

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111225\
 Data File : VU063716.D
 Acq On : 12 Nov 2025 13:41
 Operator : MD/SY
 Sample : Q3530-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 14 05:02:17 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	5.345	168	192306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	317755	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	295400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	154999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.673	65	138303	48.684	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.360%
35) Dibromofluoromethane	5.258	113	105409	47.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.720%
50) Toluene-d8	7.872	98	371063	46.410	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.820%
62) 4-Bromofluorobenzene	10.608	95	156340	47.270	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.374	85	1348	1.161	ug/l	95
3) Chloromethane	1.509	50	1689	1.251	ug/l	95
4) Vinyl Chloride	1.589	62	1980	1.386	ug/l	97
5) Bromomethane	1.837	94	1692	1.687	ug/l	93
6) Chloroethane	1.914	64	1499	1.388	ug/l	89
7) Trichlorofluoromethane	2.120	101	3061	1.120	ug/l	90
8) Diethyl Ether	2.358	74	1264	1.088	ug/l	61
9) 1,1,2-Trichlorotrifluo...	2.554	101	1801	1.037	ug/l	87
10) Methyl Iodide	2.695	142	1850	1.069	ug/l #	42
11) Tert butyl alcohol	3.161	59	4115	6.209	ug/l #	84
12) 1,1-Dichloroethene	2.557	96	1874	1.253	ug/l #	91
13) Acrolein	2.460	56	185	3.491	ug/l #	1
14) Allyl chloride	2.901	41	3276	1.175	ug/l	99
15) Acrylonitrile	3.316	53	6396	4.712	ug/l #	80
16) Acetone	2.605	43	13147	7.076	ug/l	91
17) Carbon Disulfide	2.766	76	2747	1.249	ug/l #	91
18) Methyl Acetate	2.940	43	873	0.198	ug/l #	69
19) Methyl tert-butyl Ether	3.338	73	6880	1.020	ug/l	100
20) Methylene Chloride	3.023	84	3022	1.427	ug/l	93
21) trans-1,2-Dichloroethene	3.332	96	2134	1.390	ug/l #	67
22) Diisopropyl ether	3.959	45	6253	1.018	ug/l #	2
23) Vinyl Acetate	3.962	43	18361	4.383	ug/l #	94
24) 1,1-Dichloroethane	3.837	63	1807	0.510	ug/l #	81
25) 2-Butanone	4.724	43	9720	4.969	ug/l	98
26) 2,2-Dichloropropane	4.634	77	2787	0.916	ug/l	81
27) cis-1,2-Dichloroethene	4.640	96	2637	1.176	ug/l	95
28) Bromochloromethane	4.952	49	1201	0.847	ug/l #	70
29) Tetrahydrofuran	5.046	42	4754	4.177	ug/l #	75
30) Chloroform	5.062	83	4149	1.069	ug/l	89
31) Cyclohexane	5.348	56	7302	2.919	ug/l #	49
32) 1,1,1-Trichloroethane	5.287	97	3198	1.004	ug/l #	53
36) 1,1-Dichloropropene	5.505	75	3191	1.409	ug/l #	83
37) Ethyl Acetate	4.817	43	322	0.100	ug/l #	69
38) Carbon Tetrachloride	5.499	117	2502	1.022	ug/l	90
39) Methylcyclohexane	6.730	83	2859	1.112	ug/l #	89
40) Benzene	5.756	78	8557	1.171	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111225\
 Data File : VU063716.D
 Acq On : 12 Nov 2025 13:41
 Operator : MD/SY
 Sample : Q3530-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 14 05:02:17 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)
41) Methacrylonitrile	4.978	41	612	0.367	ug/l #	71
42) 1,2-Dichloroethane	5.775	62	3501	1.214	ug/l	92
43) Isopropyl Acetate	5.904	43	3943	0.839	ug/l #	79
44) Trichloroethene	6.518	130	2550	1.243	ug/l	95
45) 1,2-Dichloropropane	6.766	63	2281	1.148	ug/l #	85
46) Dibromomethane	6.894	93	1598	1.071	ug/l #	75
47) Bromodichloromethane	7.078	83	2757	0.911	ug/l	89
48) Methyl methacrylate	6.952	41	2379	1.031	ug/l #	80
49) 1,4-Dioxane	6.959	88	928	15.179	ug/l #	69
51) 4-Methyl-2-Pentanone	7.772	43	16693	4.640	ug/l	98
52) Toluene	7.952	92	5786	1.220	ug/l	99
53) t-1,3-Dichloropropene	8.193	75	2302	0.904	ug/l #	84
54) cis-1,3-Dichloropropene	7.586	75	2942	1.030	ug/l #	87
55) 1,1,2-Trichloroethane	8.377	97	2493	1.145	ug/l	96
56) Ethyl methacrylate	8.325	69	2234	0.695	ug/l #	64
57) 1,3-Dichloropropane	8.553	76	3833	1.079	ug/l	95
59) 2-Hexanone	8.676	43	12663	4.726	ug/l	100
60) Dibromochloromethane	8.785	129	1880	0.825	ug/l	87
61) 1,2-Dibromoethane	8.904	107	2332	1.112	ug/l	93
64) Tetrachloroethene	8.531	164	2266	1.189	ug/l	94
65) Chlorobenzene	9.422	112	7545	1.307	ug/l	93
66) 1,1,1,2-Tetrachloroethane	9.508	131	1904	0.970	ug/l #	64
67) Ethyl Benzene	9.550	91	10951	1.139	ug/l	95
68) m/p-Xylenes	9.676	106	8169	2.302	ug/l	90
69) o-Xylene	10.078	106	3899	1.065	ug/l	90
70) Styrene	10.103	104	6280	1.068	ug/l	94
71) Bromoform	10.267	173	1470	0.930	ug/l #	93
73) Isopropylbenzene	10.460	105	10556	1.084	ug/l	98
74) N-amyl acetate	10.325	43	3440	1.014	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	10.756	83	4071	1.089	ug/l #	98
76) 1,2,3-Trichloropropane	10.801	75	4595	1.176	ug/l #	100
77) Bromobenzene	10.762	156	3179	1.298	ug/l	98
78) n-propylbenzene	10.885	91	14494	1.297	ug/l	94
79) 2-Chlorotoluene	10.968	91	8281	1.147	ug/l	99
80) 1,3,5-Trimethylbenzene	11.065	105	8399	1.029	ug/l	87
81) trans-1,4-Dichloro-2-b...	10.608	75	84669	115.478	ug/l #	7
82) 4-Chlorotoluene	11.081	91	10543	1.285	ug/l	96
83) tert-Butylbenzene	11.396	119	9225	1.085	ug/l	97
84) 1,2,4-Trimethylbenzene	11.450	105	8665	1.081	ug/l	95
85) sec-Butylbenzene	11.621	105	12652	1.178	ug/l	100
86) p-Isopropyltoluene	11.769	119	9966	1.155	ug/l	93
87) 1,3-Dichlorobenzene	11.727	146	6684	1.452	ug/l	97
88) 1,4-Dichlorobenzene	11.727	146	6684	1.388	ug/l	96
89) n-Butylbenzene	12.190	91	9966	1.258	ug/l	97
90) Hexachloroethane	12.450	117	1057	0.803	ug/l	94
91) 1,2-Dichlorobenzene	12.193	146	5771	1.256	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.978	75	549	0.716	ug/l	88
93) 1,2,4-Trichlorobenzene	13.827	180	4064	1.387	ug/l	95
94) Hexachlorobutadiene	13.994	225	1944	1.317	ug/l	94
95) Naphthalene	14.071	128	14751	1.858	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.309	180	3944	1.448	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111225\
Data File : VU063716.D
Acq On : 12 Nov 2025 13:41
Operator : MD/SY
Sample : Q3530-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

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

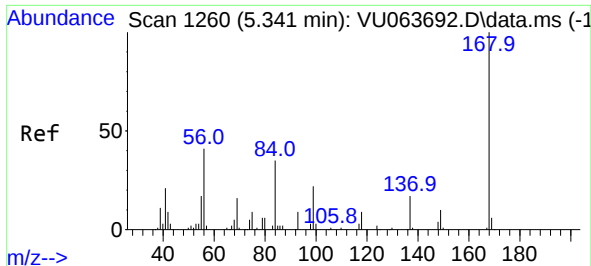
Quant Time: Nov 14 05:02:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 14 04:59:23 2025
Response via : Initial Calibration

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

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

Quant Time: Nov 14 05:02:17 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

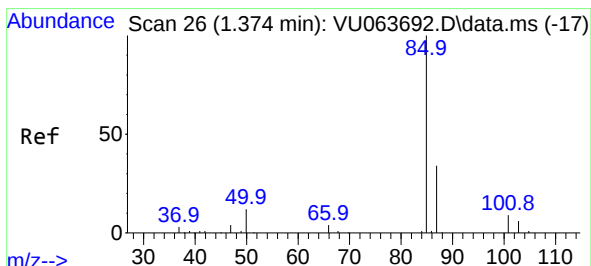
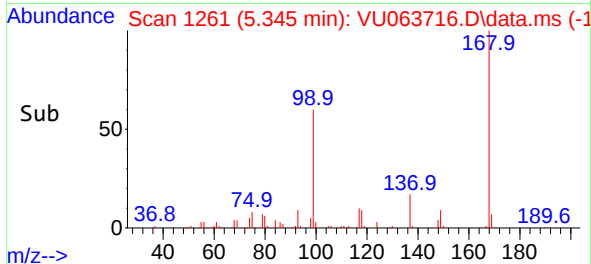
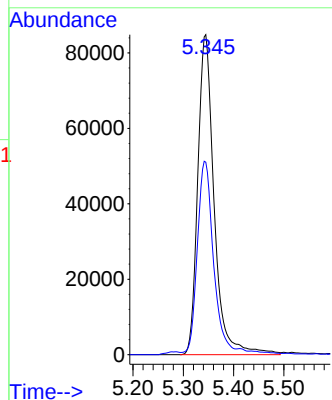
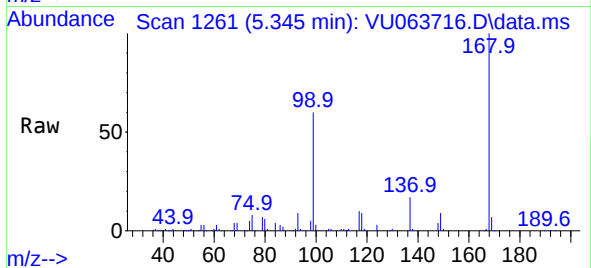




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.345 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

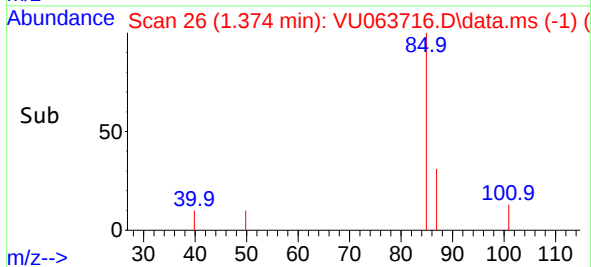
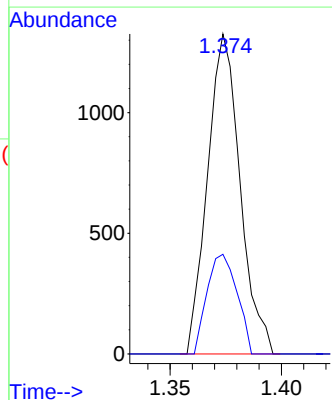
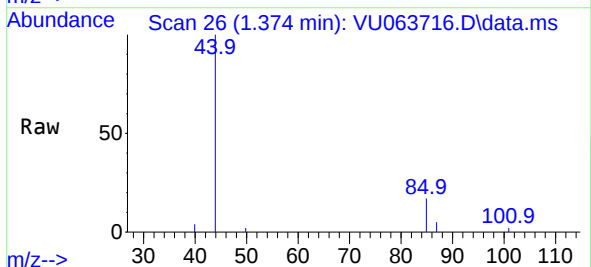
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

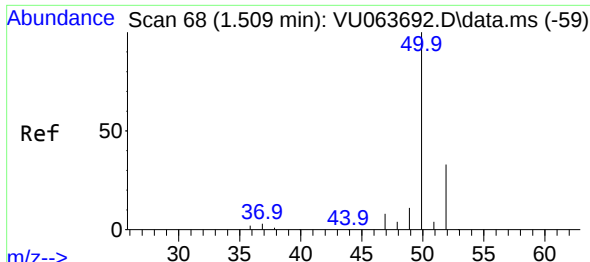
Tgt Ion:168 Resp: 192306
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 1.161 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 85 Resp: 1348
Ion Ratio Lower Upper
85 100
87 31.1 17.0 51.0

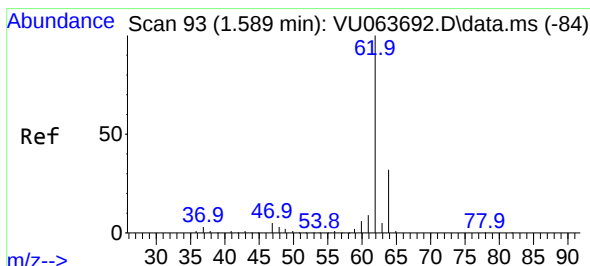
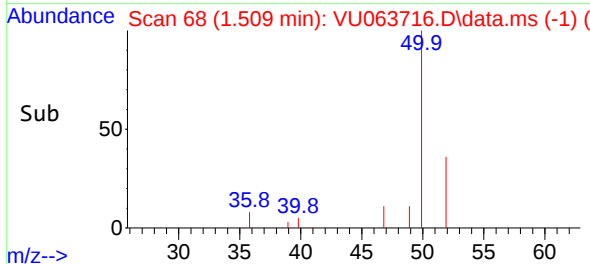
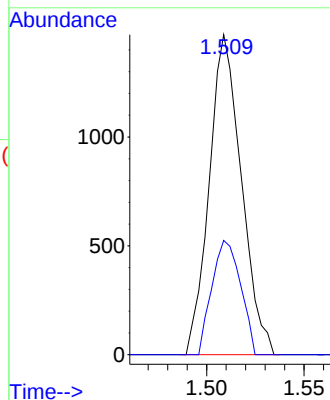
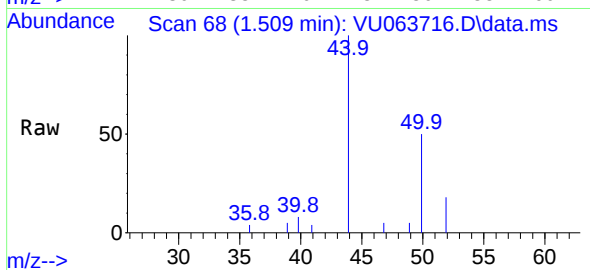




#3
Chloromethane
Concen: 1.251 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

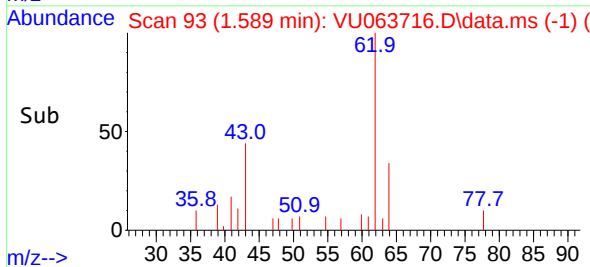
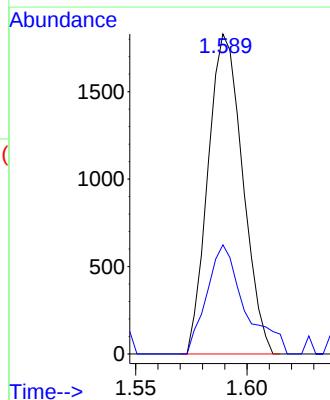
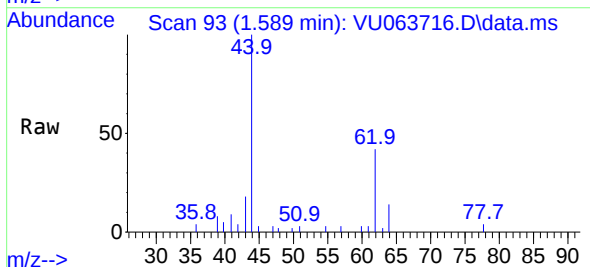
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

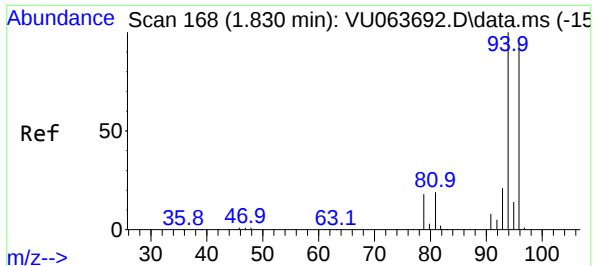
Tgt Ion: 50 Resp: 1689
Ion Ratio Lower Upper
50 100
52 35.7 26.3 39.5



#4
Vinyl Chloride
Concen: 1.386 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 62 Resp: 1980
Ion Ratio Lower Upper
62 100
64 34.1 25.9 38.9

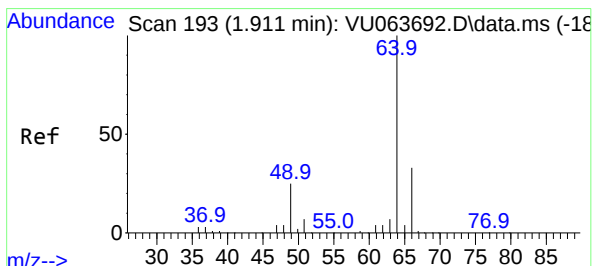
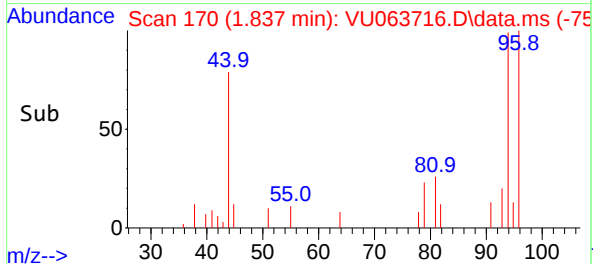
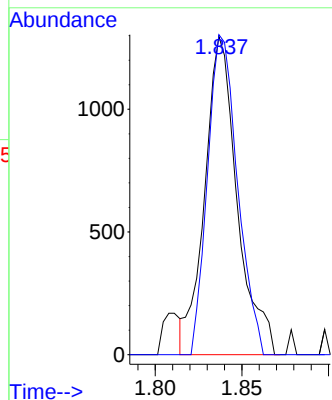
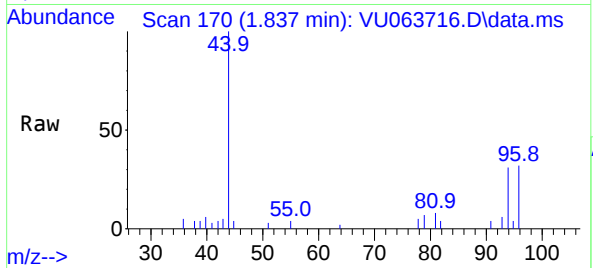




#5
Bromomethane
Concen: 1.687 ug/l
RT: 1.837 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

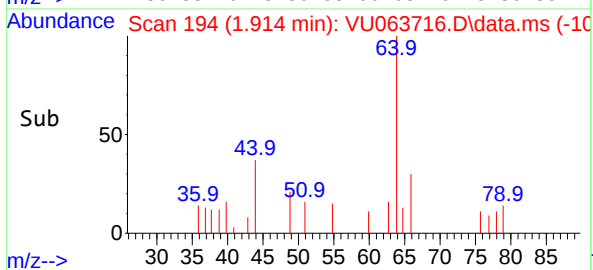
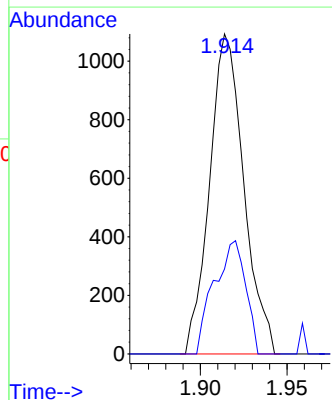
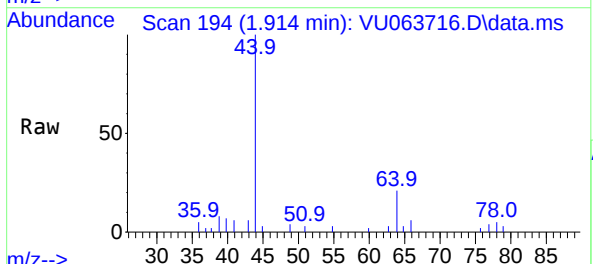
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

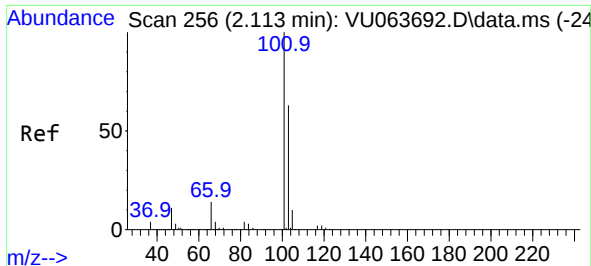
Tgt Ion: 94 Resp: 1692
Ion Ratio Lower Upper
94 100
96 100.6 74.8 112.2



#6
Chloroethane
Concen: 1.388 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 64 Resp: 1499
Ion Ratio Lower Upper
64 100
66 26.5 26.4 39.6

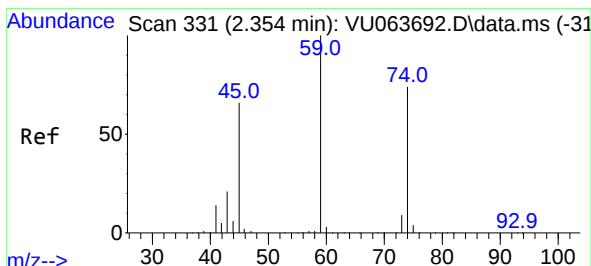
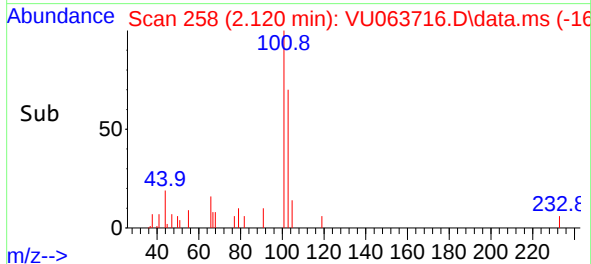
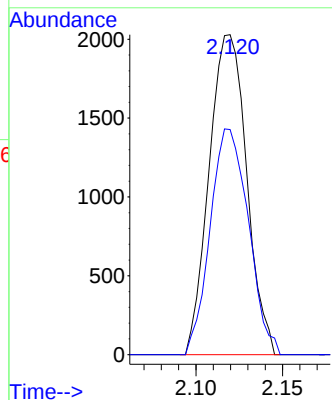
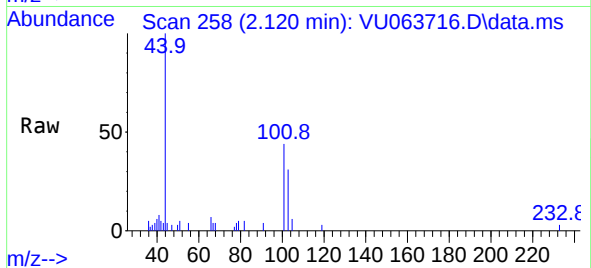




#7
Trichlorofluoromethane
Concen: 1.120 ug/l
RT: 2.120 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

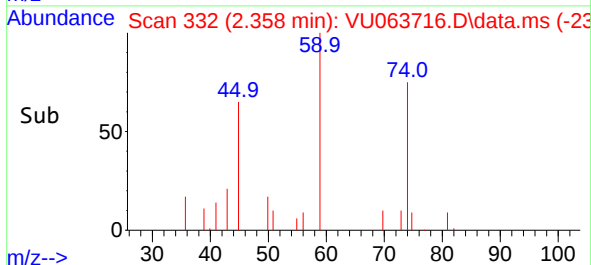
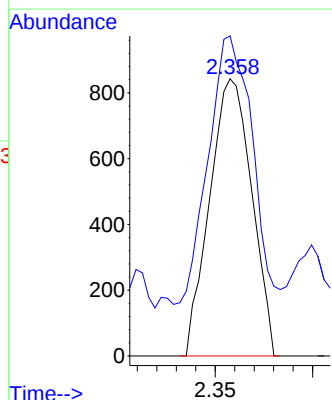
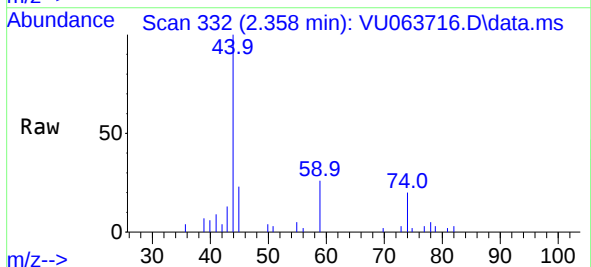
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

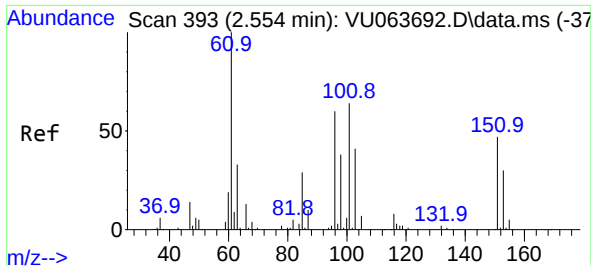
Tgt Ion:101 Resp: 3061
Ion Ratio Lower Upper
101 100
103 70.3 50.3 75.5



#8
Diethyl Ether
Concen: 1.088 ug/l
RT: 2.358 min Scan# 332
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 74 Resp: 1264
Ion Ratio Lower Upper
74 100
45 125.0 44.1 132.4

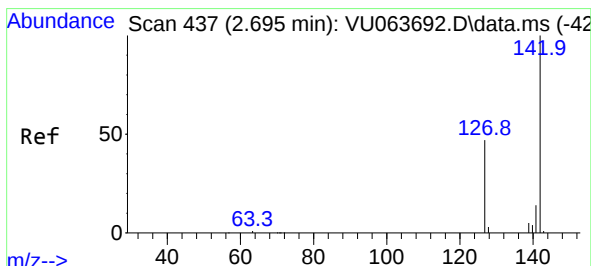
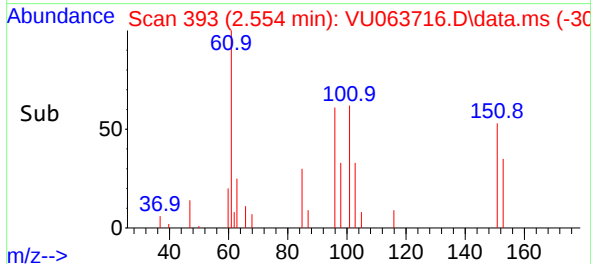
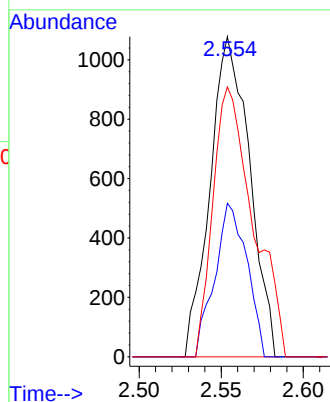
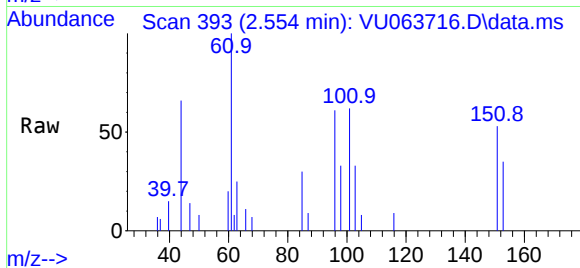




