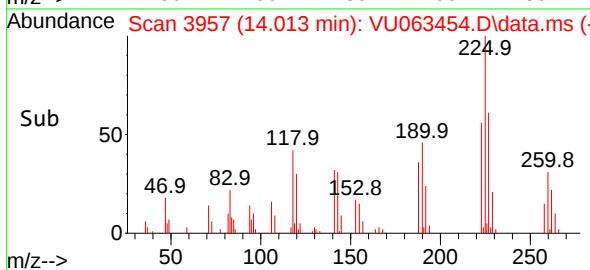
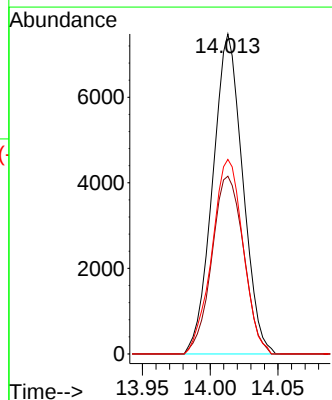
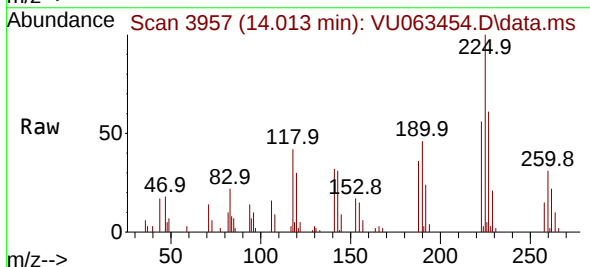
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

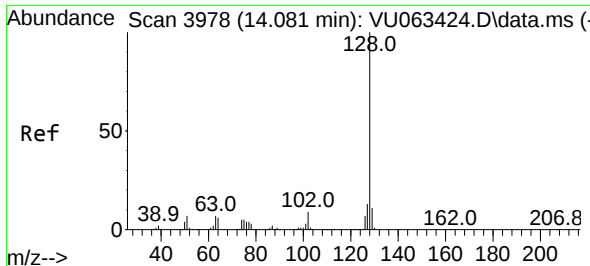
Tgt Ion:180 Resp: 14633
Ion Ratio Lower Upper
180 100
182 99.1 75.6 113.4
145 32.9 24.6 36.8



#88
Hexachlorobutadiene
Concen: 1.015 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:225 Resp: 11527
Ion Ratio Lower Upper
225 100
223 58.8 50.0 75.0
227 63.0 51.5 77.3

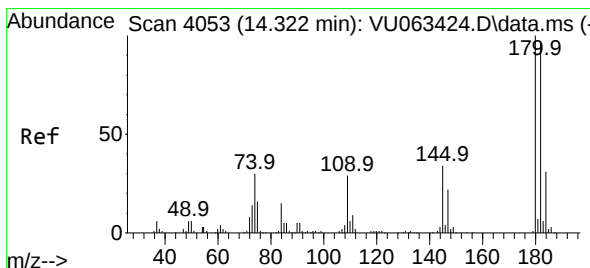
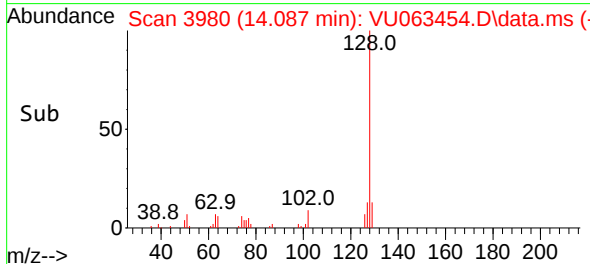
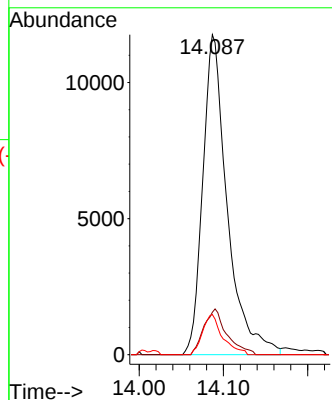
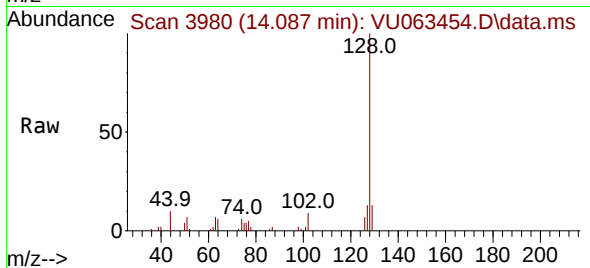




#89
Naphthalene
Concen: 0.891 ug/l
RT: 14.087 min Scan# 3978
Delta R.T. 0.006 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion:128	Resp:	23772
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.4 15.6
129	10.3	8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 0.899 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063454.D
Acq: 25 Jun 2025 12:31

Tgt Ion:180	Resp:	14322
Ion Ratio	Lower	Upper
180	100	
182	94.0	76.7 115.1
145	29.9	27.4 41.2

