

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111225\
 Data File : VU063717.D
 Acq On : 12 Nov 2025 14:05
 Operator : MD/SY
 Sample : Q3530-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 14 05:02:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 04:59:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.341	168	181671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	308405	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	292254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	156667	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.669	65	131879	49.141	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.280%
35) Dibromofluoromethane	5.258	113	102723	47.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	7.869	98	356521	45.943	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.880%#
62) 4-Bromofluorobenzene	10.608	95	149812	46.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.374	85	5632	5.133	ug/l	96
3) Chloromethane	1.509	50	6243	4.893	ug/l	90
4) Vinyl Chloride	1.589	62	7478	5.542	ug/l	100
5) Bromomethane	1.830	94	6807	7.184	ug/l	97
6) Chloroethane	1.911	64	5627	5.514	ug/l	93
7) Trichlorofluoromethane	2.116	101	14176	5.490	ug/l	92
8) Diethyl Ether	2.354	74	5760	5.247	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.554	101	8708	5.308	ug/l	97
10) Methyl Iodide	2.692	142	7937	4.854	ug/l	98
11) Tert butyl alcohol	3.161	59	15045	24.028	ug/l	98
12) 1,1-Dichloroethene	2.554	96	7844	5.553	ug/l	96
13) Acrolein	2.460	56	2153	43.006	ug/l #	63
14) Allyl chloride	2.898	41	13118	4.979	ug/l	92
15) Acrylonitrile	3.293	53	33141	25.844	ug/l	94
16) Acetone	2.605	43	56840	32.381	ug/l	99
17) Carbon Disulfide	2.766	76	10506	5.055	ug/l	99
18) Methyl Acetate	2.930	43	12035	2.890	ug/l	96
19) Methyl tert-butyl Ether	3.335	73	33274	5.220	ug/l	99
20) Methylene Chloride	3.017	84	11262	5.628	ug/l	97
21) trans-1,2-Dichloroethene	3.325	96	7883	5.435	ug/l	95
22) Diisopropyl ether	3.962	45	30565	5.267	ug/l #	55
23) Vinyl Acetate	3.933	43	102523	25.908	ug/l	98
24) 1,1-Dichloroethane	3.837	63	18301	5.469	ug/l	96
25) 2-Butanone	4.682	43	52688	28.514	ug/l	94
26) 2,2-Dichloropropane	4.628	77	13992	4.868	ug/l	97
27) cis-1,2-Dichloroethene	4.640	96	11159	5.266	ug/l	97
28) Bromochloromethane	4.943	49	5739	4.285	ug/l #	95
29) Tetrahydrofuran	5.026	42	26823	24.947	ug/l	97
30) Chloroform	5.058	83	19805	5.402	ug/l	96
31) Cyclohexane	5.348	56	16078	6.804	ug/l #	80
32) 1,1,1-Trichloroethane	5.277	97	16514	5.489	ug/l	95
36) 1,1-Dichloropropene	5.499	75	11569	5.262	ug/l	99
37) Ethyl Acetate	4.792	43	13901	4.465	ug/l #	88
38) Carbon Tetrachloride	5.496	117	11194	4.711	ug/l	98
39) Methylcyclohexane	6.734	83	13144	5.266	ug/l	99
40) Benzene	5.746	78	36930	5.205	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.962	41	6353	3.927	ug/l #	90
42) 1,2-Dichloroethane	5.769	62	14666	5.241	ug/l	86
43) Isopropyl Acetate	5.891	43	23051	5.052	ug/l	97
44) Trichloroethene	6.515	130	10196	5.122	ug/l	98
45) 1,2-Dichloropropane	6.759	63	9824	5.094	ug/l	99
46) Dibromomethane	6.894	93	7478	5.164	ug/l	96
47) Bromodichloromethane	7.081	83	13110	4.465	ug/l	98
48) Methyl methacrylate	6.943	41	10453	4.667	ug/l	97
49) 1,4-Dioxane	6.943	88	5127	86.403	ug/l	97
51) 4-Methyl-2-Pentanone	7.766	43	82808	23.716	ug/l	99
52) Toluene	7.943	92	25199	5.473	ug/l	100
53) t-1,3-Dichloropropene	8.187	75	10470	4.235	ug/l	99
54) cis-1,3-Dichloropropene	7.582	75	12312	4.443	ug/l	94
55) 1,1,2-Trichloroethane	8.373	97	11187	5.295	ug/l	97
56) Ethyl methacrylate	8.312	69	13819	4.433	ug/l	97
57) 1,3-Dichloropropane	8.550	76	18260	5.297	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.463	63	587	15.658	ug/l #	57
59) 2-Hexanone	8.663	43	68904	26.495	ug/l	92
60) Dibromochloromethane	8.785	129	10046	4.540	ug/l	98
61) 1,2-Dibromoethane	8.897	107	10616	5.214	ug/l	98
64) Tetrachloroethene	8.528	164	9932	5.268	ug/l	98
65) Chlorobenzene	9.425	112	30221	5.292	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.508	131	9391	4.835	ug/l	95
67) Ethyl Benzene	9.547	91	48361	5.084	ug/l	98
68) m/p-Xylenes	9.672	106	36986	10.535	ug/l	97
69) o-Xylene	10.077	106	19221	5.305	ug/l	99
70) Styrene	10.097	104	28845	4.957	ug/l	100
71) Bromoform	10.267	173	6520	4.169	ug/l #	98
73) Isopropylbenzene	10.460	105	50401	5.121	ug/l	100
74) N-amyl acetate	10.303	43	14441	4.211	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.756	83	18067	4.780	ug/l	99
76) 1,2,3-Trichloropropane	10.798	75	20934	5.302	ug/l #	100
77) Bromobenzene	10.759	156	13157	5.313	ug/l	98
78) n-propylbenzene	10.881	91	55014	4.872	ug/l	99
79) 2-Chlorotoluene	10.962	91	37593	5.151	ug/l	98
80) 1,3,5-Trimethylbenzene	11.065	105	39752	4.817	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.521	75	2824	3.811	ug/l #	76
82) 4-Chlorotoluene	11.077	91	40794	4.919	ug/l	97
83) tert-Butylbenzene	11.393	119	42096	4.897	ug/l	97
84) 1,2,4-Trimethylbenzene	11.444	105	39718	4.904	ug/l	97
85) sec-Butylbenzene	11.618	105	53874	4.961	ug/l	99
86) p-Isopropyltoluene	11.769	119	41922	4.809	ug/l	98
87) 1,3-Dichlorobenzene	11.724	146	24784	5.327	ug/l	100
88) 1,4-Dichlorobenzene	11.811	146	26146	5.371	ug/l	94
89) n-Butylbenzene	12.184	91	37774	4.718	ug/l	98
90) Hexachloroethane	12.447	117	5299	3.984	ug/l	98
91) 1,2-Dichlorobenzene	12.190	146	23201	4.994	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.971	75	3237	4.179	ug/l	97
93) 1,2,4-Trichlorobenzene	13.817	180	13459	4.545	ug/l	98
94) Hexachlorobutadiene	13.991	225	7029	4.710	ug/l	100
95) Naphthalene	14.064	128	35723	4.453	ug/l	99
96) 1,2,3-Trichlorobenzene	14.302	180	13364	4.854	ug/l	95

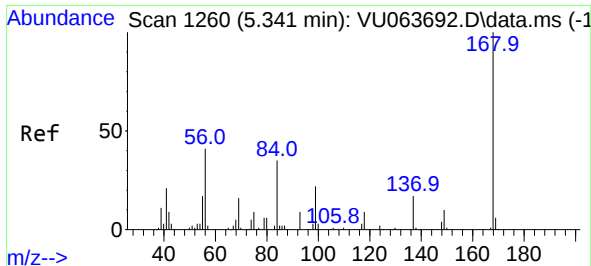
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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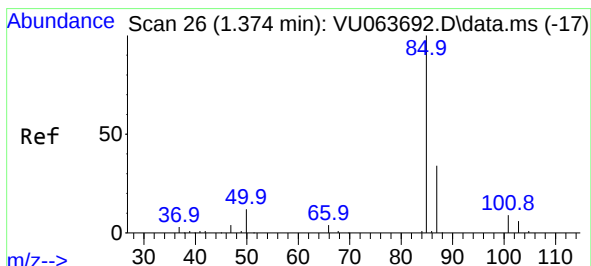
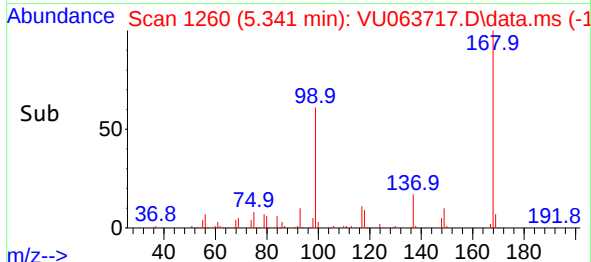
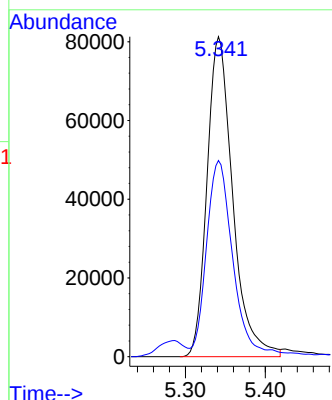
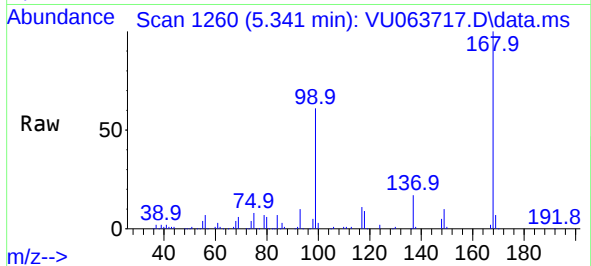
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
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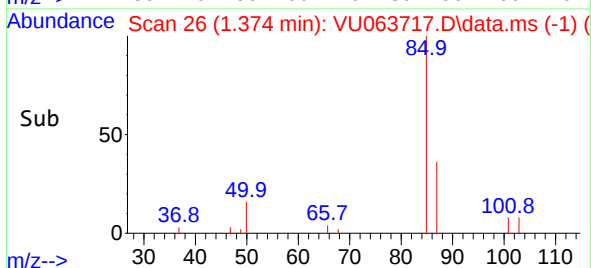
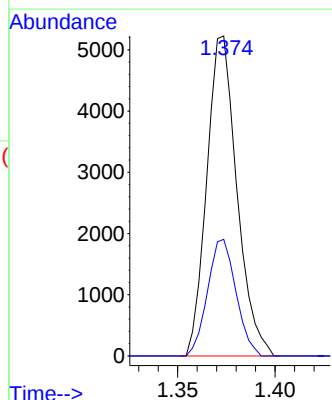
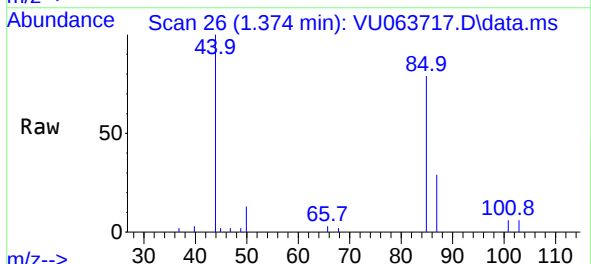
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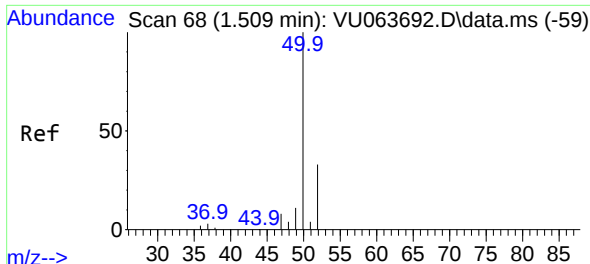
Tgt Ion:168 Resp: 181671
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 5.133 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 85 Resp: 5632
Ion Ratio Lower Upper
85 100
87 36.5 17.0 51.0

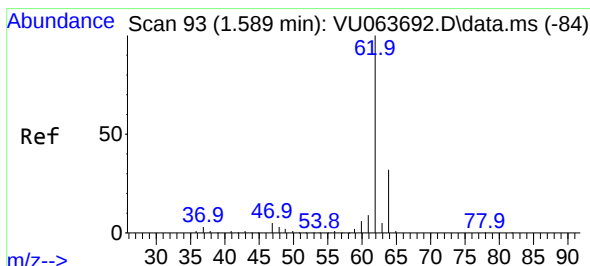
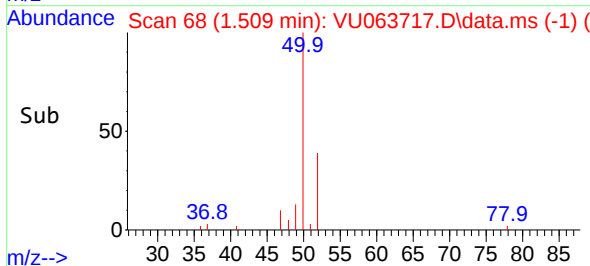
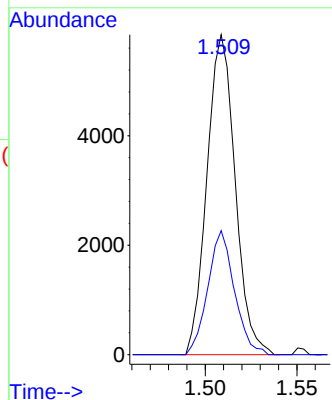
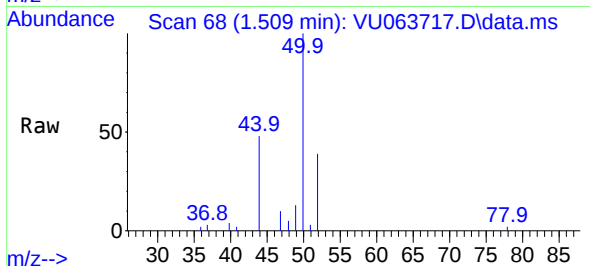




#3
Chloromethane
Concen: 4.893 ug/l
RT: 1.509 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

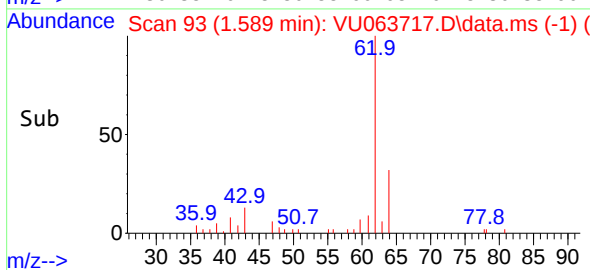
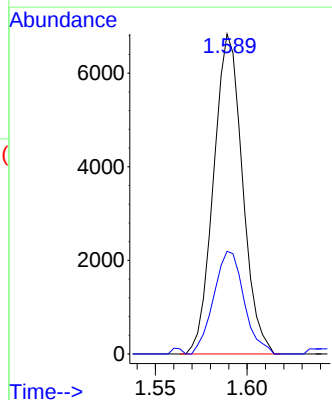
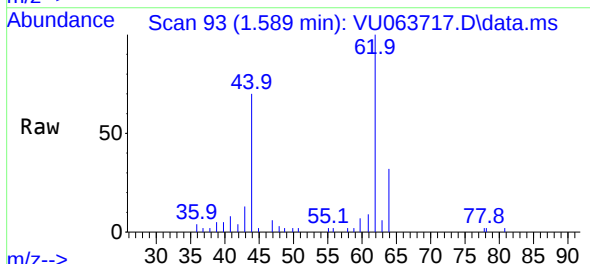
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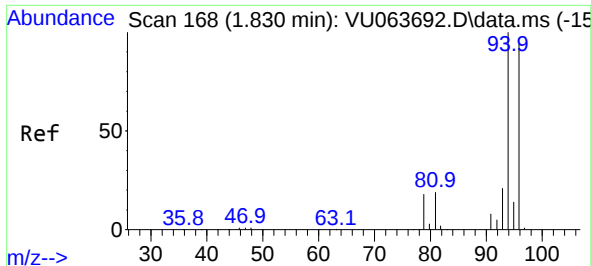
Tgt Ion: 50 Resp: 6243
Ion Ratio Lower Upper
50 100
52 38.8 26.3 39.5



#4
Vinyl Chloride
Concen: 5.542 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 62 Resp: 7478
Ion Ratio Lower Upper
62 100
64 32.1 25.9 38.9

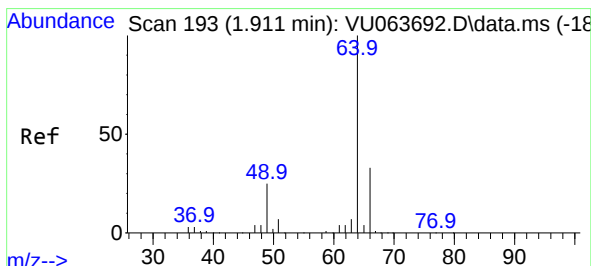
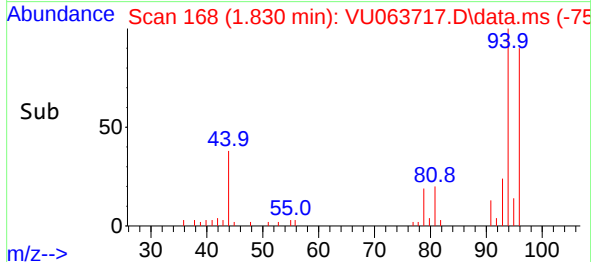
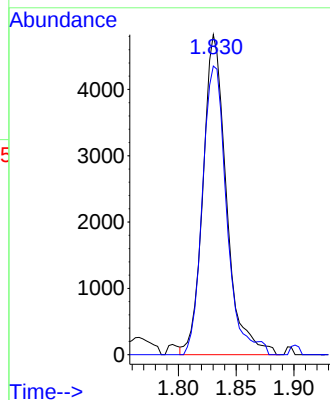
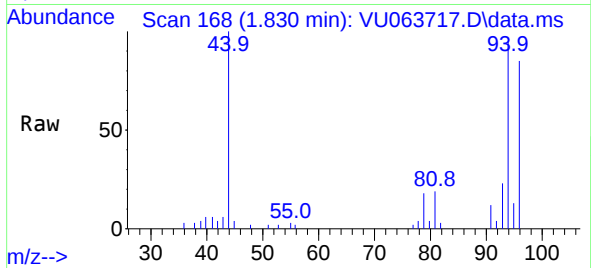




#5
Bromomethane
Concen: 7.184 ug/l
RT: 1.830 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

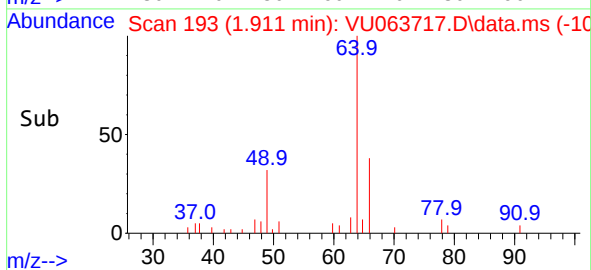
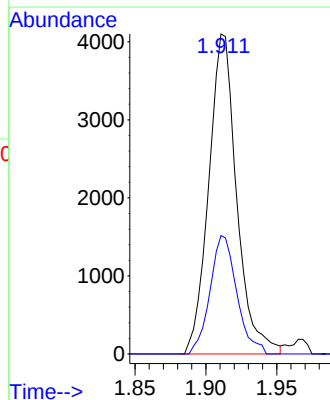
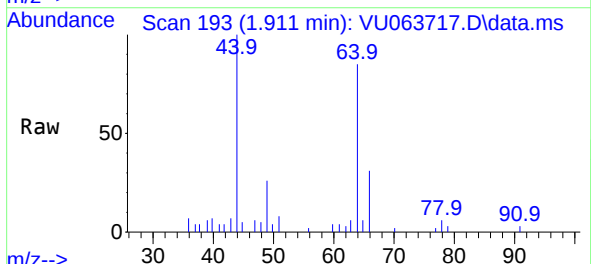
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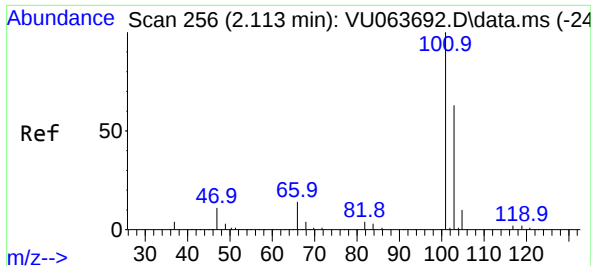
Tgt Ion: 94 Resp: 6807
Ion Ratio Lower Upper
94 100
96 90.2 74.8 112.2



#6
Chloroethane
Concen: 5.514 ug/l
RT: 1.911 min Scan# 193
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 64 Resp: 5627
Ion Ratio Lower Upper
64 100
66 37.0 26.4 39.6

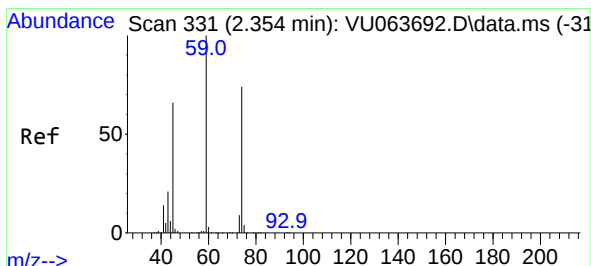
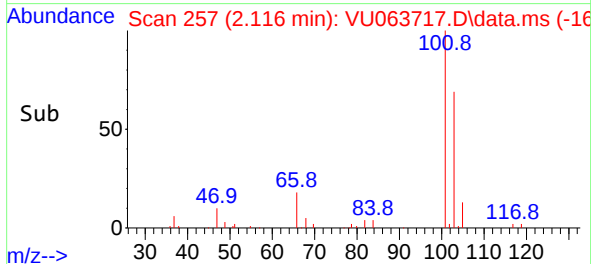
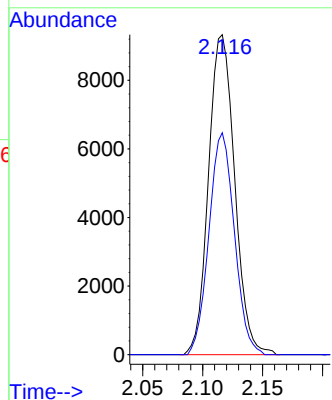
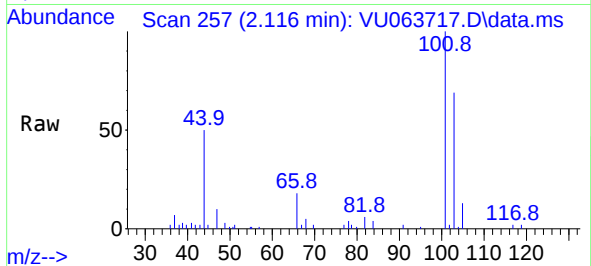




#7
Trichlorofluoromethane
Concen: 5.490 ug/l
RT: 2.116 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

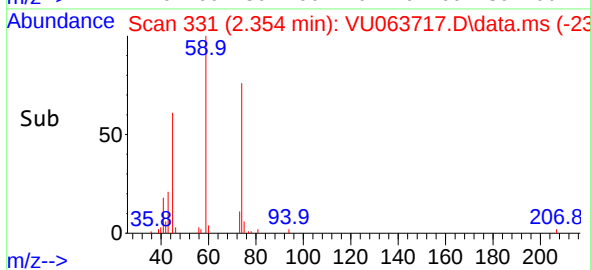
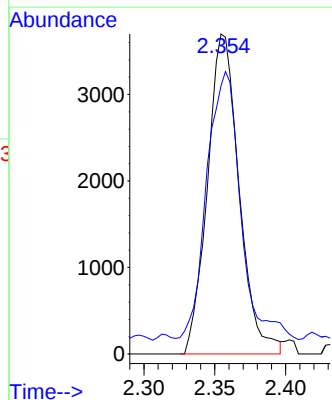
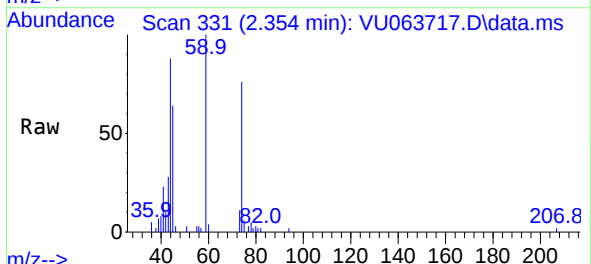
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ClientSampleId :
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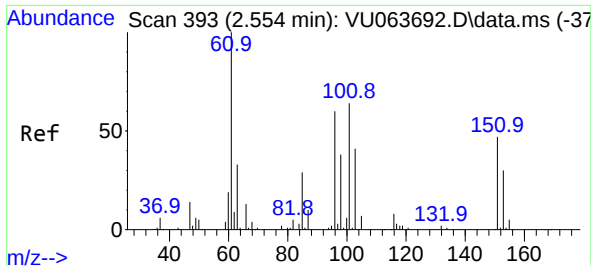
Tgt Ion:101 Resp: 14176
Ion Ratio Lower Upper
101 100
103 69.3 50.3 75.5



#8
Diethyl Ether
Concen: 5.247 ug/l
RT: 2.354 min Scan# 331
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 74 Resp: 5760
Ion Ratio Lower Upper
74 100
45 90.7 44.1 132.4

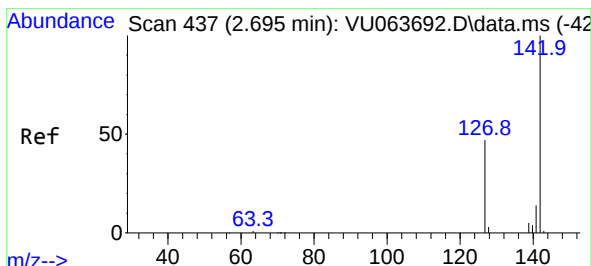
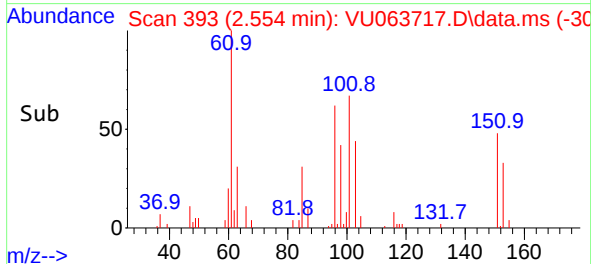
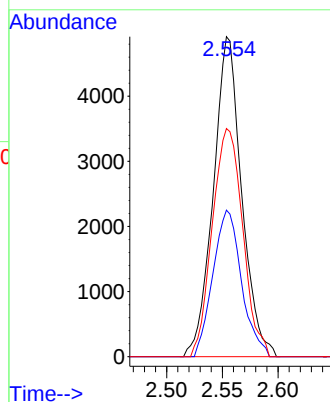
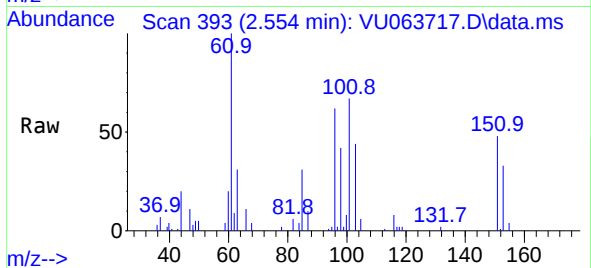