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.037 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

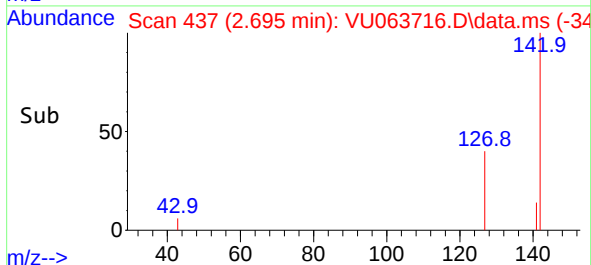
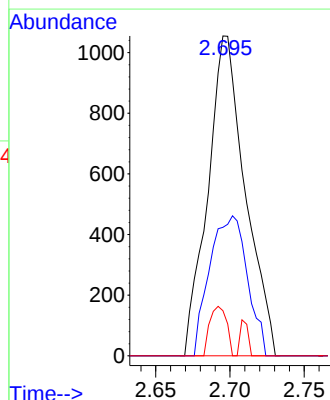
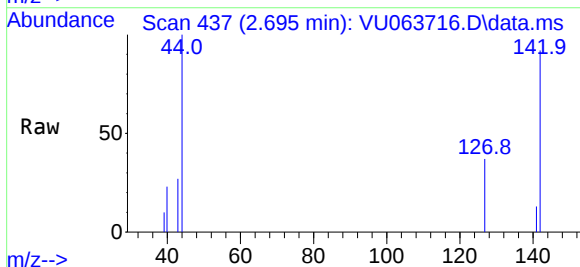
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

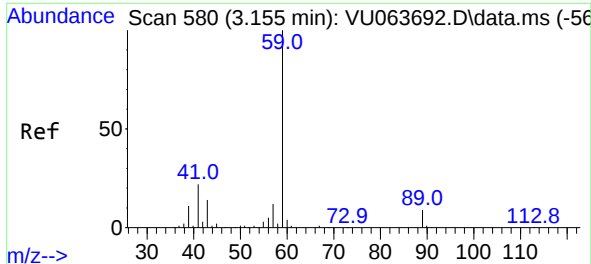
Tgt Ion:	101	Resp:	1801
Ion	Ratio	Lower	Upper
101	100		
85	39.0	36.2	54.4
151	85.4	58.5	87.7



#10
Methyl Iodide
Concen: 1.069 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:	142	Resp:	1850
Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.2	55.8#
141	6.9	11.4	17.0#





#11

Tert butyl alcohol

Concen: 6.209 ug/l

RT: 3.161 min Scan# 580

Delta R.T. 0.006 min

Lab File: VU063716.D

Acq: 12 Nov 2025 13:41

Instrument :

MSVOA_U

ClientSampleId :

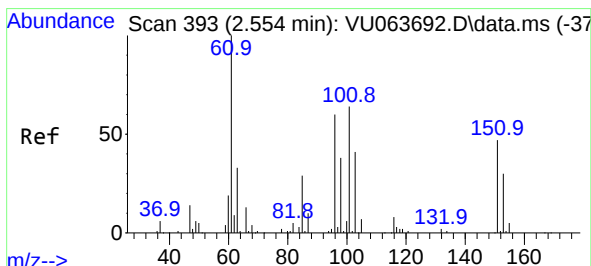
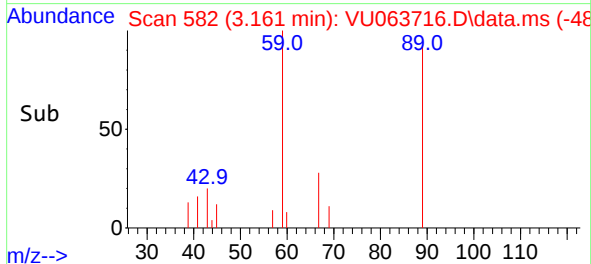
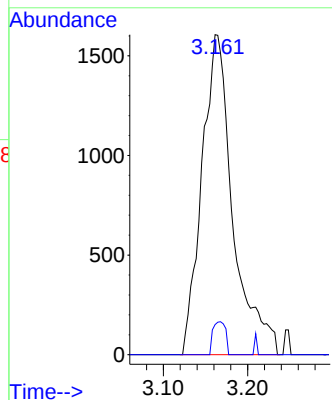
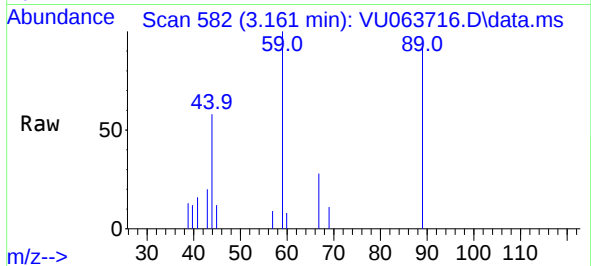
LOQ-WATER-02-QT4-2025

Tgt Ion: 59 Resp: 4115

Ion Ratio Lower Upper

59 100

57 4.2 8.2 12.2#



#12

1,1-Dichloroethene

Concen: 1.253 ug/l

RT: 2.557 min Scan# 394

Delta R.T. 0.003 min

Lab File: VU063716.D

Acq: 12 Nov 2025 13:41

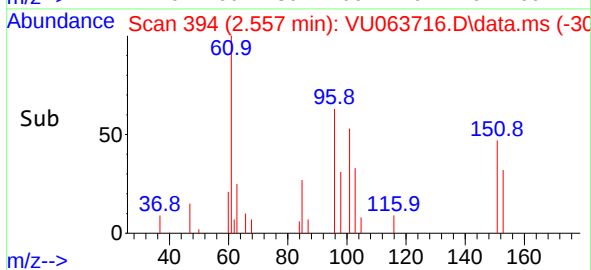
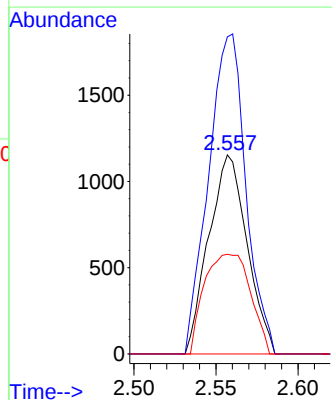
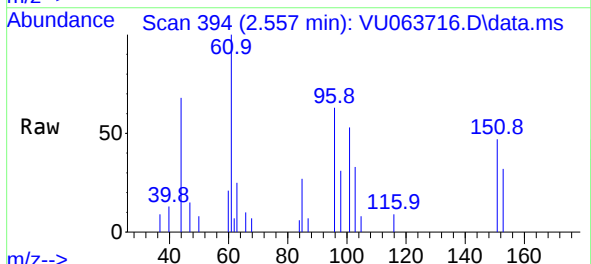
Tgt Ion: 96 Resp: 1874

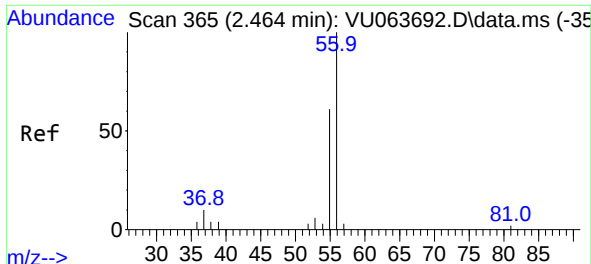
Ion Ratio Lower Upper

96 100

61 159.3 133.1 199.7

98 50.1 50.7 76.1#

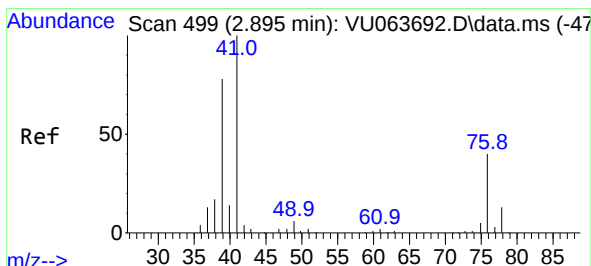
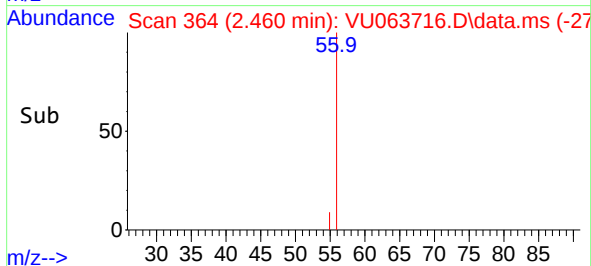
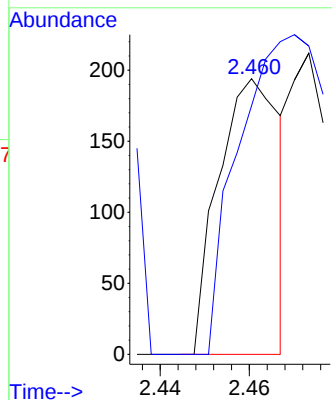
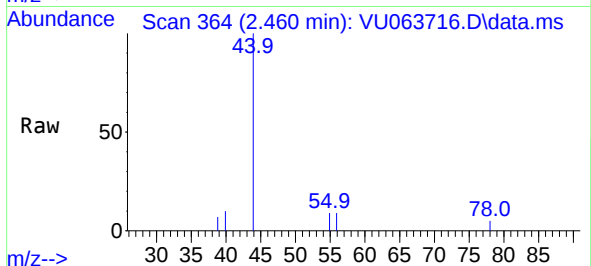




#13
Acrolein
Concen: 3.491 ug/l
RT: 2.460 min Scan# 301
Delta R.T. -0.004 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

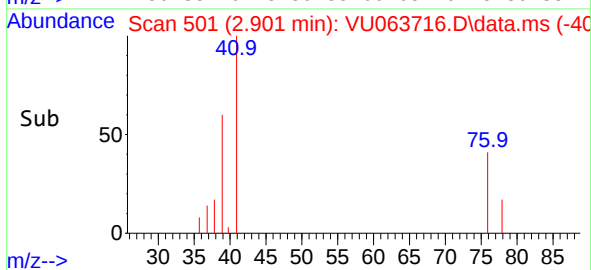
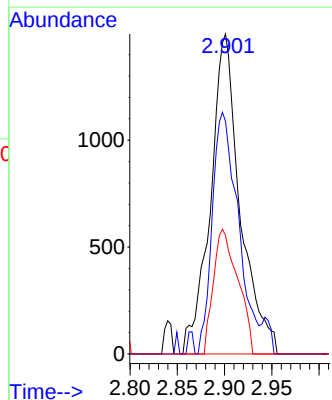
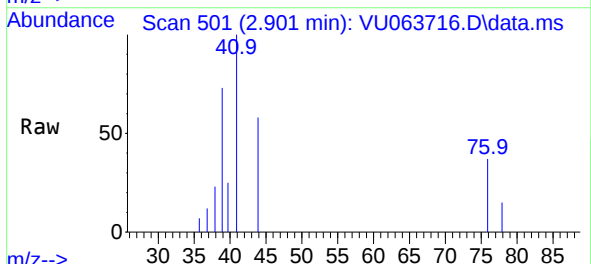
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

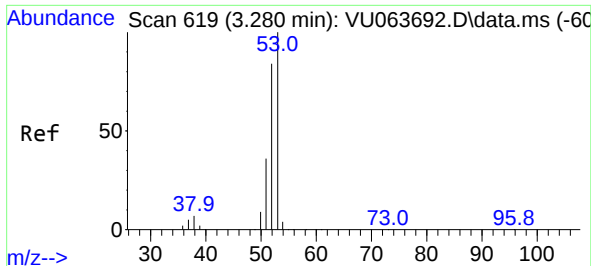
Tgt Ion: 56 Resp: 185
Ion Ratio Lower Upper
56 100
55 185.9 47.1 70.7#



#14
Allyl chloride
Concen: 1.175 ug/l
RT: 2.901 min Scan# 501
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 41 Resp: 3276
Ion Ratio Lower Upper
41 100
39 65.8 53.1 79.7
76 32.0 26.4 39.6

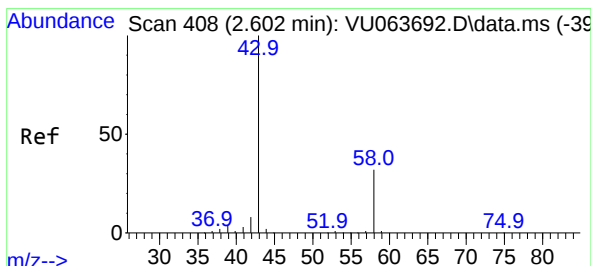
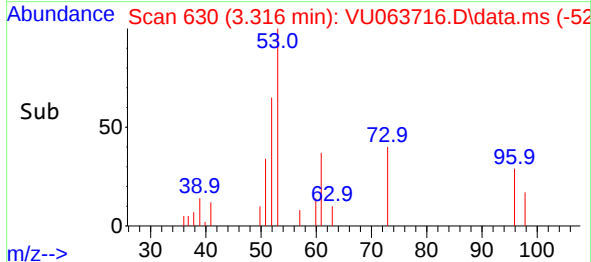
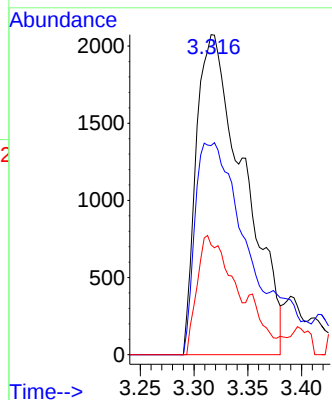
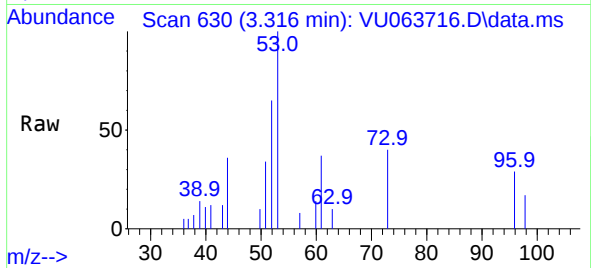




#15
Acrylonitrile
Concen: 4.712 ug/l
RT: 3.316 min Scan# 619
Delta R.T. 0.035 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

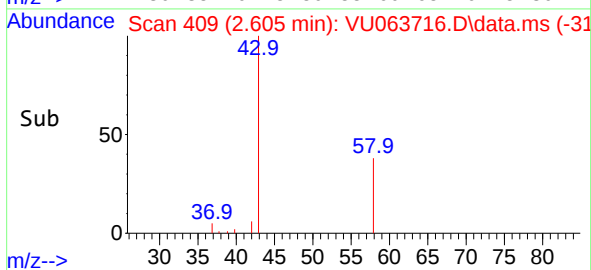
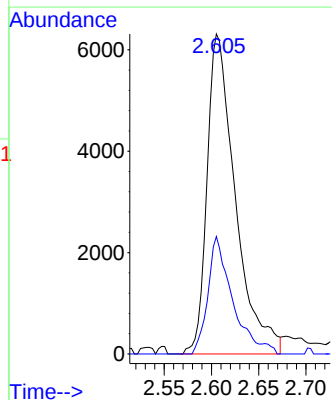
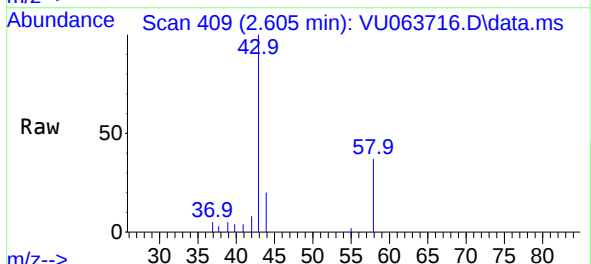
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

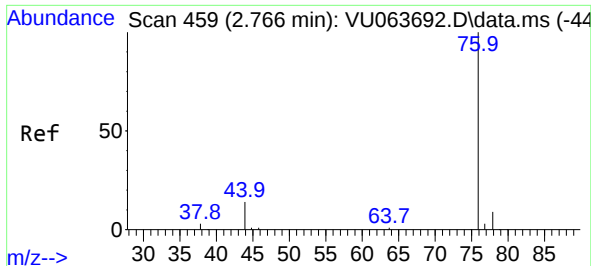
Tgt Ion: 53 Resp: 6396
Ion Ratio Lower Upper
53 100
52 65.1 67.5 101.3#
51 26.1 29.0 43.6#



#16
Acetone
Concen: 7.076 ug/l
RT: 2.605 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 43 Resp: 13147
Ion Ratio Lower Upper
43 100
58 36.7 25.4 38.2

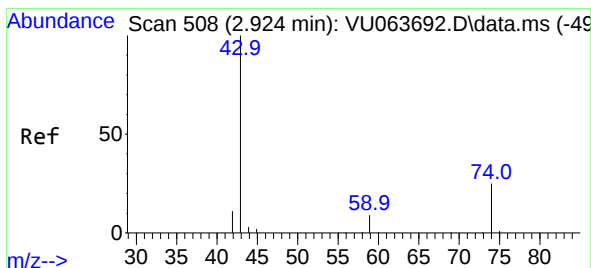
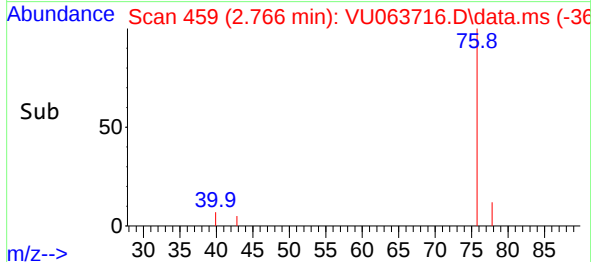
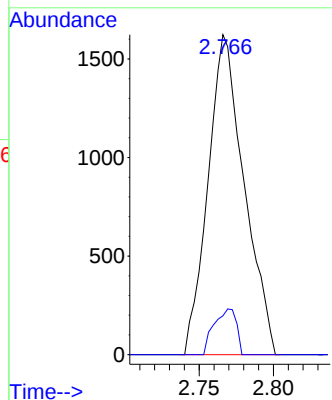
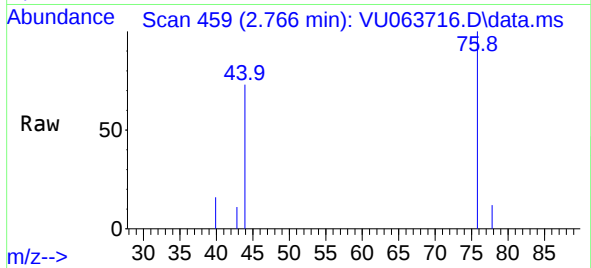




#17
Carbon Disulfide
Concen: 1.249 ug/l
RT: 2.766 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

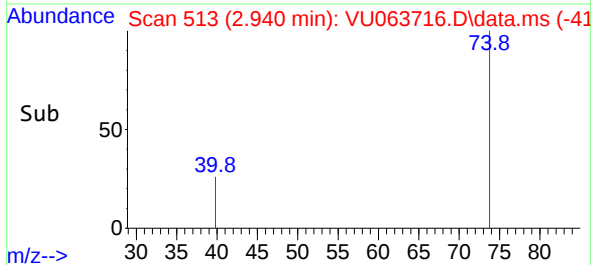
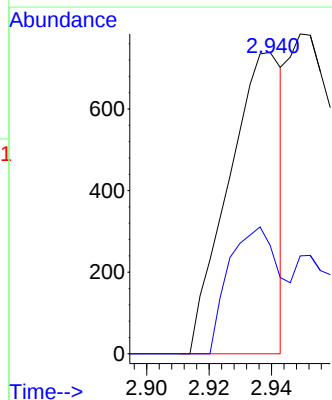
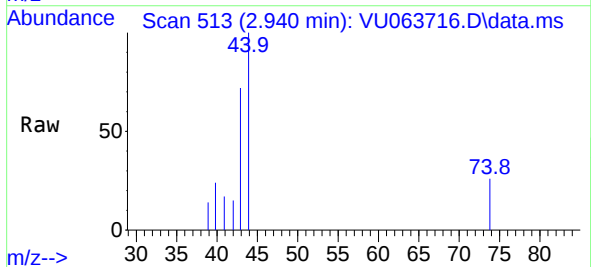
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

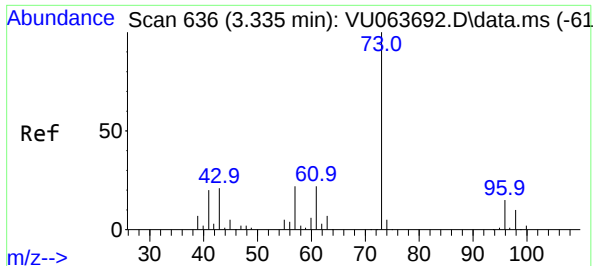
Tgt Ion: 76 Resp: 2747
Ion Ratio Lower Upper
76 100
78 12.1 7.0 10.6#



#18
Methyl Acetate
Concen: 0.198 ug/l
RT: 2.940 min Scan# 513
Delta R.T. 0.016 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 43 Resp: 873
Ion Ratio Lower Upper
43 100
74 41.4 20.6 31.0#

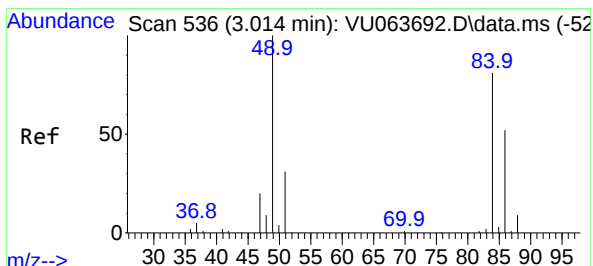
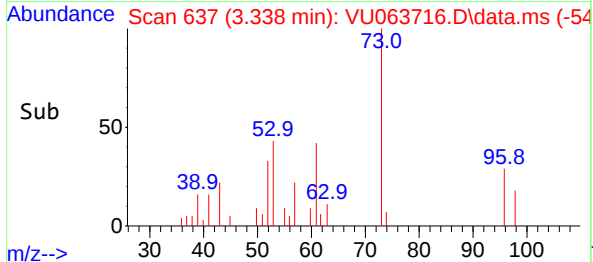
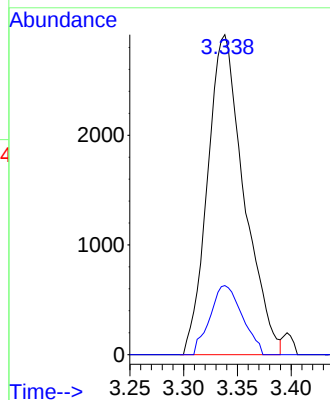
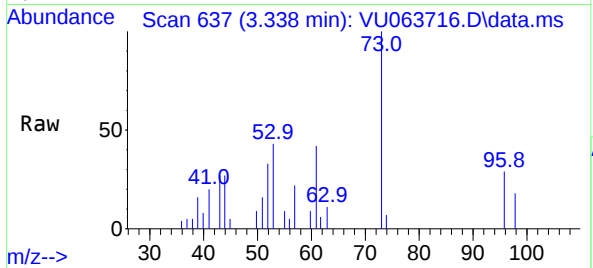




#19
Methyl tert-butyl Ether
Concen: 1.020 ug/l
RT: 3.338 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

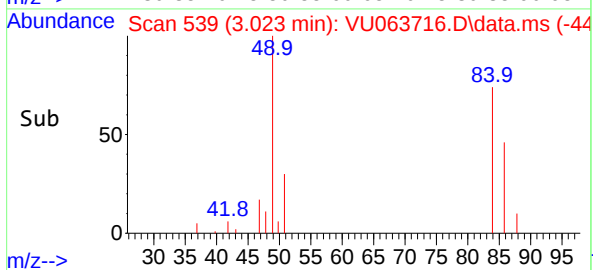
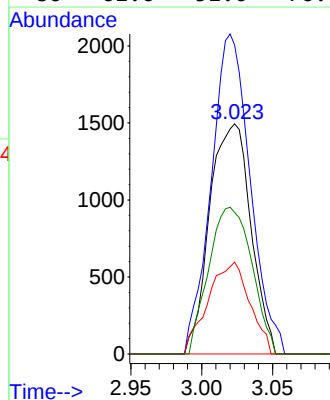
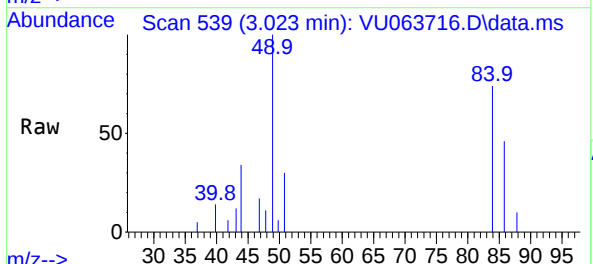
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

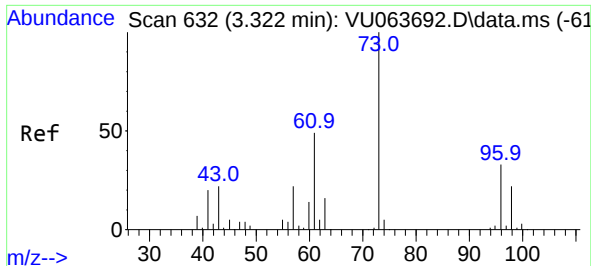
Tgt Ion: 73 Resp: 6880
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2



#20
Methylene Chloride
Concen: 1.427 ug/l
RT: 3.023 min Scan# 539
Delta R.T. 0.009 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 84 Resp: 3022
Ion Ratio Lower Upper
84 100
49 134.3 98.4 147.6
51 40.0 30.1 45.1
86 61.6 51.0 76.6

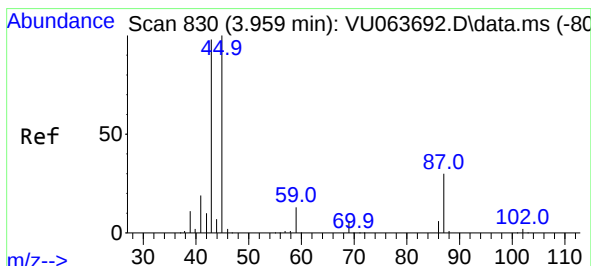
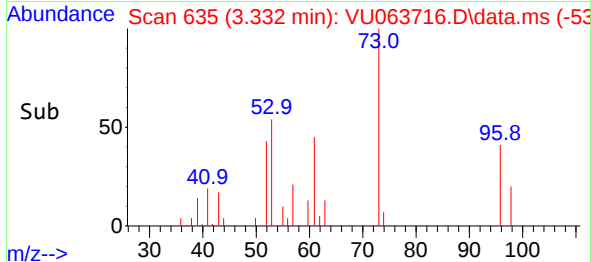
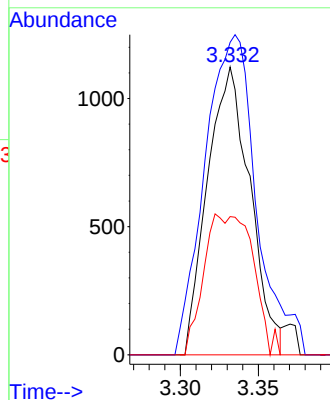
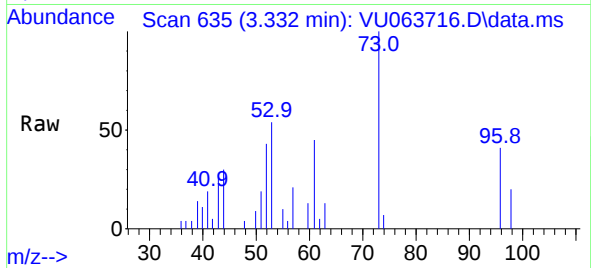




#21
trans-1,2-Dichloroethene
Concen: 1.390 ug/l
RT: 3.332 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

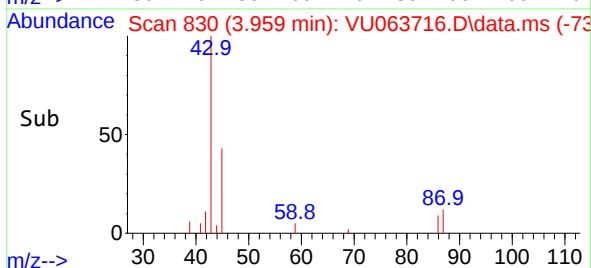
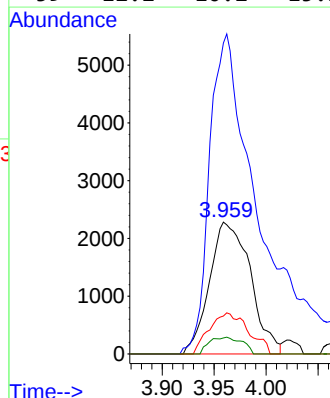
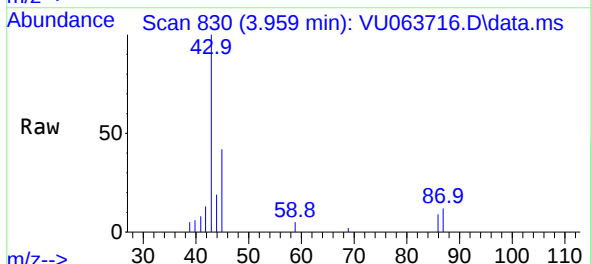
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

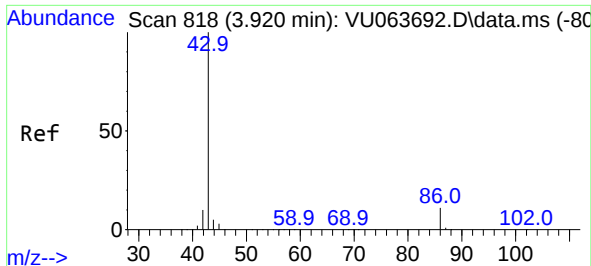
Tgt Ion: 96 Resp: 2134
Ion Ratio Lower Upper
96 100
61 99.6 117.5 176.3#
98 48.0 52.7 79.1#



#22
Diisopropyl ether
Concen: 1.018 ug/l
RT: 3.959 min Scan# 830
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 45 Resp: 6253
Ion Ratio Lower Upper
45 100
43 235.6 78.1 117.1#
87 28.8 23.8 35.8
59 12.2 10.2 15.2

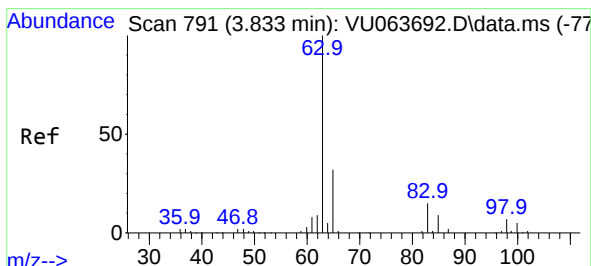
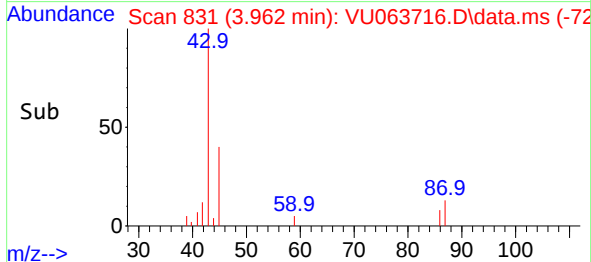
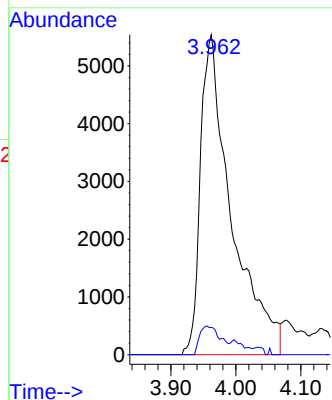
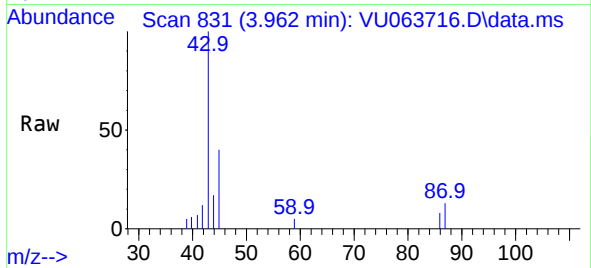




#23
 Vinyl Acetate
 Concen: 4.383 ug/l
 RT: 3.962 min Scan# 818
 Delta R.T. 0.042 min
 Lab File: VU063716.D
 Acq: 12 Nov 2025 13:41

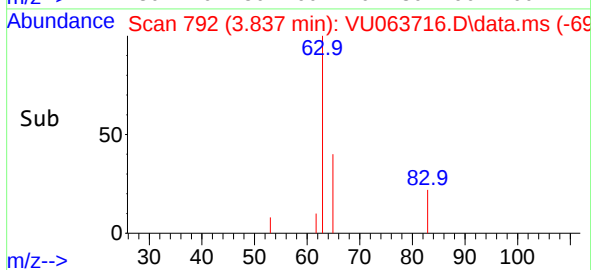
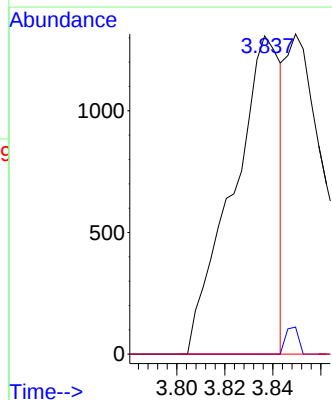
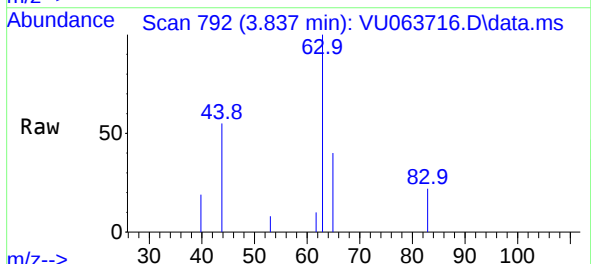
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

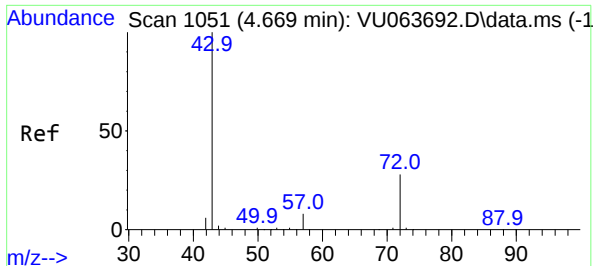
Tgt Ion: 43 Resp: 18361
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.7 13.1#



#24
 1,1-Dichloroethane
 Concen: 0.510 ug/l
 RT: 3.837 min Scan# 792
 Delta R.T. 0.003 min
 Lab File: VU063716.D
 Acq: 12 Nov 2025 13:41

Tgt Ion: 63 Resp: 1807
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.7 11.1#
 100 0.0 2.5 7.5#

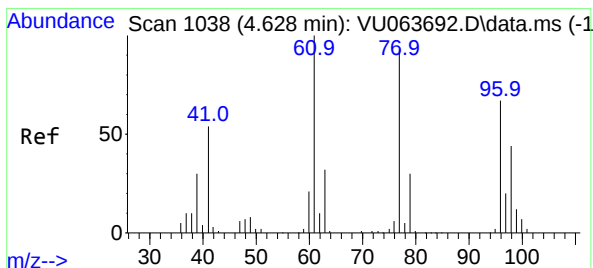
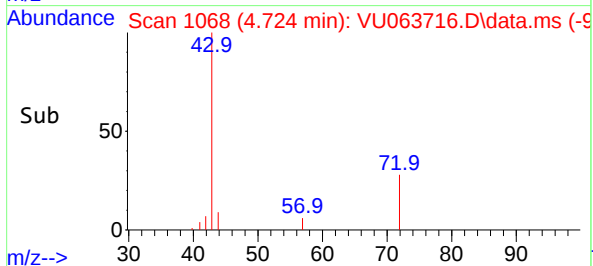
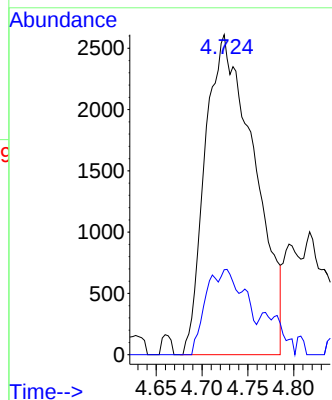
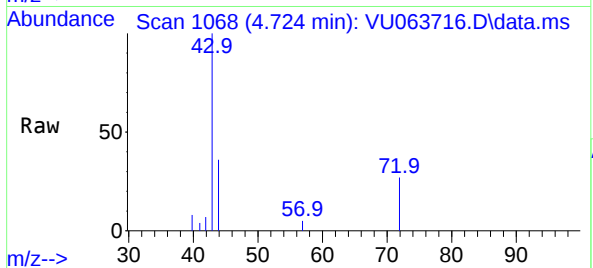




#25
2-Butanone
Concen: 4.969 ug/l
RT: 4.724 min Scan# 1068
Delta R.T. 0.055 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

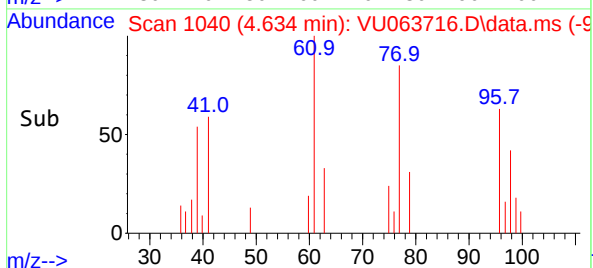
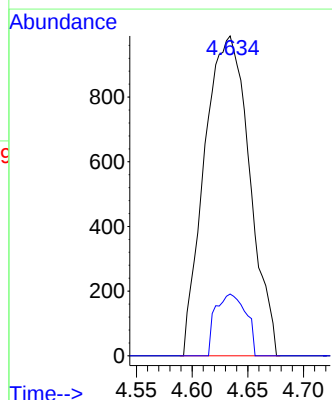
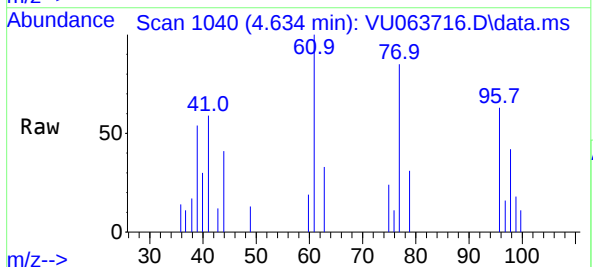
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

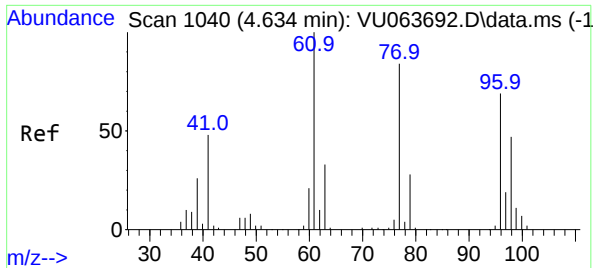
Tgt Ion: 43 Resp: 9720
Ion Ratio Lower Upper
43 100
72 26.5 22.0 33.0



#26
2,2-Dichloropropane
Concen: 0.916 ug/l
RT: 4.634 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 77 Resp: 2787
Ion Ratio Lower Upper
77 100
97 13.0 10.9 32.9

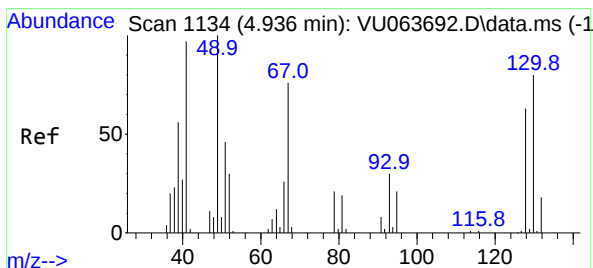
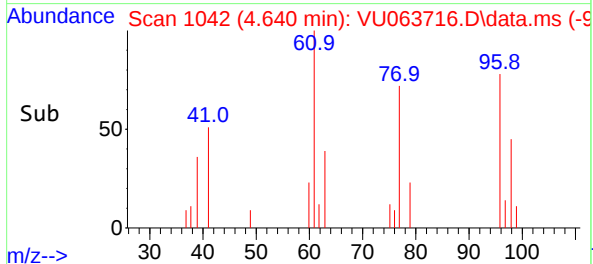
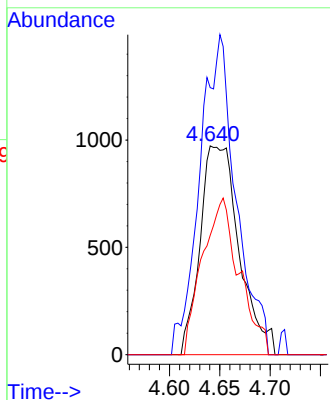
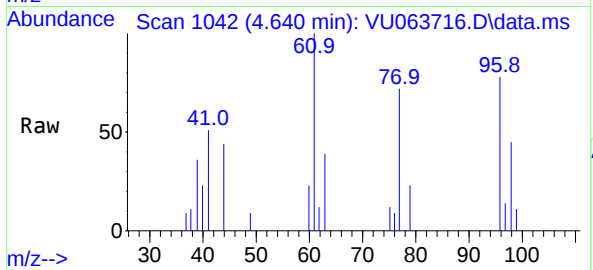




cis-1,2-Dichloroethene
Concen: 1.176 ug/l
RT: 4.640 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

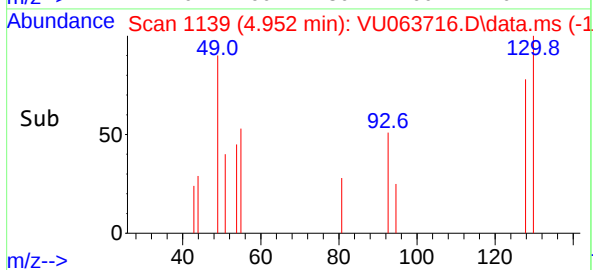
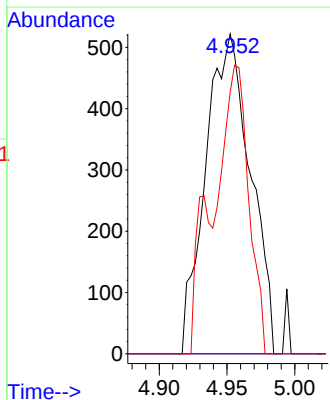
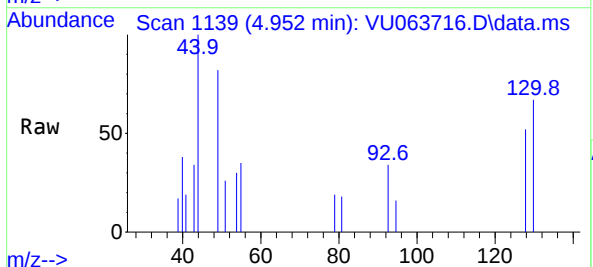
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

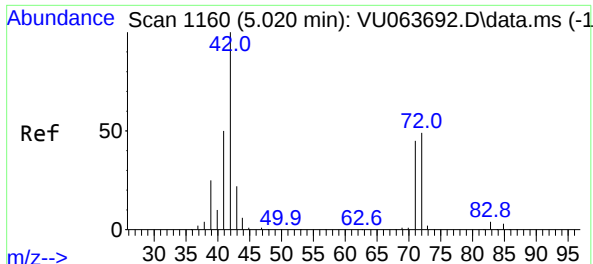
Tgt Ion: 96	Resp: 2637		
Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	295.4
98	70.7	0.0	131.8



Bromochloromethane
Concen: 0.847 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. 0.016 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 49	Resp: 1201
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.6
130 54.0	65.1 97.7#





#29

Tetrahydrofuran

Concen: 4.177 ug/l

RT: 5.046 min Scan# 1160

Delta R.T. 0.026 min

Lab File: VU063716.D

Acq: 12 Nov 2025 13:41

Instrument :

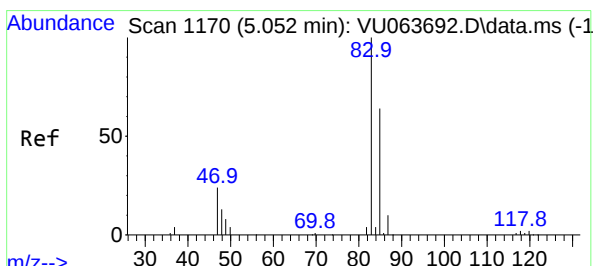
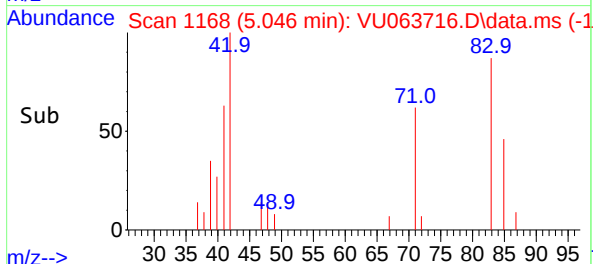
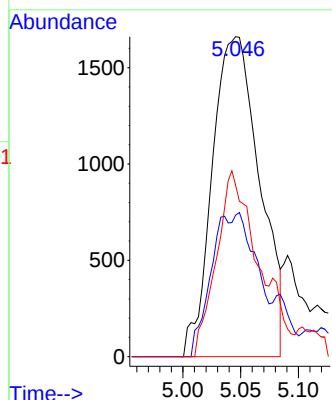
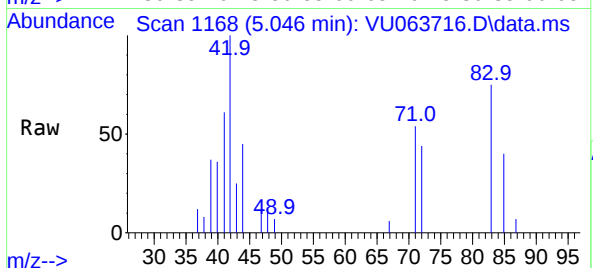
MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 42 Resp: 4754

Ion	Ratio	Lower	Upper
42	100		
72	18.1	40.0	60.0#
71	45.5	37.4	56.0



#30

Chloroform

Concen: 1.069 ug/l

RT: 5.062 min Scan# 1173

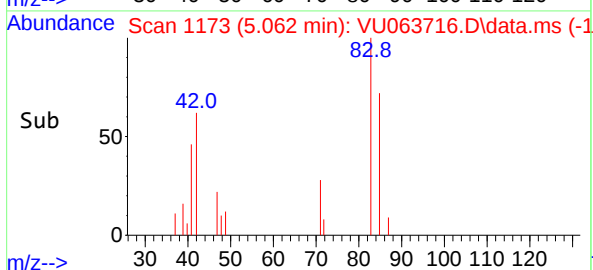
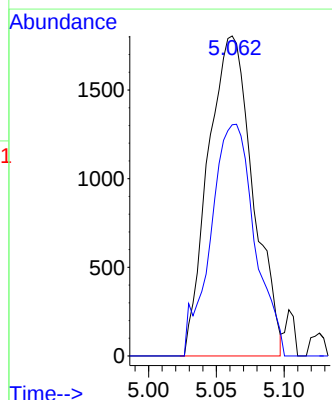
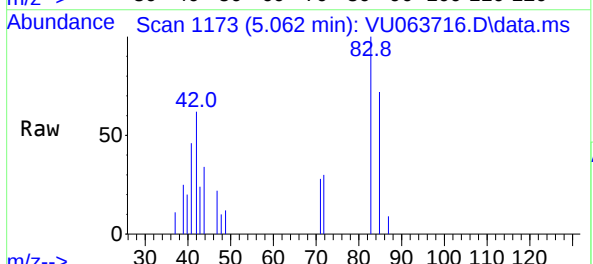
Delta R.T. 0.010 min

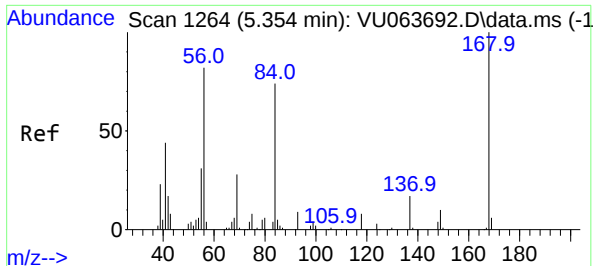
Lab File: VU063716.D

Acq: 12 Nov 2025 13:41

Tgt Ion: 83 Resp: 4149

Ion	Ratio	Lower	Upper
83	100		
85	72.2	51.0	76.6

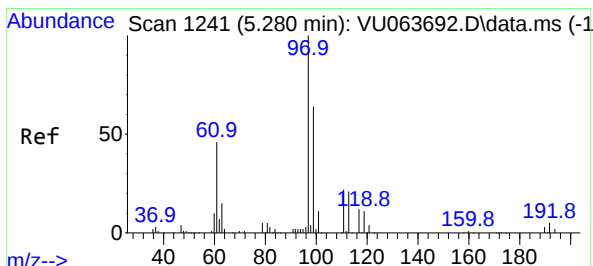
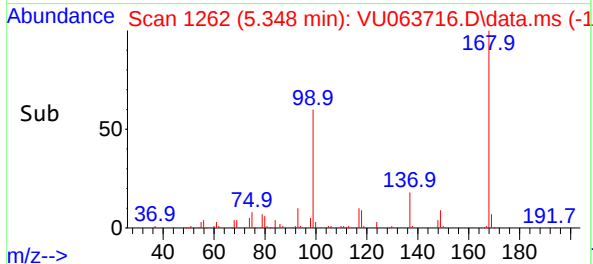
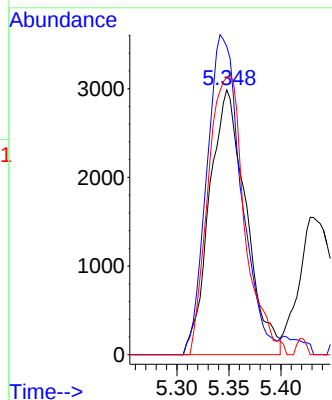
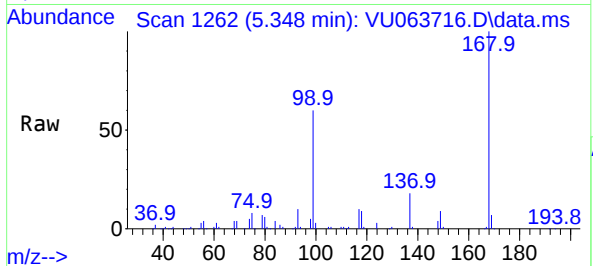




#31
Cyclohexane
Concen: 2.919 ug/l
RT: 5.348 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

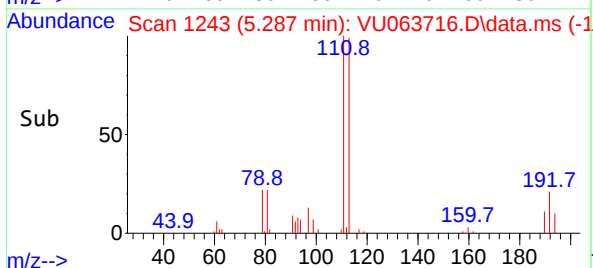
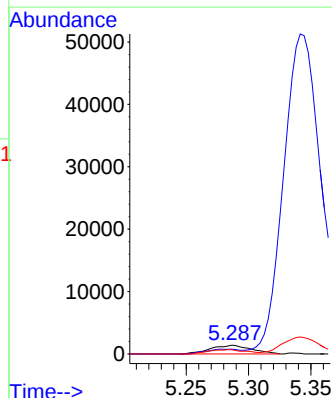
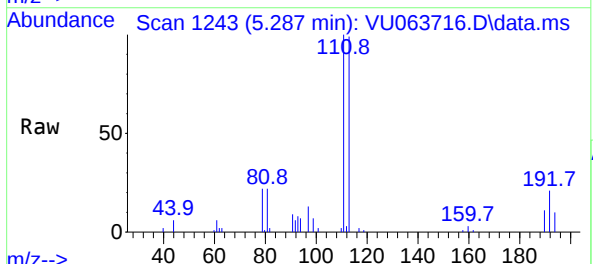
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

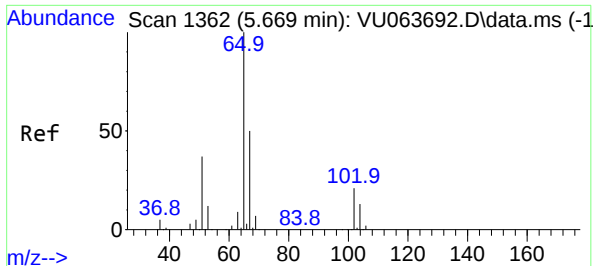
Tgt Ion: 56 Resp: 7302
Ion Ratio Lower Upper
56 100
69 116.3 27.0 40.6#
84 104.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 1.004 ug/l
RT: 5.287 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 97 Resp: 3198
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.8#
61 45.6 36.6 55.0