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.308 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063717.D
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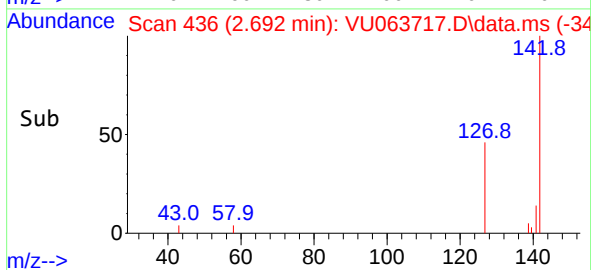
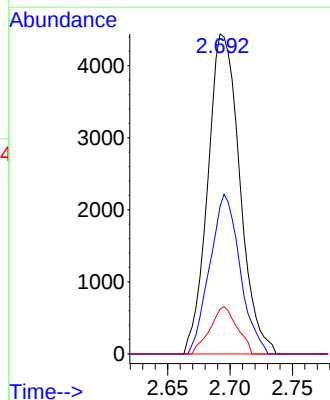
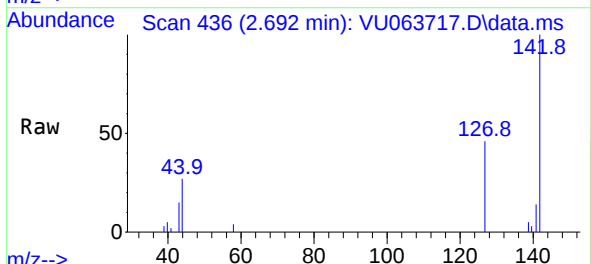
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

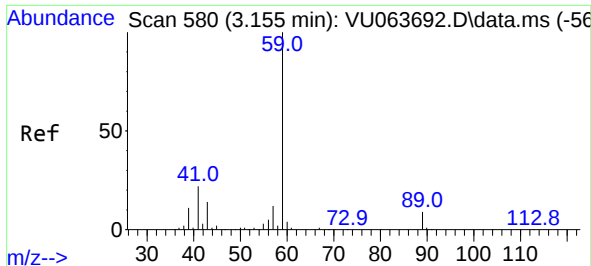
Tgt Ion:	101	Resp:	8708
Ion	Ratio	Lower	Upper
101	100		
85	46.1	36.2	54.4
151	76.5	58.5	87.7



#10
Methyl Iodide
Concen: 4.854 ug/l
RT: 2.692 min Scan# 436
Delta R.T. -0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion:	142	Resp:	7937
Ion	Ratio	Lower	Upper
142	100		
127	47.1	37.2	55.8
141	12.6	11.4	17.0

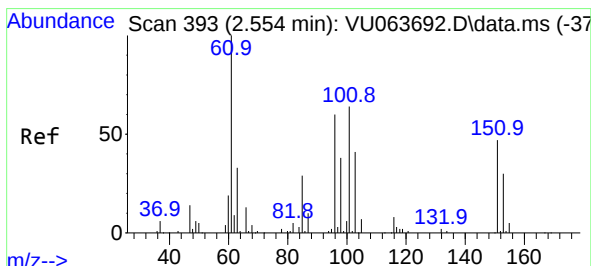
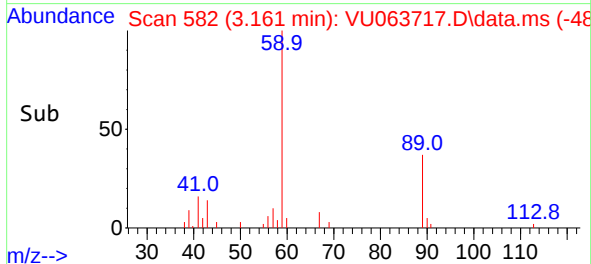
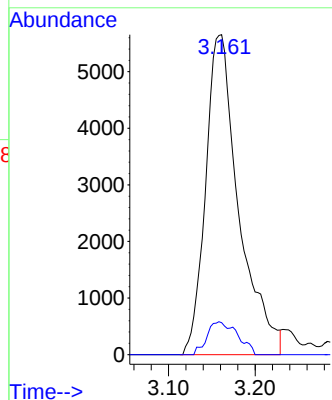
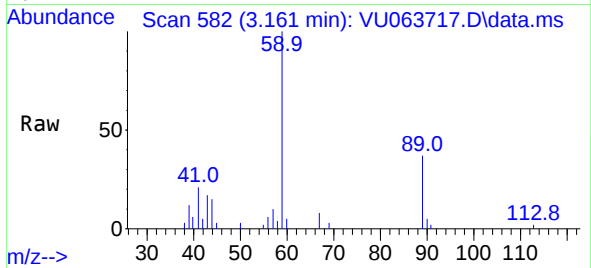




#11
Tert butyl alcohol
Concen: 24.028 ug/l
RT: 3.161 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

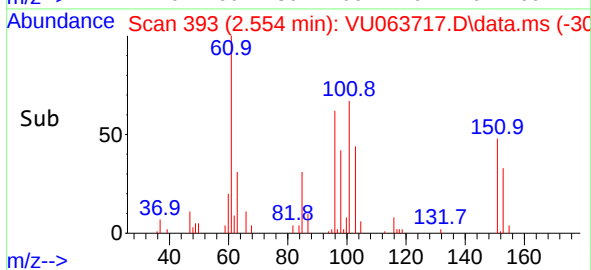
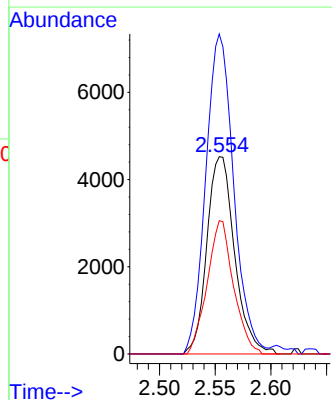
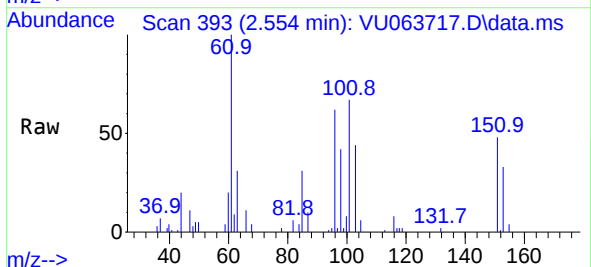
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

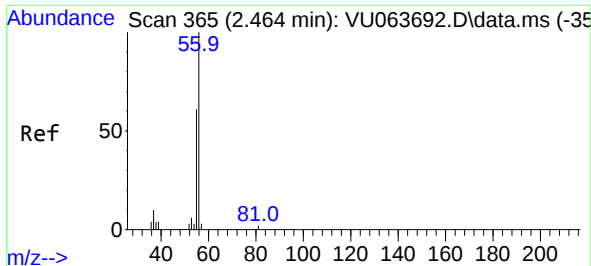
Tgt Ion: 59 Resp: 15045
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 5.553 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 96 Resp: 7844
Ion Ratio Lower Upper
96 100
61 162.2 133.1 199.7
98 67.6 50.7 76.1

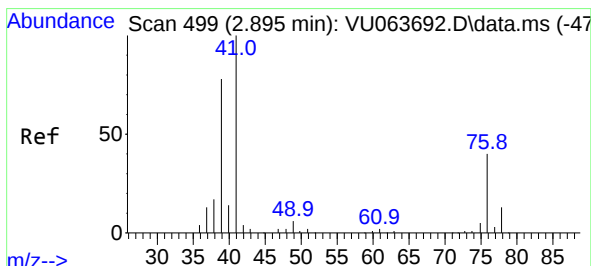
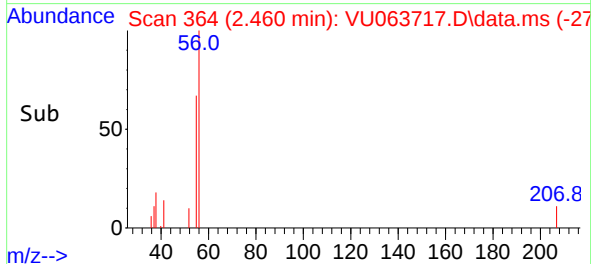
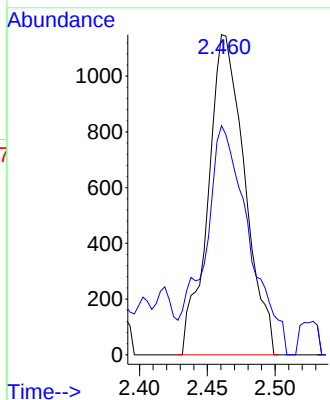
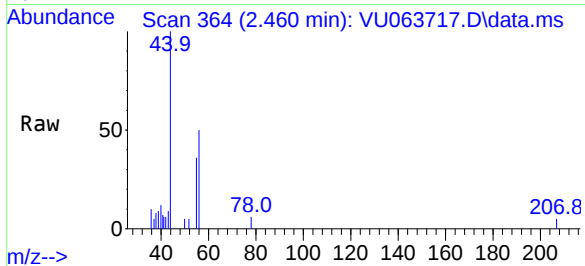




#13
Acrolein
Concen: 43.006 ug/l
RT: 2.460 min Scan# 30
Delta R.T. -0.004 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

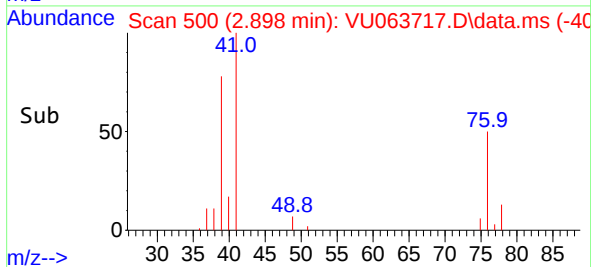
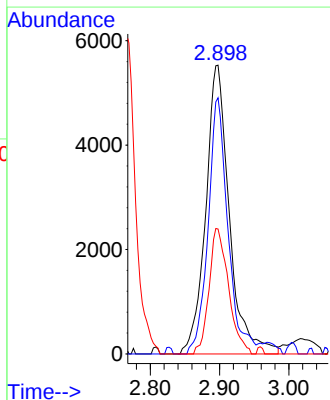
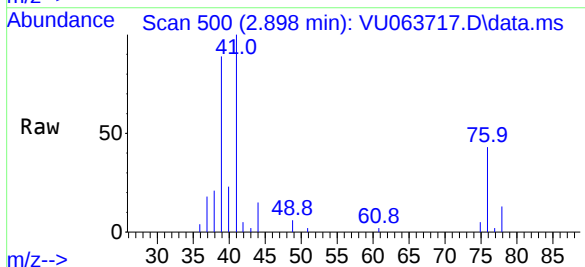
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

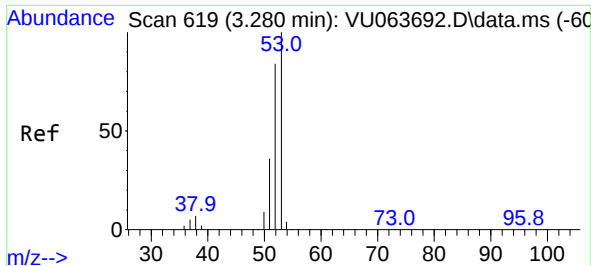
Tgt Ion: 56 Resp: 2153
Ion Ratio Lower Upper
56 100
55 86.4 47.1 70.7#



#14
Allyl chloride
Concen: 4.979 ug/l
RT: 2.898 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 41 Resp: 13118
Ion Ratio Lower Upper
41 100
39 74.1 53.1 79.7
76 35.8 26.4 39.6

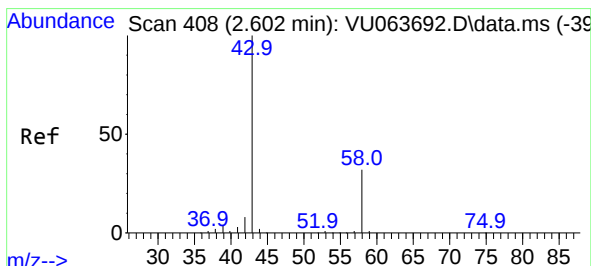
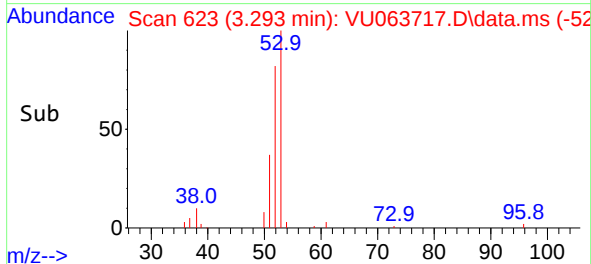
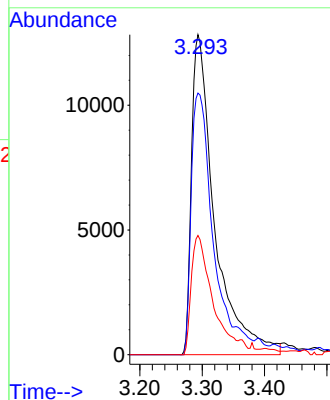
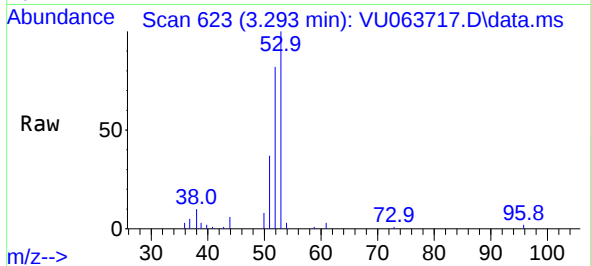




#15
Acrylonitrile
Concen: 25.844 ug/l
RT: 3.293 min Scan# 619
Delta R.T. 0.013 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

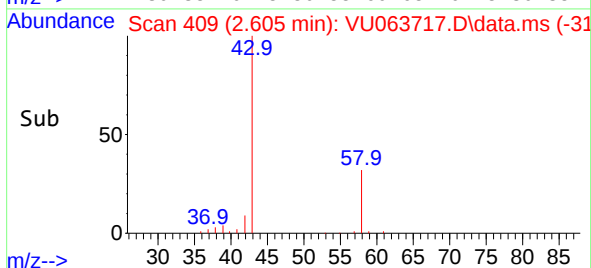
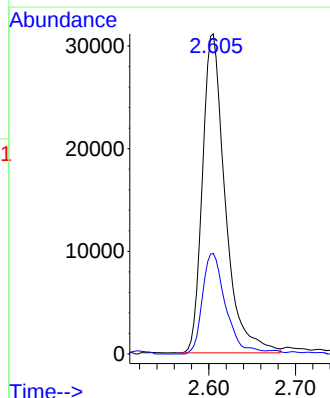
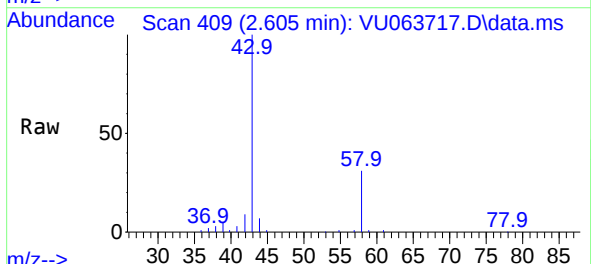
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

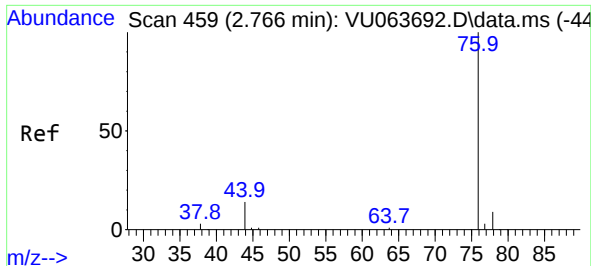
Tgt Ion: 53	Resp: 33141
Ion Ratio	Lower Upper
53 100	
52 78.2	67.5 101.3
51 33.8	29.0 43.6



#16
Acetone
Concen: 32.381 ug/l
RT: 2.605 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 43	Resp: 56840
Ion Ratio	Lower Upper
43 100	
58 31.1	25.4 38.2

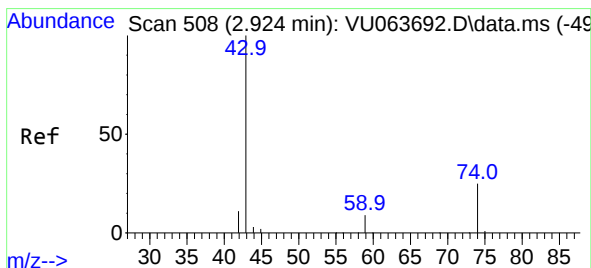
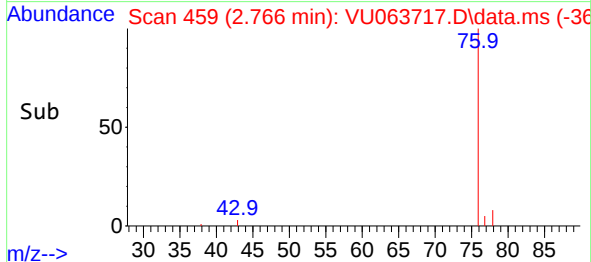
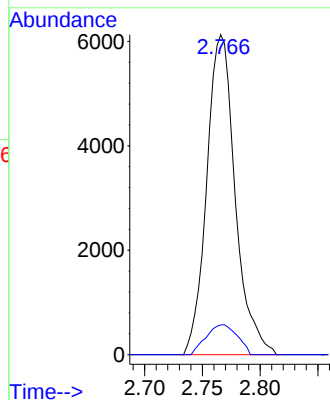
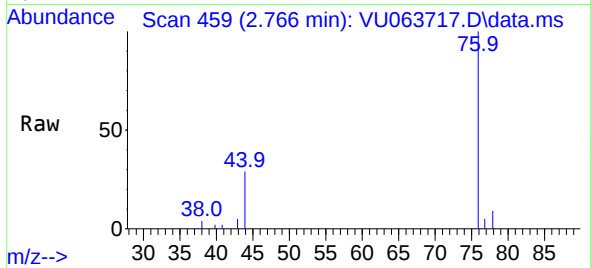




#17
Carbon Disulfide
Concen: 5.055 ug/l
RT: 2.766 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

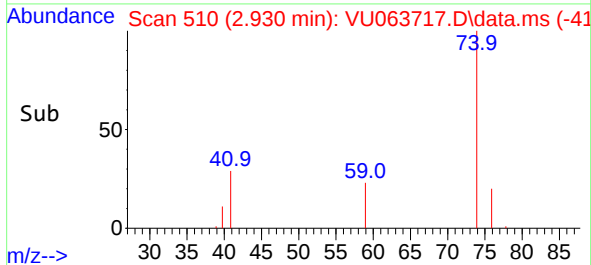
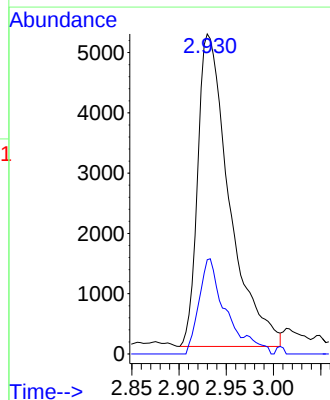
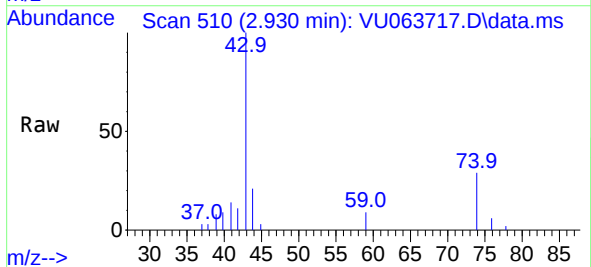
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

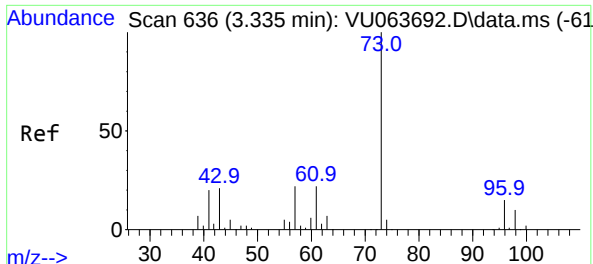
Tgt Ion: 76 Resp: 10506
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 2.890 ug/l
RT: 2.930 min Scan# 510
Delta R.T. 0.006 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 43 Resp: 12035
Ion Ratio Lower Upper
43 100
74 23.8 20.6 31.0

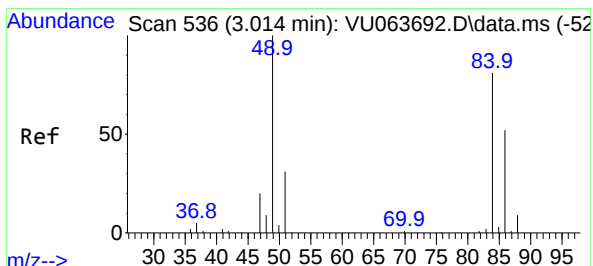
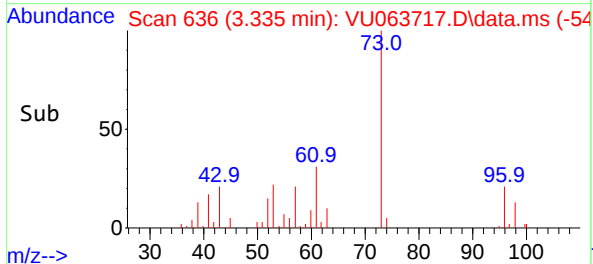
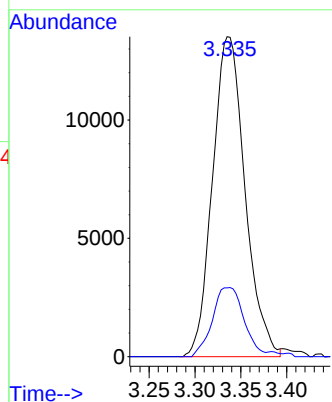
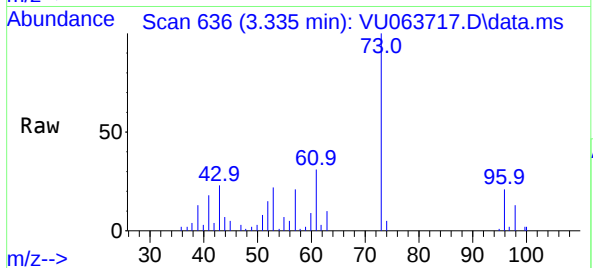




#19
Methyl tert-butyl Ether
Concen: 5.220 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

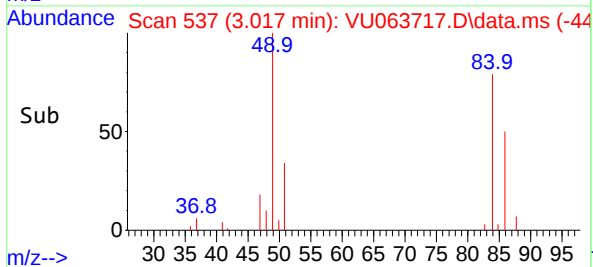
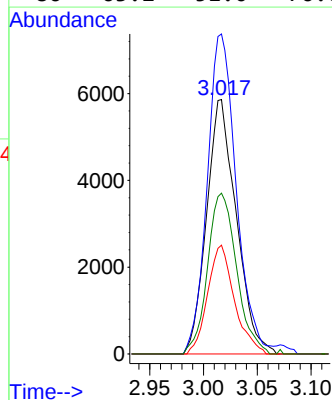
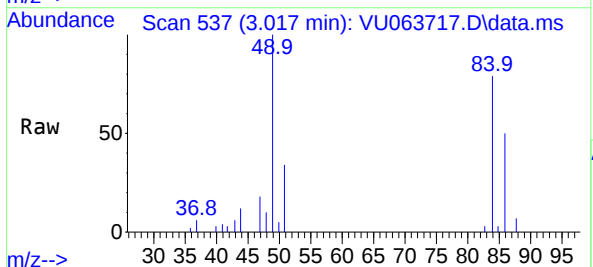
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

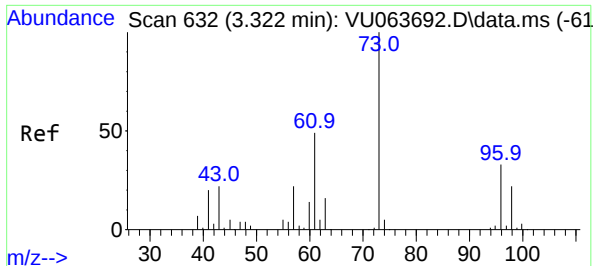
Tgt Ion: 73 Resp: 33274
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.2



#20
Methylene Chloride
Concen: 5.628 ug/l
RT: 3.017 min Scan# 537
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 84 Resp: 11262
Ion Ratio Lower Upper
84 100
49 125.8 98.4 147.6
51 42.7 30.1 45.1
86 63.2 51.0 76.6

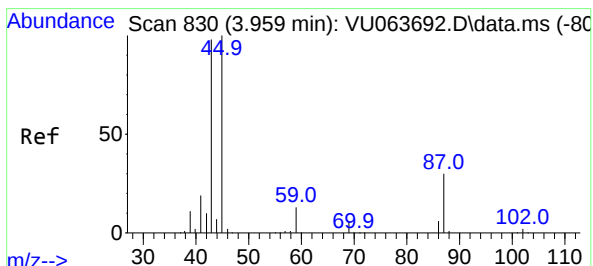
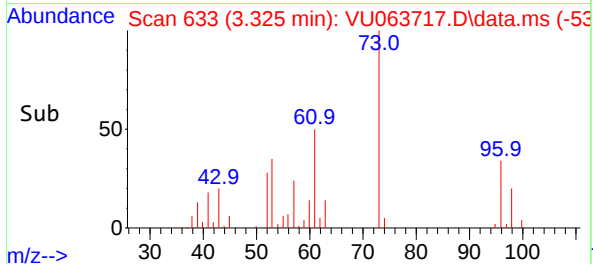
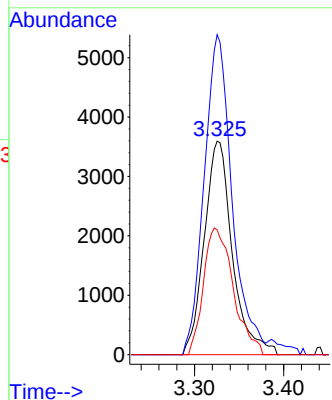
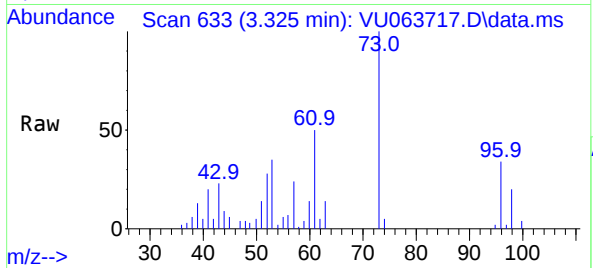




#21
trans-1,2-Dichloroethene
Concen: 5.435 ug/l
RT: 3.325 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

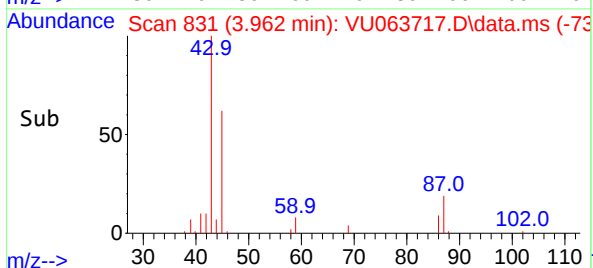
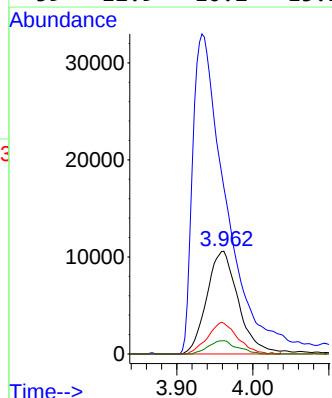
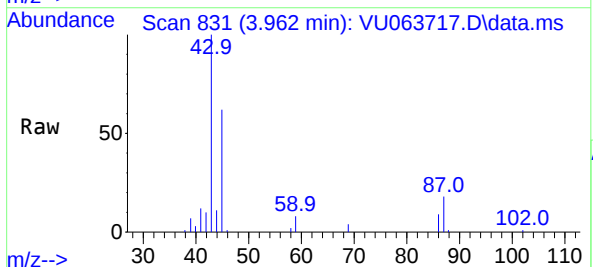
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