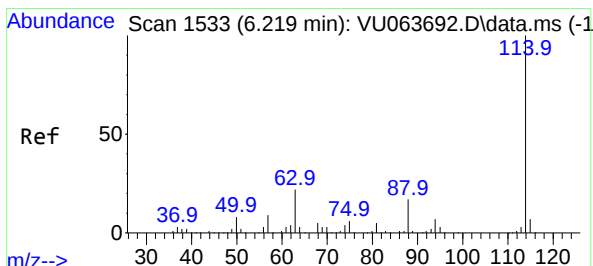
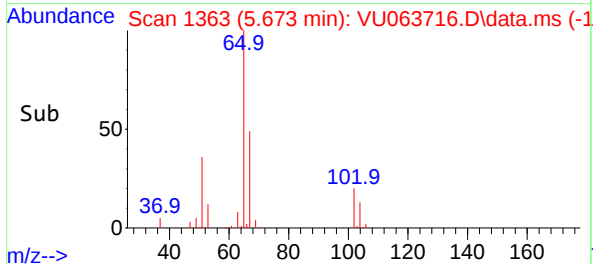
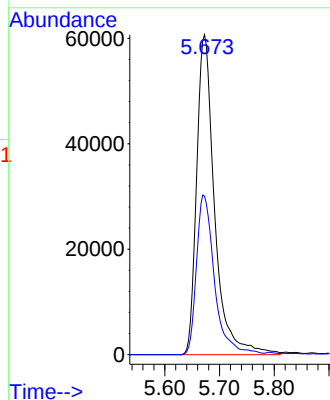
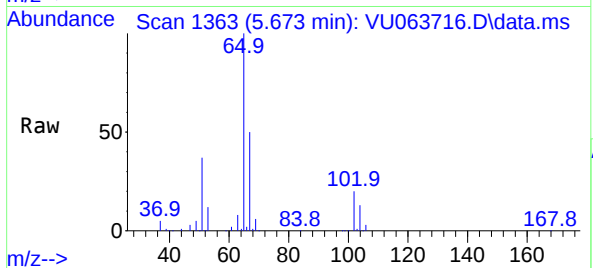




#33
1,2-Dichloroethane-d4
Concen: 48.684 ug/l
RT: 5.673 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

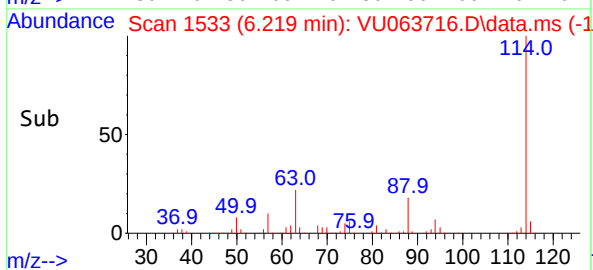
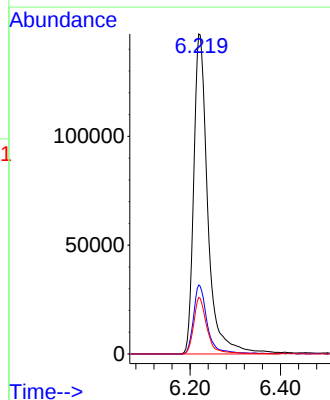
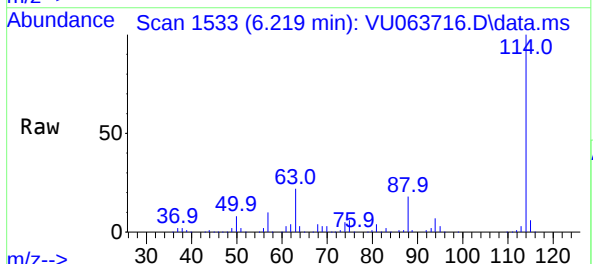
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

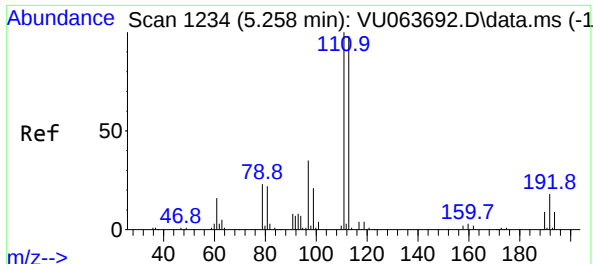
Tgt Ion: 65 Resp: 138303
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.219 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:114 Resp: 317755
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 17.7 0.0 33.6

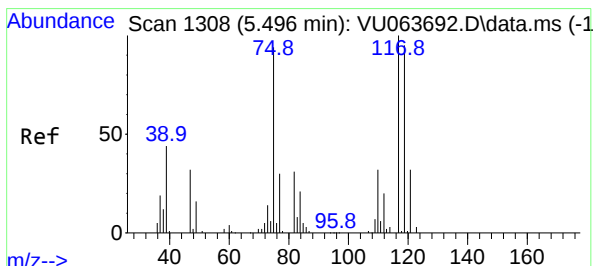
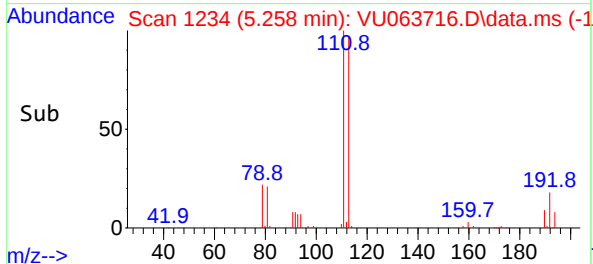
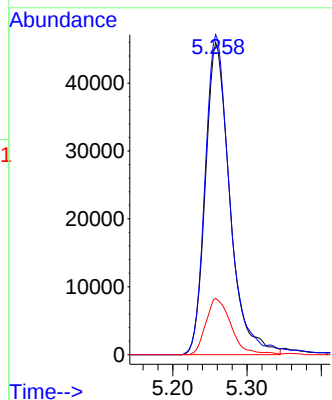
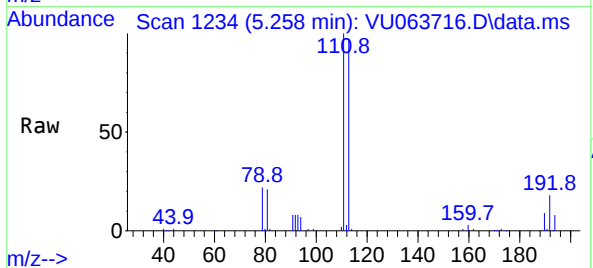




#35
Dibromofluoromethane
Concen: 47.363 ug/l
RT: 5.258 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

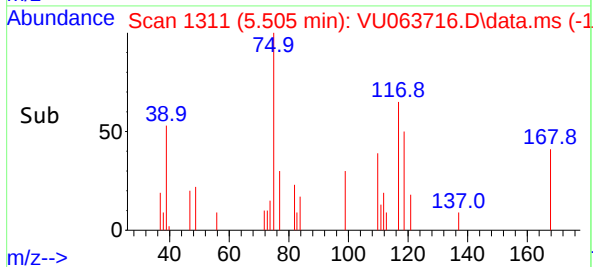
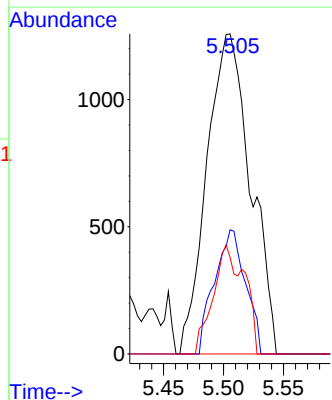
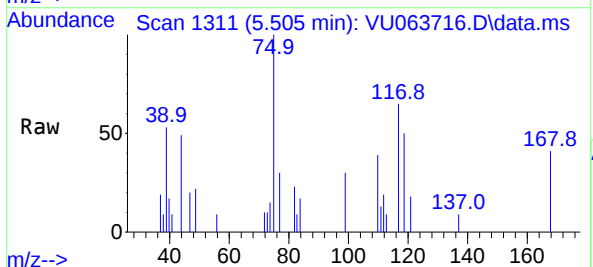
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

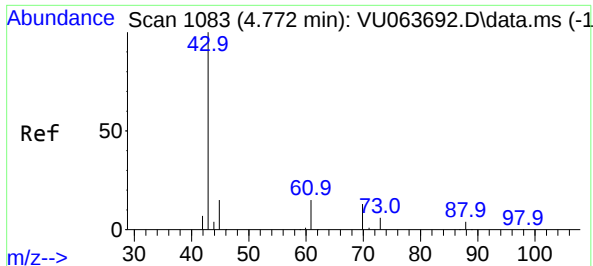
Tgt Ion:113 Resp: 105409
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 18.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 1.409 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.010 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 75 Resp: 3191
Ion Ratio Lower Upper
75 100
110 27.6 17.3 51.7
77 17.6 24.4 36.6#

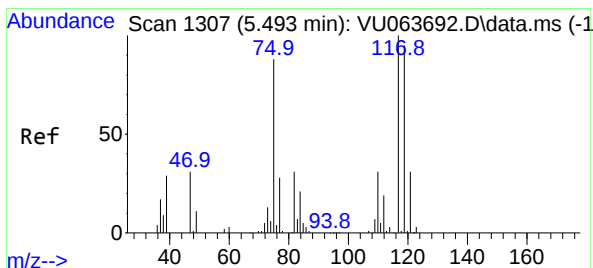
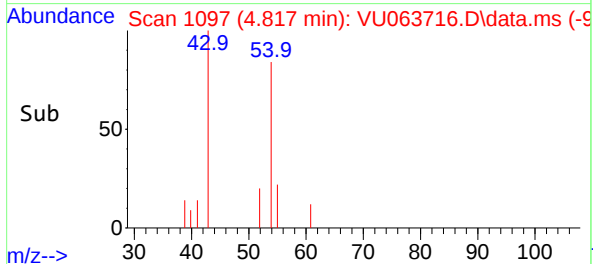
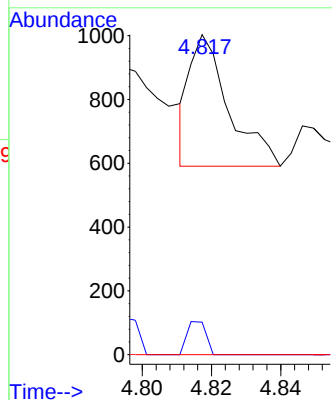
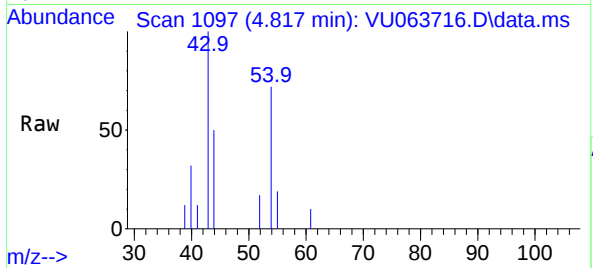




#37
Ethyl Acetate
Concen: 0.100 ug/l
RT: 4.817 min Scan# 1097
Delta R.T. 0.045 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

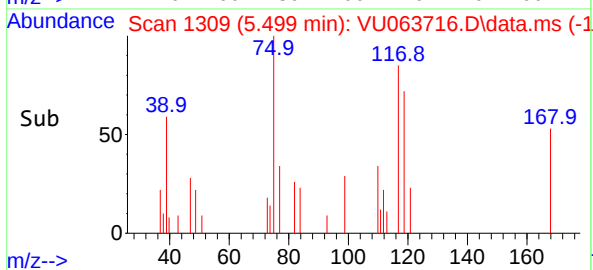
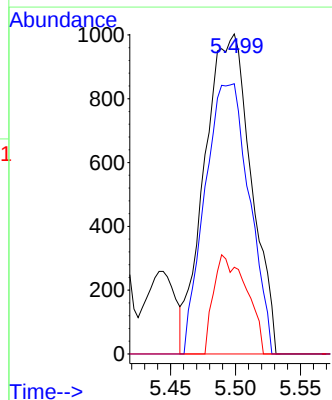
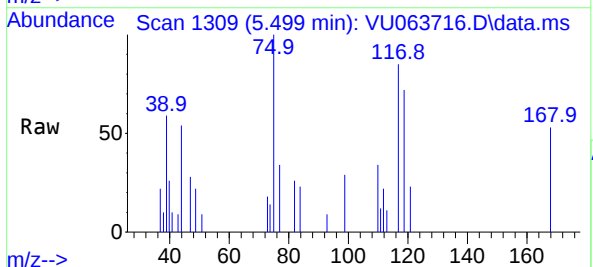
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

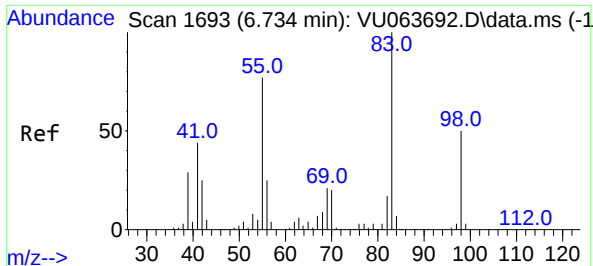
Tgt Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 1.022 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 117 Resp: 2502
Ion Ratio Lower Upper
117 100
119 84.4 76.1 114.1
121 27.1 24.6 37.0





#39

Methylcyclohexane

Concen: 1.112 ug/l

RT: 6.730 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063716.D

Acq: 12 Nov 2025 13:41

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

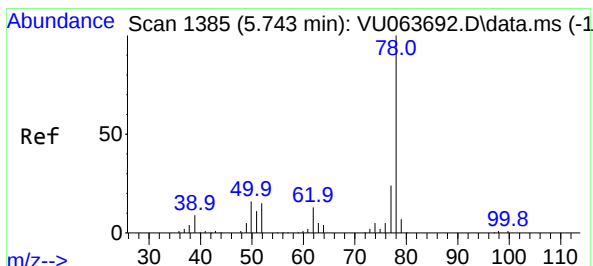
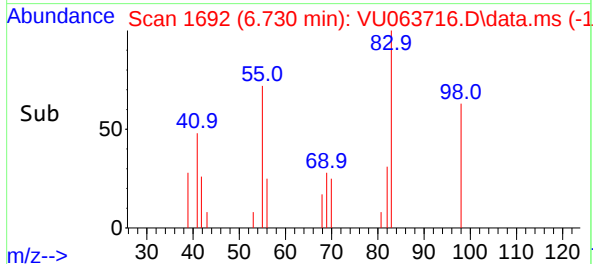
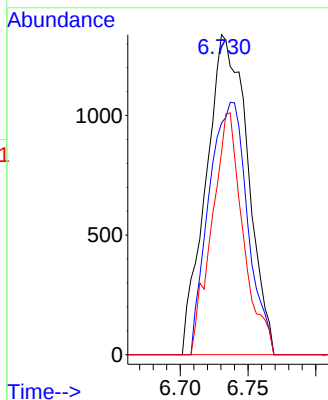
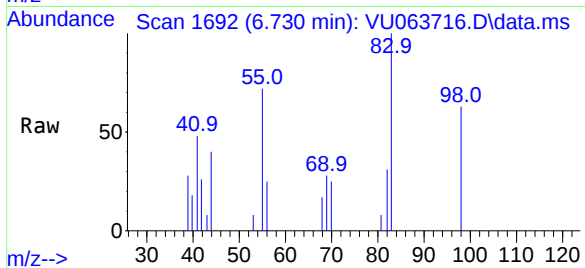
Tgt Ion: 83 Resp: 2859

Ion Ratio Lower Upper

83 100

55 72.4 61.6 92.4

98 63.3 40.0 60.0#



#40

Benzene

Concen: 1.171 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. 0.013 min

Lab File: VU063716.D

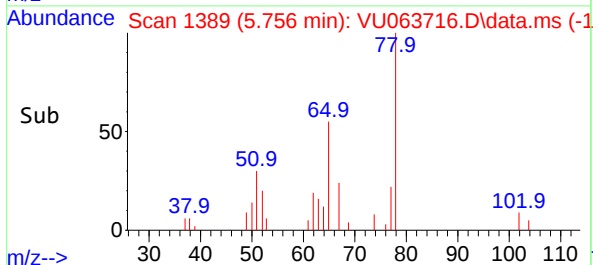
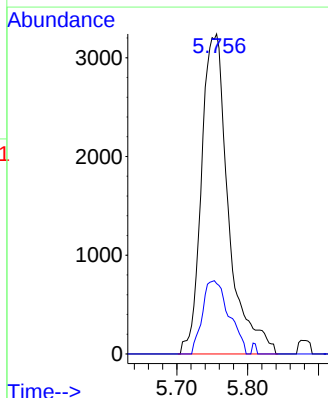
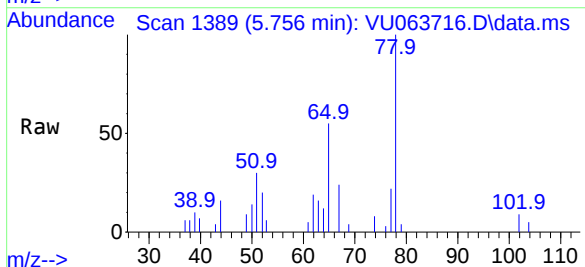
Acq: 12 Nov 2025 13:41

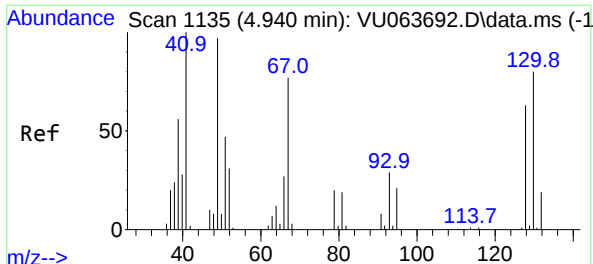
Tgt Ion: 78 Resp: 8557

Ion Ratio Lower Upper

78 100

77 22.0 18.9 28.3



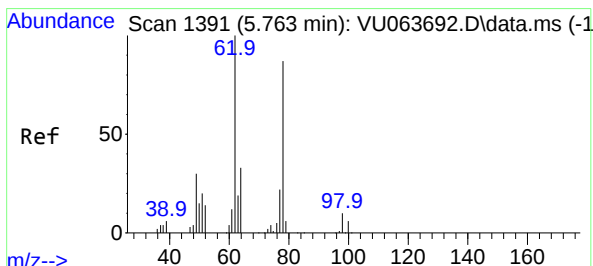
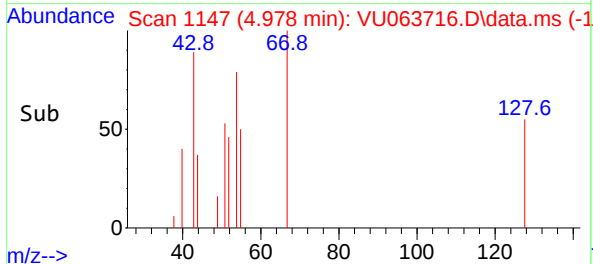
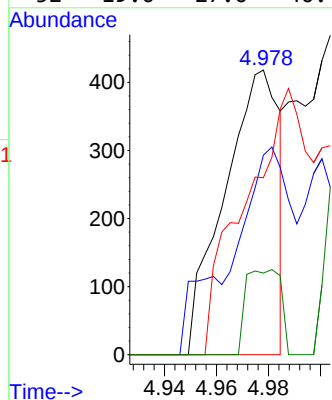
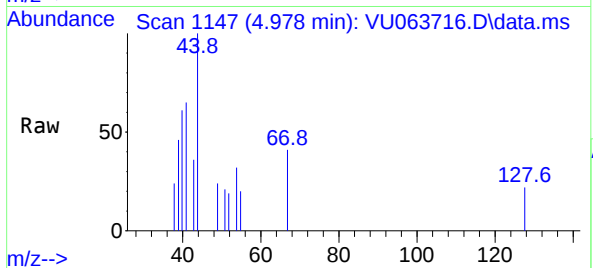


#41
Methacrylonitrile
Concen: 0.367 ug/l
RT: 4.978 min Scan# 1147
Delta R.T. 0.039 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

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

Tgt Ion: 41 Resp: 612

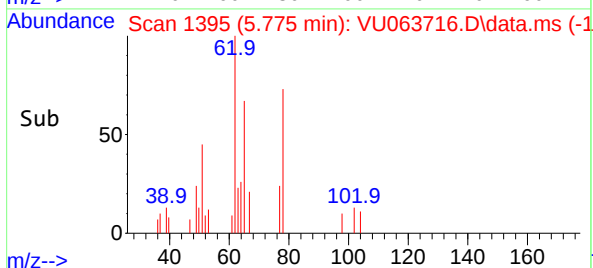
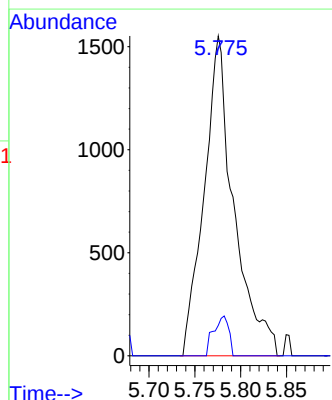
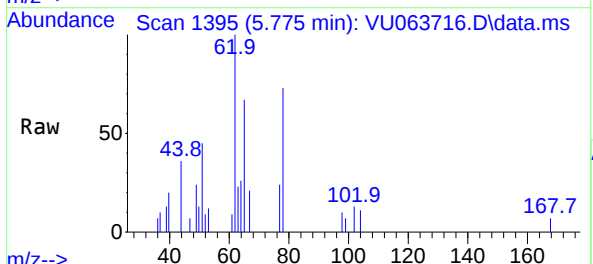
Ion	Ratio	Lower	Upper
41	100		
39	81.0	44.7	67.1#
67	107.8	67.4	101.2#
52	19.0	27.0	40.4#

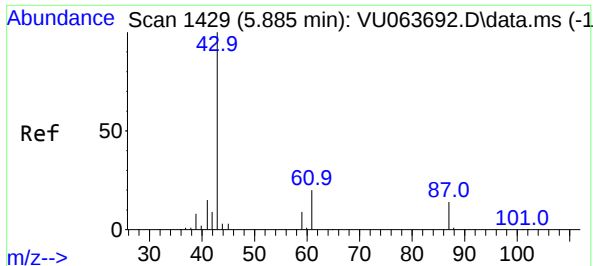


#42
1,2-Dichloroethane
Concen: 1.214 ug/l
RT: 5.775 min Scan# 1395
Delta R.T. 0.013 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 62 Resp: 3501

Ion	Ratio	Lower	Upper
62	100		
98	6.3	0.0	18.2

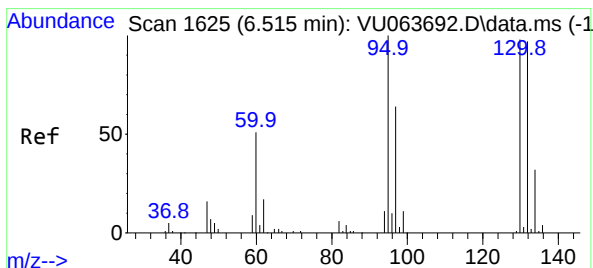
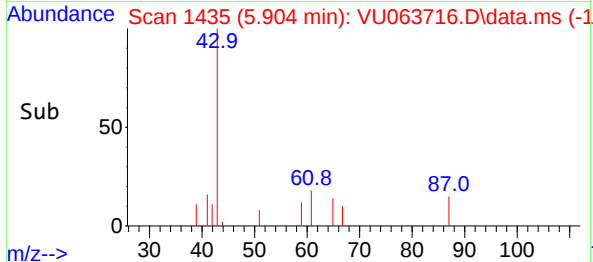
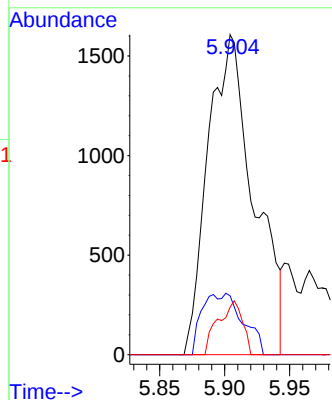
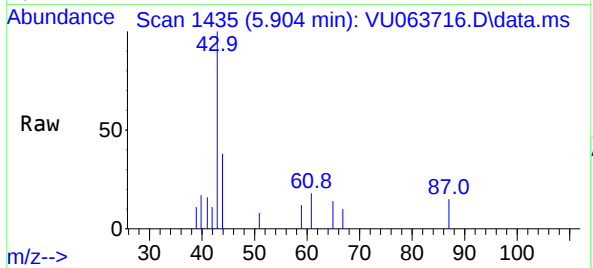




#43
Isopropyl Acetate
Concen: 0.839 ug/l
RT: 5.904 min Scan# 1429
Delta R.T. 0.019 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

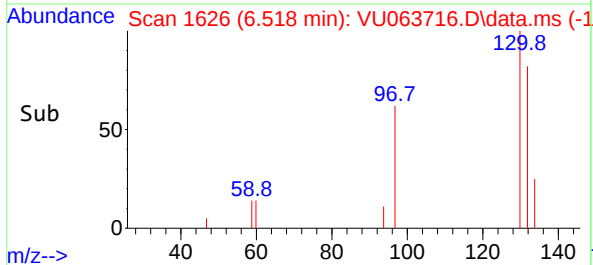
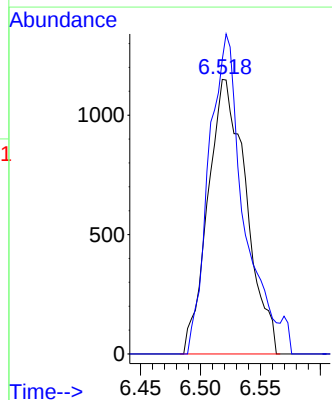
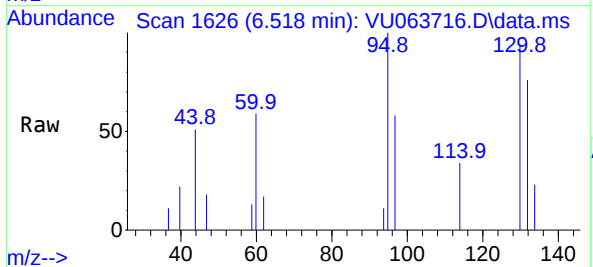
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

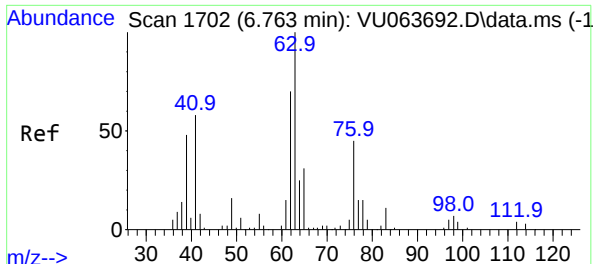
Tgt Ion	Ratio	Lower	Upper
43	100		
61	7.4	15.9	23.9#
87	8.9	11.0	16.6#



#44
Trichloroethene
Concen: 1.243 ug/l
RT: 6.518 min Scan# 1626
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.2	0.0	203.6

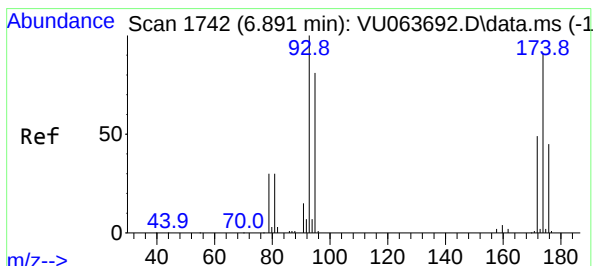
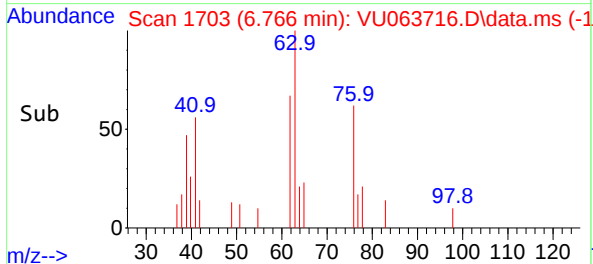
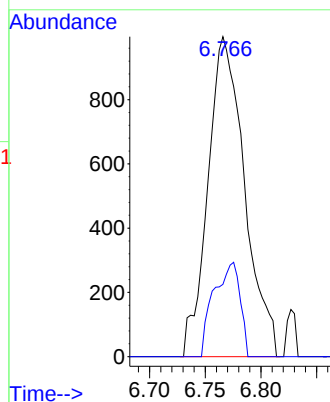
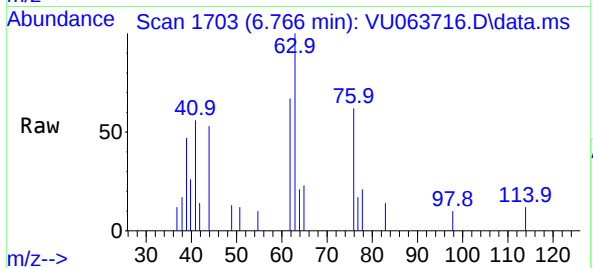




#45
1,2-Dichloropropane
Concen: 1.148 ug/l
RT: 6.766 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

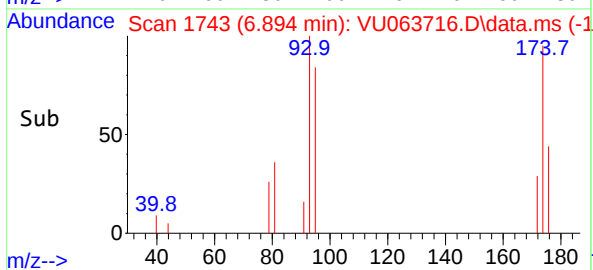
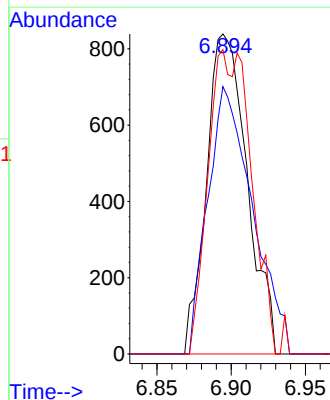
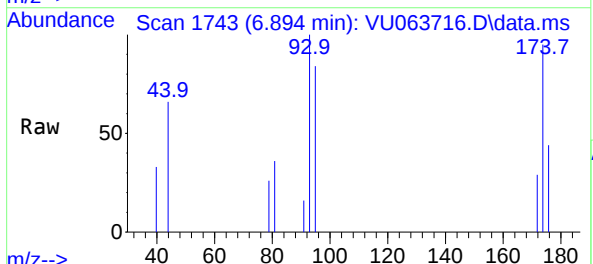
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

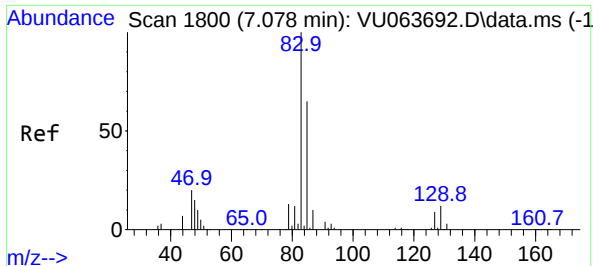
Tgt Ion: 63 Resp: 2281
Ion Ratio Lower Upper
63 100
65 22.6 24.9 37.3#



#46
Dibromomethane
Concen: 1.071 ug/l
RT: 6.894 min Scan# 1743
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 93 Resp: 1598
Ion Ratio Lower Upper
93 100
95 91.9 65.9 98.9
174 58.1 74.9 112.3#

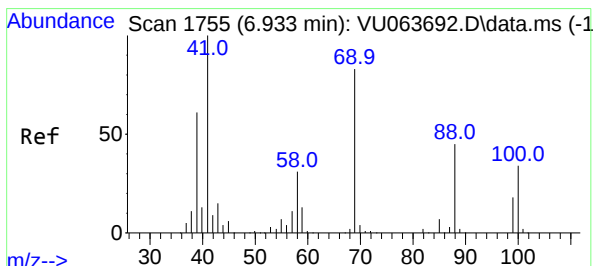
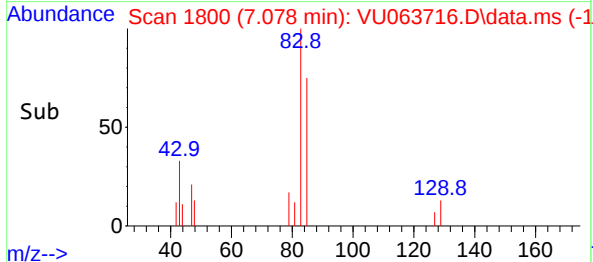
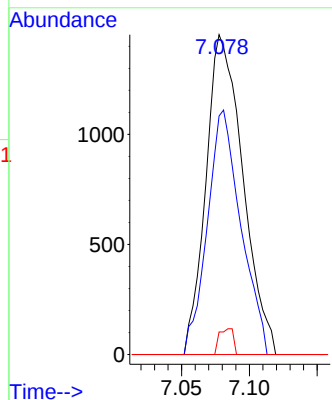
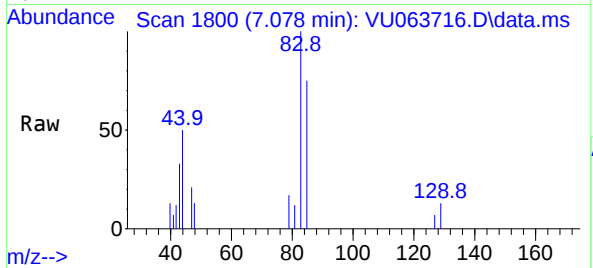




#47
Bromodichloromethane
Concen: 0.911 ug/l
RT: 7.078 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

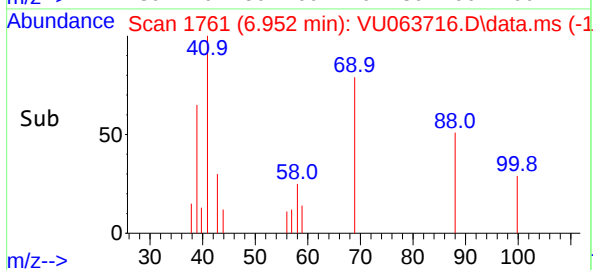
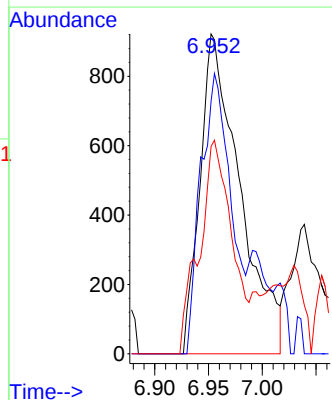
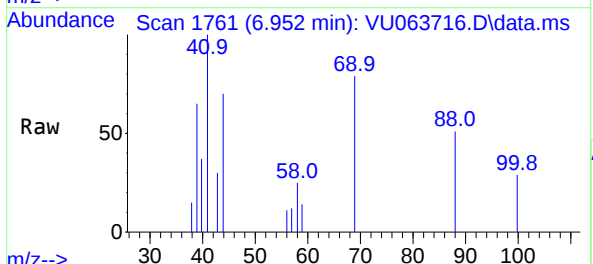
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

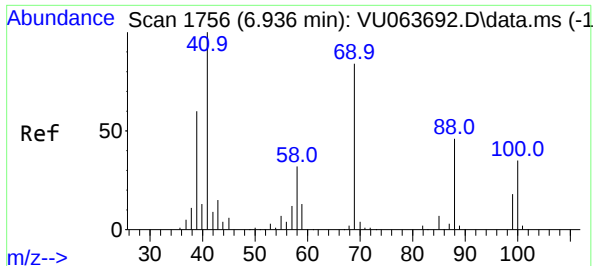
Tgt Ion:	83	Resp:	2757
Ion	Ratio	Lower	Upper
83	100		
85	74.6	51.9	77.9
127	7.1	6.9	10.3



#48
Methyl methacrylate
Concen: 1.031 ug/l
RT: 6.952 min Scan# 1761
Delta R.T. 0.019 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:	41	Resp:	2379
Ion	Ratio	Lower	Upper
41	100		
69	66.3	72.9	109.3#
39	54.8	51.0	76.4

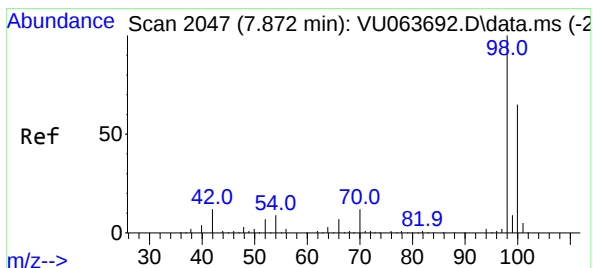
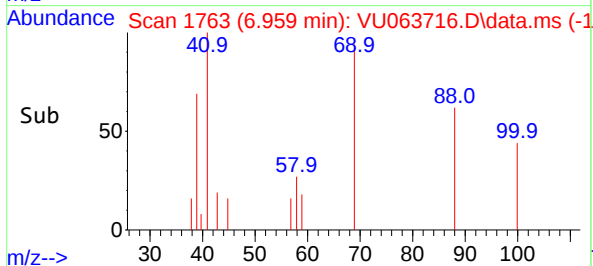
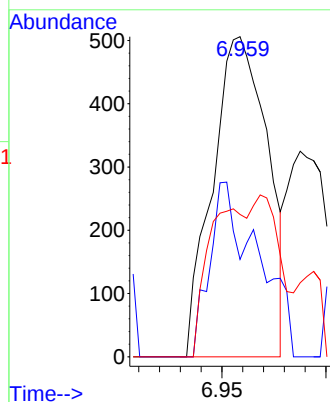
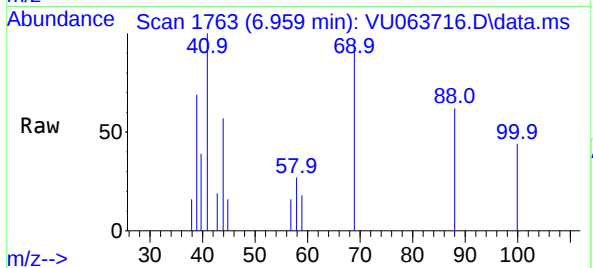




#49
1,4-Dioxane
Concen: 15.179 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. 0.022 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

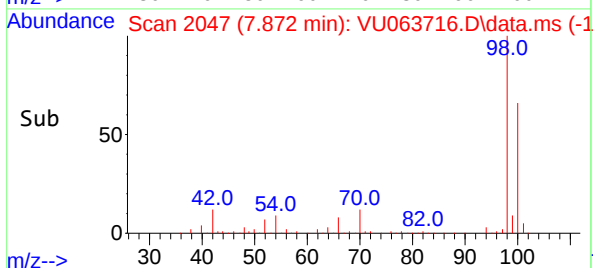
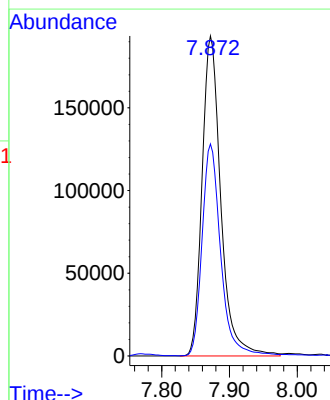
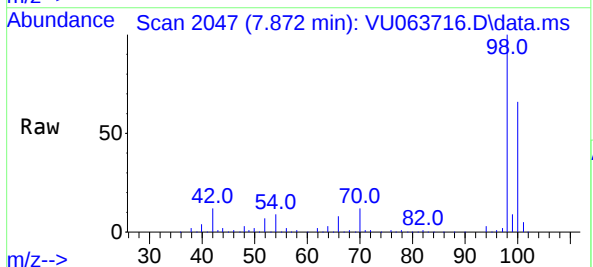
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

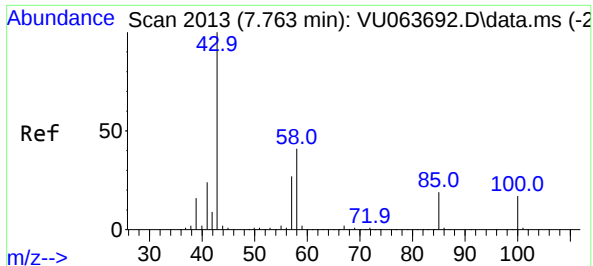
Tgt Ion:	88	Resp:	928
Ion	Ratio	Lower	Upper
88	100		
43	26.8	24.1	36.1
58	33.7	54.2	81.4#



#50
Toluene-d8
Concen: 46.410 ug/l
RT: 7.872 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:	98	Resp:	371063
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.5	78.7

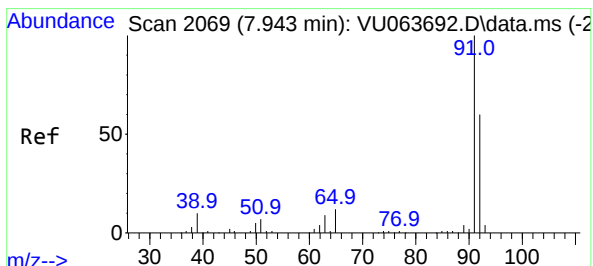
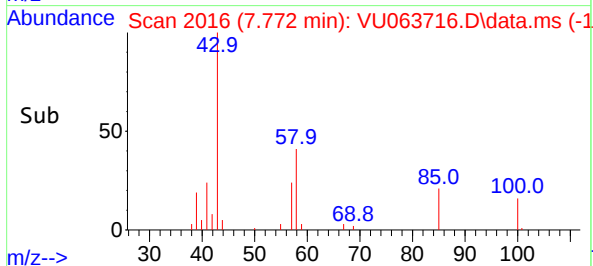
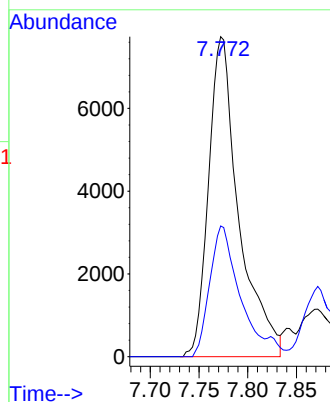
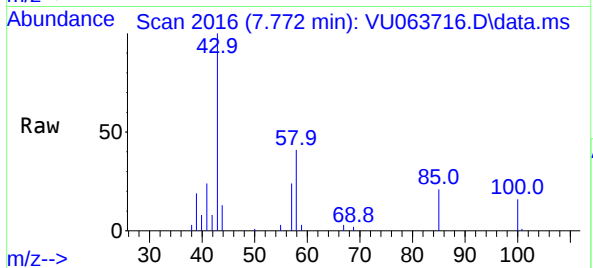




#51
4-Methyl-2-Pentanone
Concen: 4.640 ug/l
RT: 7.772 min Scan# 2016
Delta R.T. 0.010 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

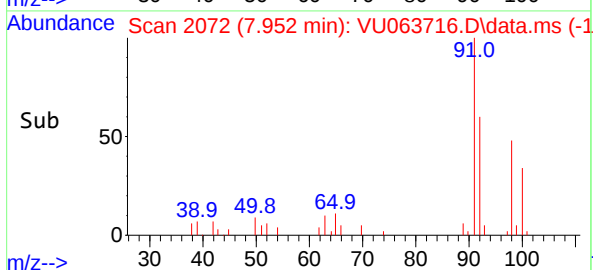
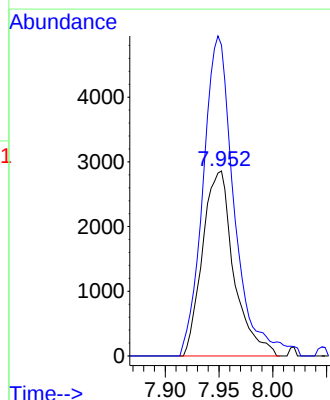
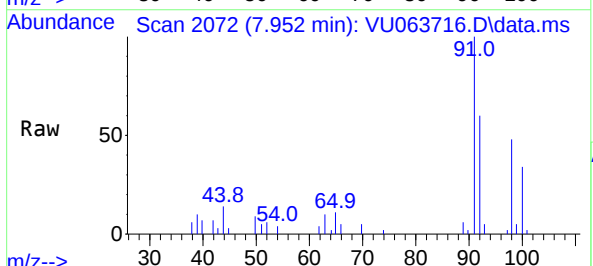
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

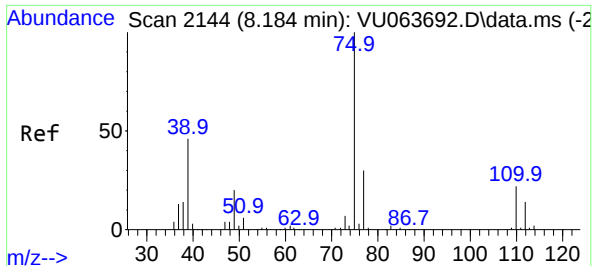
Tgt Ion: 43 Resp: 16693
Ion Ratio Lower Upper
43 100
58 39.3 32.3 48.5



#52
Toluene
Concen: 1.220 ug/l
RT: 7.952 min Scan# 2072
Delta R.T. 0.010 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 92 Resp: 5786
Ion Ratio Lower Upper
92 100
91 172.0 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 0.904 ug/l

RT: 8.193 min Scan# 2144

Delta R.T. 0.010 min

Lab File: VU063716.D

Acq: 12 Nov 2025 13:41

Instrument :

MSVOA_U

ClientSampleId :

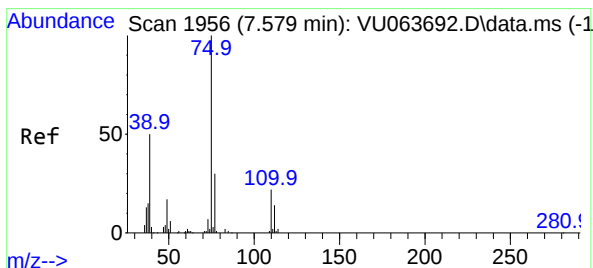
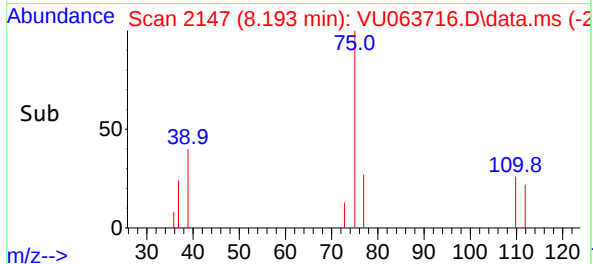
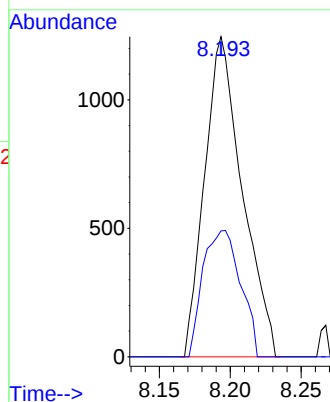
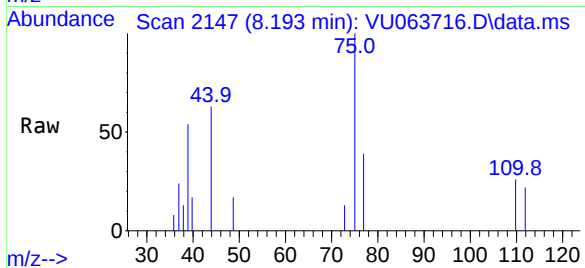
LOQ-WATER-02-QT4-2025

Tgt Ion: 75 Resp: 2302

Ion Ratio Lower Upper

75 100

77 39.3 24.3 36.5#



#54

cis-1,3-Dichloropropene

Concen: 1.030 ug/l

RT: 7.586 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VU063716.D

Acq: 12 Nov 2025 13:41

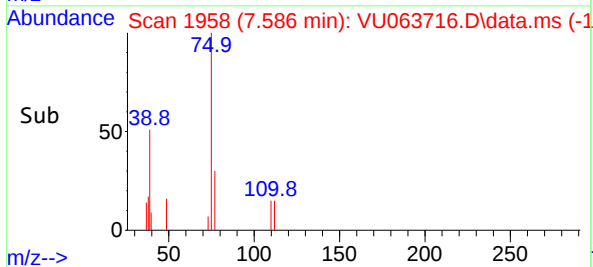
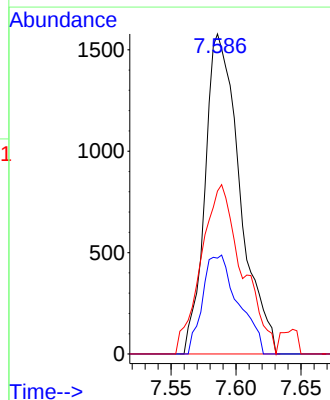
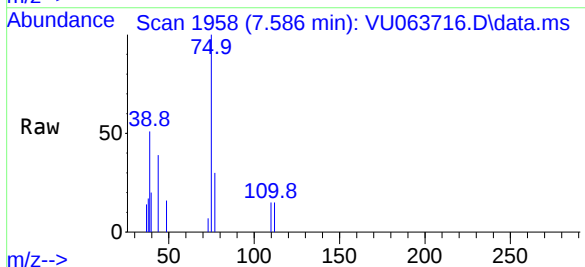
Tgt Ion: 75 Resp: 2942

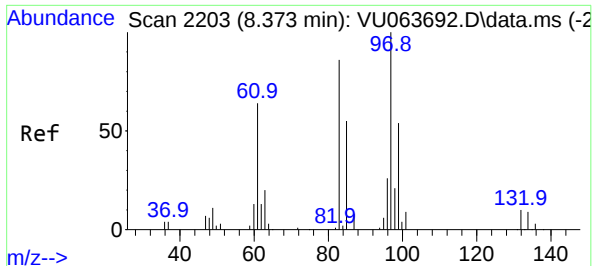
Ion Ratio Lower Upper

75 100

77 30.0 24.3 36.5

39 64.4 40.2 60.2#

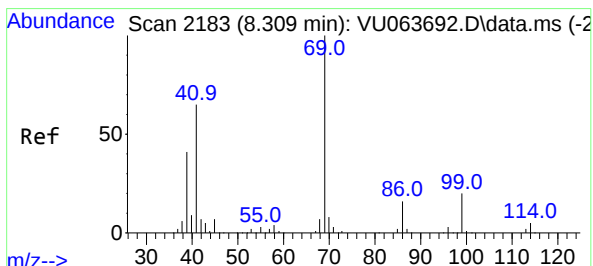
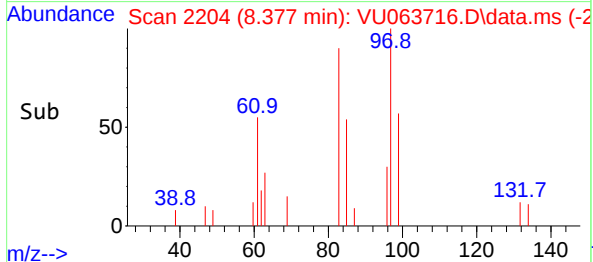
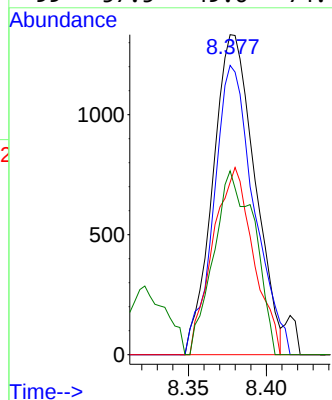
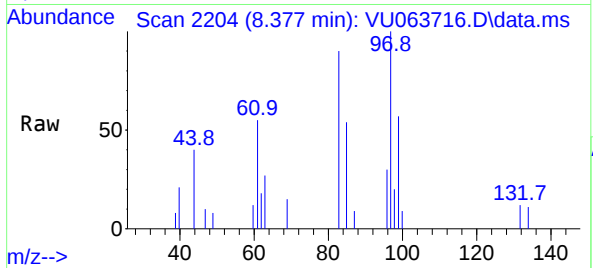




#55
1,1,2-Trichloroethane
Concen: 1.145 ug/l
RT: 8.377 min Scan# 2183
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

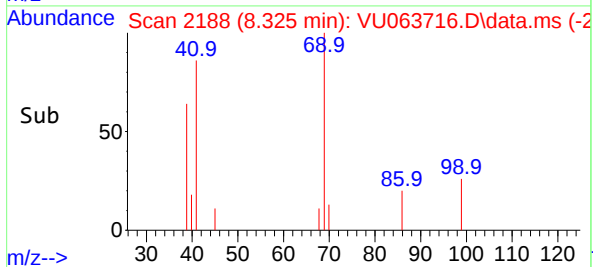
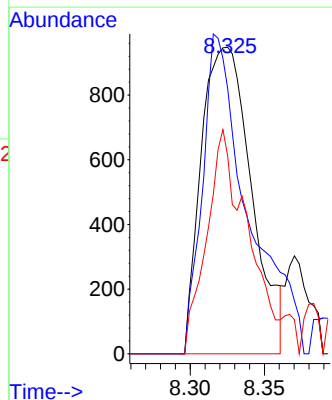
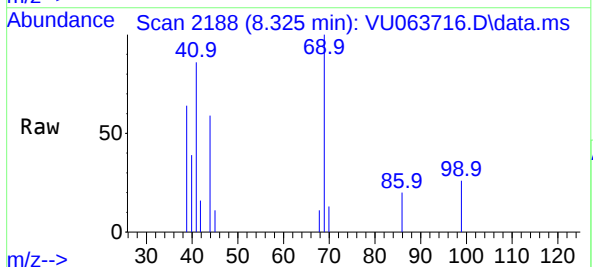
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

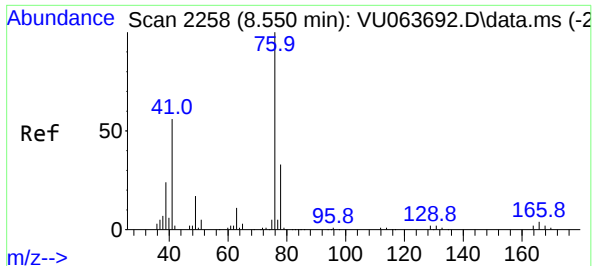
Tgt Ion:	97	Resp:	2493
Ion	Ratio	Lower	Upper
97	100		
83	90.4	69.0	103.4
85	53.9	44.2	66.4
99	57.5	49.6	74.4



#56
Ethyl methacrylate
Concen: 0.695 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. 0.016 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:	69	Resp:	2234
Ion	Ratio	Lower	Upper
69	100		
41	94.7	51.4	77.2#
39	59.8	32.2	48.4#