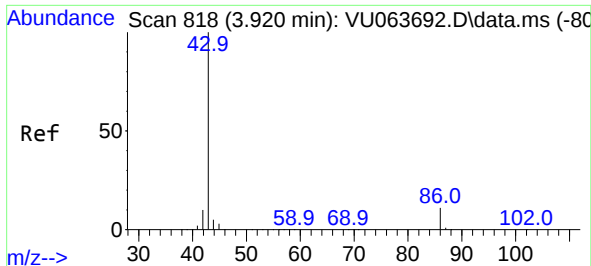
Tgt Ion: 96 Resp: 7883
Ion Ratio Lower Upper
96 100
61 149.8 117.5 176.3
98 58.4 52.7 79.1



#22
Diisopropyl ether
Concen: 5.267 ug/l
RT: 3.962 min Scan# 831
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 45 Resp: 30565
Ion Ratio Lower Upper
45 100
43 161.9 78.1 117.1#
87 29.9 23.8 35.8
59 12.9 10.2 15.2

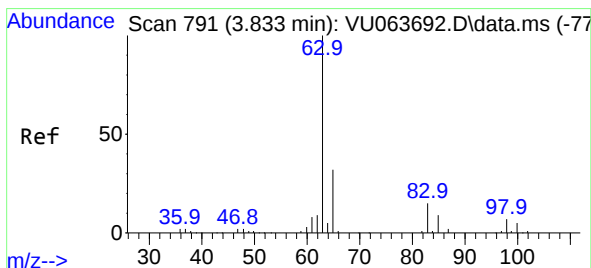
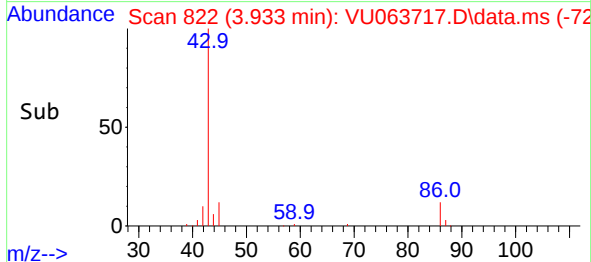
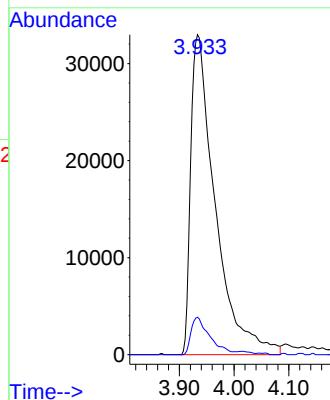
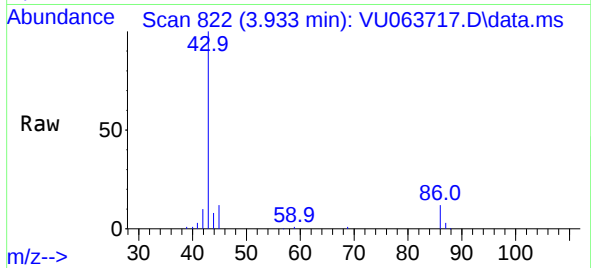




#23
 Vinyl Acetate
 Concen: 25.908 ug/l
 RT: 3.933 min Scan# 818
 Delta R.T. 0.013 min
 Lab File: VU063717.D
 Acq: 12 Nov 2025 14:05

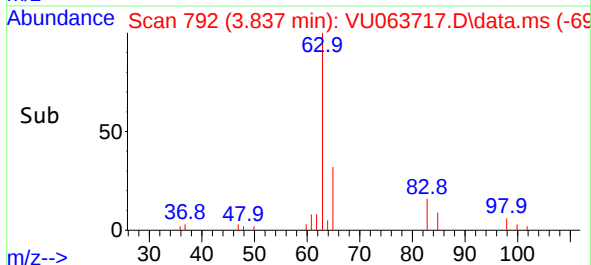
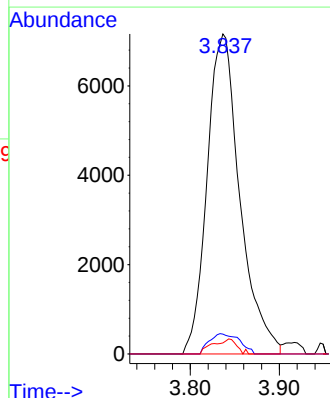
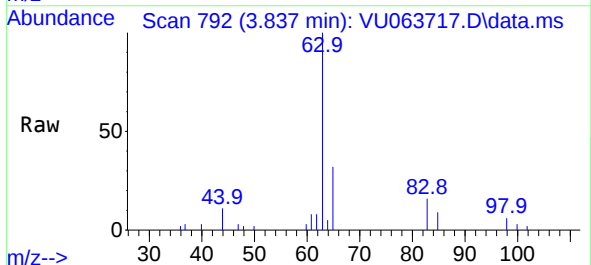
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

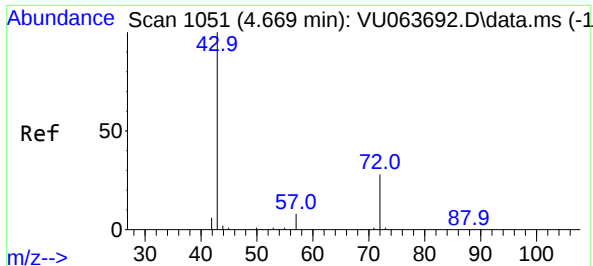
Tgt Ion: 43 Resp: 102523
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 5.469 ug/l
 RT: 3.837 min Scan# 792
 Delta R.T. 0.003 min
 Lab File: VU063717.D
 Acq: 12 Nov 2025 14:05

Tgt Ion: 63 Resp: 18301
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.7 11.1
 100 3.4 2.5 7.5

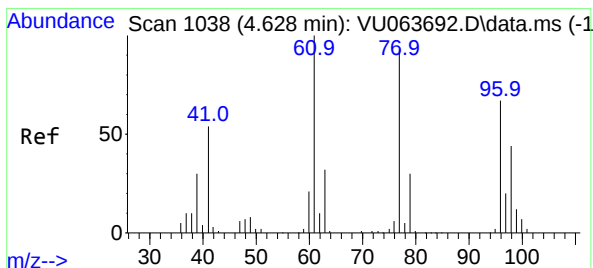
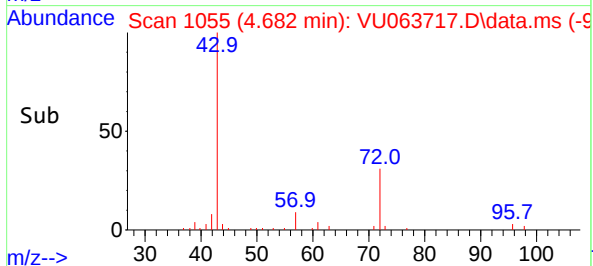
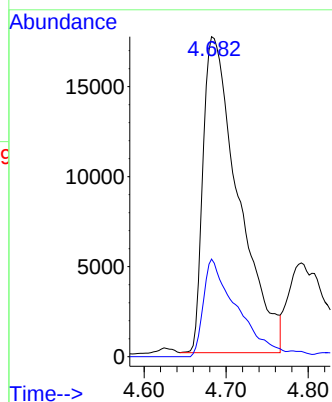
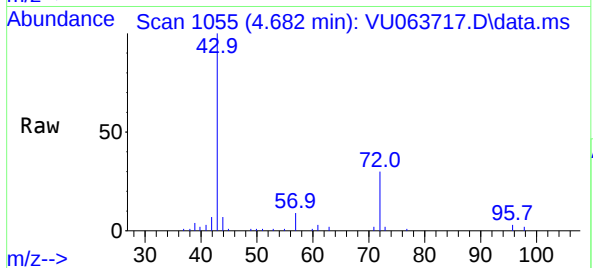




#25
2-Butanone
Concen: 28.514 ug/l
RT: 4.682 min Scan# 1055
Delta R.T. 0.013 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

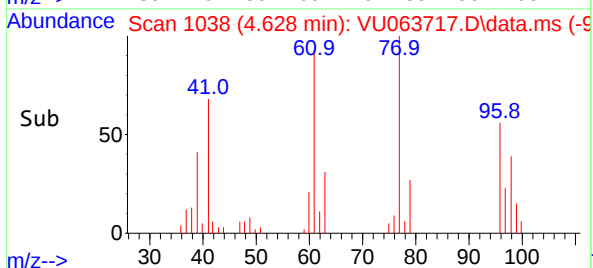
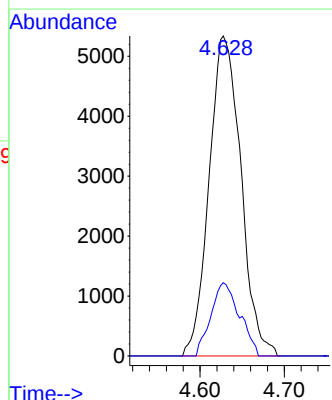
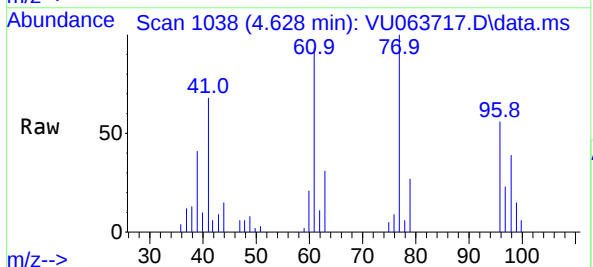
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

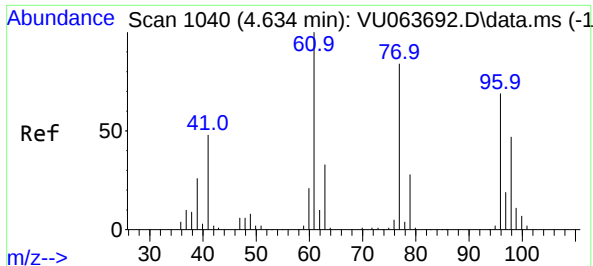
Tgt Ion: 43 Resp: 52688
Ion Ratio Lower Upper
43 100
72 30.9 22.0 33.0



#26
2,2-Dichloropropane
Concen: 4.868 ug/l
RT: 4.628 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 77 Resp: 13992
Ion Ratio Lower Upper
77 100
97 20.6 10.9 32.9

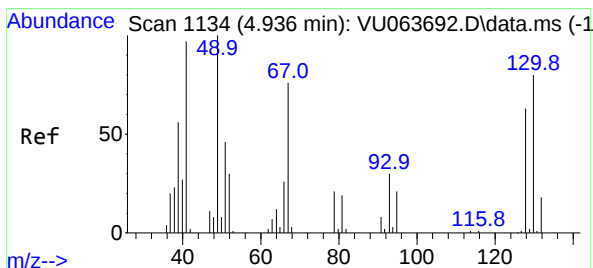
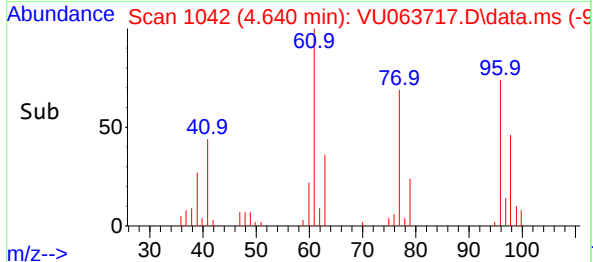
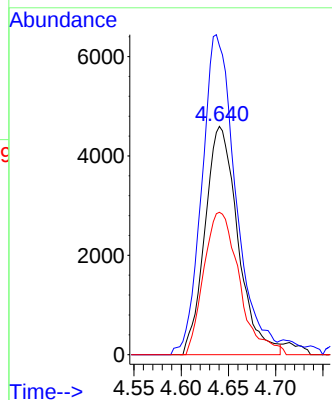
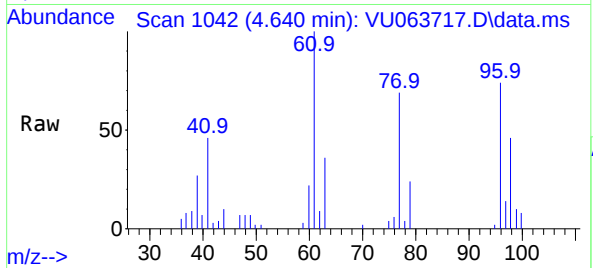




#27
 cis-1,2-Dichloroethene
 Concen: 5.266 ug/l
 RT: 4.640 min Scan# 11159
 Delta R.T. 0.006 min
 Lab File: VU063717.D
 Acq: 12 Nov 2025 14:05

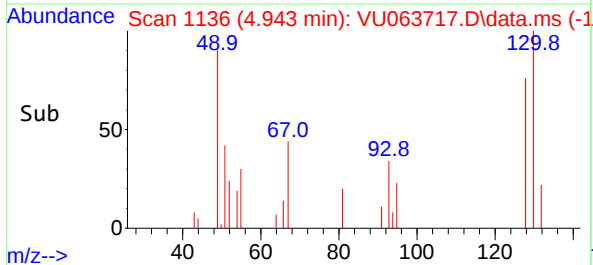
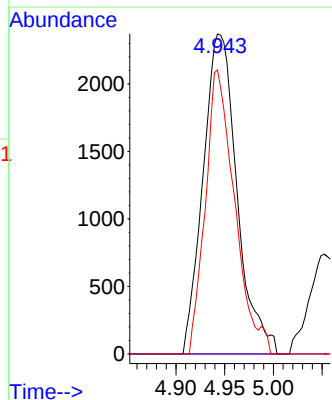
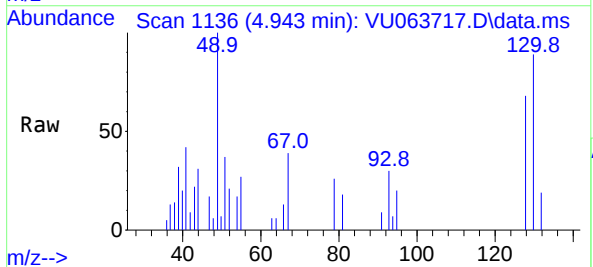
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

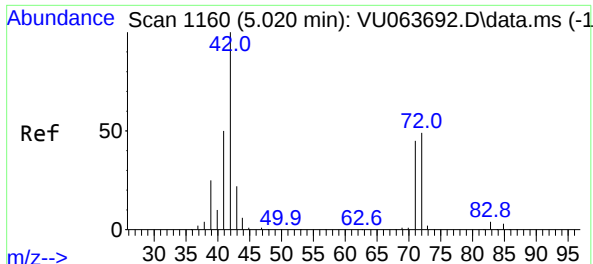
Tgt Ion:	96	Resp:	11159
Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	295.4
98	67.2	0.0	131.8



#28
 Bromochloromethane
 Concen: 4.285 ug/l
 RT: 4.943 min Scan# 1136
 Delta R.T. 0.006 min
 Lab File: VU063717.D
 Acq: 12 Nov 2025 14:05

Tgt Ion:	49	Resp:	5739
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	76.7	65.1	97.7





#29

Tetrahydrofuran

Concen: 24.947 ug/l

RT: 5.026 min Scan# 1160

Delta R.T. 0.006 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

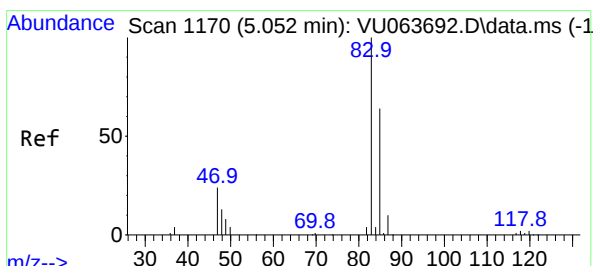
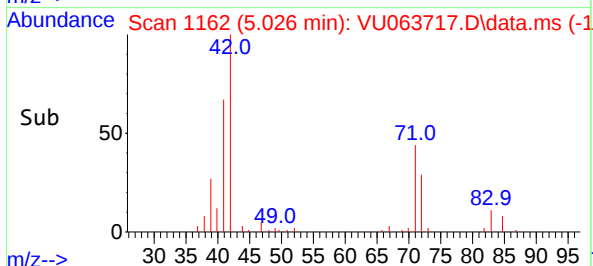
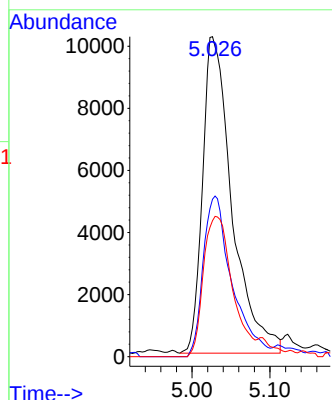
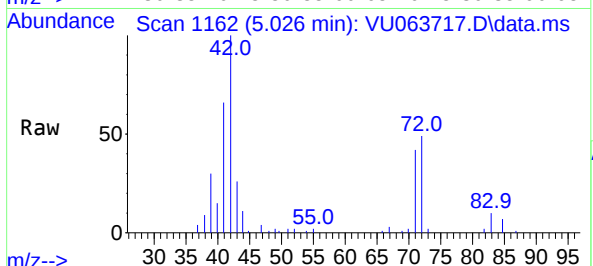
Tgt Ion: 42 Resp: 26823

Ion Ratio Lower Upper

42 100

72 49.5 40.0 60.0

71 43.3 37.4 56.0



#30

Chloroform

Concen: 5.402 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063717.D

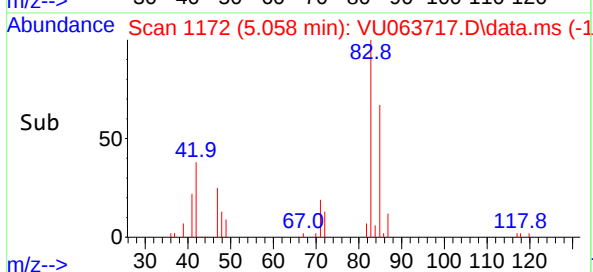
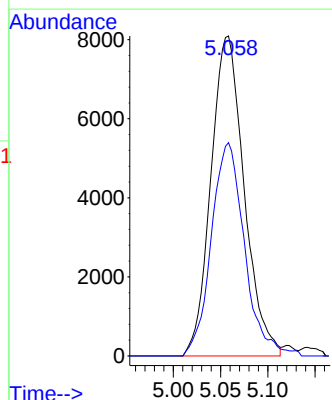
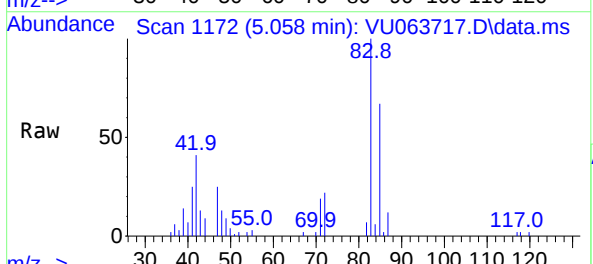
Acq: 12 Nov 2025 14:05

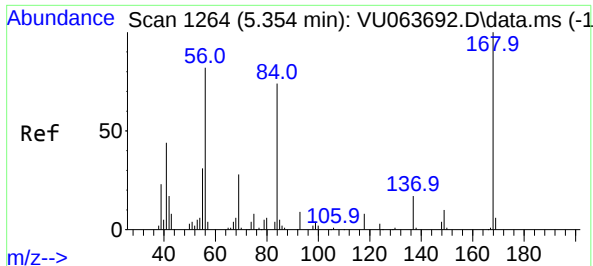
Tgt Ion: 83 Resp: 19805

Ion Ratio Lower Upper

83 100

85 66.7 51.0 76.6

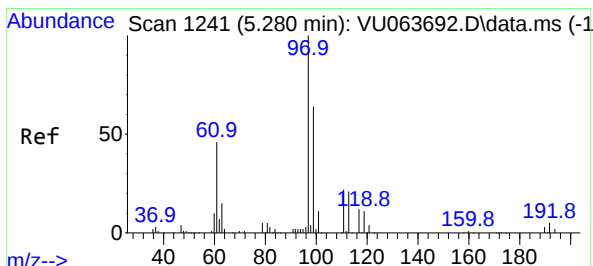
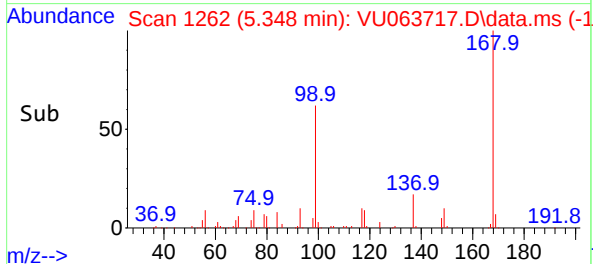
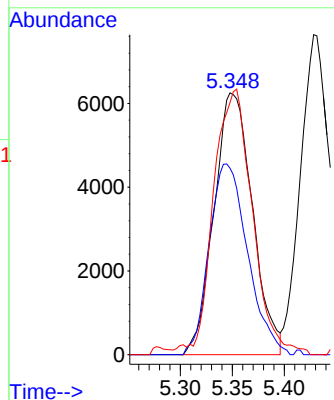
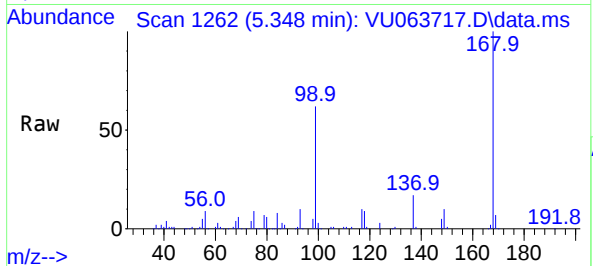




#31
Cyclohexane
Concen: 6.804 ug/l
RT: 5.348 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

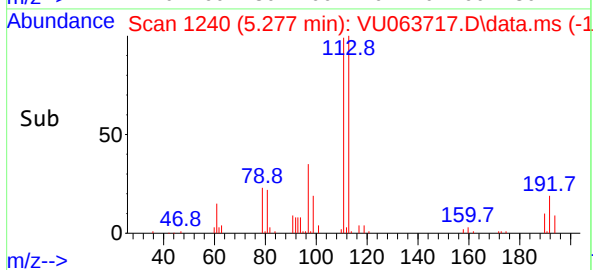
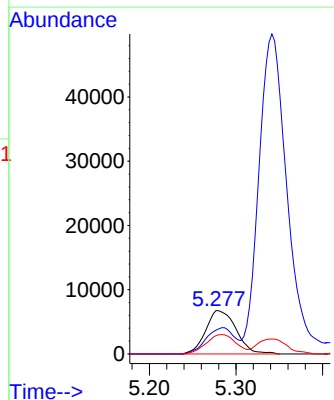
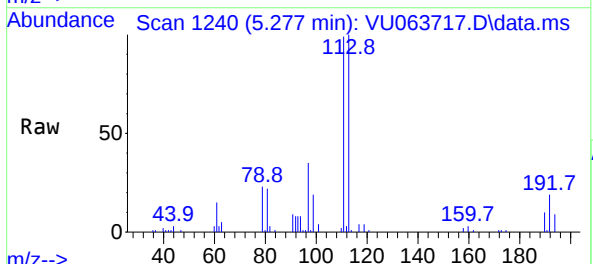
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

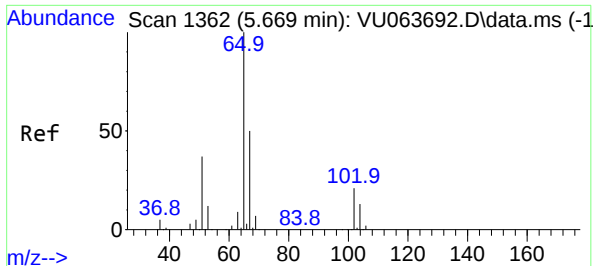
Tgt Ion: 56 Resp: 16078
Ion Ratio Lower Upper
56 100
69 71.3 27.0 40.6#
84 92.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 5.489 ug/l
RT: 5.277 min Scan# 1240
Delta R.T. -0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 97 Resp: 16514
Ion Ratio Lower Upper
97 100
99 57.3 49.8 74.8
61 43.1 36.6 55.0

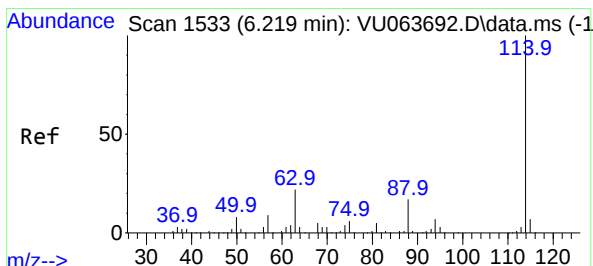
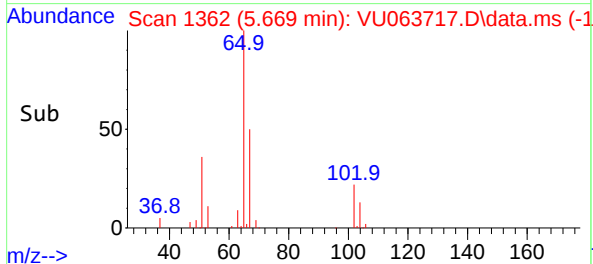
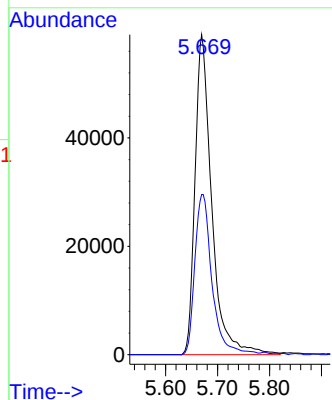
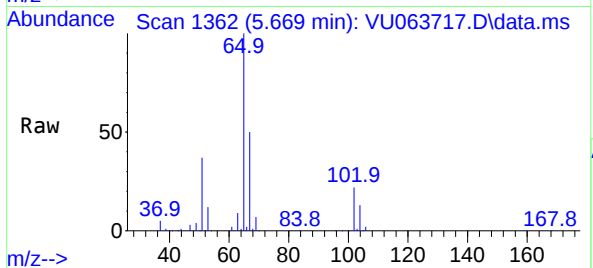




#33
1,2-Dichloroethane-d4
Concen: 49.141 ug/l
RT: 5.669 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

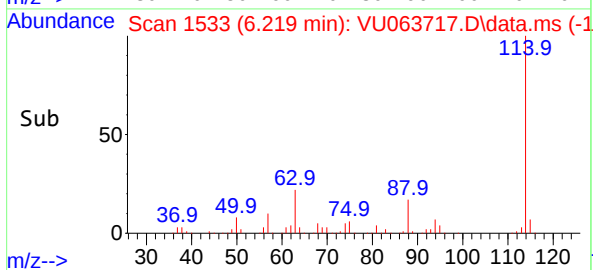
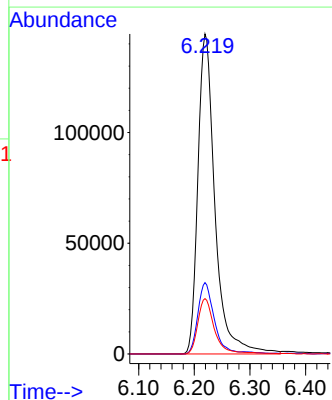
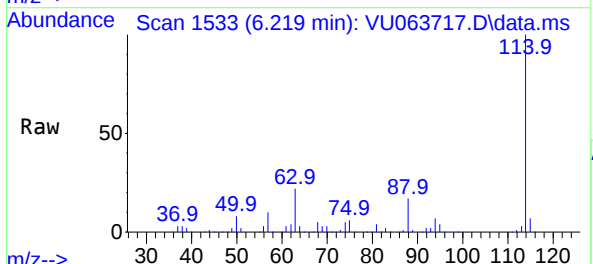
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