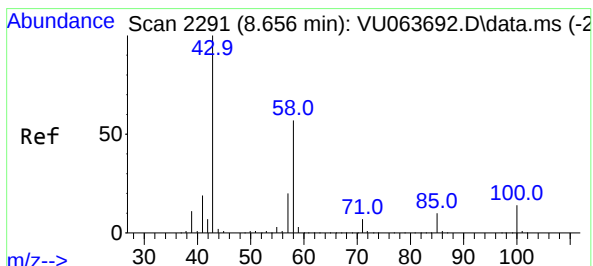
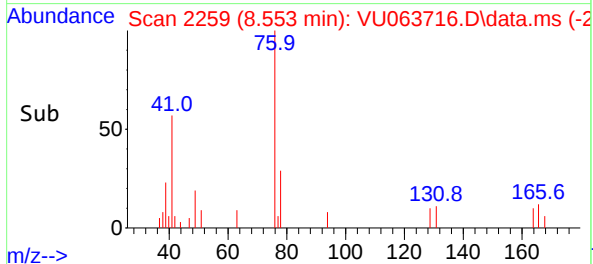
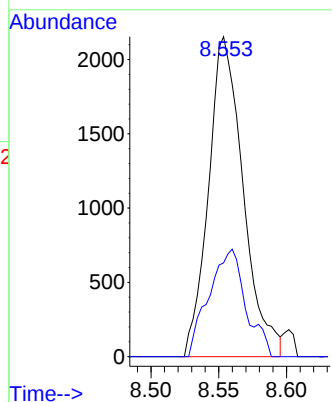
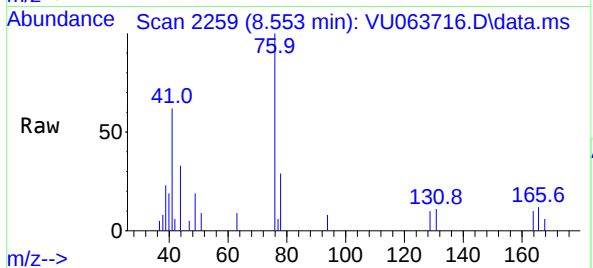




#57
1,3-Dichloropropane
Concen: 1.079 ug/l
RT: 8.553 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

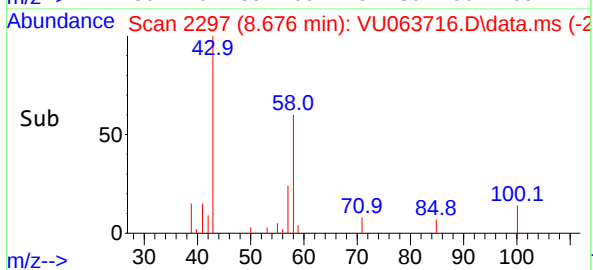
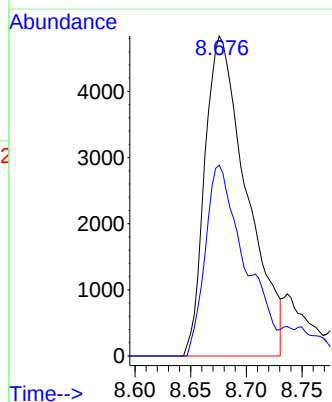
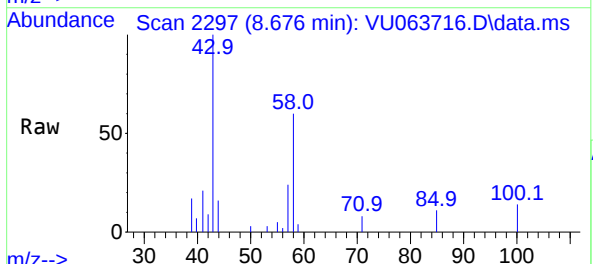
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

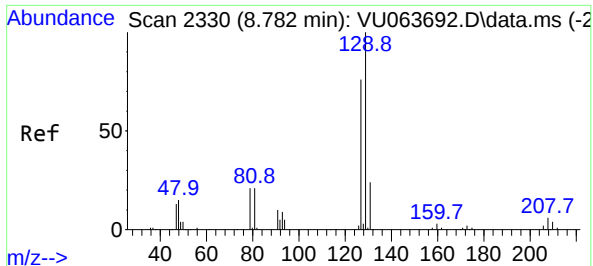
Tgt Ion: 76 Resp: 3833
Ion Ratio Lower Upper
76 100
78 35.6 26.2 39.4



#59
2-Hexanone
Concen: 4.726 ug/l
RT: 8.676 min Scan# 2297
Delta R.T. 0.019 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 43 Resp: 12663
Ion Ratio Lower Upper
43 100
58 56.9 28.4 85.3

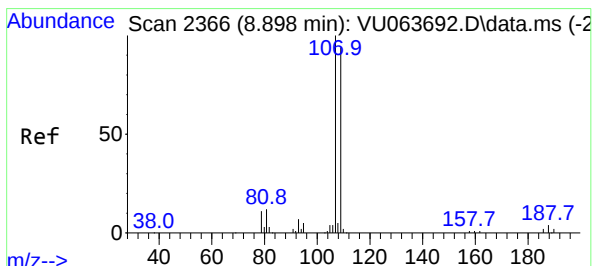
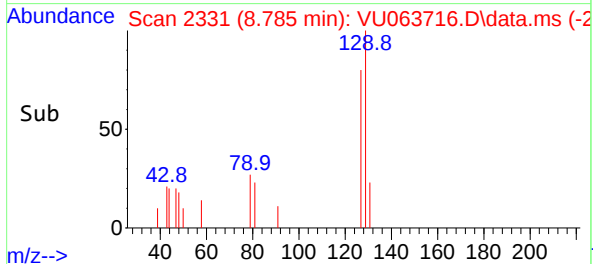
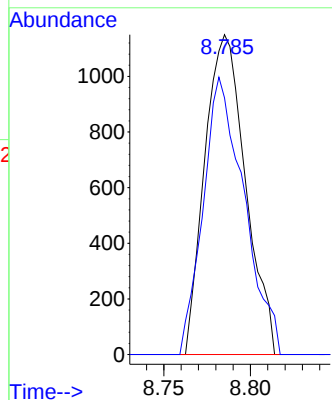
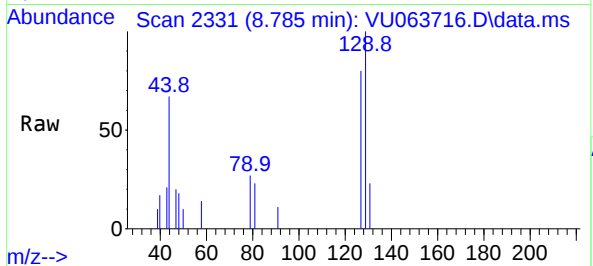




#60
Dibromochloromethane
Concen: 0.825 ug/l
RT: 8.785 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

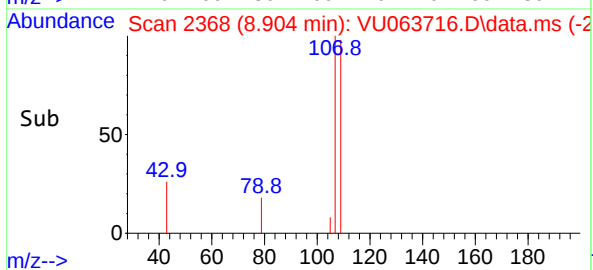
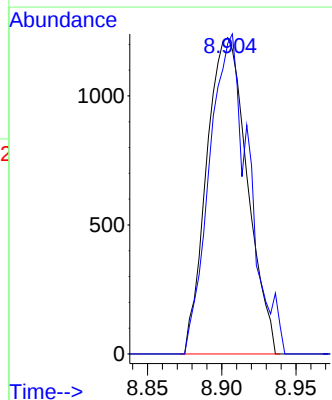
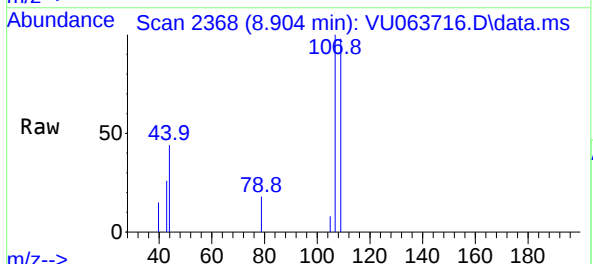
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

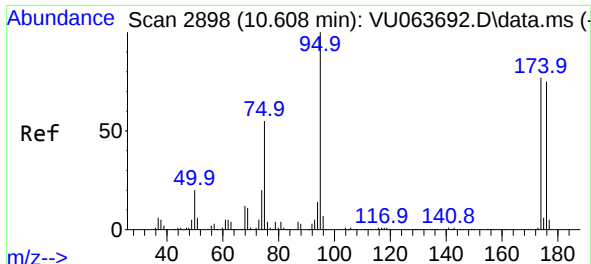
Tgt Ion:129 Resp: 1880
Ion Ratio Lower Upper
129 100
127 87.2 38.2 114.6



#61
1,2-Dibromoethane
Concen: 1.112 ug/l
RT: 8.904 min Scan# 2368
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:107 Resp: 2332
Ion Ratio Lower Upper
107 100
109 99.0 73.8 110.8

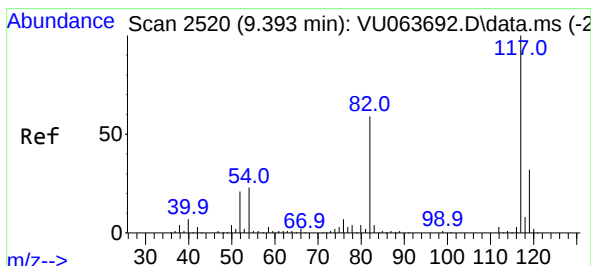
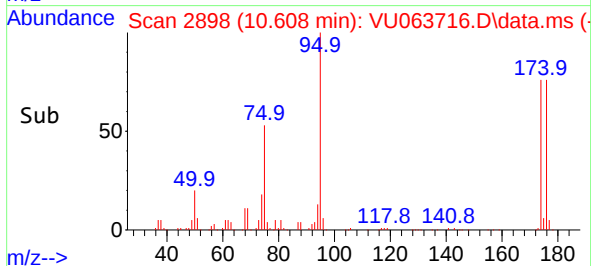
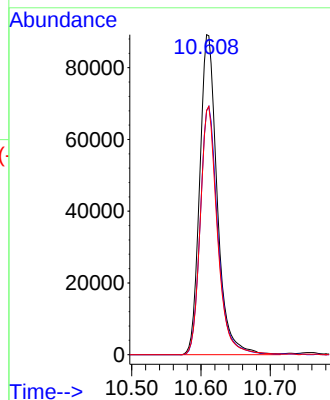
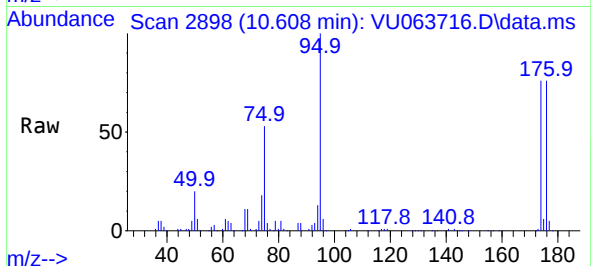




#62
4-Bromofluorobenzene
Concen: 47.270 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

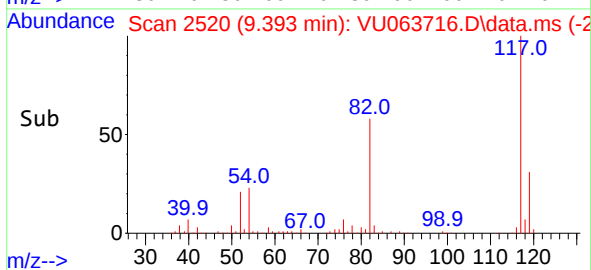
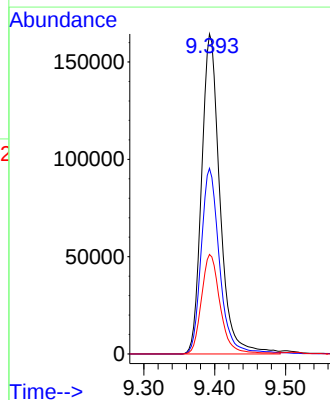
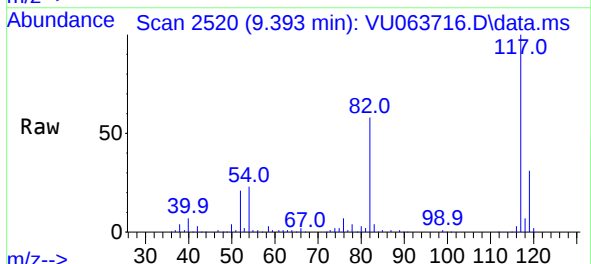
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

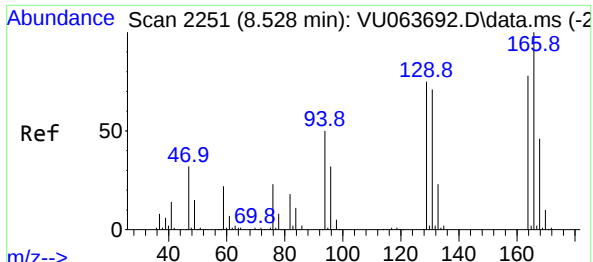
Tgt Ion: 95 Resp: 156340
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 76.3 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 117 Resp: 295400
Ion Ratio Lower Upper
117 100
82 58.0 46.9 70.3
119 31.1 25.8 38.8



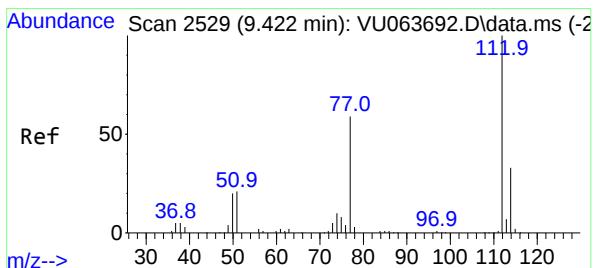
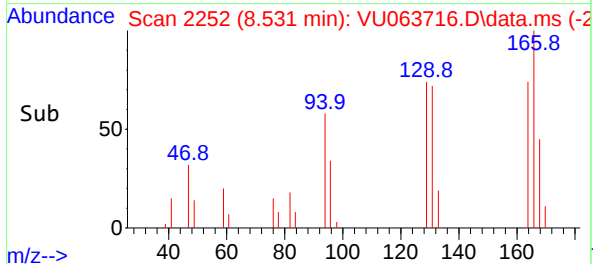
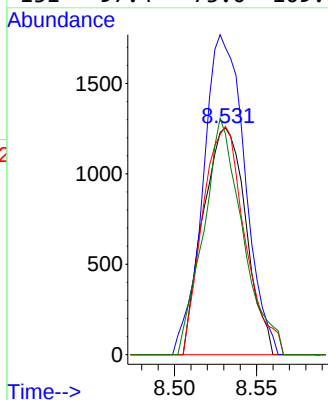
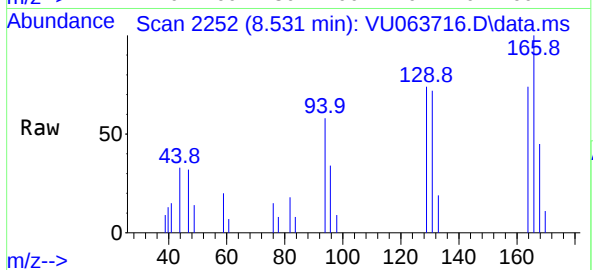


#64
Tetrachloroethene
Concen: 1.189 ug/l
RT: 8.531 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

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

Tgt Ion:164 Resp: 2266

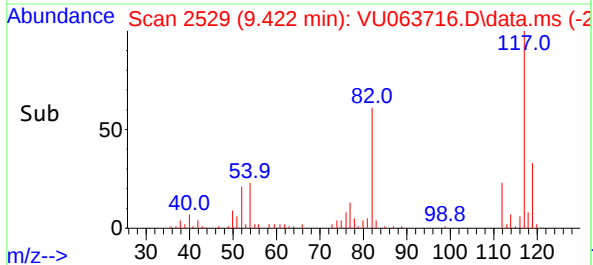
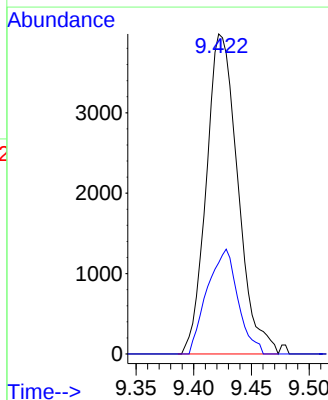
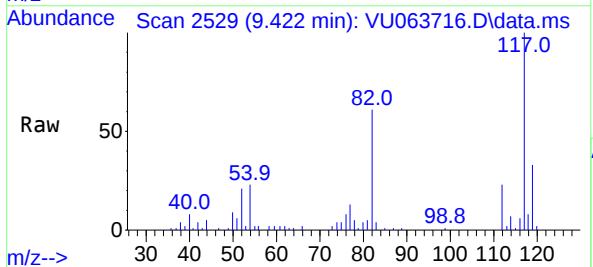
Ion	Ratio	Lower	Upper
164	100		
166	135.3	102.5	153.7
129	100.6	77.1	115.7
131	97.4	73.0	109.6

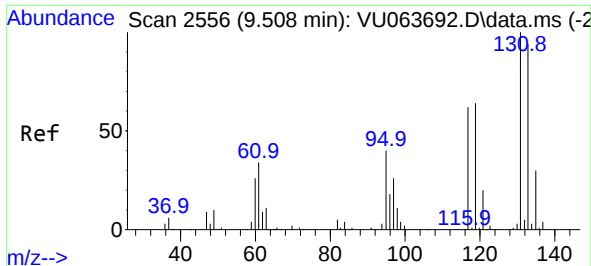


#65
Chlorobenzene
Concen: 1.307 ug/l
RT: 9.422 min Scan# 2529
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:112 Resp: 7545

Ion	Ratio	Lower	Upper
112	100		
114	28.5	26.2	39.2

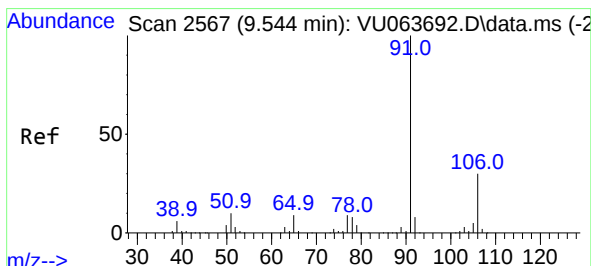
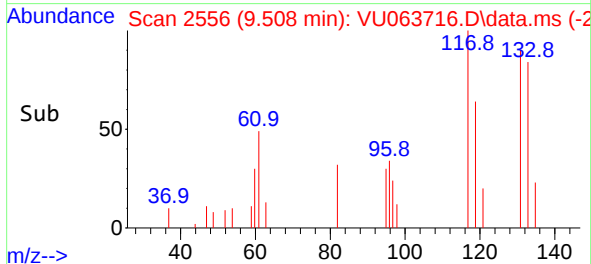
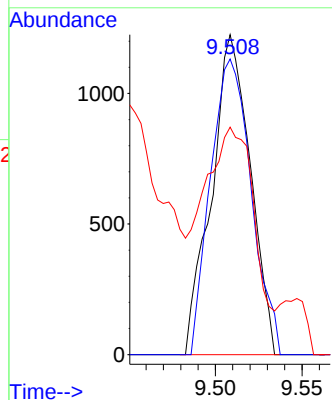
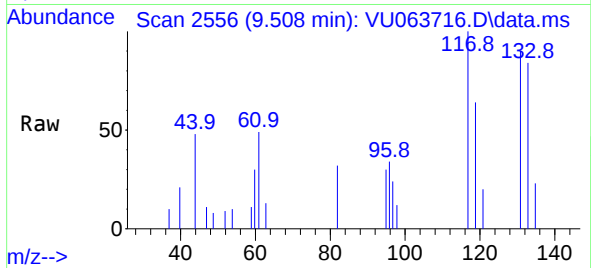




#66
1,1,1,2-Tetrachloroethane
Concen: 0.970 ug/l
RT: 9.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

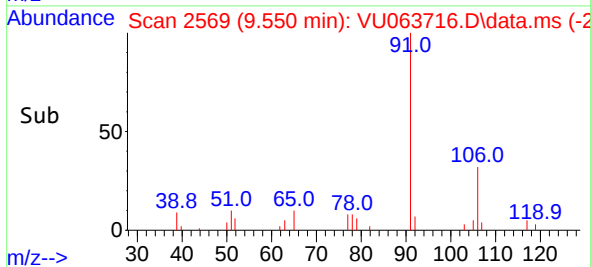
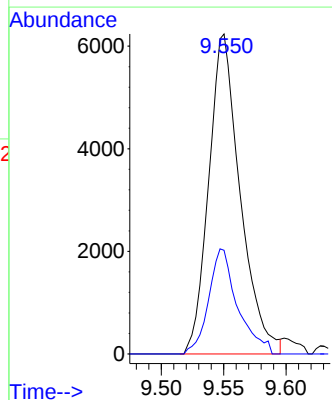
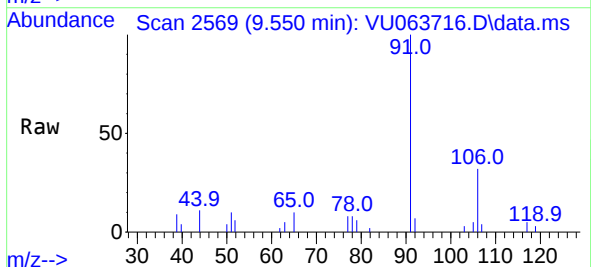
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

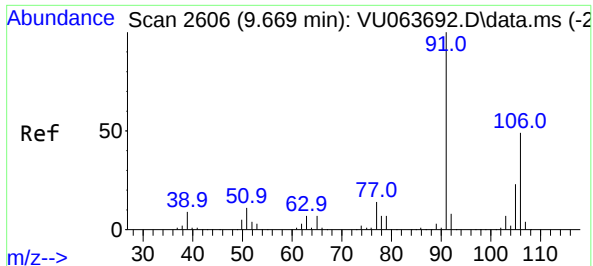
Tgt Ion:131 Resp: 1904
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.5
119 0.0 33.3 99.8#



#67
Ethyl Benzene
Concen: 1.139 ug/l
RT: 9.550 min Scan# 2569
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 91 Resp: 10951
Ion Ratio Lower Upper
91 100
106 32.4 23.8 35.8

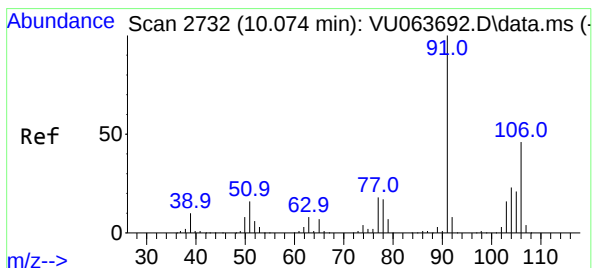
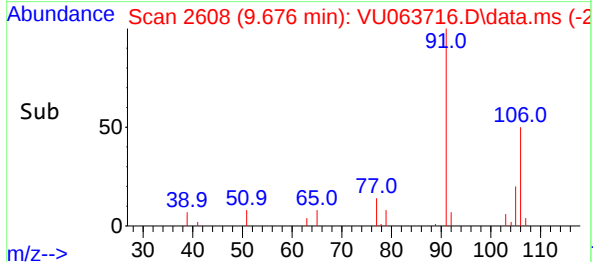
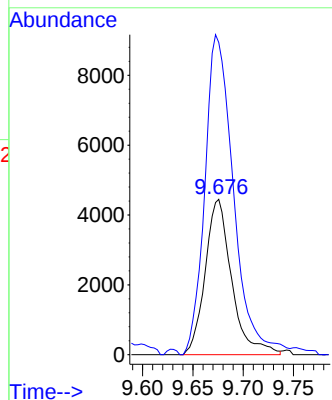
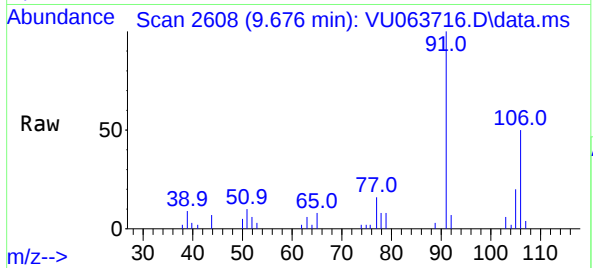




#68
m/p-Xylenes
Concen: 2.302 ug/l
RT: 9.676 min Scan# 2608
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

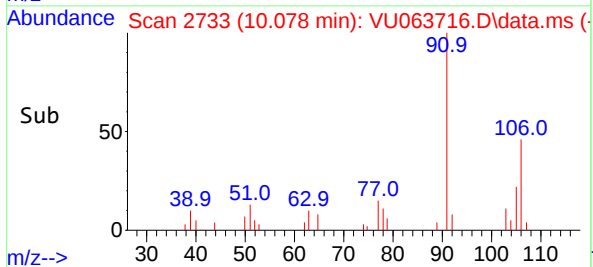
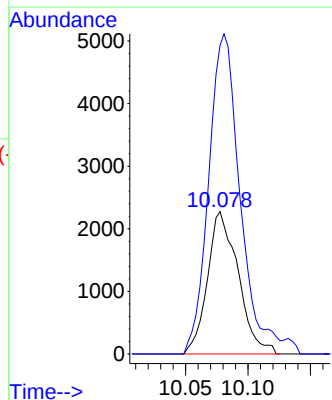
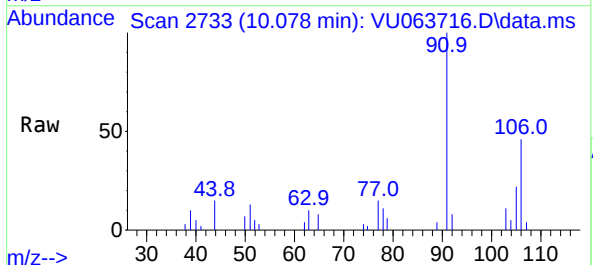
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

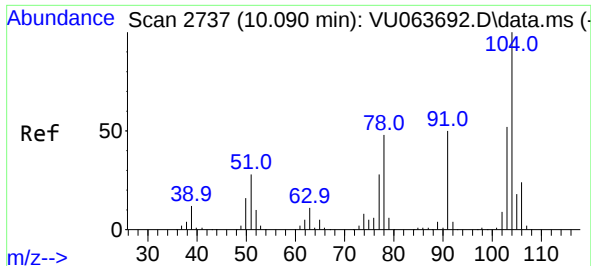
Tgt Ion:106 Resp: 8169
Ion Ratio Lower Upper
106 100
91 222.7 165.7 248.5



#69
o-Xylene
Concen: 1.065 ug/l
RT: 10.078 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

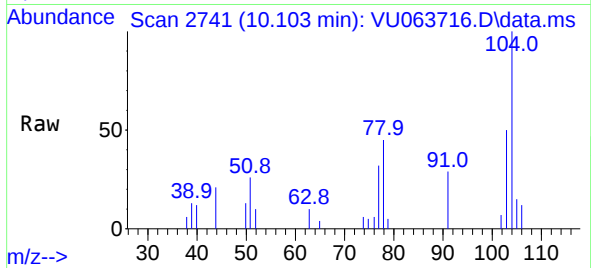
Tgt Ion:106 Resp: 3899
Ion Ratio Lower Upper
106 100
91 233.1 108.7 325.9



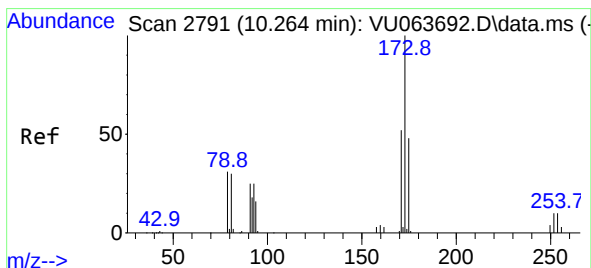
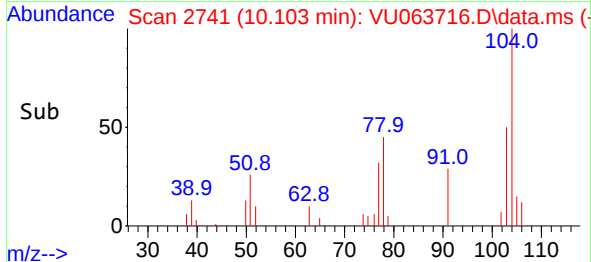
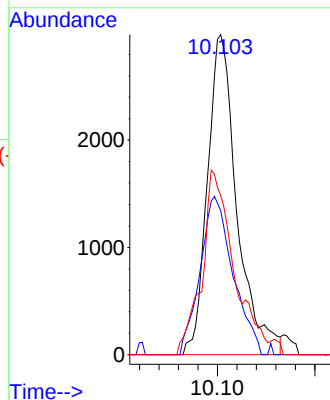


#70
Styrene
Concen: 1.068 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. 0.013 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

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

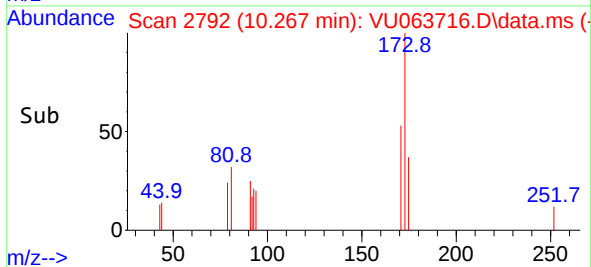
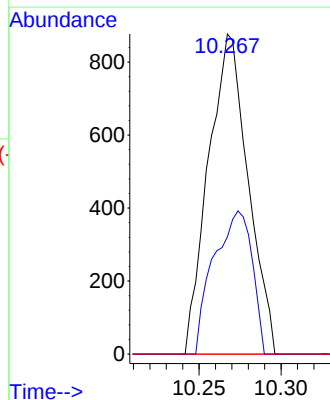
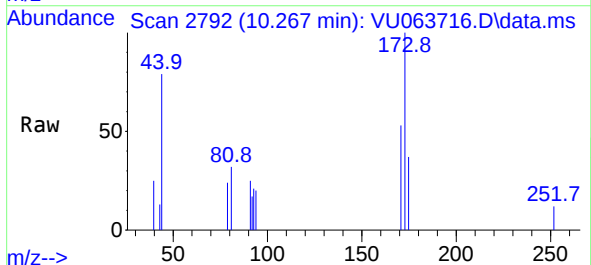


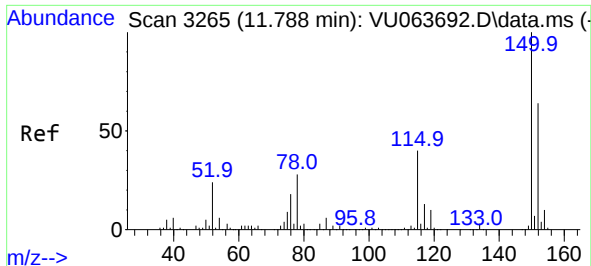
Tgt Ion:104 Resp: 6280
Ion Ratio Lower Upper
104 100
78 55.1 42.7 64.1
103 61.9 44.0 66.0



#71
Bromoform
Concen: 0.930 ug/l
RT: 10.267 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:173 Resp: 1470
Ion Ratio Lower Upper
173 100
175 43.3 24.1 72.2
254 0.0 0.0 0.0

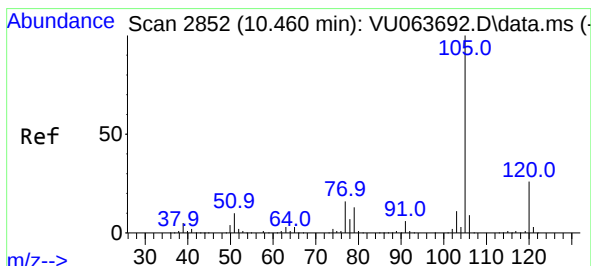
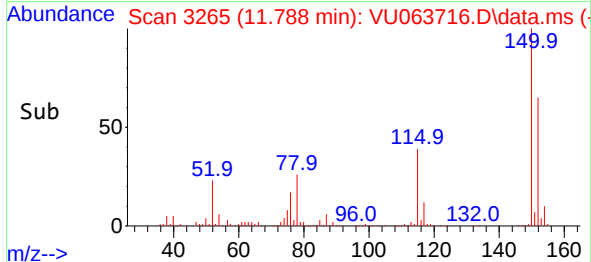
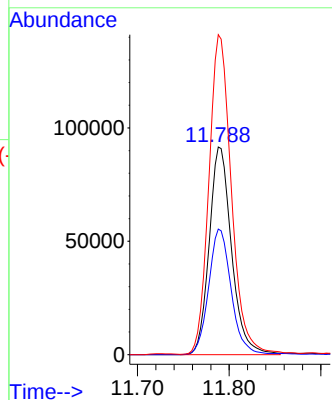
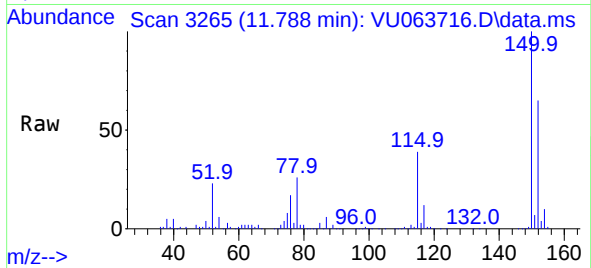




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.788 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

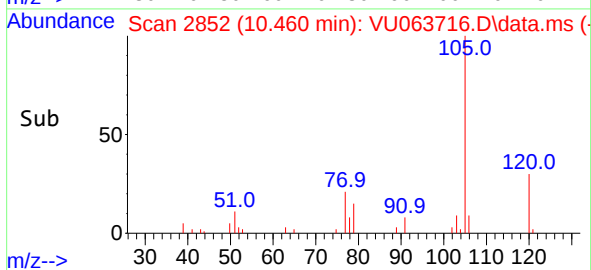
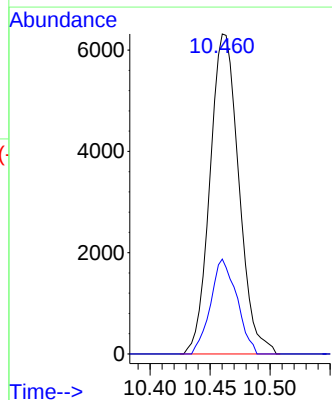
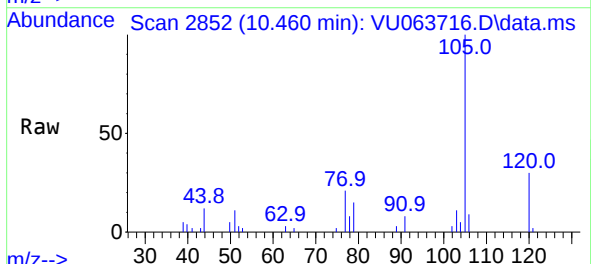
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

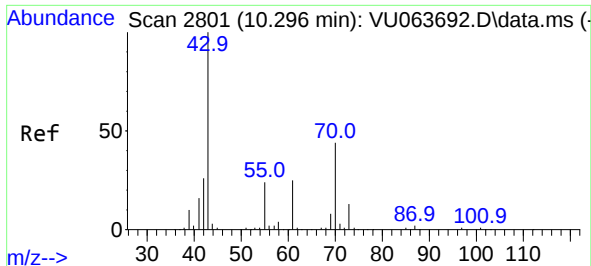
Tgt Ion:152 Resp: 154999
Ion Ratio Lower Upper
152 100
115 61.0 41.0 123.0
150 155.1 0.0 342.2



#73
Isopropylbenzene
Concen: 1.084 ug/l
RT: 10.460 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:105 Resp: 10556
Ion Ratio Lower Upper
105 100
120 27.0 13.0 38.9

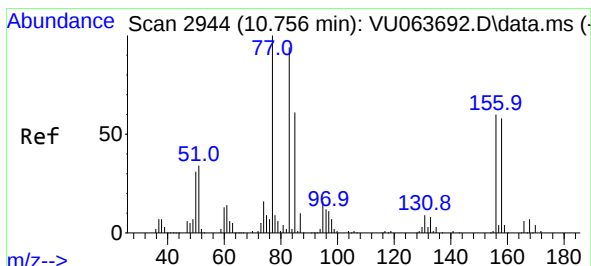
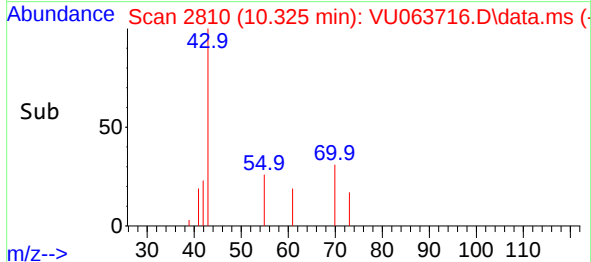
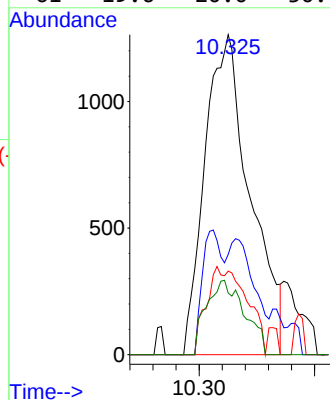
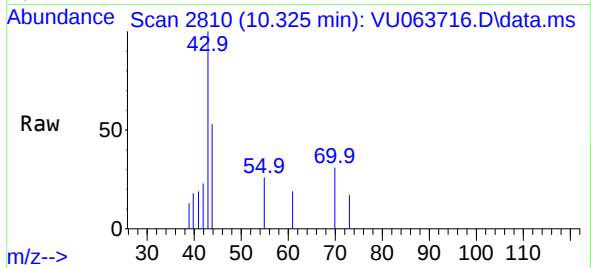




#74
N-amy1 acetate
Concen: 1.014 ug/l
RT: 10.325 min Scan# 2810
Delta R.T. 0.029 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

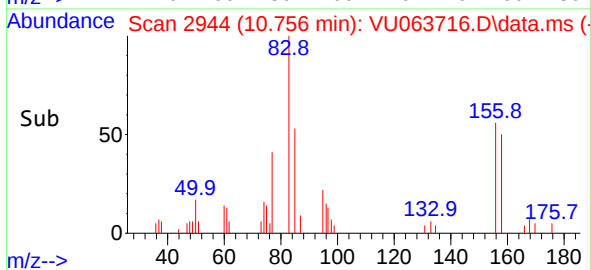
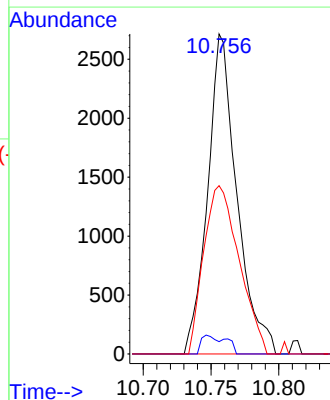
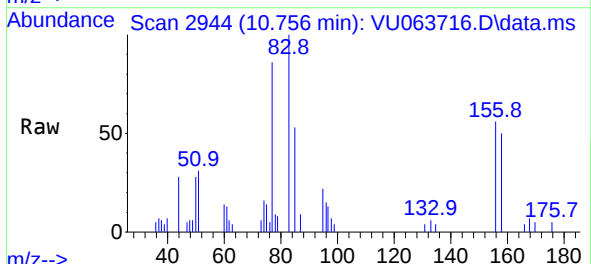
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

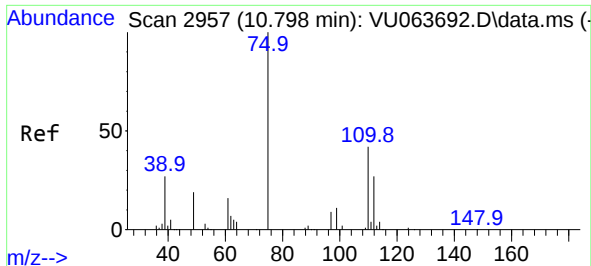
Tgt Ion: 43	Resp:	3440
Ion	Ratio	Lower Upper
43	100	
70	17.4	36.5 54.7#
55	11.3	20.6 30.8#
61	19.6	20.0 30.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.089 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 83	Resp:	4071
Ion	Ratio	Lower Upper
83	100	
131	3.2	4.8 14.4#
85	63.8	31.9 95.7

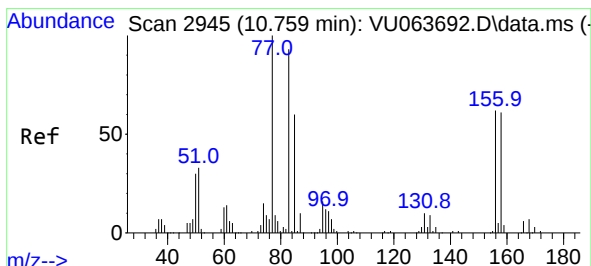
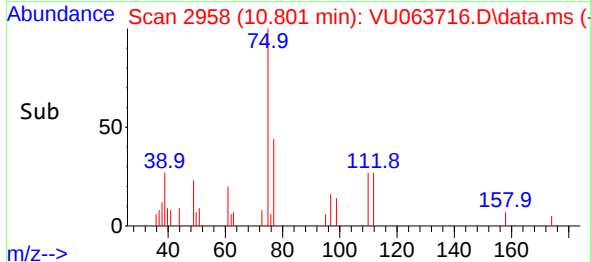
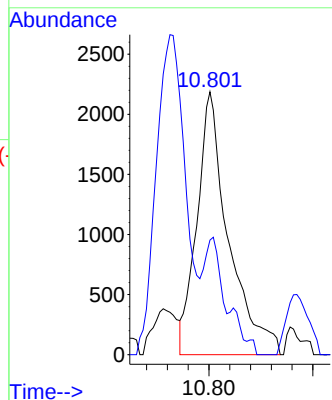
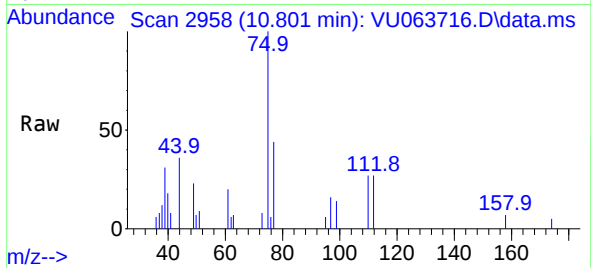




#76
1,2,3-Trichloropropane
Concen: 1.176 ug/l
RT: 10.801 min Scan# 2958
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

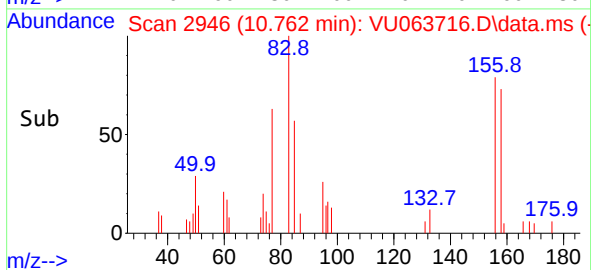
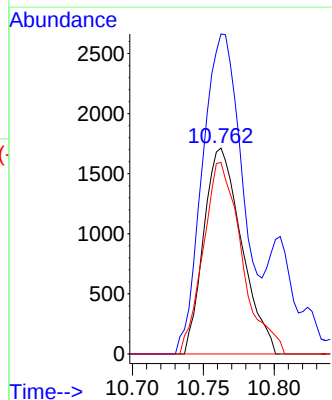
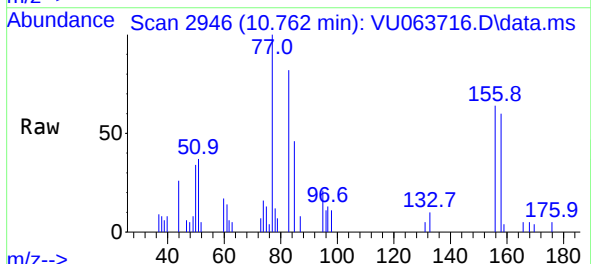
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

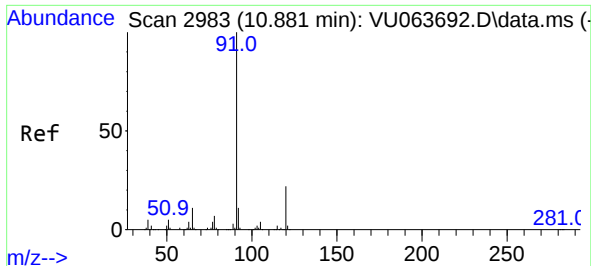
Tgt Ion: 75 Resp: 4595
Ion Ratio Lower Upper
75 100
77 31.7 0.0 0.0#



#77
Bromobenzene
Concen: 1.298 ug/l
RT: 10.762 min Scan# 2946
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:156 Resp: 3179
Ion Ratio Lower Upper
156 100
77 164.7 81.4 244.2
158 94.7 48.8 146.3

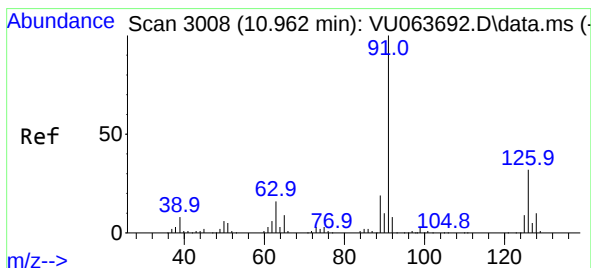
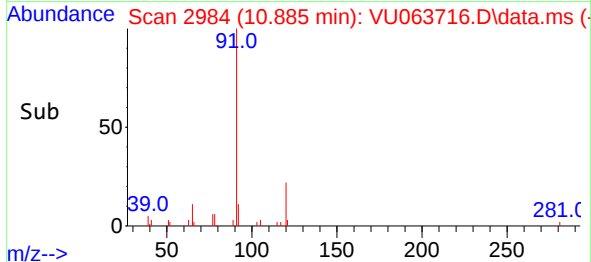
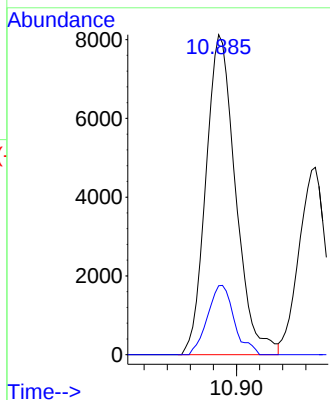
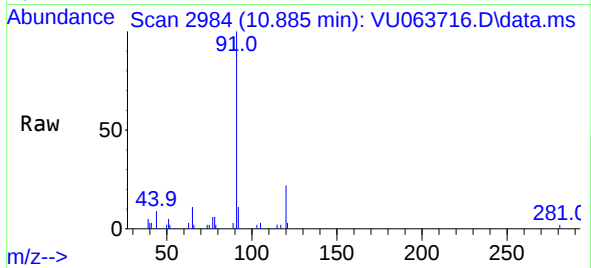




#78
n-propylbenzene
Concen: 1.297 ug/l
RT: 10.885 min Scan# 2983
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

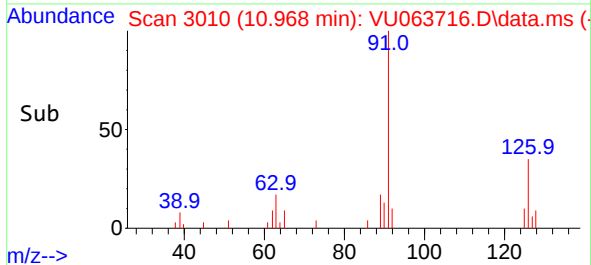
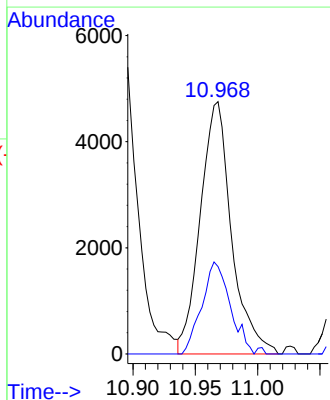
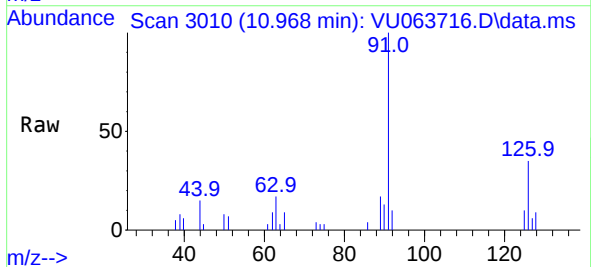
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

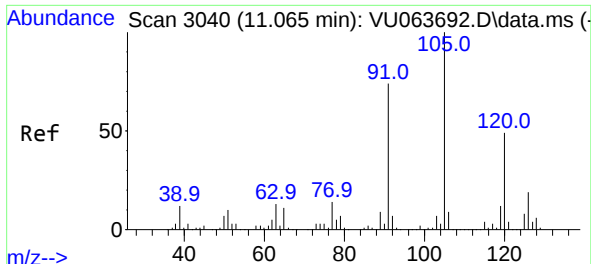
Tgt Ion: 91 Resp: 14494
Ion Ratio Lower Upper
91 100
120 19.4 11.2 33.6



#79
2-Chlorotoluene
Concen: 1.147 ug/l
RT: 10.968 min Scan# 3010
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 91 Resp: 8281
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1

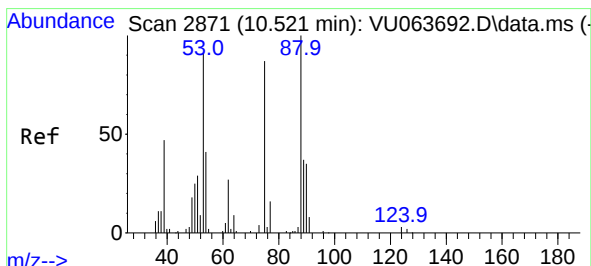
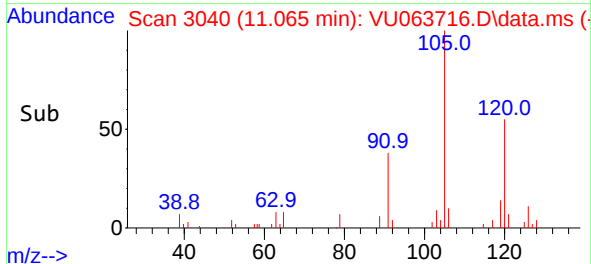
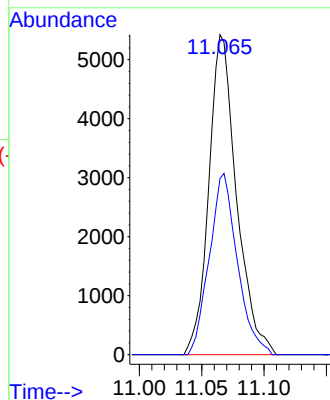
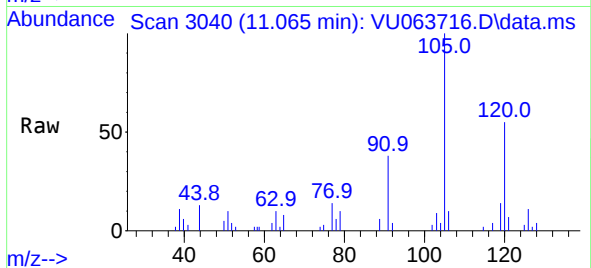




#80
1,3,5-Trimethylbenzene
Concen: 1.029 ug/l
RT: 11.065 min Scan# 3040
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

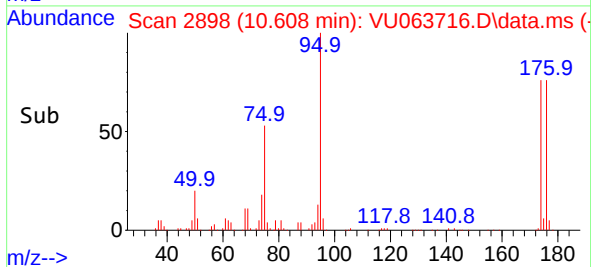
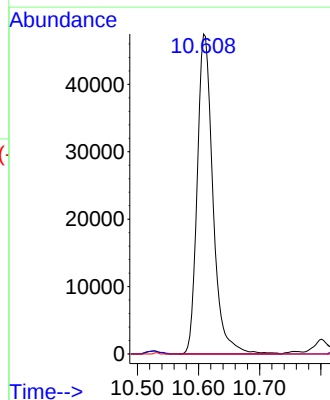
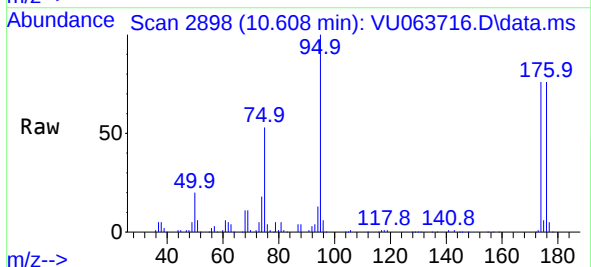
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

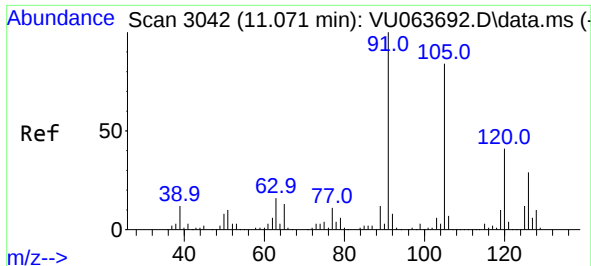
Tgt Ion:105 Resp: 8399
Ion Ratio Lower Upper
105 100
120 57.2 24.1 72.2



#81
trans-1,4-Dichloro-2-butene
Concen: 115.478 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. 0.087 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 75 Resp: 84669
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 35.2 52.8#