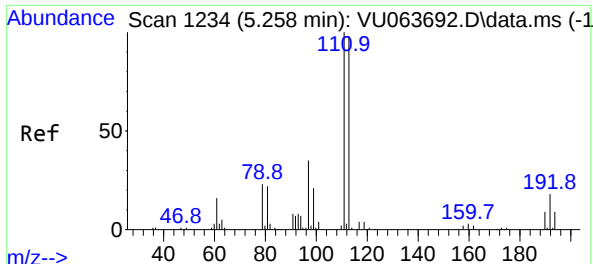
Tgt Ion: 65 Resp: 131879
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.219 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 114 Resp: 308405
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.0
88 17.3 0.0 33.6

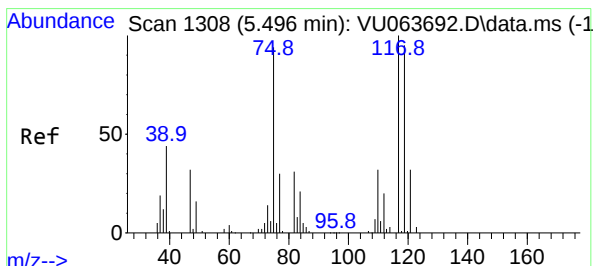
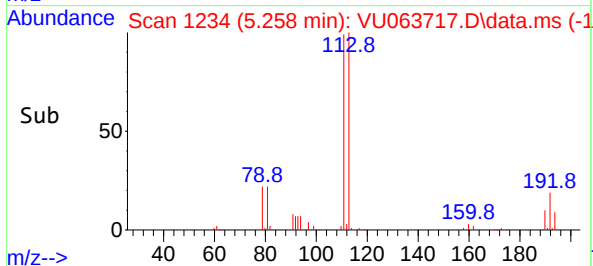
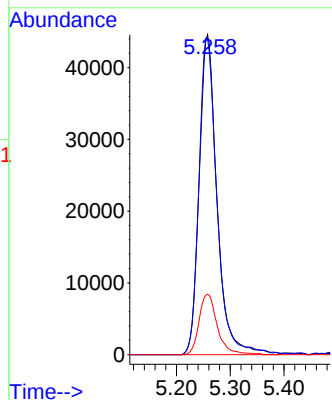
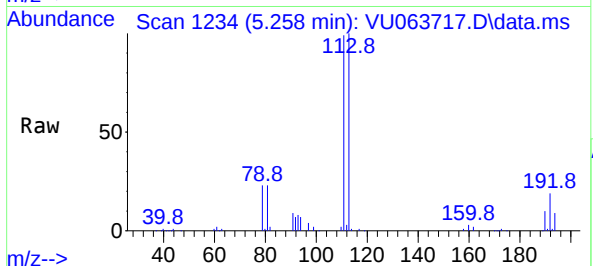




#35
Dibromofluoromethane
Concen: 47.555 ug/l
RT: 5.258 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

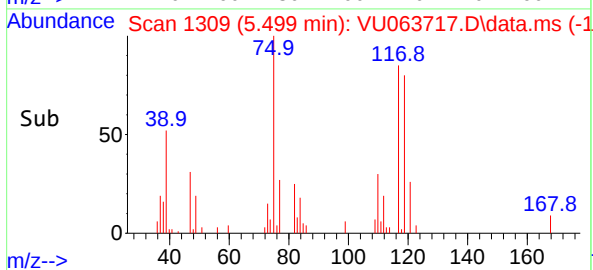
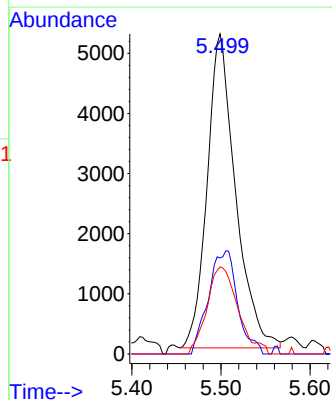
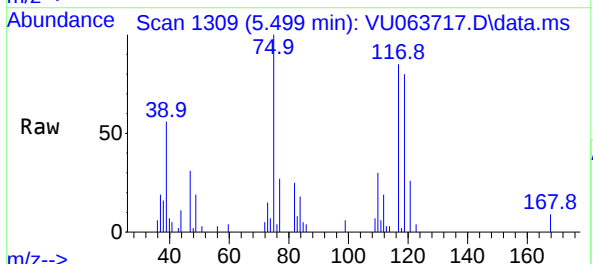
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

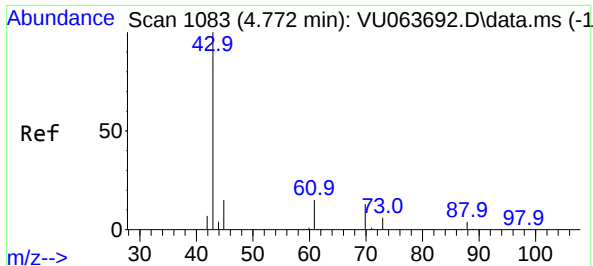
Tgt Ion:113 Resp: 102723
Ion Ratio Lower Upper
113 100
111 98.1 82.4 123.6
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 5.262 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 75 Resp: 11569
Ion Ratio Lower Upper
75 100
110 33.7 17.3 51.7
77 30.2 24.4 36.6

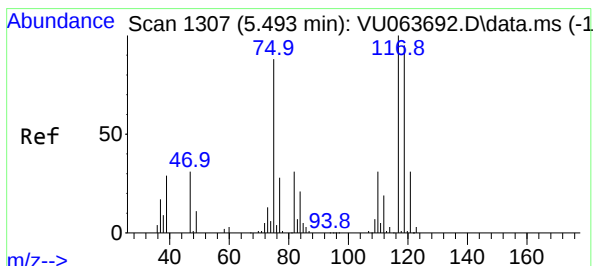
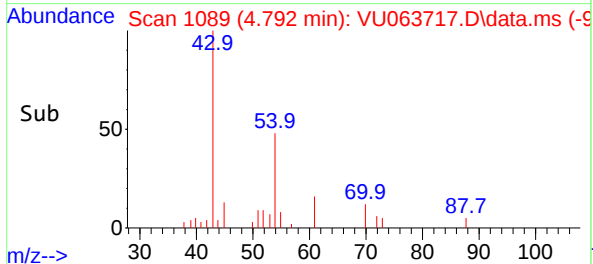
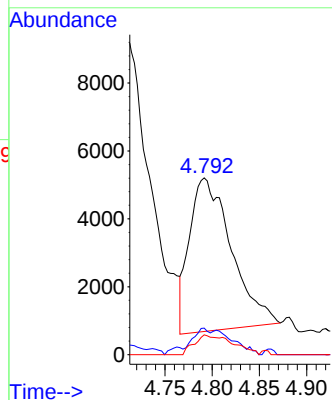
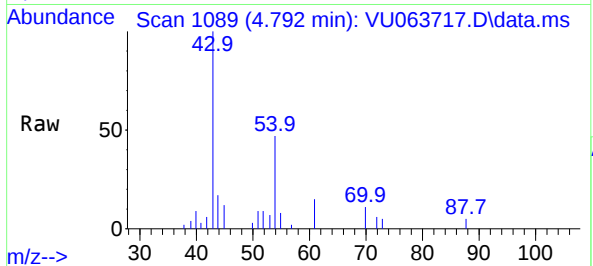




#37
Ethyl Acetate
Concen: 4.465 ug/l
RT: 4.792 min Scan# 1089
Delta R.T. 0.019 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

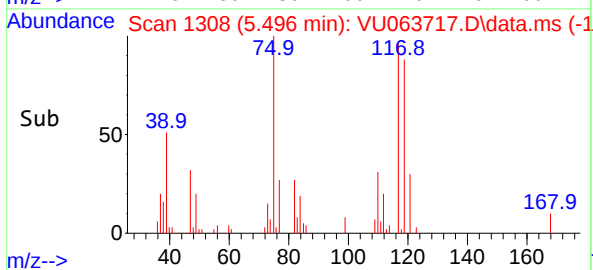
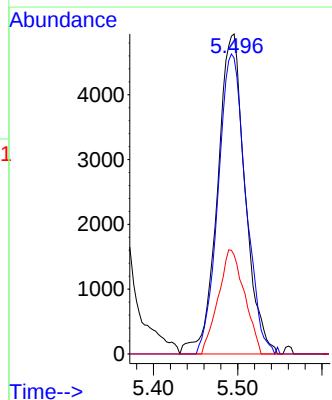
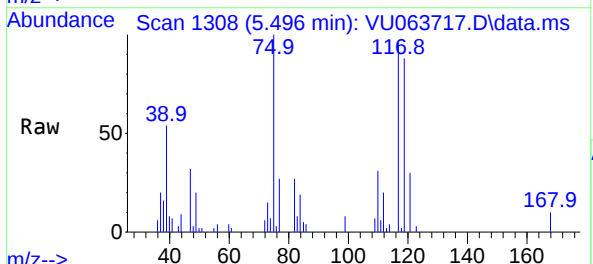
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

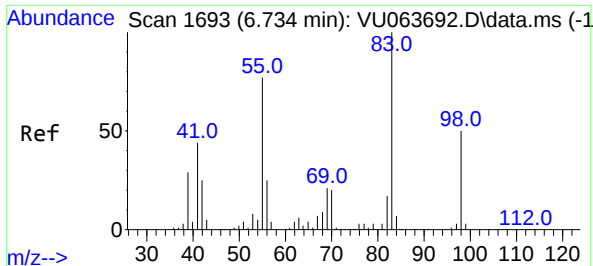
Tgt Ion: 43 Resp: 13901
Ion Ratio Lower Upper
43 100
61 5.0 10.3 15.5#
70 11.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 4.711 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 117 Resp: 11194
Ion Ratio Lower Upper
117 100
119 92.4 76.1 114.1
121 30.9 24.6 37.0





#39

Methylcyclohexane

Concen: 5.266 ug/l

RT: 6.734 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

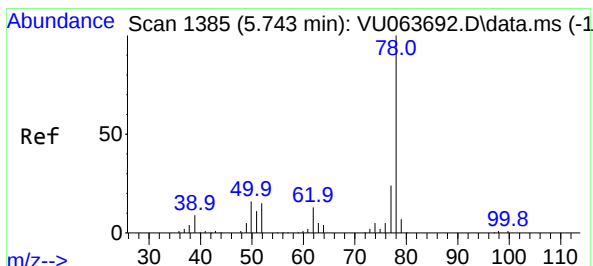
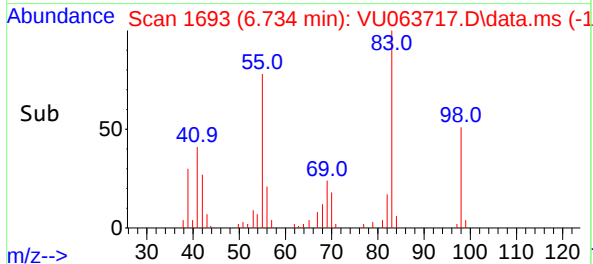
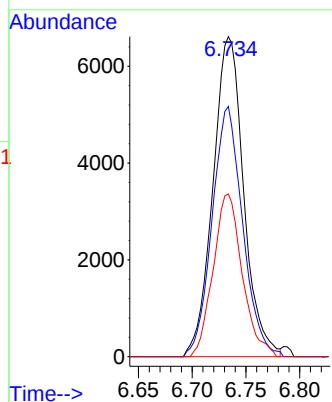
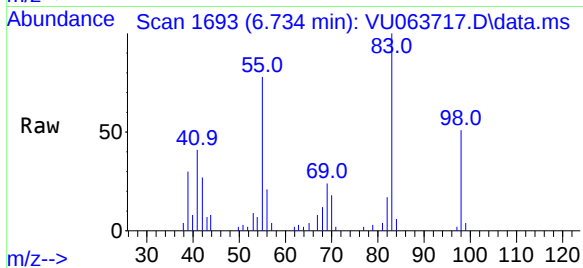
Tgt Ion: 83 Resp: 13144

Ion Ratio Lower Upper

83 100

55 78.2 61.6 92.4

98 50.8 40.0 60.0



#40

Benzene

Concen: 5.205 ug/l

RT: 5.746 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU063717.D

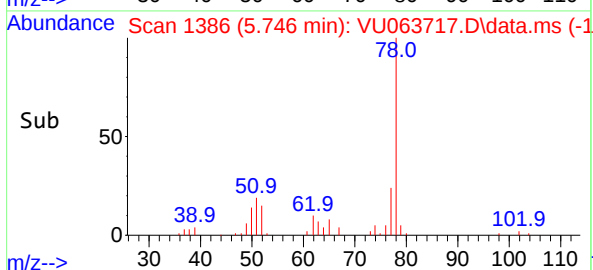
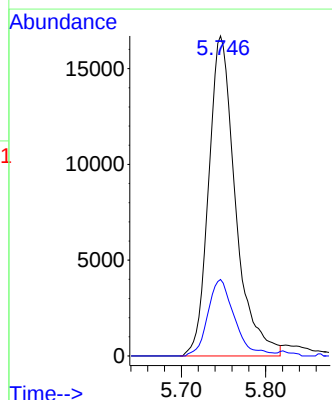
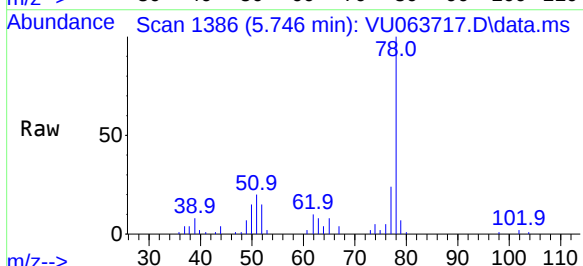
Acq: 12 Nov 2025 14:05

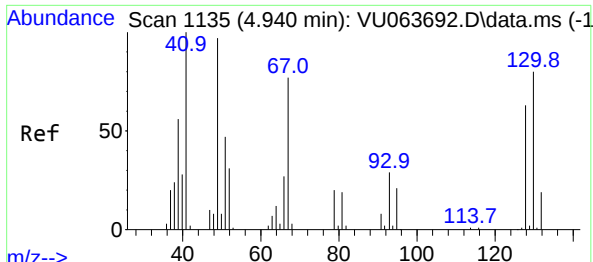
Tgt Ion: 78 Resp: 36930

Ion Ratio Lower Upper

78 100

77 23.9 18.9 28.3



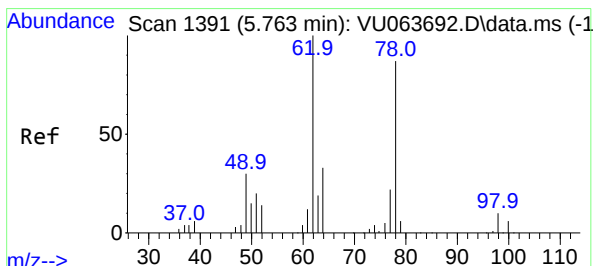
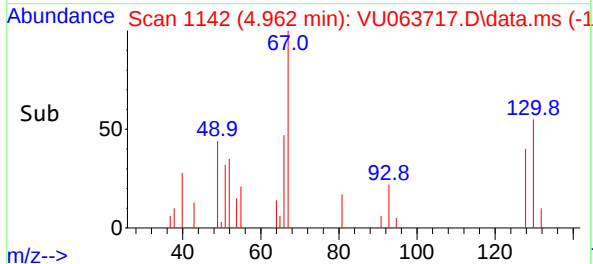
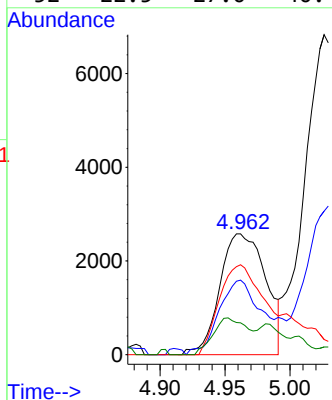
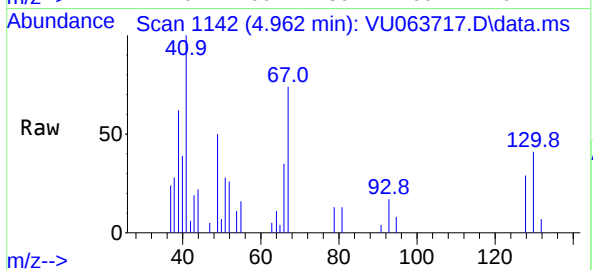


#41
Methacrylonitrile
Concen: 3.927 ug/l
RT: 4.962 min Scan# 1135
Delta R.T. 0.022 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

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

Tgt Ion: 41 Resp: 6353

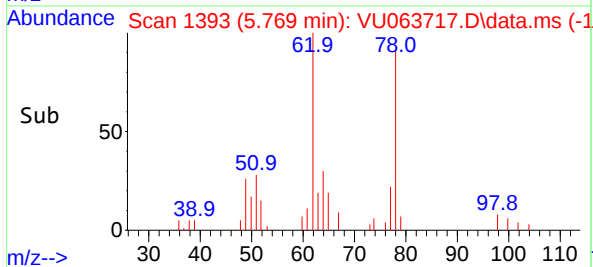
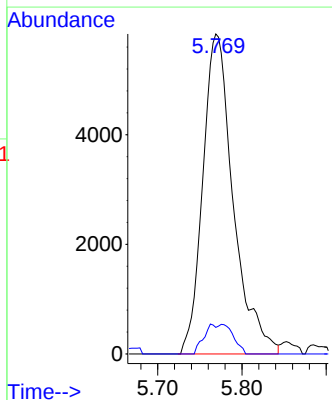
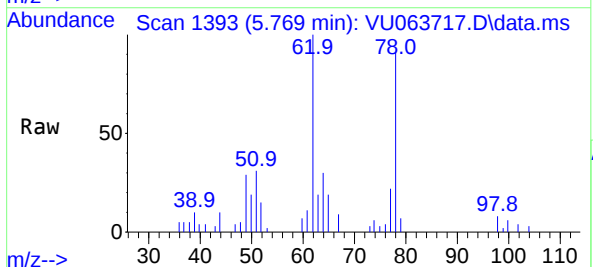
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.7	67.1
67	95.9	67.4	101.2
52	22.5	27.0	40.4

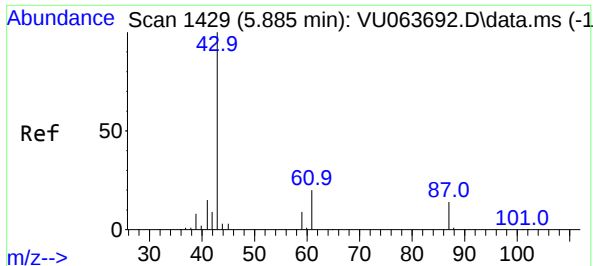


#42
1,2-Dichloroethane
Concen: 5.241 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 62 Resp: 14666

Ion	Ratio	Lower	Upper
62	100		
98	3.9	0.0	18.2

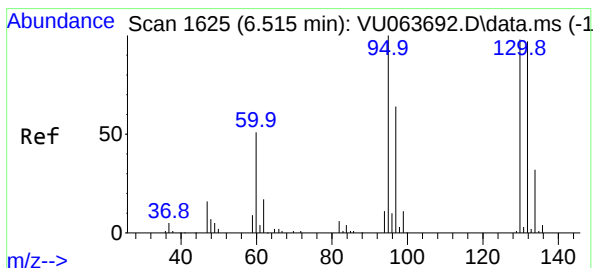
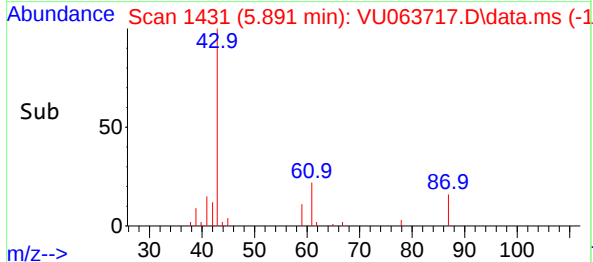
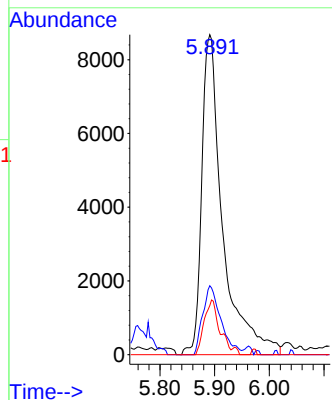
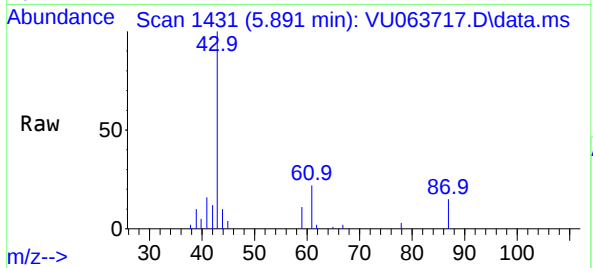




#43
Isopropyl Acetate
Concen: 5.052 ug/l
RT: 5.891 min Scan# 1429
Delta R.T. 0.006 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

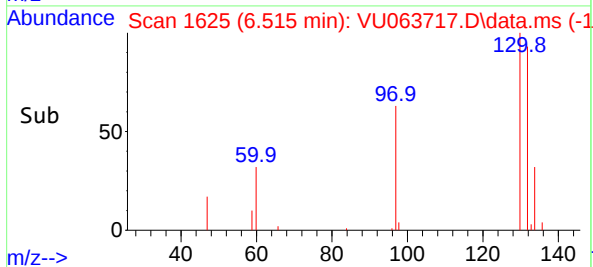
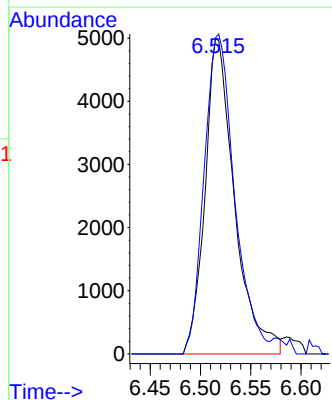
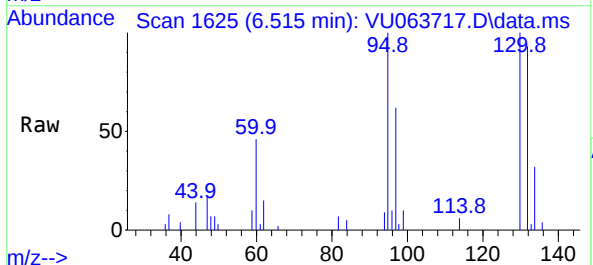
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

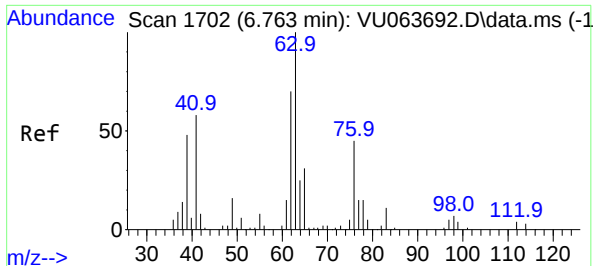
Tgt Ion:	43	Resp:	23051
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.9	23.9
87	12.5	11.0	16.6



#44
Trichloroethene
Concen: 5.122 ug/l
RT: 6.515 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion:	130	Resp:	10196
Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	203.6





#45

1,2-Dichloropropane

Concen: 5.094 ug/l

RT: 6.759 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

Instrument :

MSVOA_U

ClientSampleId :

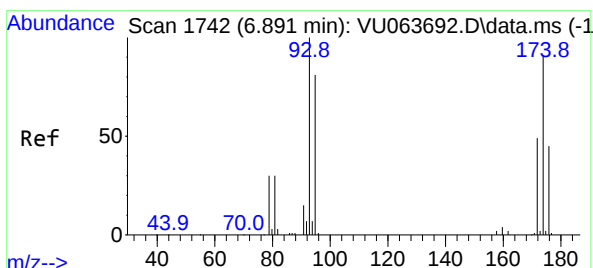
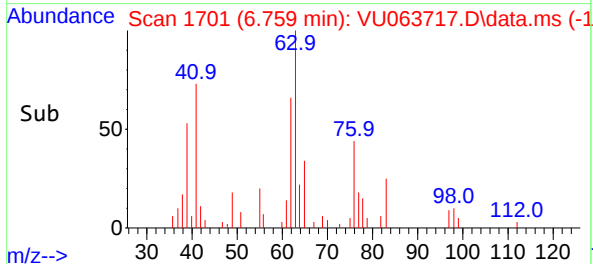
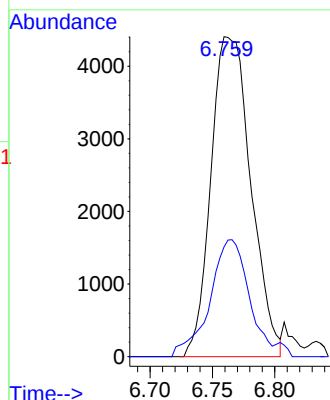
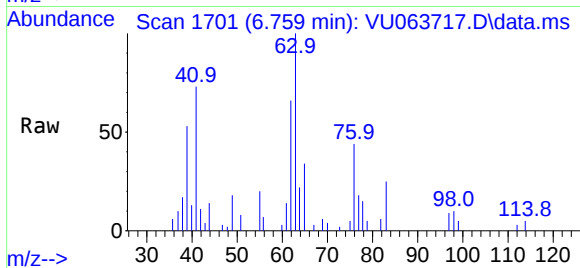
LOQ-WATER-02-QT4-2025

Tgt Ion: 63 Resp: 9824

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 5.164 ug/l

RT: 6.894 min Scan# 1743

Delta R.T. 0.003 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

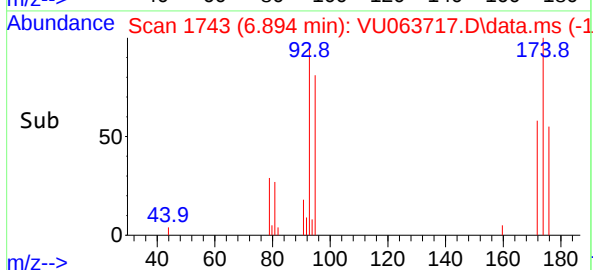
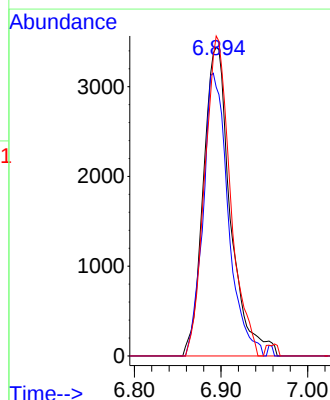
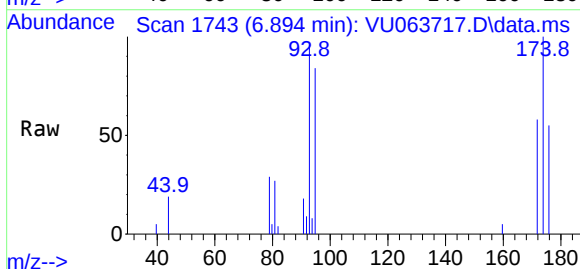
Tgt Ion: 93 Resp: 7478

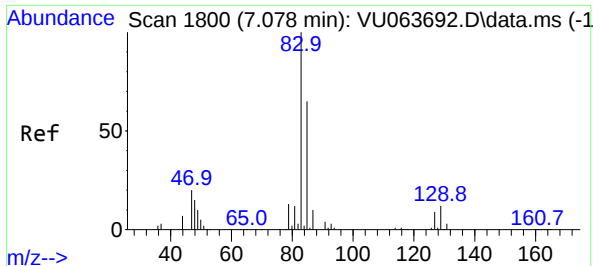
Ion Ratio Lower Upper

93 100

95 84.9 65.9 98.9

174 98.1 74.9 112.3

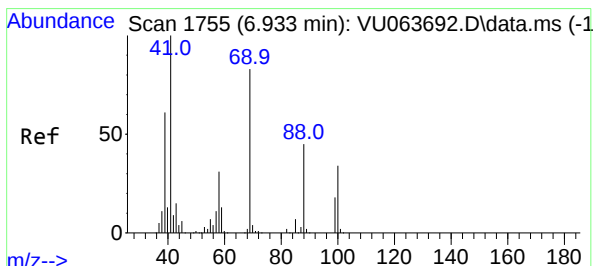
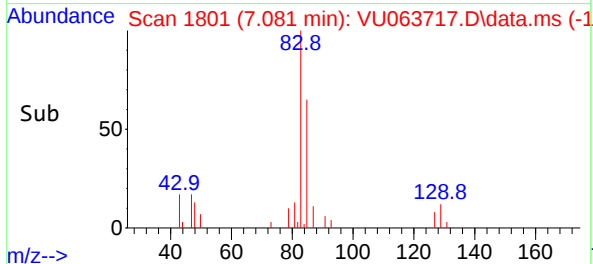
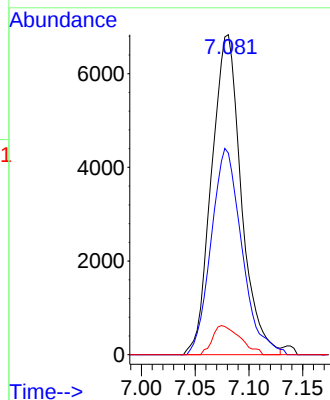
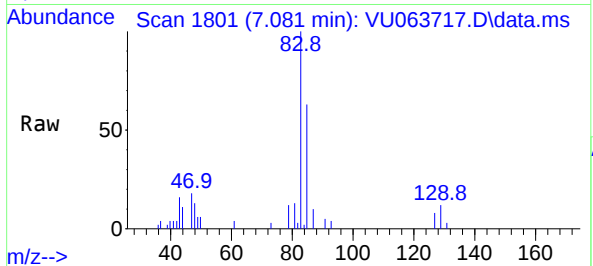




#47
Bromodichloromethane
Concen: 4.465 ug/l
RT: 7.081 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

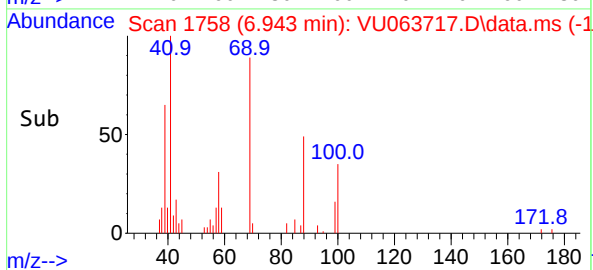
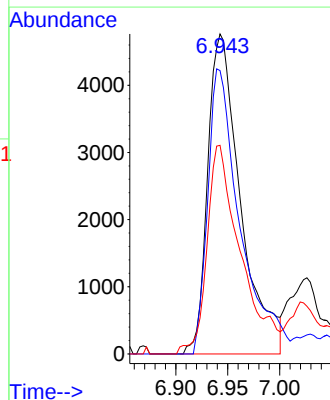
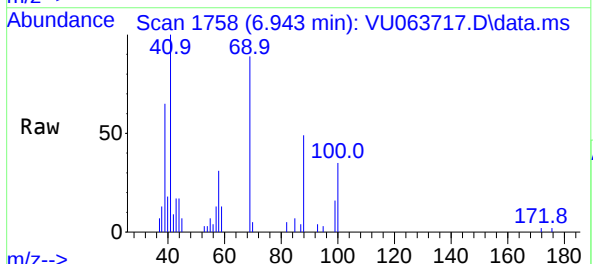
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

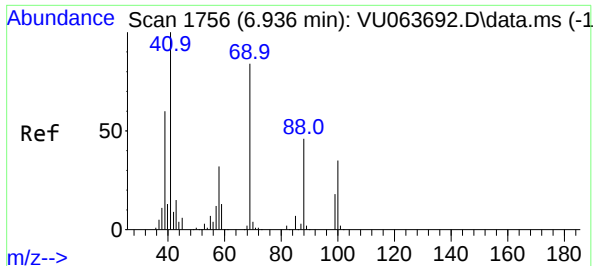
Tgt Ion: 83 Resp: 13110
Ion Ratio Lower Upper
83 100
85 63.0 51.9 77.9
127 8.1 6.9 10.3



#48
Methyl methacrylate
Concen: 4.667 ug/l
RT: 6.943 min Scan# 1758
Delta R.T. 0.010 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 41 Resp: 10453
Ion Ratio Lower Upper
41 100
69 88.1 72.9 109.3
39 62.3 51.0 76.4

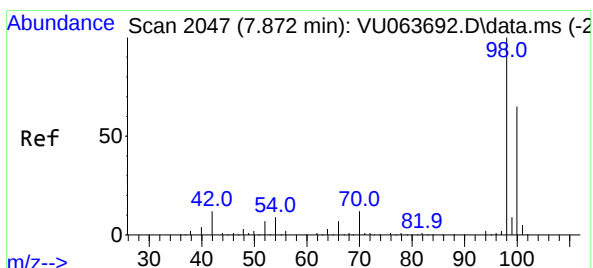
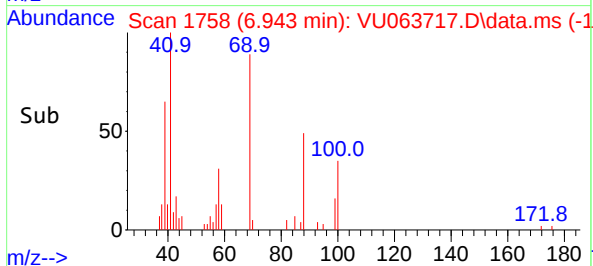
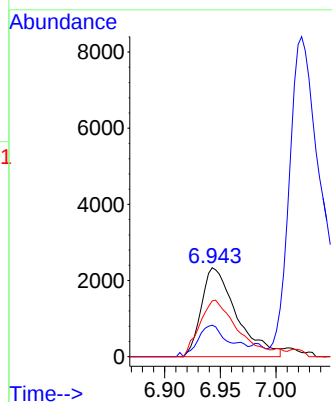
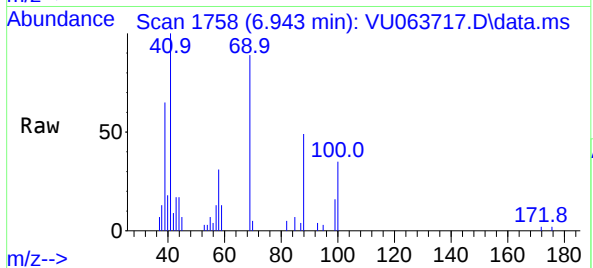




#49
1,4-Dioxane
Concen: 86.403 ug/l
RT: 6.943 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

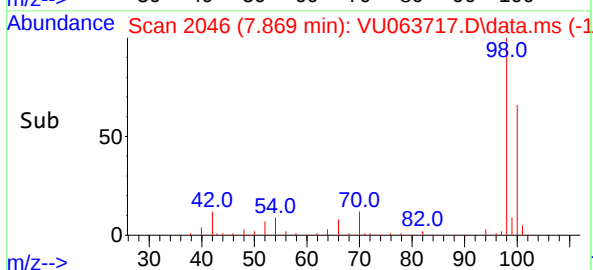
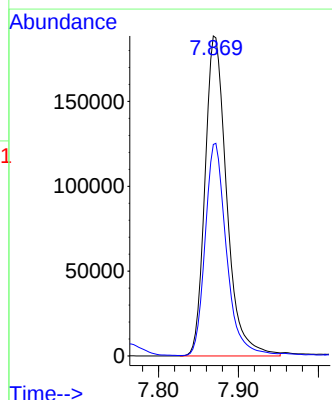
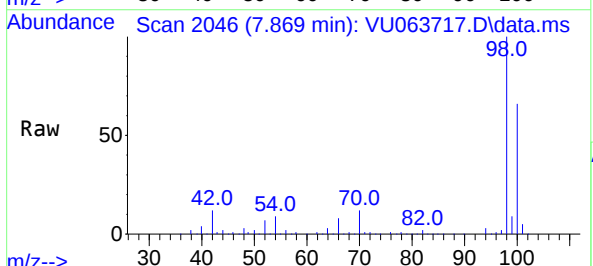
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

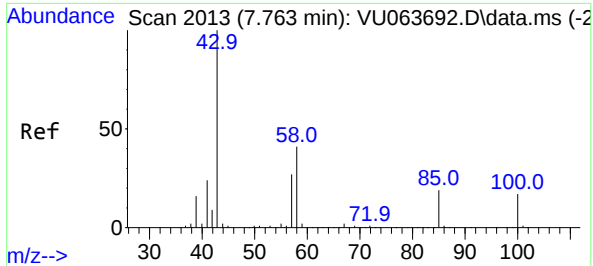
Tgt Ion: 88	Resp: 5127
Ion Ratio	Lower Upper
88	100
43	26.8 24.1 36.1
58	66.7 54.2 81.4



#50
Toluene-d8
Concen: 45.943 ug/l
RT: 7.869 min Scan# 2046
Delta R.T. -0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 98	Resp: 356521
Ion Ratio	Lower Upper
98	100
100	64.8 52.5 78.7

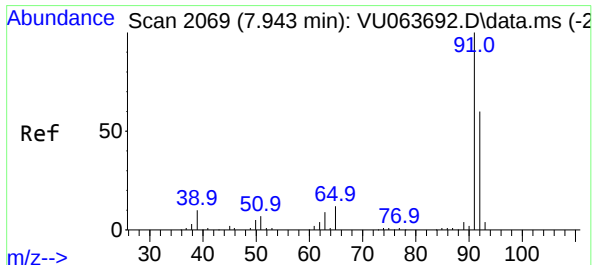
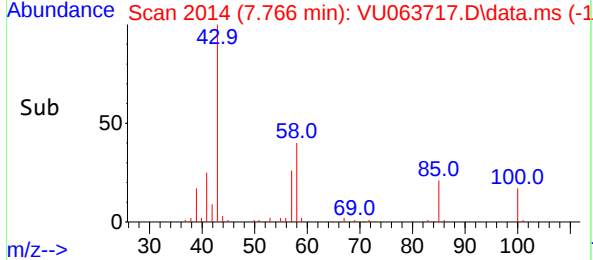
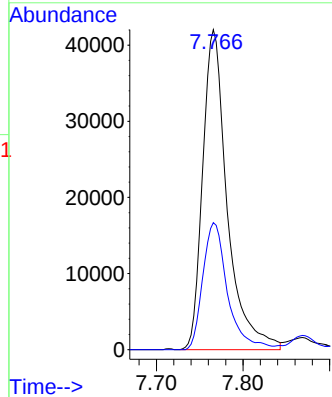
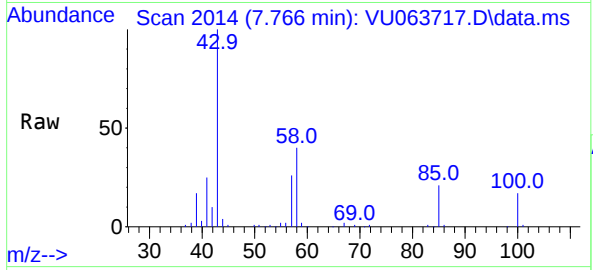




#51
4-Methyl-2-Pentanone
Concen: 23.716 ug/l
RT: 7.766 min Scan# 2014
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

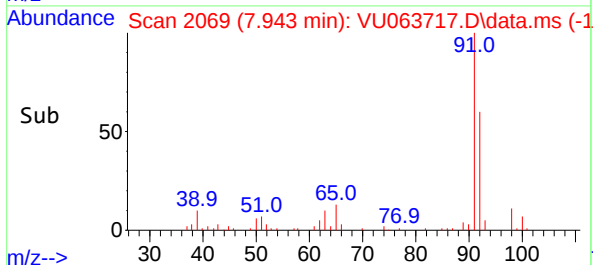
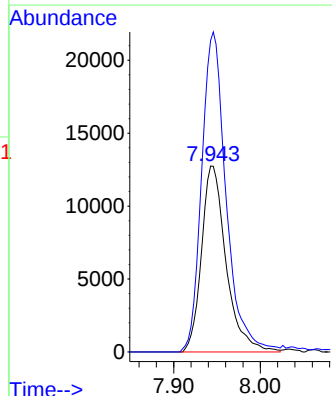
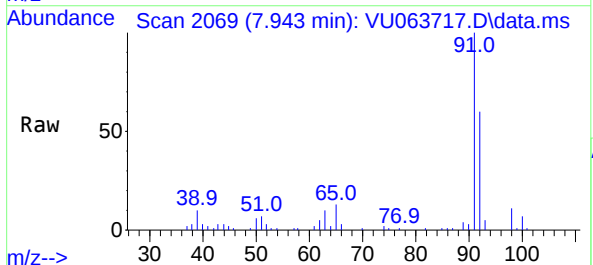
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

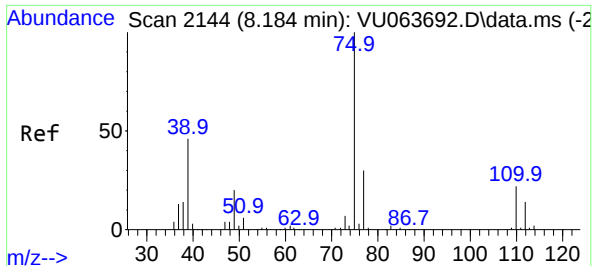
Tgt Ion: 43 Resp: 82808
Ion Ratio Lower Upper
43 100
58 39.9 32.3 48.5



#52
Toluene
Concen: 5.473 ug/l
RT: 7.943 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 92 Resp: 25199
Ion Ratio Lower Upper
92 100
91 170.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 4.235 ug/l

RT: 8.187 min Scan# 2144

Delta R.T. 0.003 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

Instrument :

MSVOA_U

ClientSampleId :

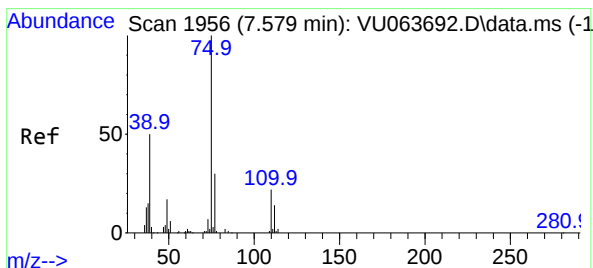
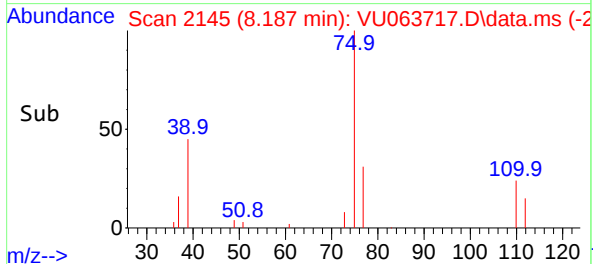
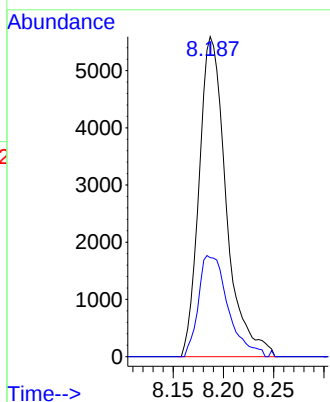
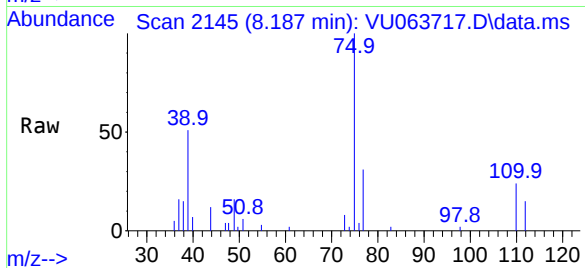
LOQ-WATER-02-QT4-2025

Tgt Ion: 75 Resp: 10470

Ion Ratio Lower Upper

75 100

77 30.9 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 4.443 ug/l

RT: 7.582 min Scan# 1957

Delta R.T. 0.003 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

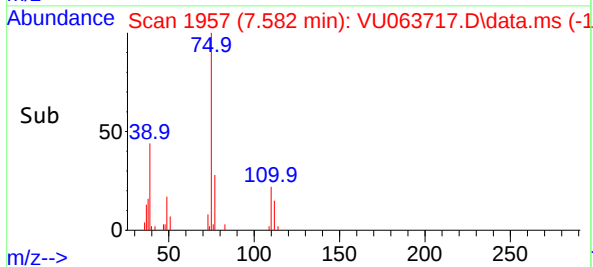
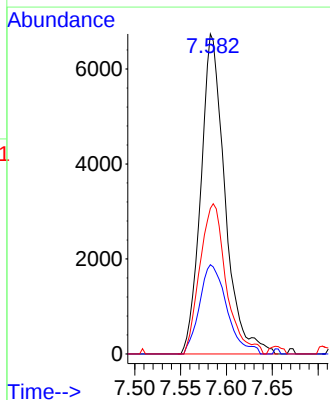
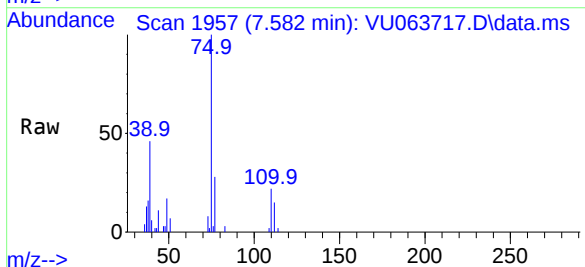
Tgt Ion: 75 Resp: 12312

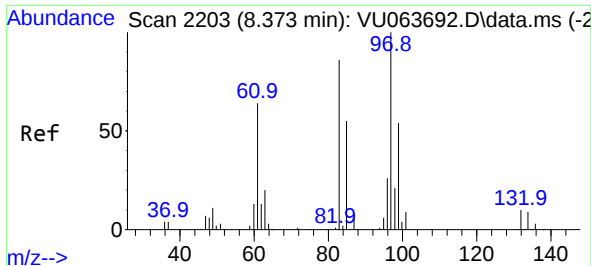
Ion Ratio Lower Upper

75 100

77 27.9 24.3 36.5

39 45.5 40.2 60.2

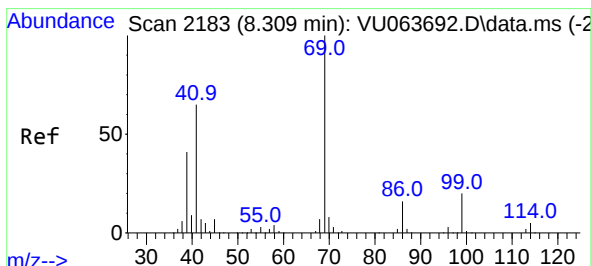
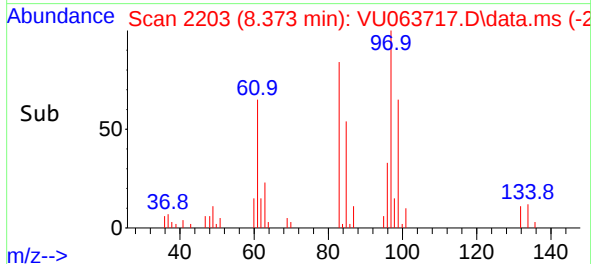
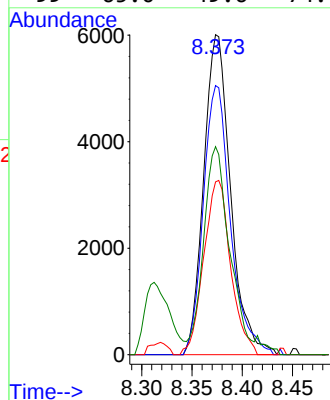
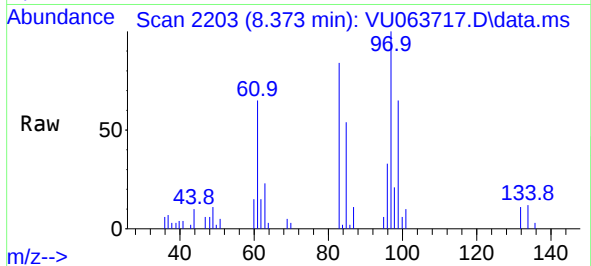




#55
1,1,2-Trichloroethane
Concen: 5.295 ug/l
RT: 8.373 min Scan# 21187
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

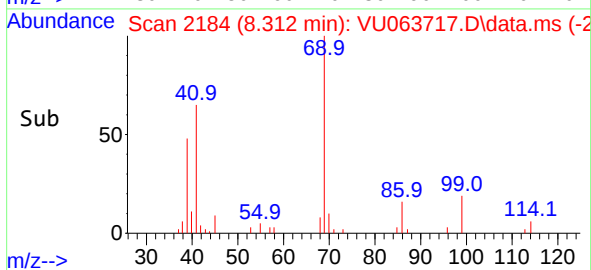
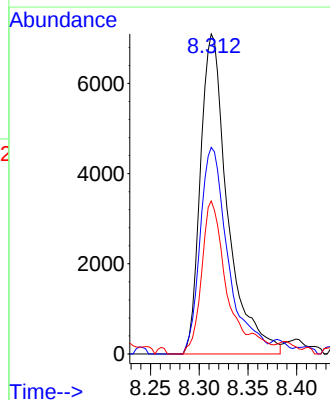
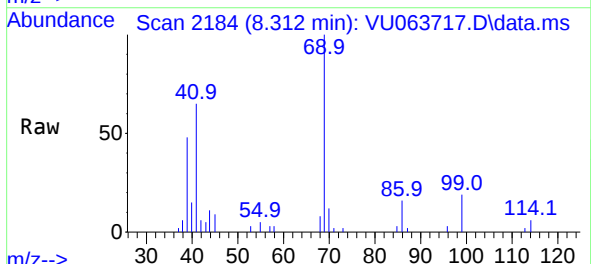
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

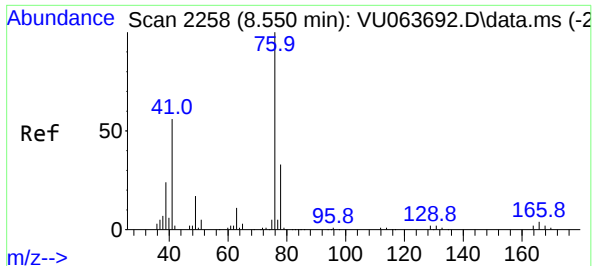
Tgt Ion:	97	Resp:	11187
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.0	103.4
85	54.0	44.2	66.4
99	65.0	49.6	74.4



#56
Ethyl methacrylate
Concen: 4.433 ug/l
RT: 8.312 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion:	69	Resp:	13819
Ion	Ratio	Lower	Upper
69	100		
41	66.4	51.4	77.2
39	41.9	32.2	48.4





#57

1,3-Dichloropropane

Concen: 5.297 ug/l

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

Instrument :

MSVOA_U

ClientSampleId :

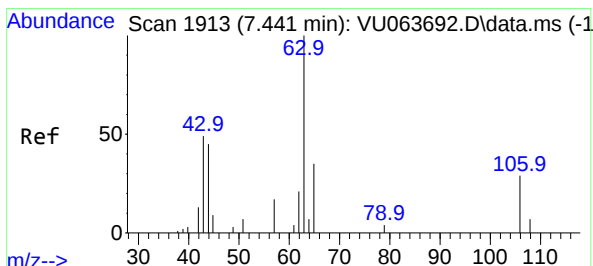
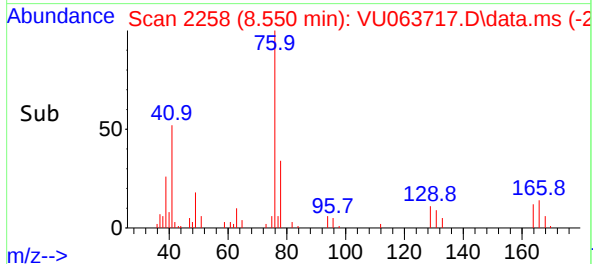
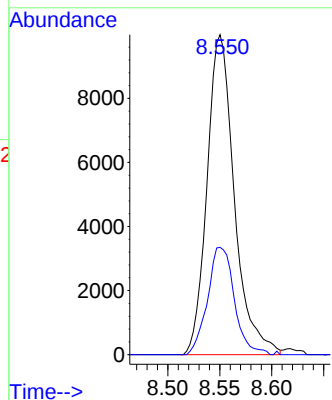
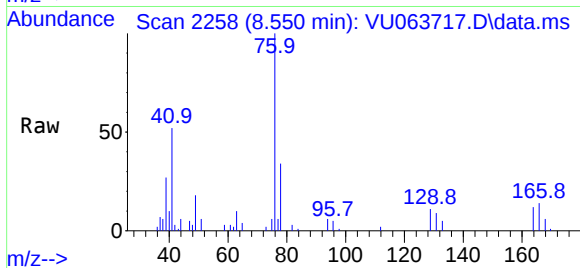
LOQ-WATER-02-QT4-2025

Tgt Ion: 76 Resp: 18260

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 15.658 ug/l

RT: 7.463 min Scan# 1920

Delta R.T. 0.022 min

Lab File: VU063717.D

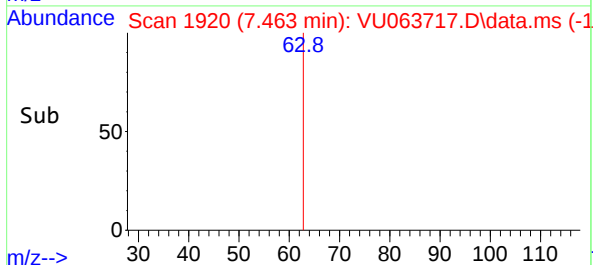
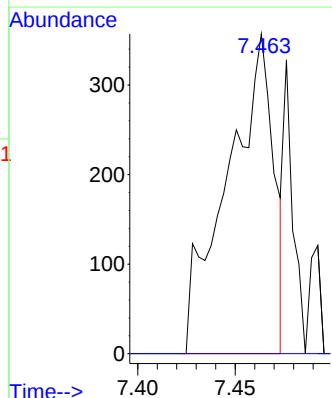
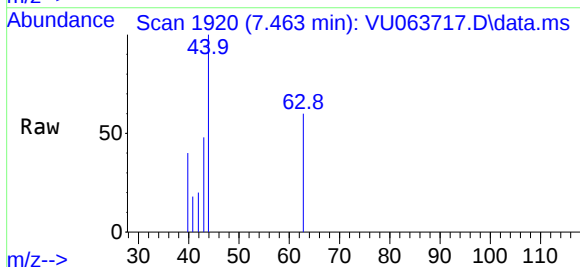
Acq: 12 Nov 2025 14:05

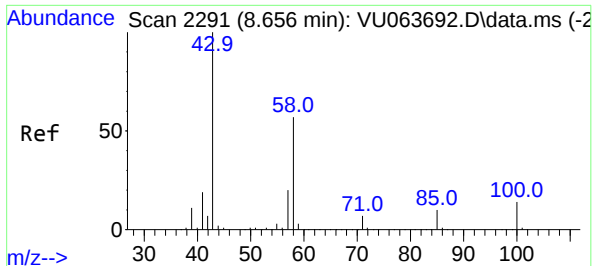
Tgt Ion: 63 Resp: 587

Ion Ratio Lower Upper

63 100

106 0.0 15.8 23.8#

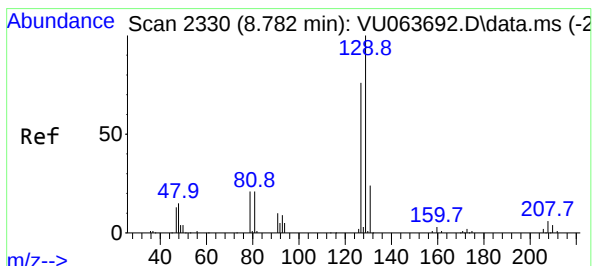
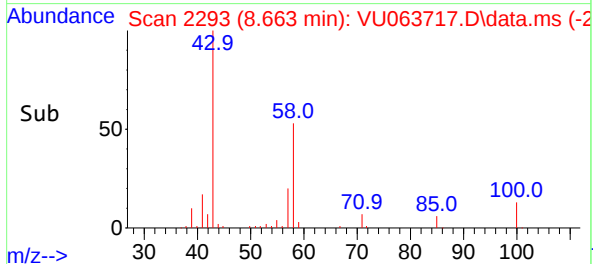
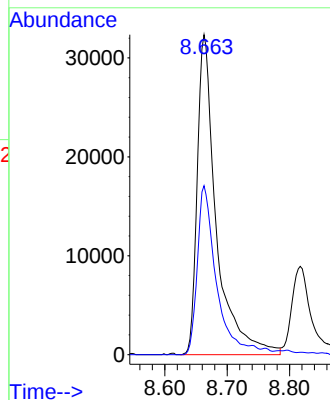
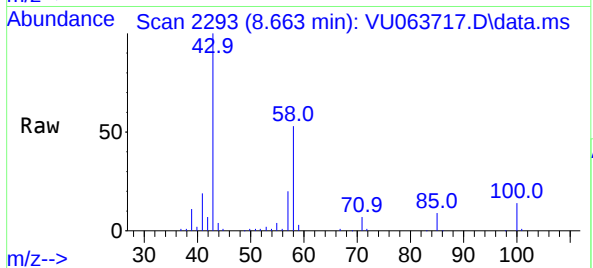




#59
2-Hexanone
Concen: 26.495 ug/l
RT: 8.663 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

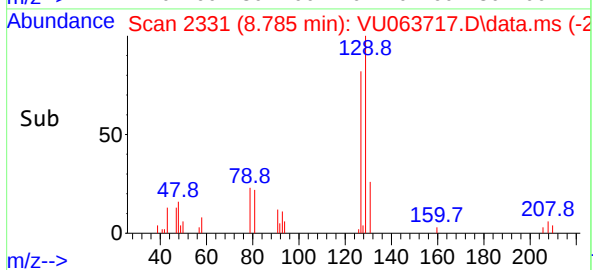
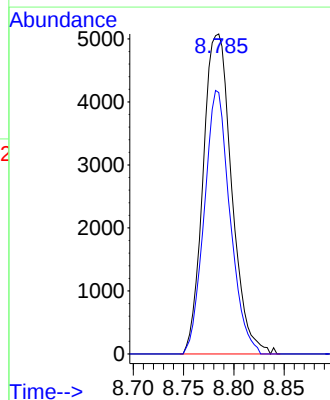
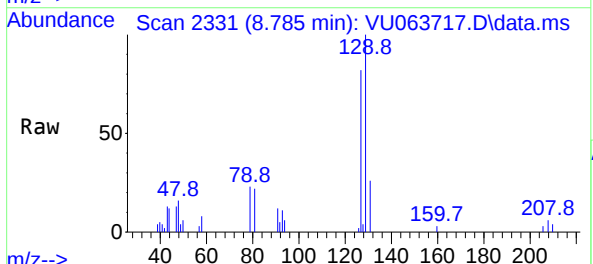
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

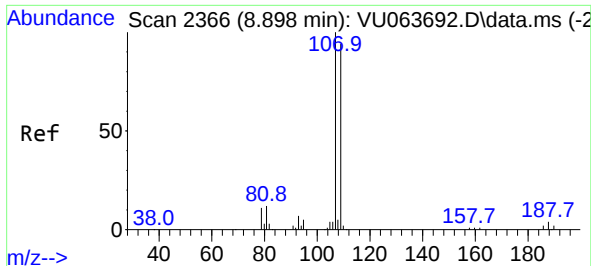
Tgt Ion: 43 Resp: 68904
Ion Ratio Lower Upper
43 100
58 50.9 28.4 85.3



#60
Dibromochloromethane
Concen: 4.540 ug/l
RT: 8.785 min Scan# 2331
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 129 Resp: 10046
Ion Ratio Lower Upper
129 100
127 74.4 38.2 114.6

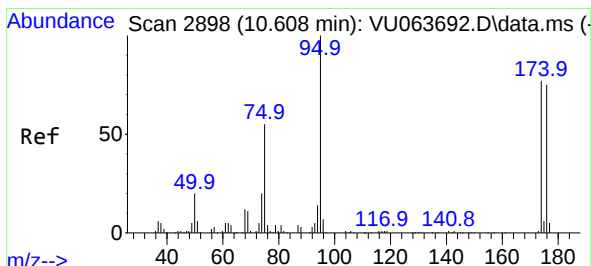
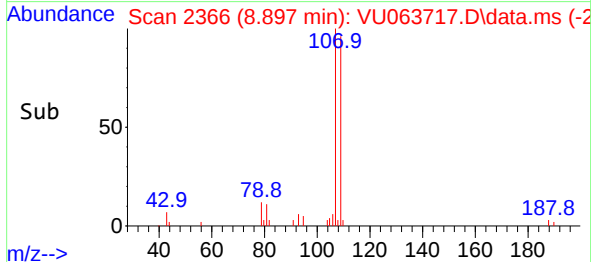
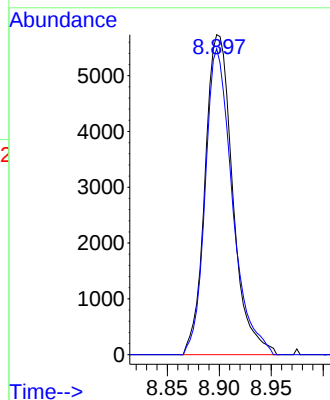
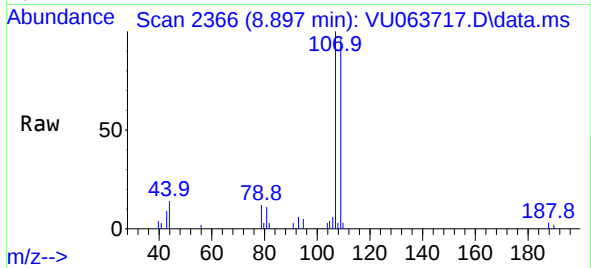




#61
1,2-Dibromoethane
Concen: 5.214 ug/l
RT: 8.897 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

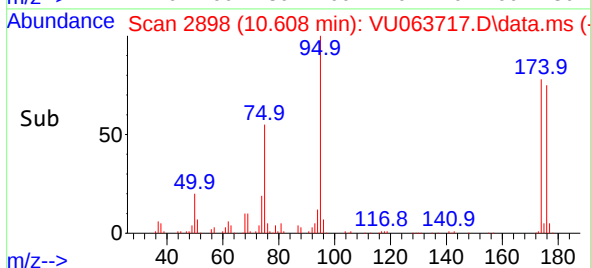
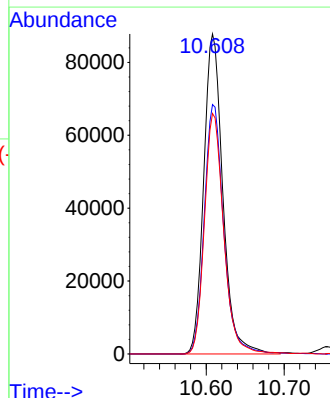
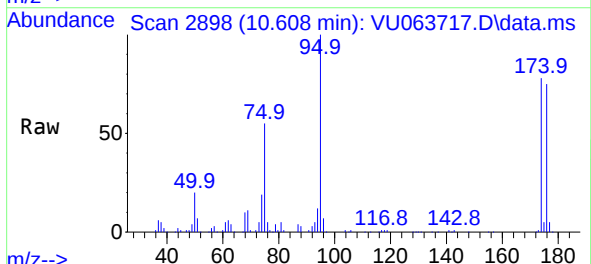
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

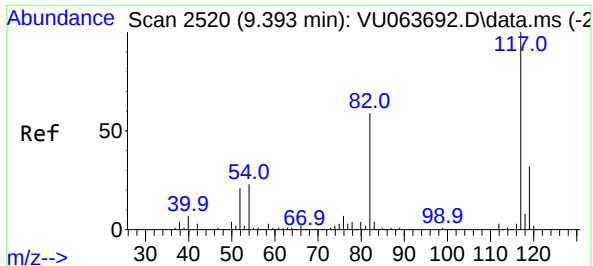
Tgt Ion:107 Resp: 10616
Ion Ratio Lower Upper
107 100
109 93.8 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 46.669 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 95 Resp: 149812
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 75.8 0.0 148.4



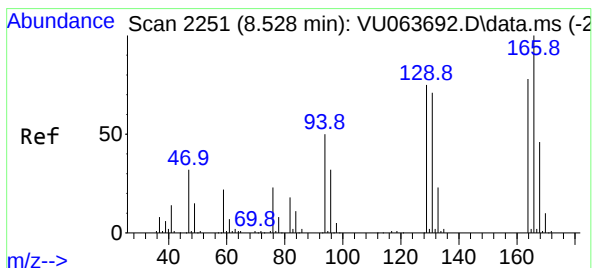
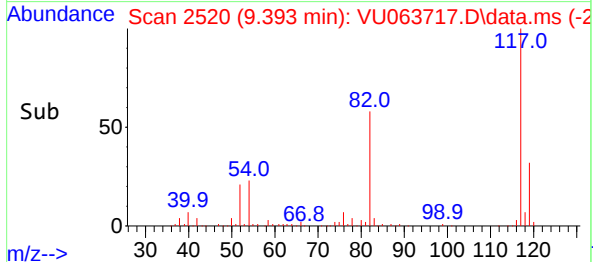
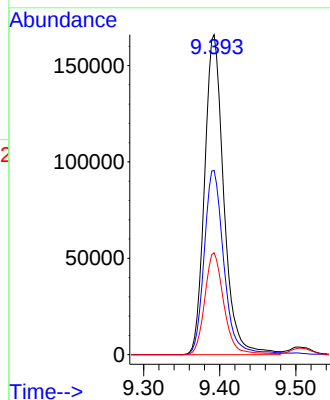
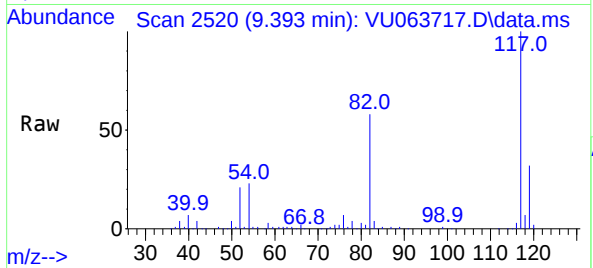


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

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

Tgt Ion:117 Resp: 292254

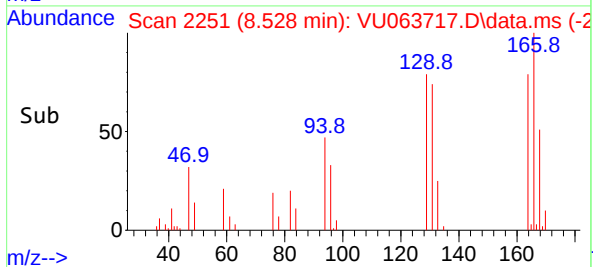
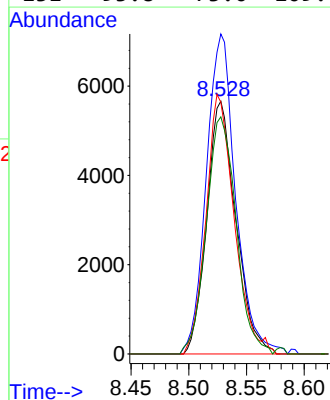
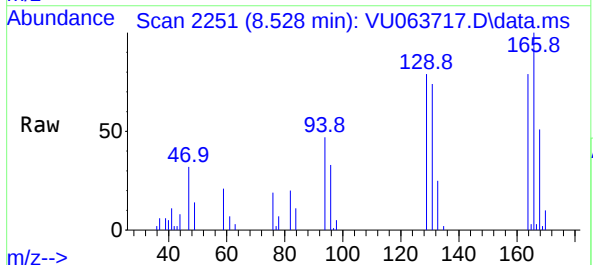
Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.9	70.3
119	31.9	25.8	38.8

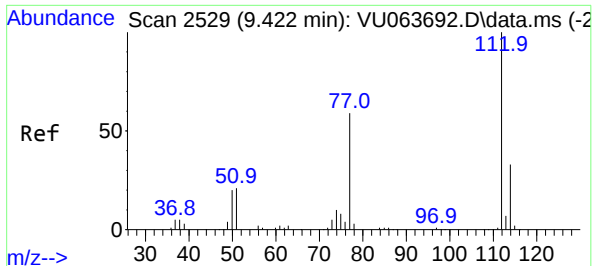


#64
Tetrachloroethene
Concen: 5.268 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion:164 Resp: 9932

Ion	Ratio	Lower	Upper
164	100		
166	126.5	102.5	153.7
129	99.6	77.1	115.7
131	93.8	73.0	109.6





#65

Chlorobenzene

Concen: 5.292 ug/l

RT: 9.425 min Scan# 2529

Delta R.T. 0.003 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

Instrument :

MSVOA_U

ClientSampleId :

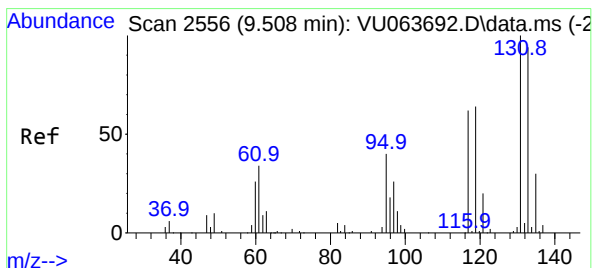
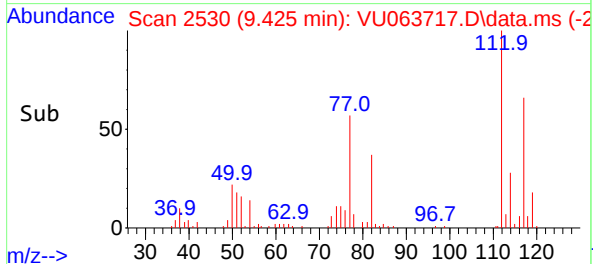
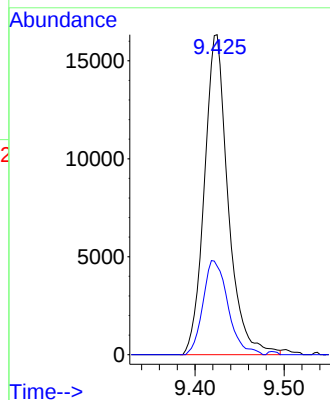
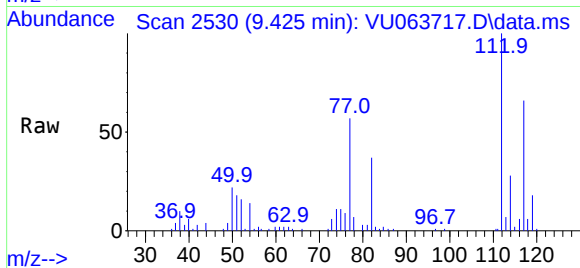
LOQ-WATER-02-QT4-2025

Tgt Ion:112 Resp: 30221

Ion Ratio Lower Upper

112 100

114 27.7 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 4.835 ug/l

RT: 9.508 min Scan# 2556

Delta R.T. -0.000 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

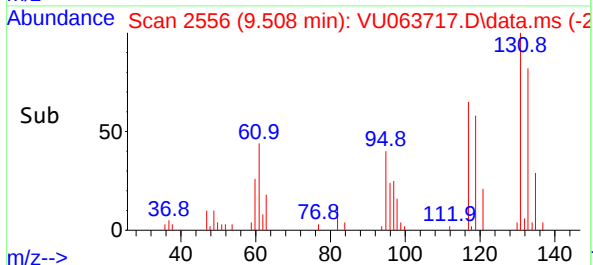
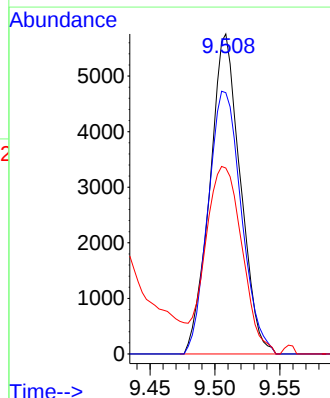
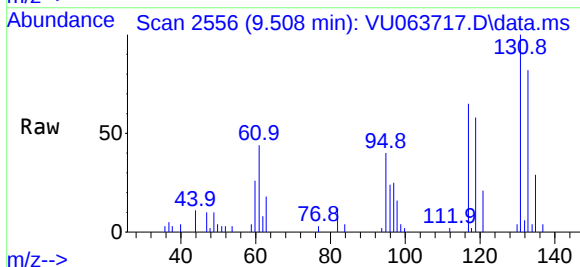
Tgt Ion:131 Resp: 9391

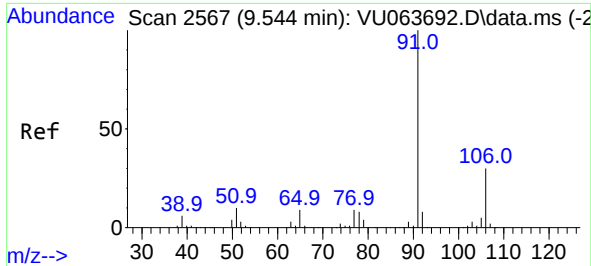
Ion Ratio Lower Upper

131 100

133 89.5 47.5 142.5

119 70.3 33.3 99.8





#67

Ethyl Benzene

Concen: 5.084 ug/l

RT: 9.547 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

Instrument :

MSVOA_U

ClientSampleId :

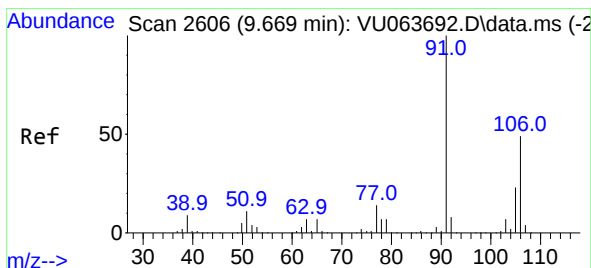
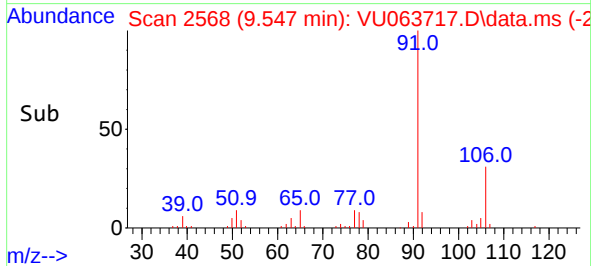
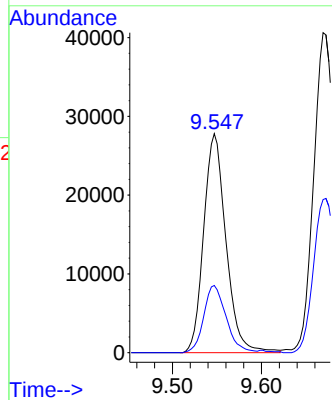
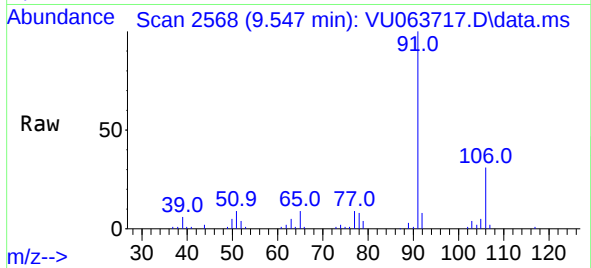
LOQ-WATER-02-QT4-2025

Tgt Ion: 91 Resp: 48361

Ion Ratio Lower Upper

91 100

106 30.7 23.8 35.8



#68

m/p-Xylenes

Concen: 10.535 ug/l

RT: 9.672 min Scan# 2607

Delta R.T. 0.003 min

Lab File: VU063717.D

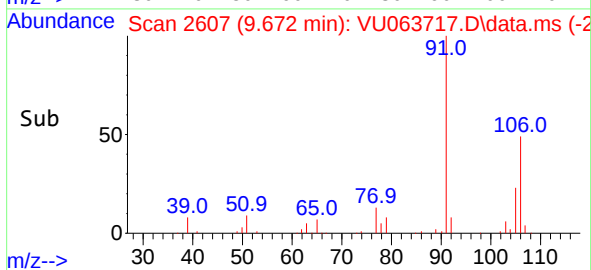
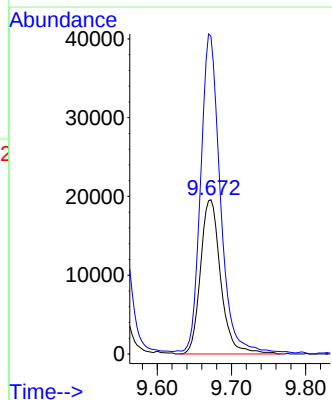
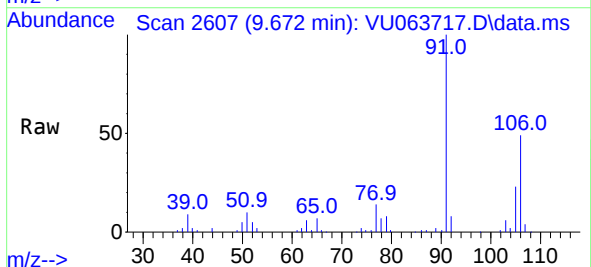
Acq: 12 Nov 2025 14:05

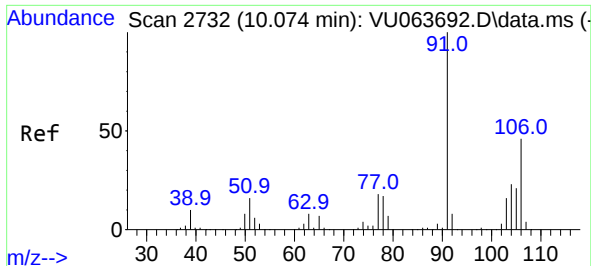
Tgt Ion:106 Resp: 36986

Ion Ratio Lower Upper

106 100

91 201.9 165.7 248.5

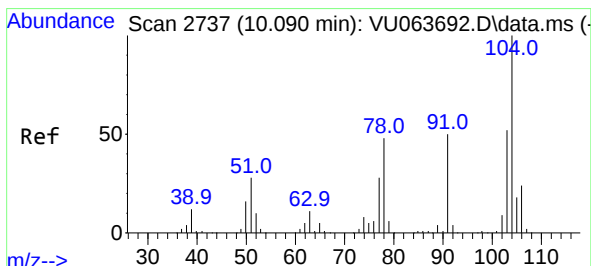
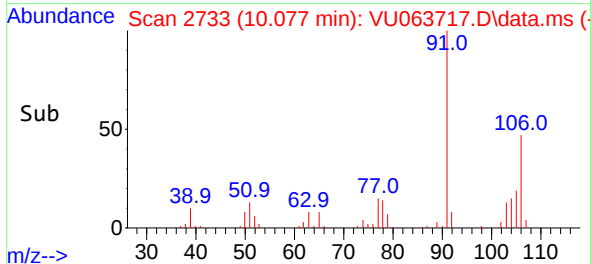
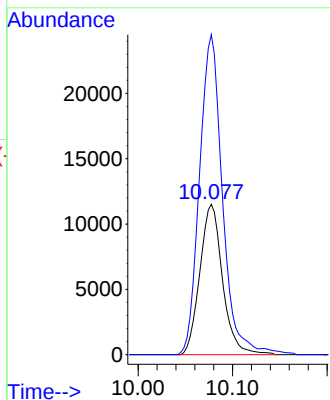
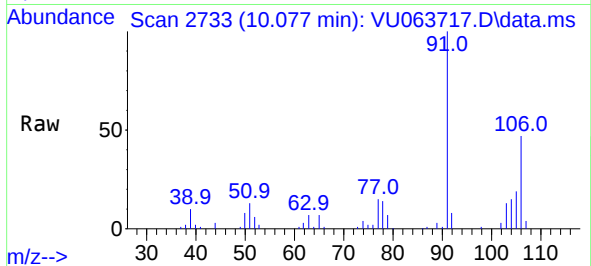




#69
o-Xylene
Concen: 5.305 ug/l
RT: 10.077 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

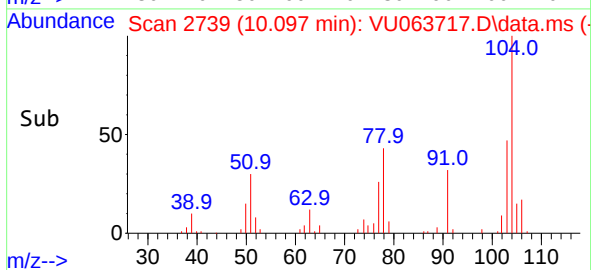
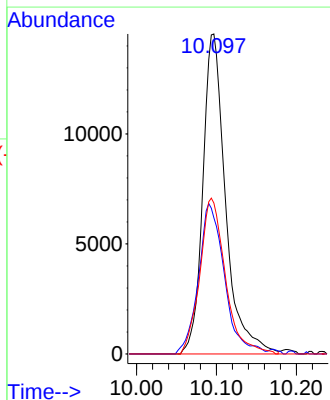
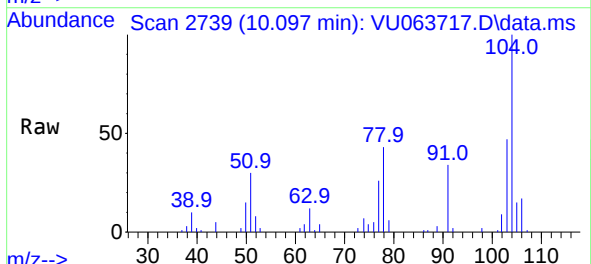
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

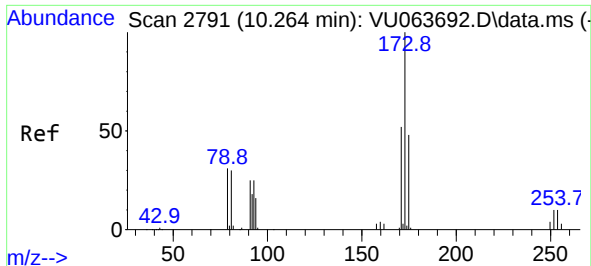
Tgt Ion:106 Resp: 19221
Ion Ratio Lower Upper
106 100
91 215.5 108.7 325.9



#70
Styrene
Concen: 4.957 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion:104 Resp: 28845
Ion Ratio Lower Upper
104 100
78 53.4 42.7 64.1
103 54.7 44.0 66.0

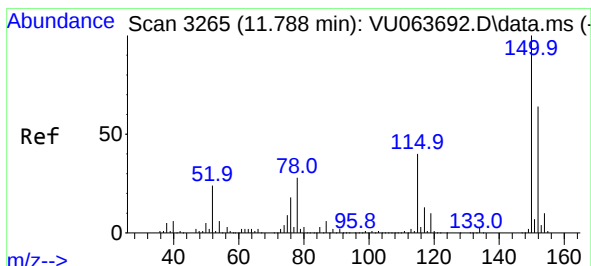
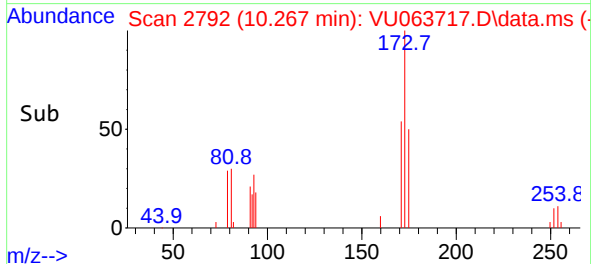
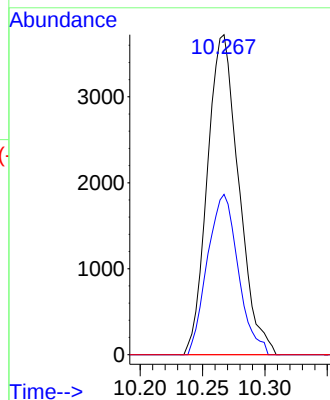
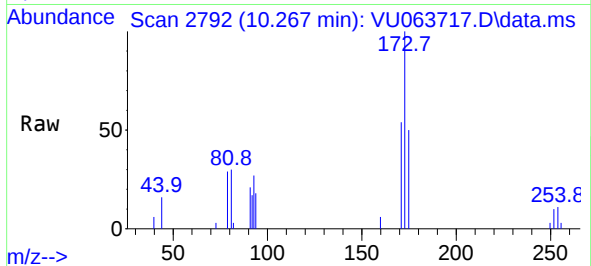




#71
Bromoform
Concen: 4.169 ug/l
RT: 10.267 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

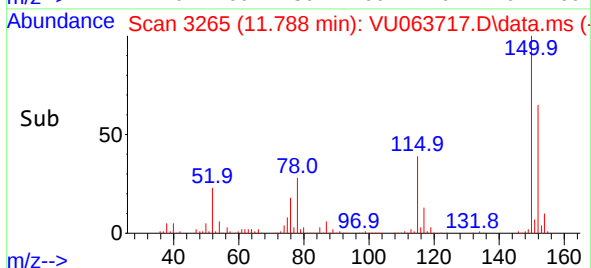
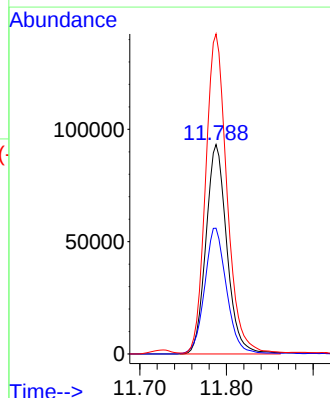
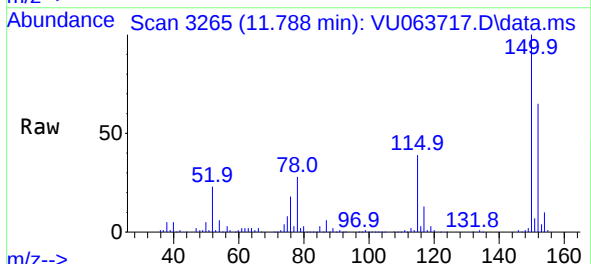
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

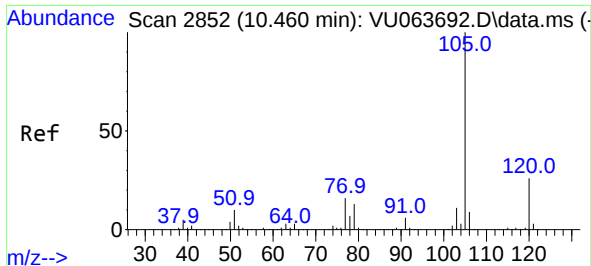
Tgt Ion:173 Resp: 6520
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion:152 Resp: 156667
Ion Ratio Lower Upper
152 100
115 62.8 41.0 123.0
150 154.6 0.0 342.2

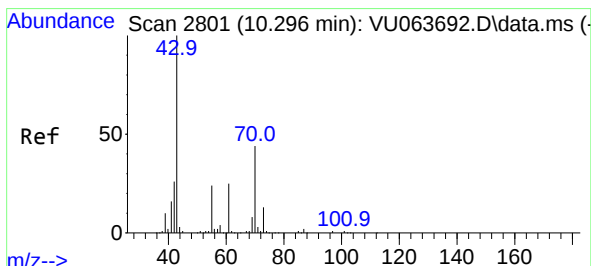
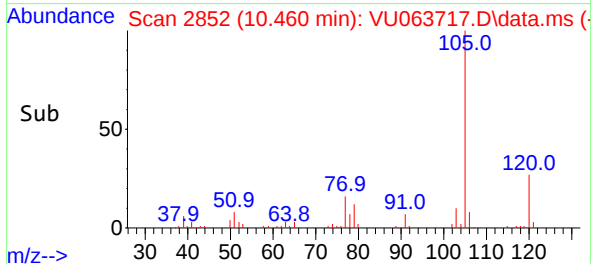
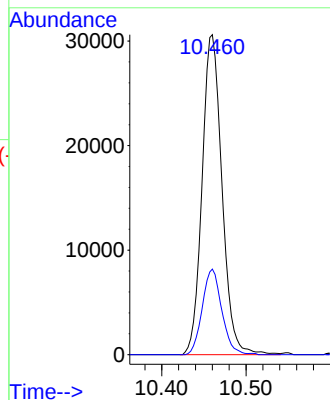
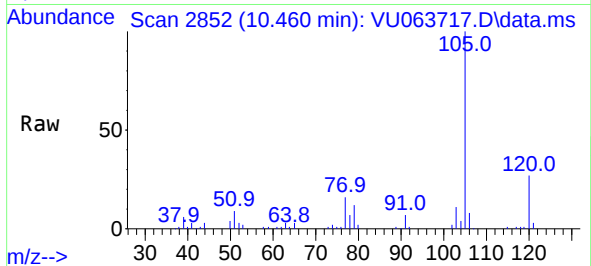




#73
Isopropylbenzene
Concen: 5.121 ug/l
RT: 10.460 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

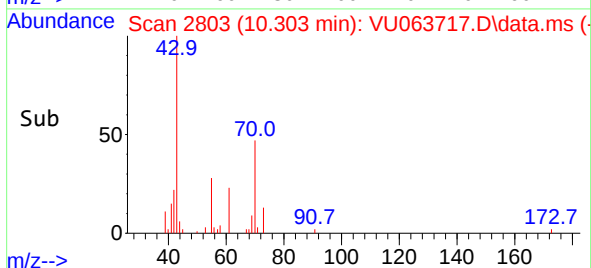
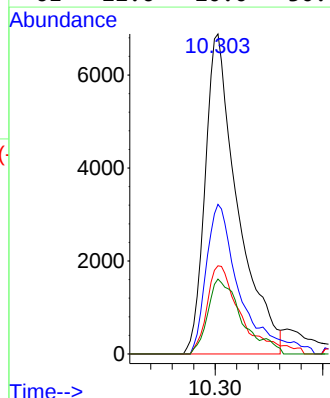
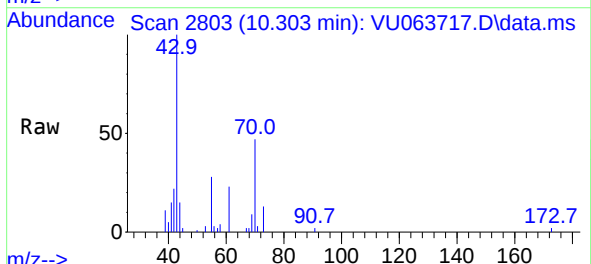
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

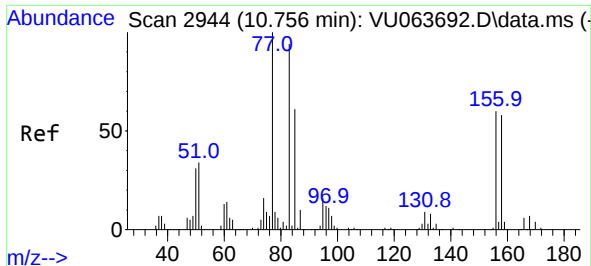
Tgt Ion:105 Resp: 50401
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 4.211 ug/l
RT: 10.303 min Scan# 2803
Delta R.T. 0.006 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 43 Resp: 14441
Ion Ratio Lower Upper
43 100
70 48.7 36.5 54.7
55 28.9 20.6 30.8
61 22.6 20.0 30.0

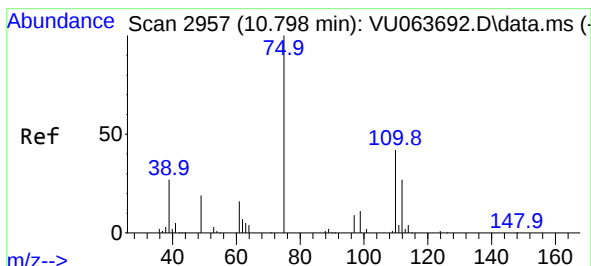
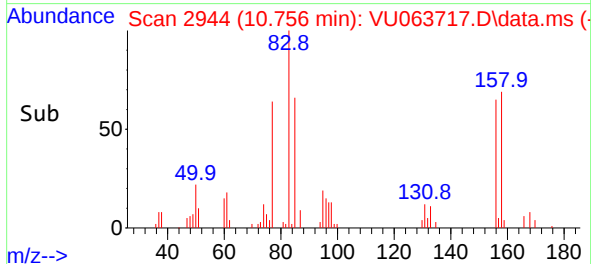
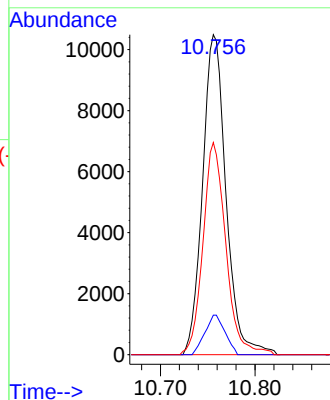
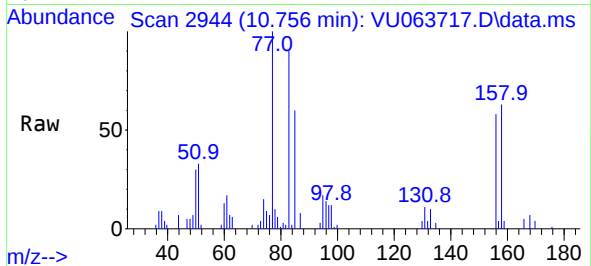




#75
1,1,2,2-Tetrachloroethane
Concen: 4.780 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

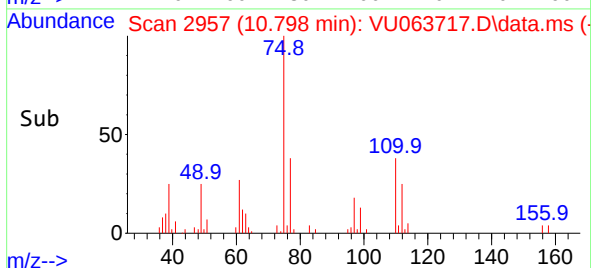
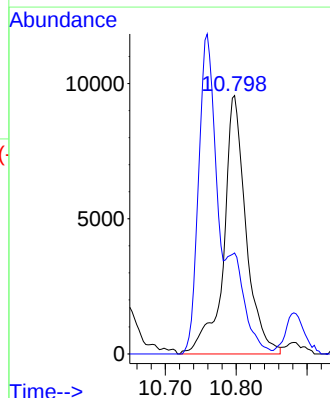
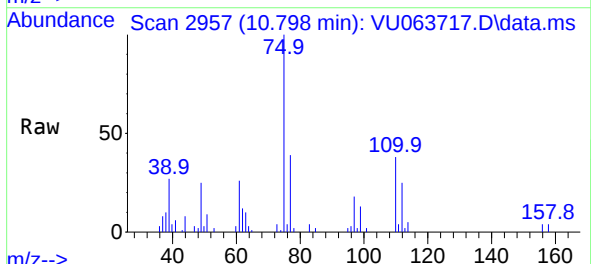
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

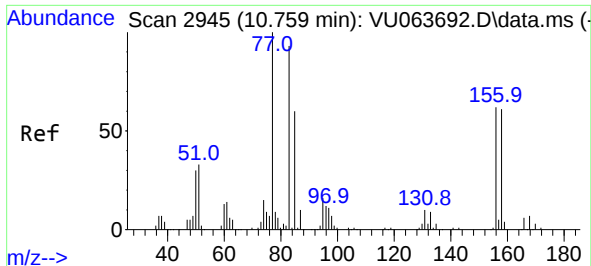
Tgt Ion: 83 Resp: 18067
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.4
85 64.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 5.302 ug/l
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 75 Resp: 20934
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

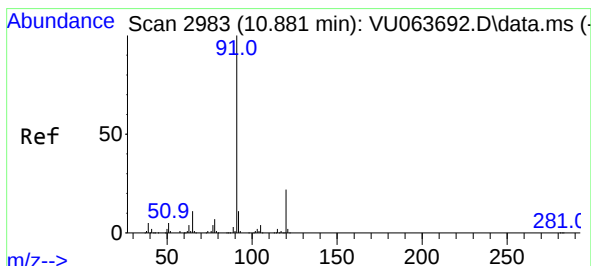
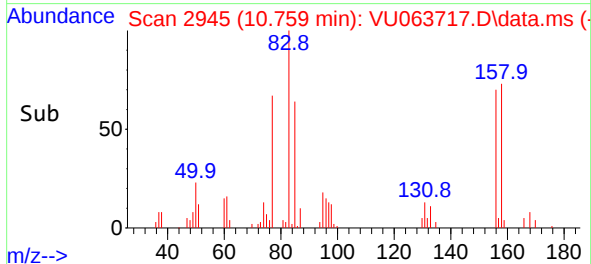
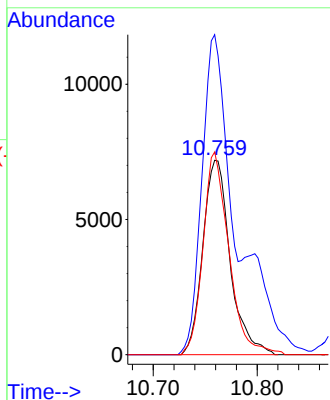
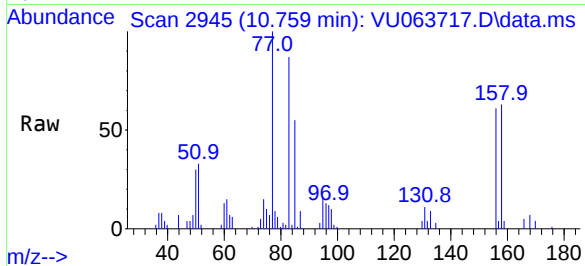




#77
Bromobenzene
Concen: 5.313 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

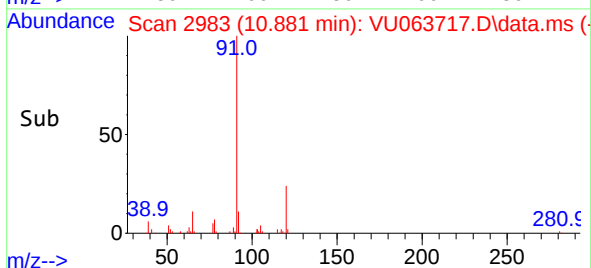
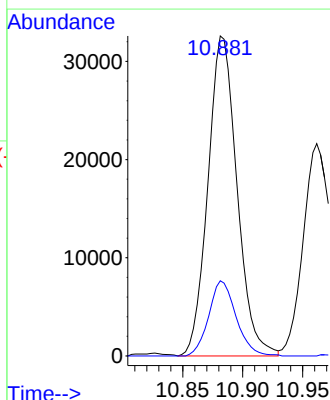
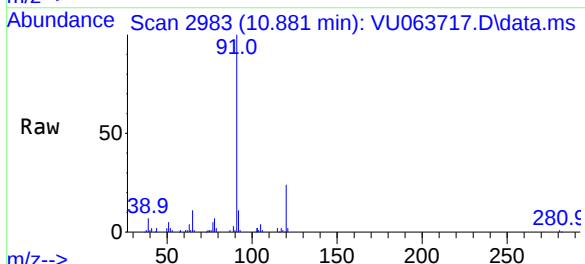
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

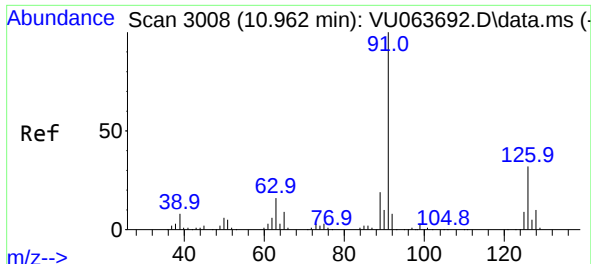
Tgt Ion:156 Resp: 13157
Ion Ratio Lower Upper
156 100
77 159.2 81.4 244.2
158 98.4 48.8 146.3



#78
n-propylbenzene
Concen: 4.872 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 91 Resp: 55014
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.6

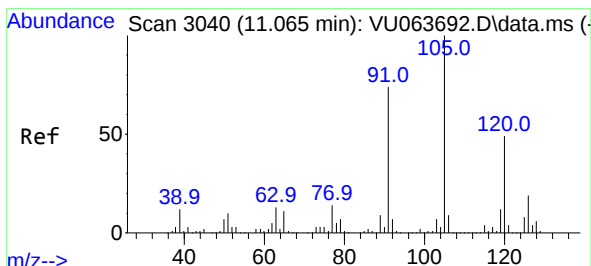
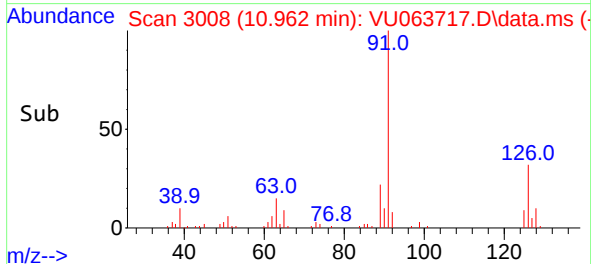
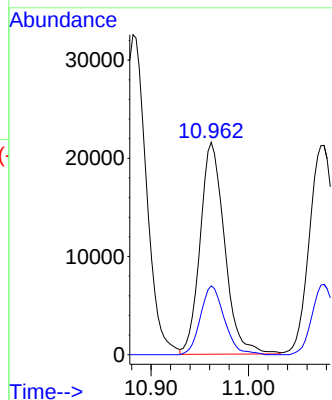
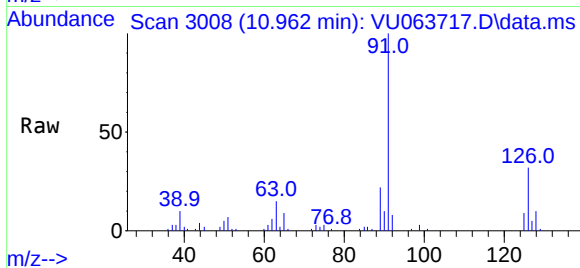




#79
2-Chlorotoluene
Concen: 5.151 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

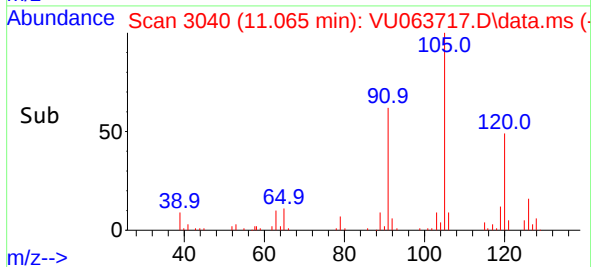
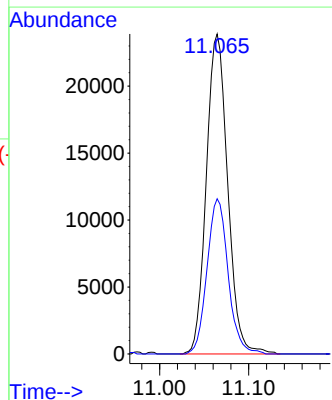
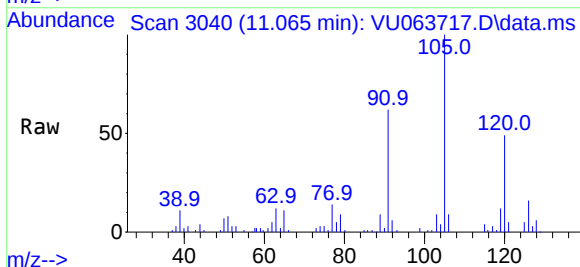
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

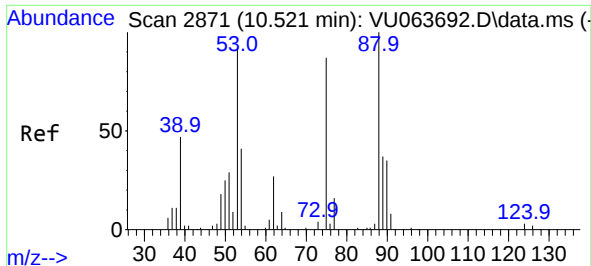
Tgt Ion: 91 Resp: 37593
Ion Ratio Lower Upper
91 100
126 31.7 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 4.817 ug/l
RT: 11.065 min Scan# 3040
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion:105 Resp: 39752
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.2

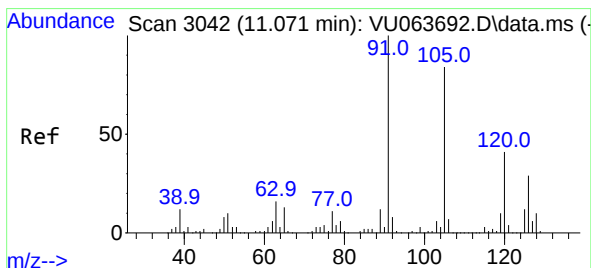
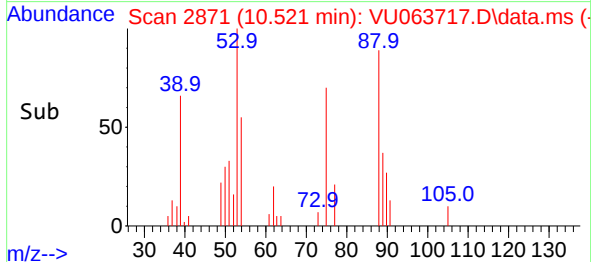
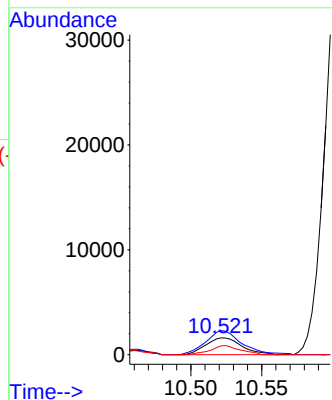
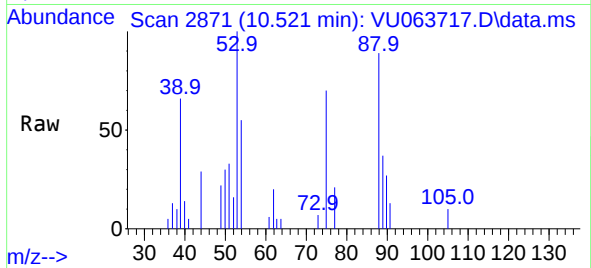




#81
trans-1,4-Dichloro-2-butene
Concen: 3.811 ug/l
RT: 10.521 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

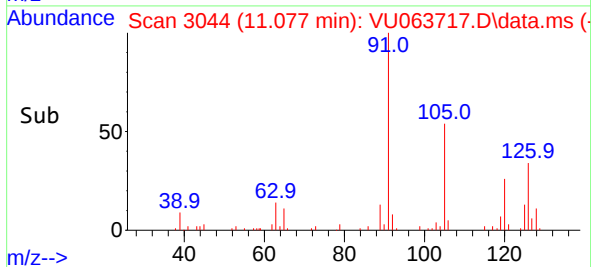
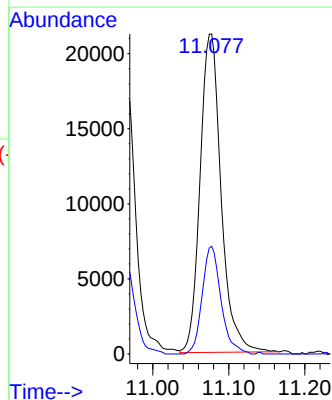
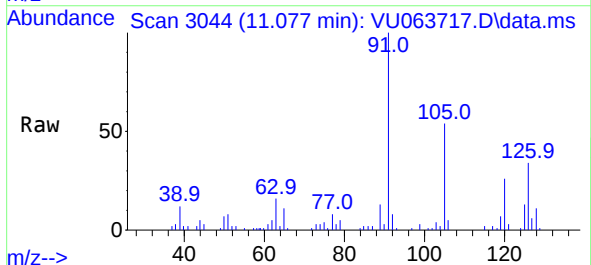
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

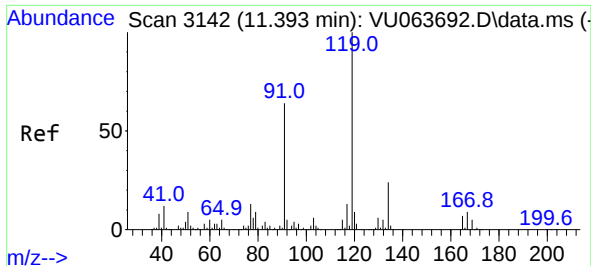
Tgt Ion: 75 Resp: 2824
Ion Ratio Lower Upper
75 100
53 143.6 86.5 129.7#
89 44.7 35.2 52.8



#82
4-Chlorotoluene
Concen: 4.919 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. 0.006 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion: 91 Resp: 40794
Ion Ratio Lower Upper
91 100
126 30.2 14.2 42.8

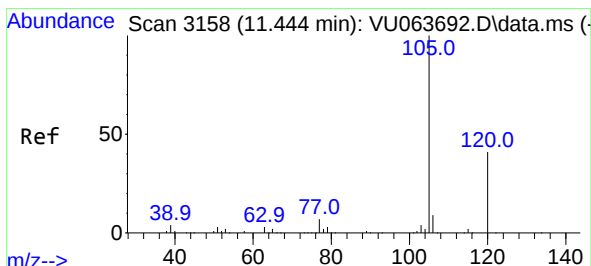
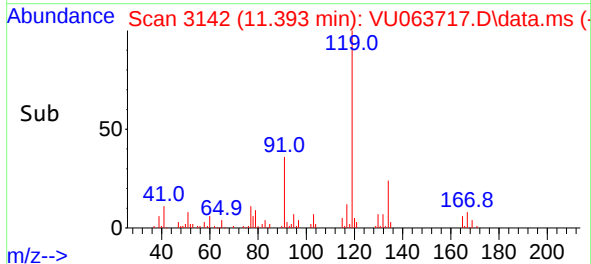
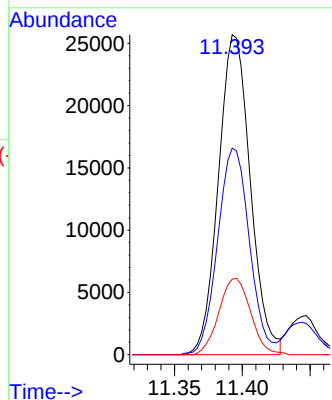
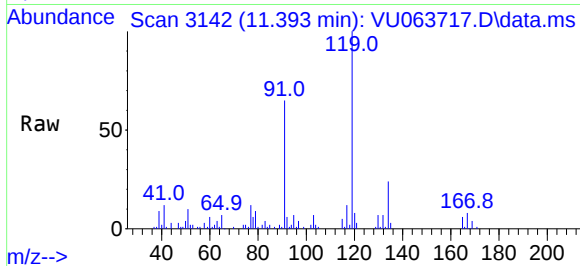




#83
tert-Butylbenzene
Concen: 4.897 ug/l
RT: 11.393 min Scan# 3142
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

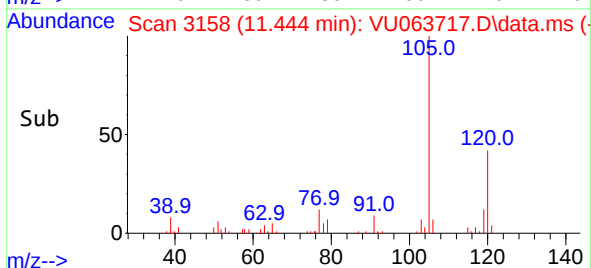
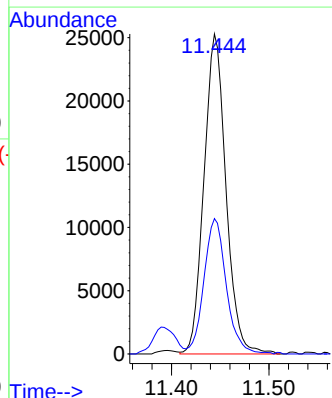
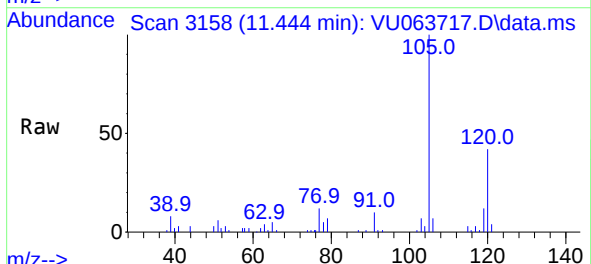
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

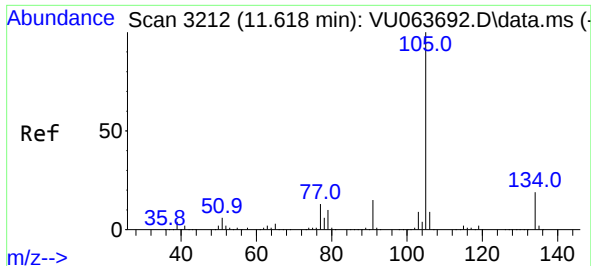
Tgt Ion:	119	Resp:	42096
Ion Ratio	Lower	Upper	
119	100		
91	64.3	30.8	92.3
134	23.6	11.9	35.5



#84
1,2,4-Trimethylbenzene
Concen: 4.904 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion:	105	Resp:	39718
Ion Ratio	Lower	Upper	
105	100		
120	43.0	22.4	67.3

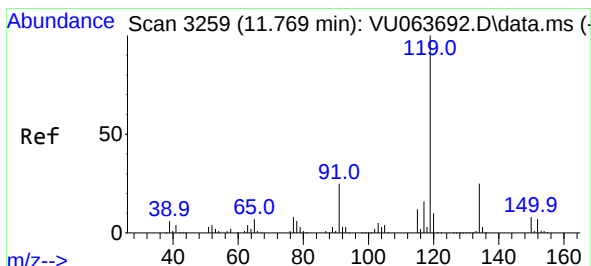
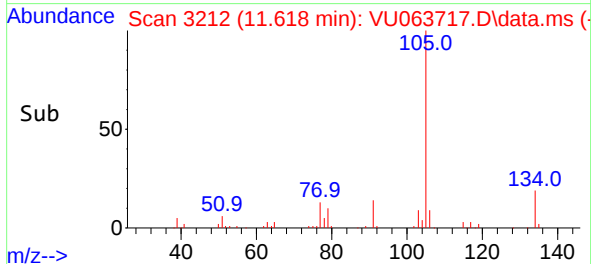
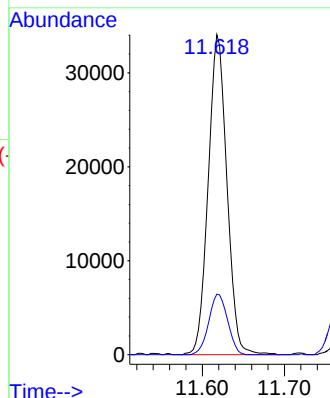
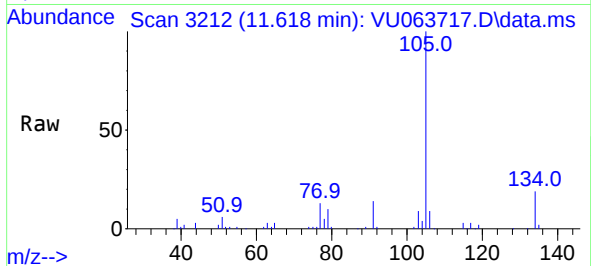




#85
 sec-Butylbenzene
 Concen: 4.961 ug/l
 RT: 11.618 min Scan# 3212
 Delta R.T. -0.000 min
 Lab File: VU063717.D
 Acq: 12 Nov 2025 14:05

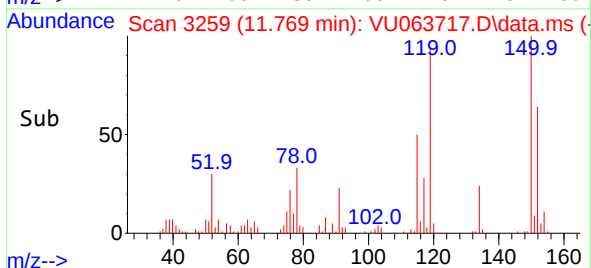
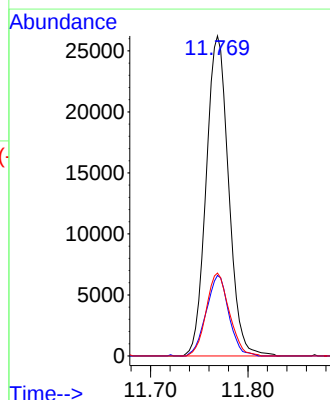
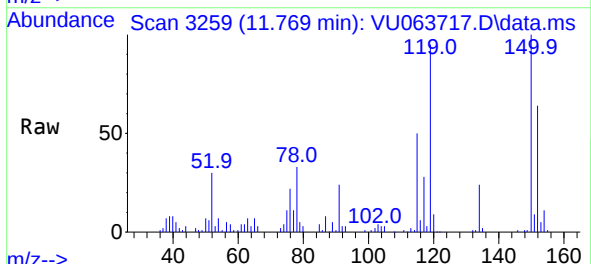
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

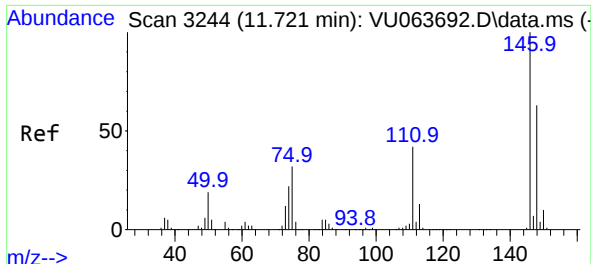
Tgt Ion:105 Resp: 53874
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 4.809 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU063717.D
 Acq: 12 Nov 2025 14:05

Tgt Ion:119 Resp: 41922
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.6
 91 26.6 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 5.327 ug/l

RT: 11.724 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

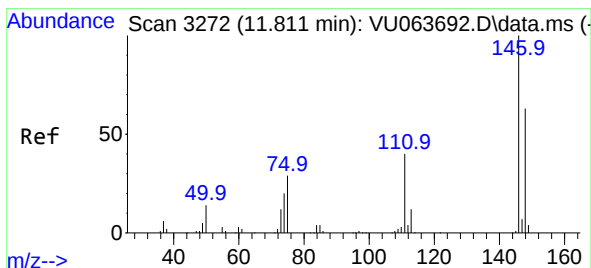
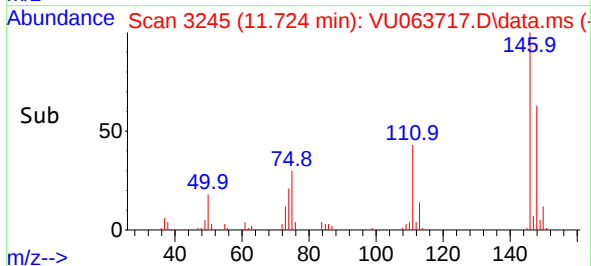
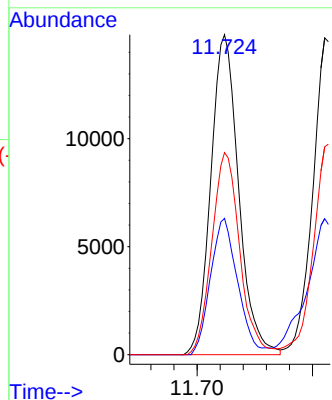
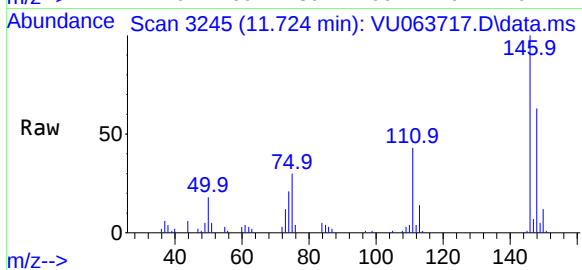
Tgt Ion:146 Resp: 24784

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.8

148 63.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 5.371 ug/l

RT: 11.811 min Scan# 3272

Delta R.T. -0.000 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

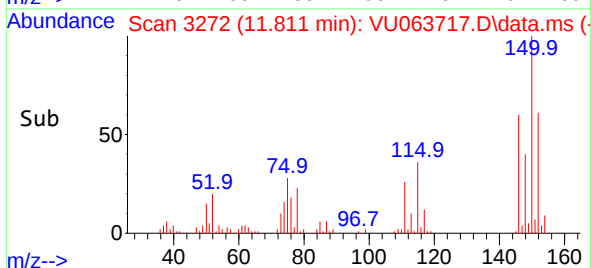
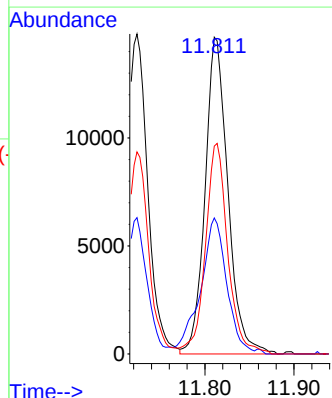
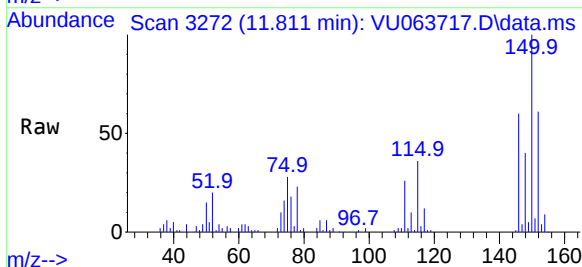
Tgt Ion:146 Resp: 26146

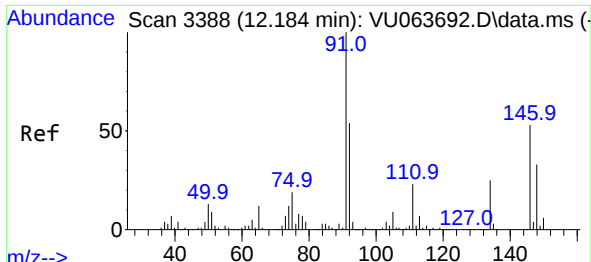
Ion Ratio Lower Upper

146 100

111 47.4 20.4 61.3

148 65.1 31.4 94.3





#89

n-Butylbenzene

Concen: 4.718 ug/l

RT: 12.184 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

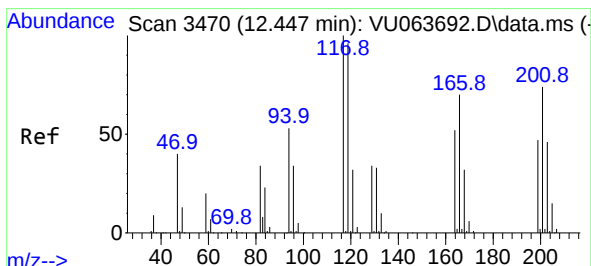
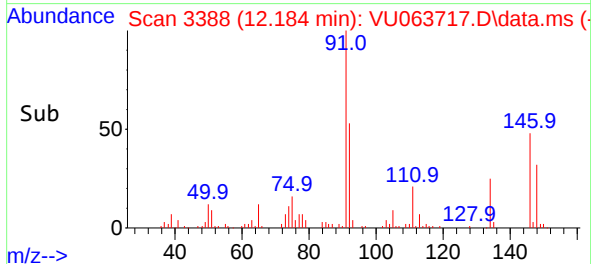
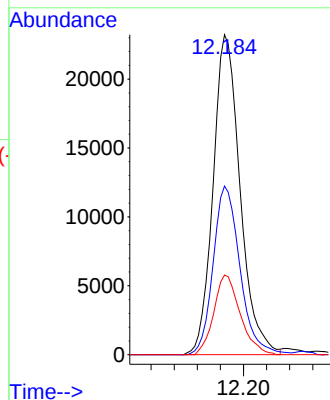
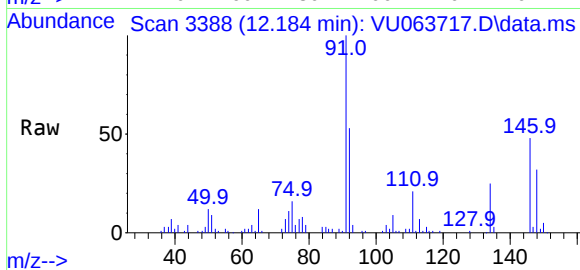
Tgt Ion: 91 Resp: 37774

Ion Ratio Lower Upper

91 100

92 52.3 27.0 81.0

134 24.3 12.4 37.4



#90

Hexachloroethane

Concen: 3.984 ug/l

RT: 12.447 min Scan# 3470

Delta R.T. -0.000 min

Lab File: VU063717.D

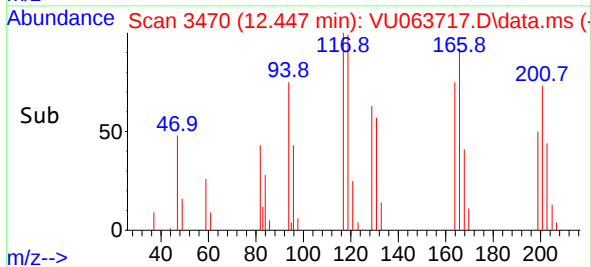
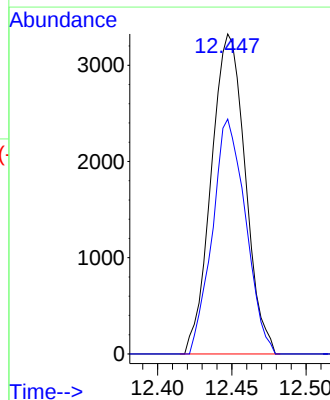
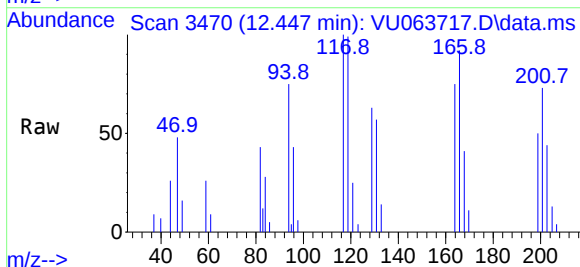
Acq: 12 Nov 2025 14:05

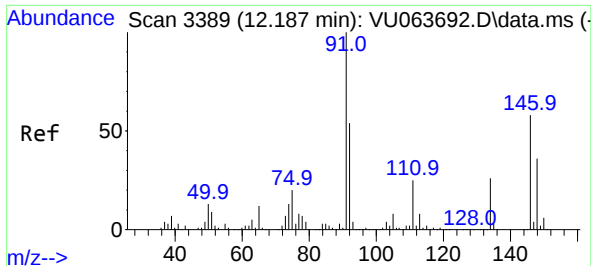
Tgt Ion:117 Resp: 5299

Ion Ratio Lower Upper

117 100

201 71.6 36.6 109.8





#91

1,2-Dichlorobenzene

Concen: 4.994 ug/l

RT: 12.190 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

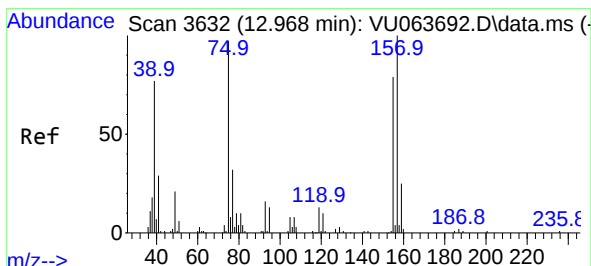
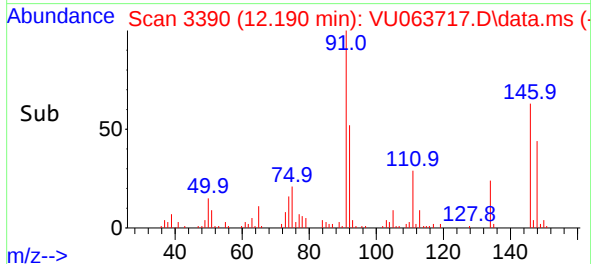
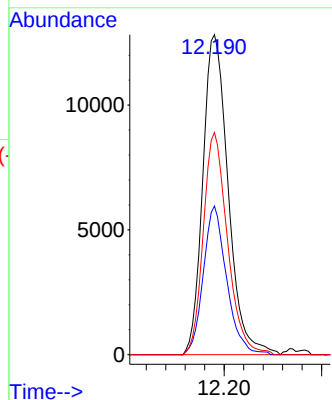
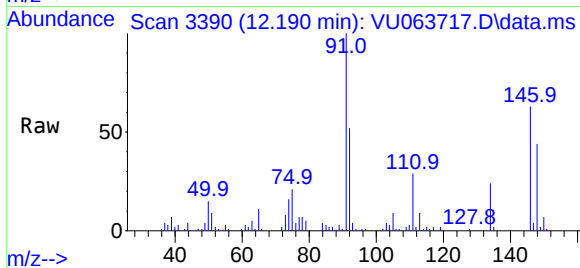
Tgt Ion:146 Resp: 23201

Ion Ratio Lower Upper

146 100

111 42.8 21.8 65.3

148 66.3 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.179 ug/l

RT: 12.971 min Scan# 3633

Delta R.T. 0.003 min

Lab File: VU063717.D

Acq: 12 Nov 2025 14:05

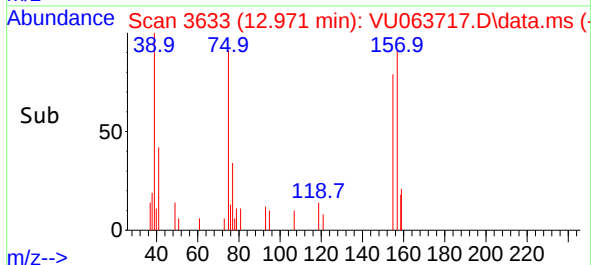
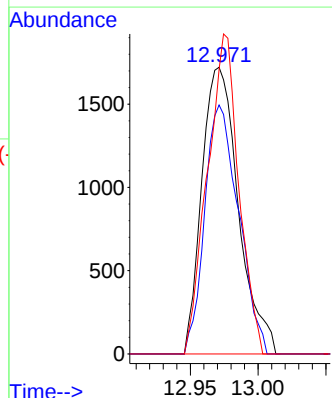
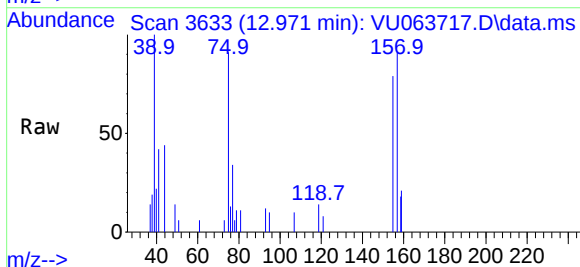
Tgt Ion: 75 Resp: 3237

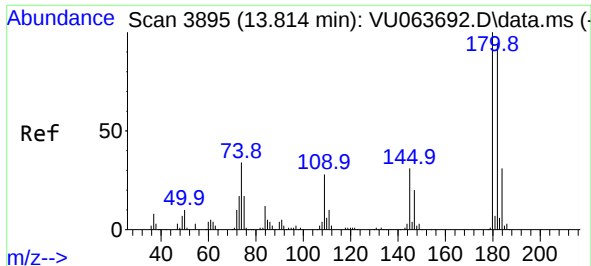
Ion Ratio Lower Upper

75 100

155 80.7 40.5 121.4

157 95.8 50.4 151.3

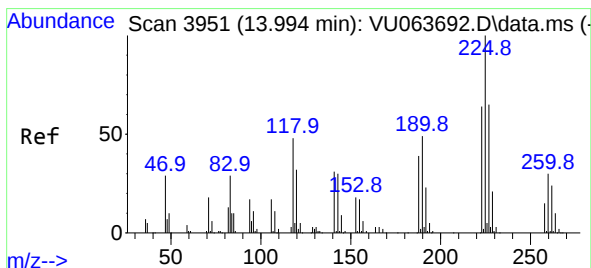
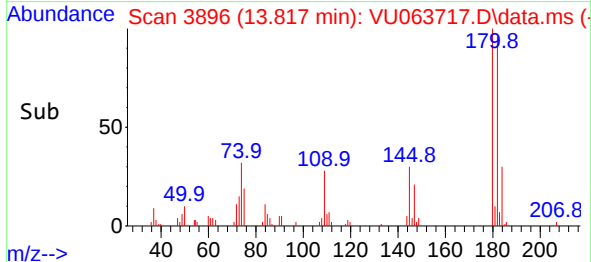
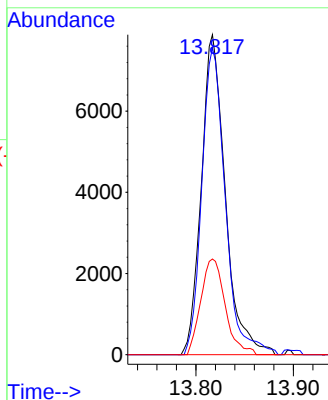
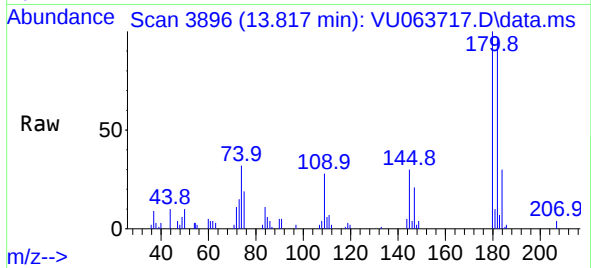




#93
1,2,4-Trichlorobenzene
Concen: 4.545 ug/l
RT: 13.817 min Scan# 3895
Delta R.T. 0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

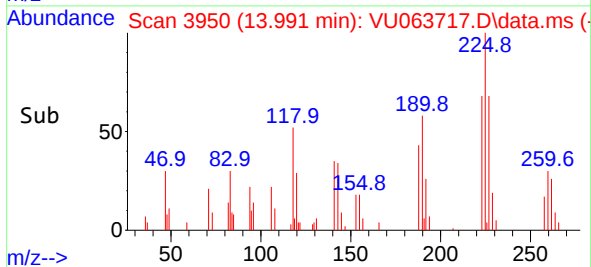
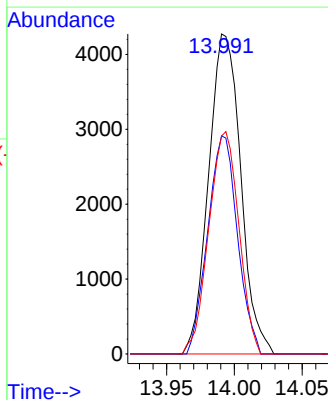
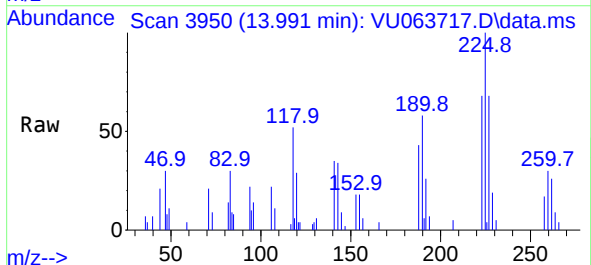
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

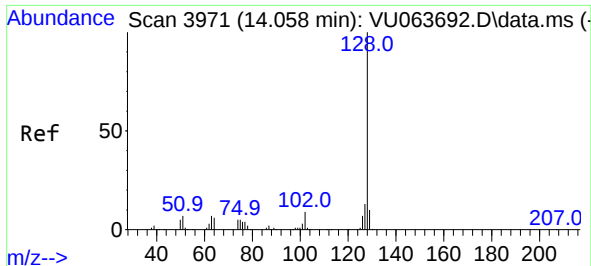
Tgt Ion:	180	Resp:	13459
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.6	142.9
145	30.5	15.9	47.6



#94
Hexachlorobutadiene
Concen: 4.710 ug/l
RT: 13.991 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion:	225	Resp:	7029
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.6	94.8
227	65.0	32.4	97.0



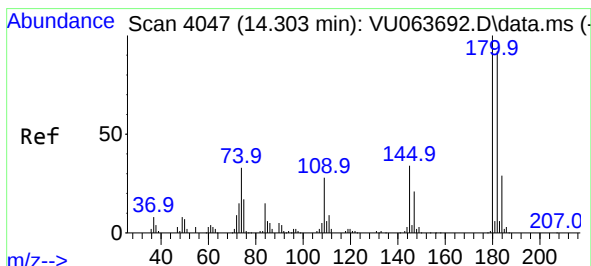
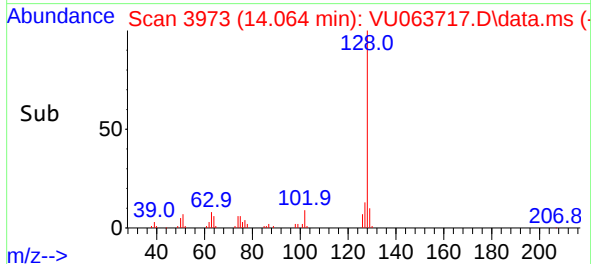
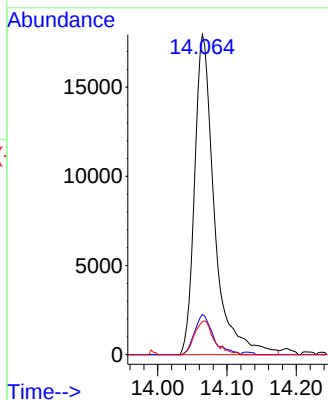
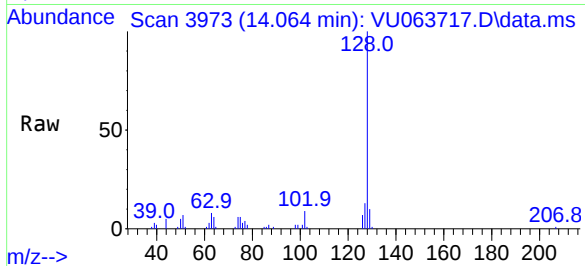


#95
Naphthalene
Concen: 4.453 ug/l
RT: 14.064 min Scan# 3971
Delta R.T. 0.006 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

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

Tgt Ion:128 Resp: 35723

Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.9	14.9
129	10.4	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 4.854 ug/l
RT: 14.302 min Scan# 4047
Delta R.T. -0.000 min
Lab File: VU063717.D
Acq: 12 Nov 2025 14:05

Tgt Ion:180 Resp: 13364

Ion	Ratio	Lower	Upper
180	100		
182	89.7	47.3	142.0
145	31.0	16.6	49.7