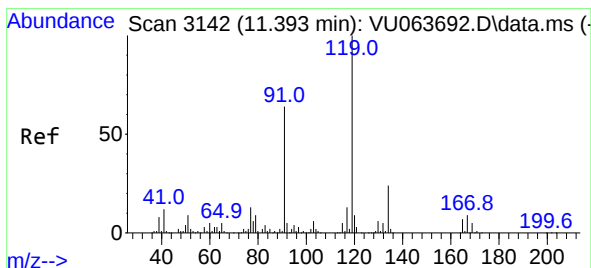
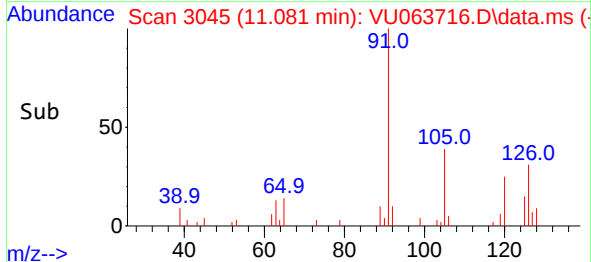
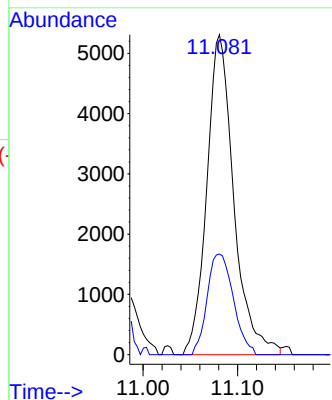
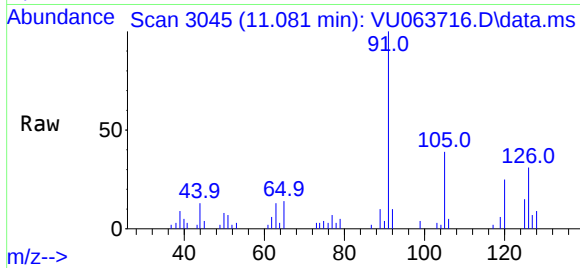




#82
4-Chlorotoluene
Concen: 1.285 ug/l
RT: 11.081 min Scan# 3042
Delta R.T. 0.010 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

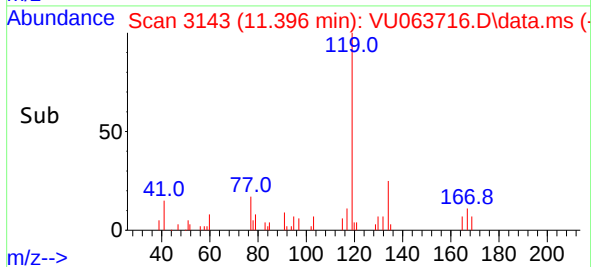
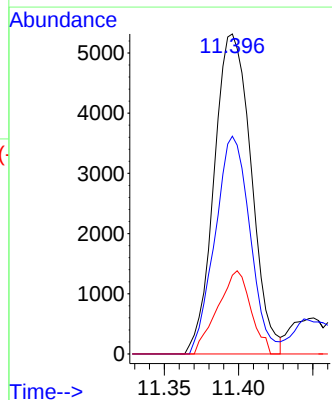
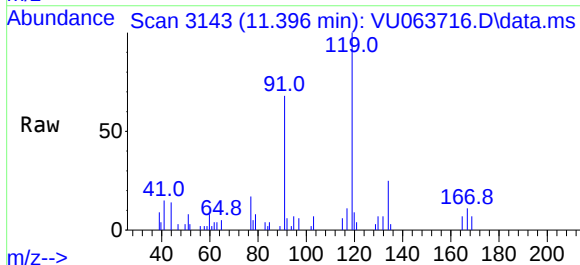
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

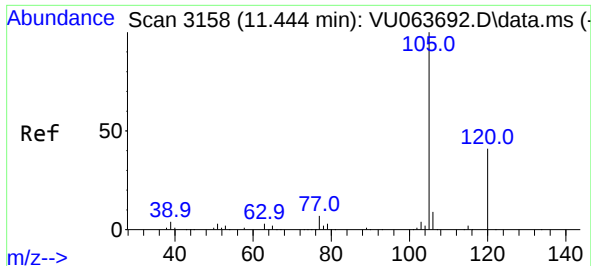
Tgt Ion: 91 Resp: 10543
Ion Ratio Lower Upper
91 100
126 30.4 14.2 42.8



#83
tert-Butylbenzene
Concen: 1.085 ug/l
RT: 11.396 min Scan# 3143
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 119 Resp: 9225
Ion Ratio Lower Upper
119 100
91 64.4 30.8 92.3
134 23.2 11.9 35.5

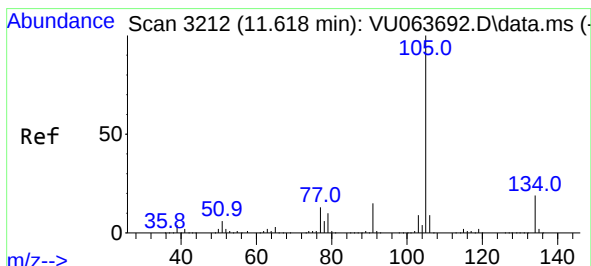
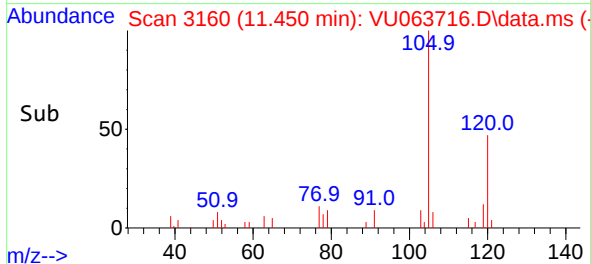
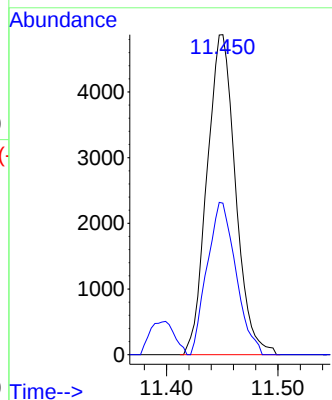
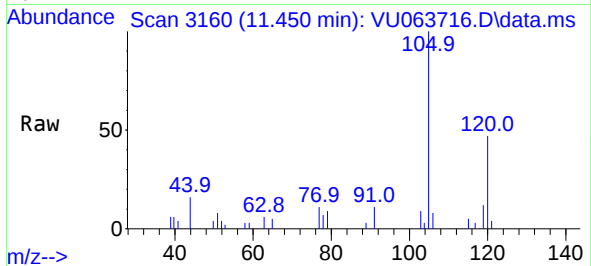




#84
1,2,4-Trimethylbenzene
Concen: 1.081 ug/l
RT: 11.450 min Scan# 3158
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

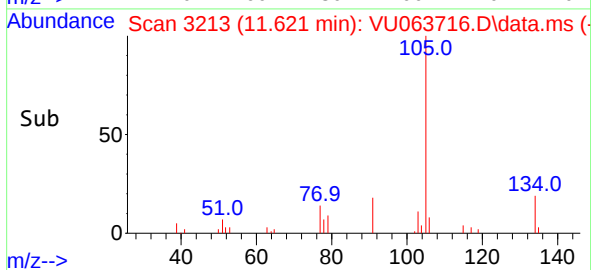
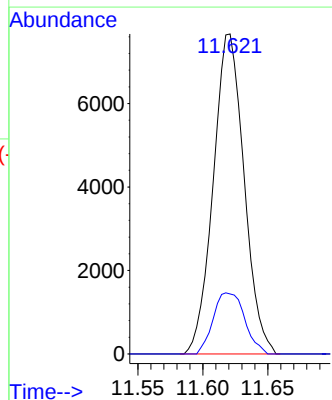
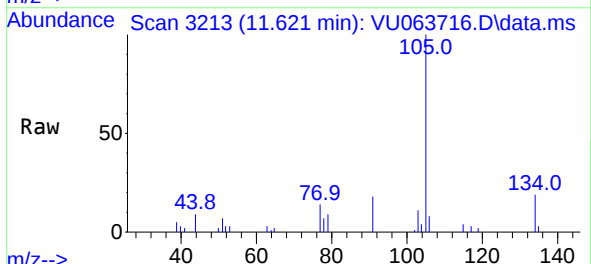
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

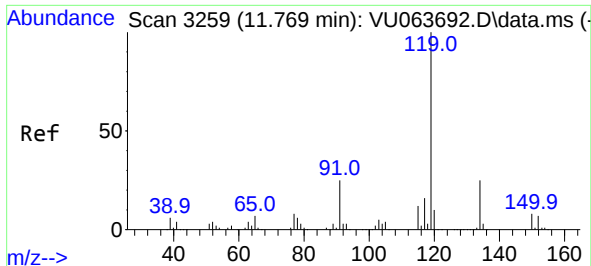
Tgt Ion:105 Resp: 8665
Ion Ratio Lower Upper
105 100
120 48.1 22.4 67.3



#85
sec-Butylbenzene
Concen: 1.178 ug/l
RT: 11.621 min Scan# 3213
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:105 Resp: 12652
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.4

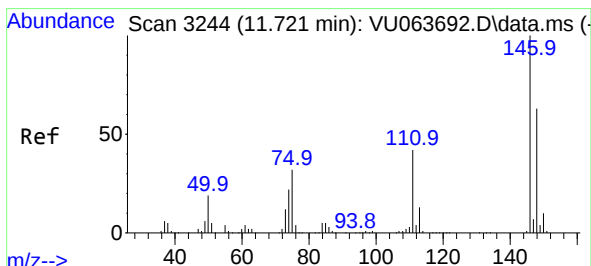
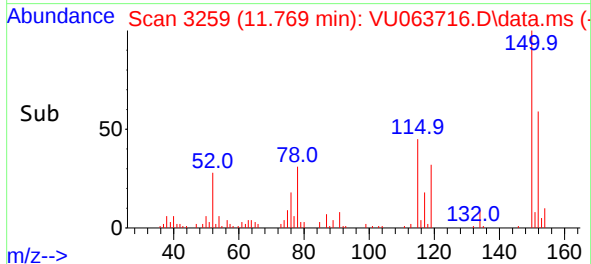
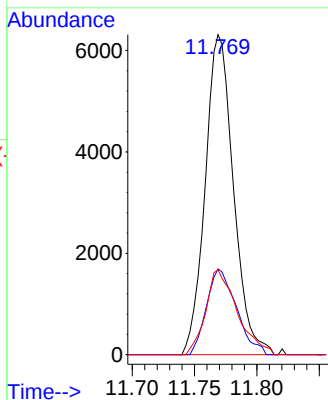
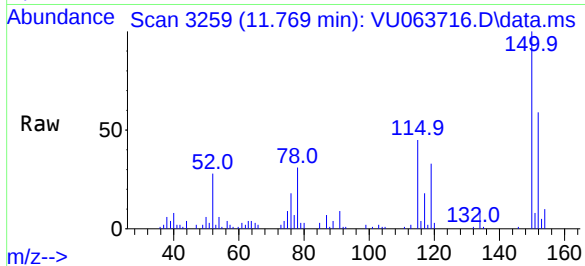




#86
p-Isopropyltoluene
Concen: 1.155 ug/l
RT: 11.769 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

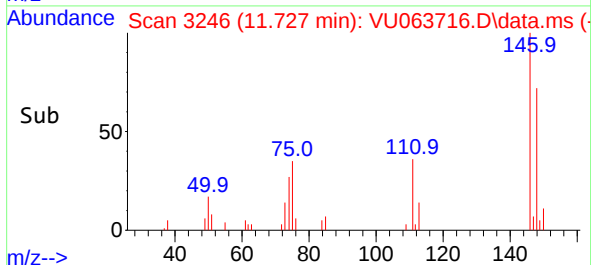
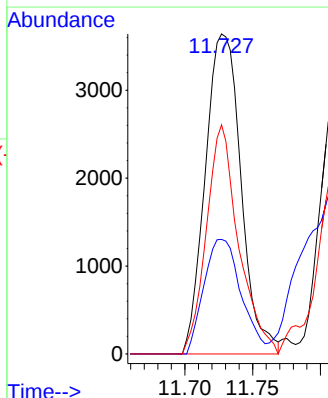
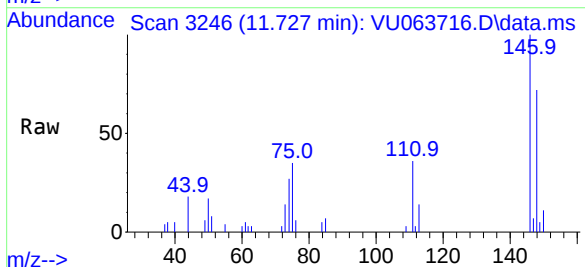
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

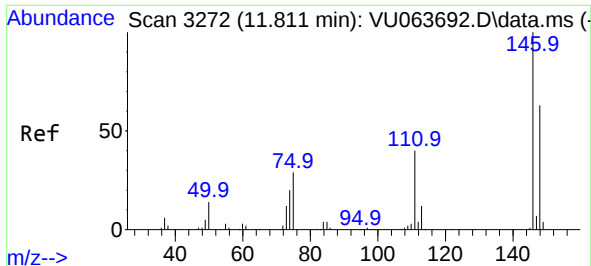
Tgt Ion:	119	Resp:	9966
Ion	Ratio	Lower	Upper
119	100		
134	28.2	12.6	37.6
91	29.5	12.6	37.8



#87
1,3-Dichlorobenzene
Concen: 1.452 ug/l
RT: 11.727 min Scan# 3246
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:	146	Resp:	6684
Ion	Ratio	Lower	Upper
146	100		
111	37.2	20.6	61.8
148	64.4	31.8	95.4

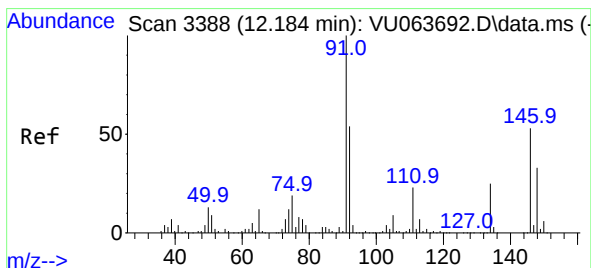
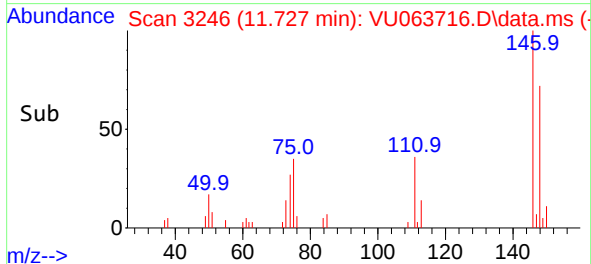
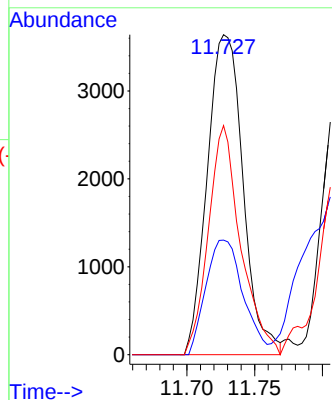
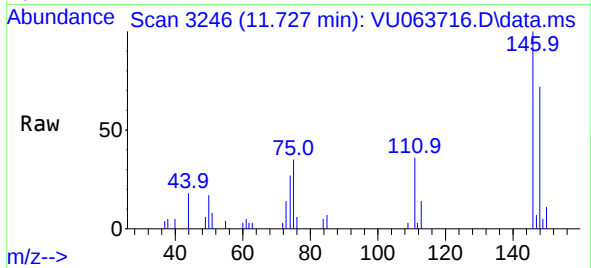




#88
1,4-Dichlorobenzene
Concen: 1.388 ug/l
RT: 11.727 min Scan# 31
Delta R.T. -0.084 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

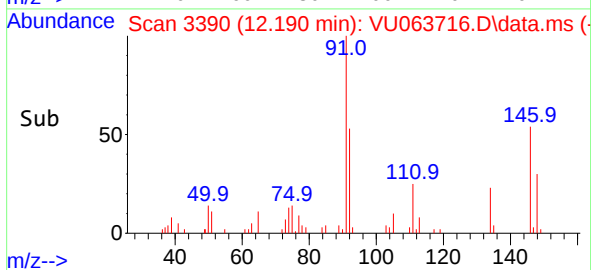
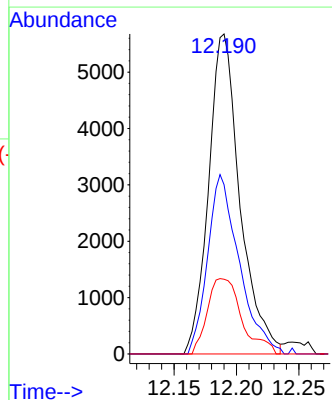
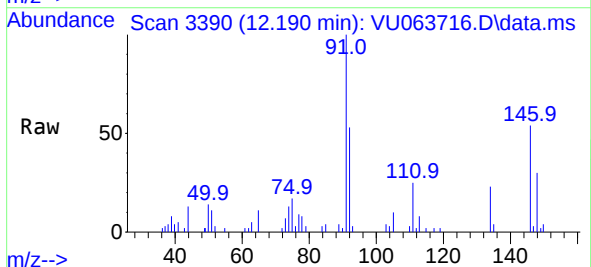
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

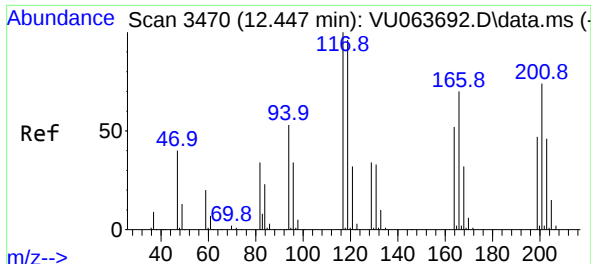
Tgt Ion:146 Resp: 6684
Ion Ratio Lower Upper
146 100
111 37.2 20.4 61.3
148 64.4 31.4 94.3



#89
n-Butylbenzene
Concen: 1.258 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 91 Resp: 9966
Ion Ratio Lower Upper
91 100
92 56.3 27.0 81.0
134 25.8 12.4 37.4

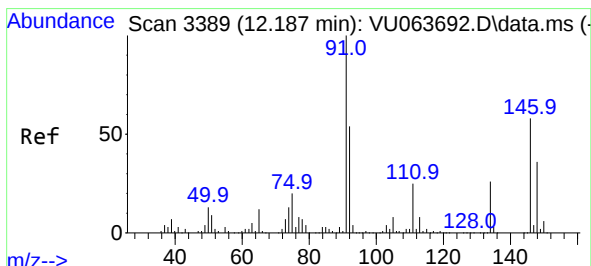
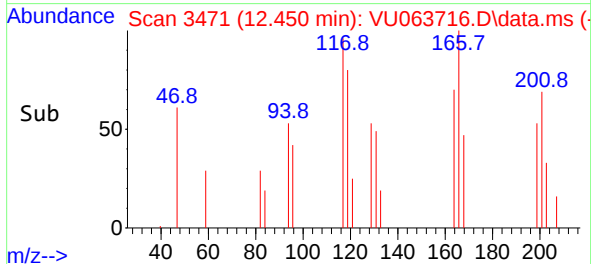
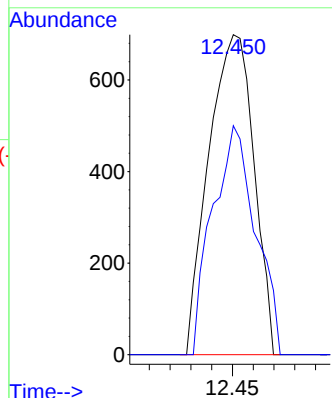
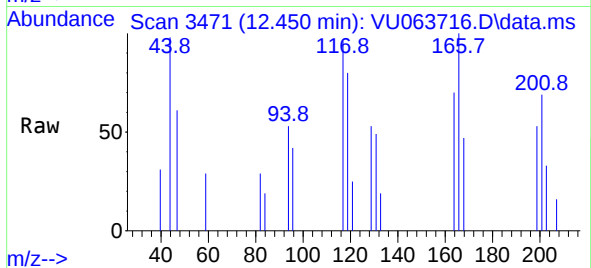




#90
Hexachloroethane
Concen: 0.803 ug/l
RT: 12.450 min Scan# 3470
Delta R.T. 0.003 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

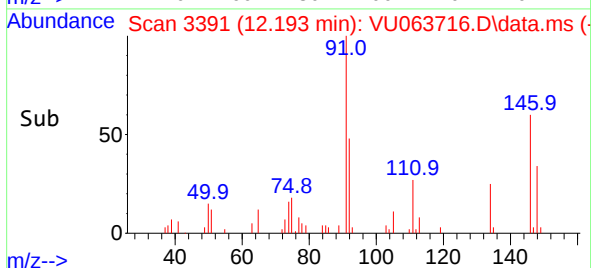
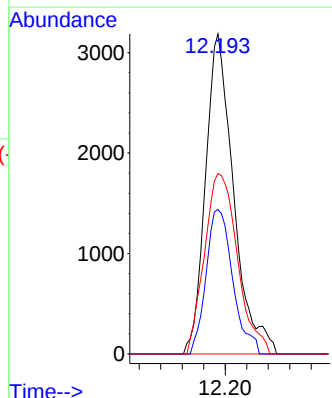
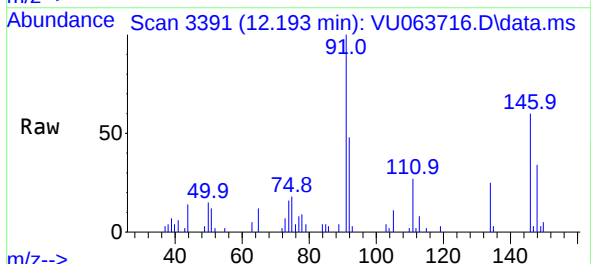
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

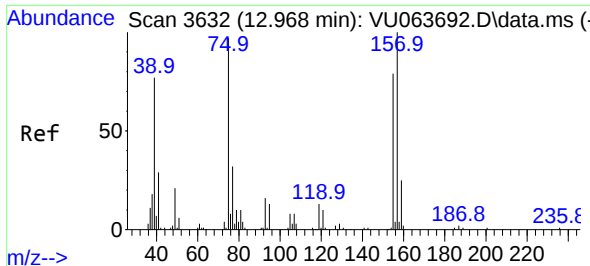
Tgt Ion:117 Resp: 1057
Ion Ratio Lower Upper
117 100
201 68.3 36.6 109.8



#91
1,2-Dichlorobenzene
Concen: 1.256 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.006 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:146 Resp: 5771
Ion Ratio Lower Upper
146 100
111 42.9 21.8 65.3
148 66.2 31.6 94.7

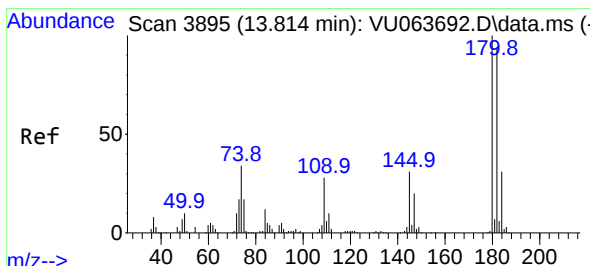
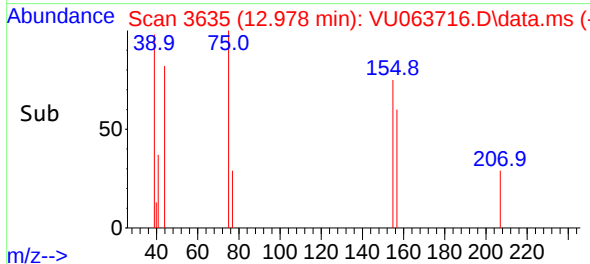
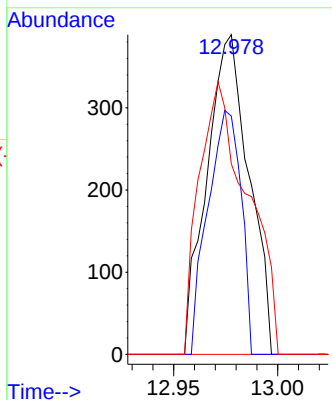
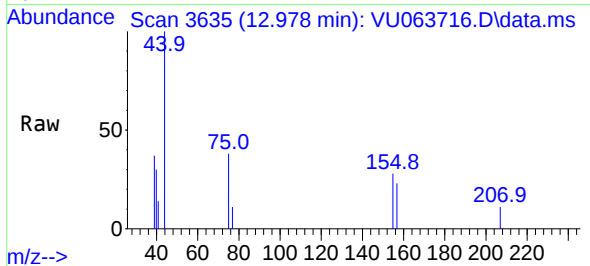




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.716 ug/l
RT: 12.978 min Scan# 3635
Delta R.T. 0.010 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

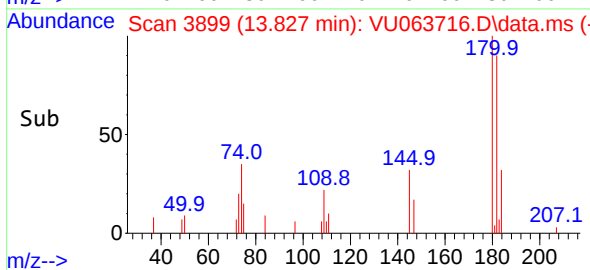
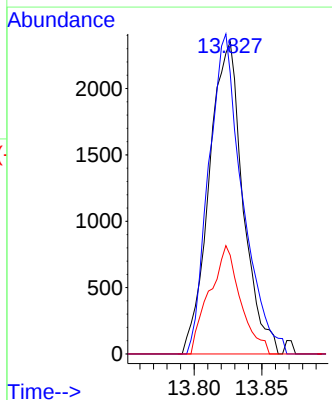
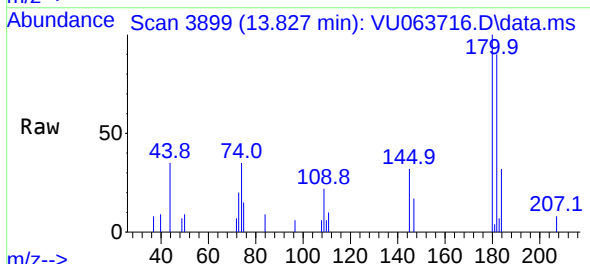
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

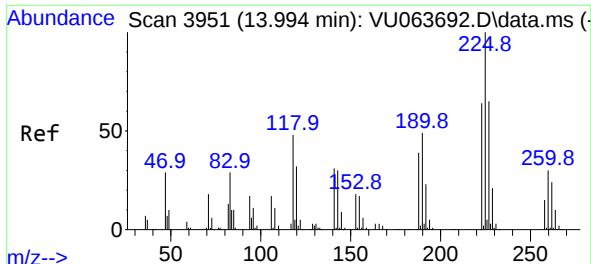
Tgt Ion: 75 Resp: 549
Ion Ratio Lower Upper
75 100
155 59.7 40.5 121.4
157 98.0 50.4 151.3



#93
1,2,4-Trichlorobenzene
Concen: 1.387 ug/l
RT: 13.827 min Scan# 3899
Delta R.T. 0.013 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

Tgt Ion:180 Resp: 4064
Ion Ratio Lower Upper
180 100
182 102.3 47.6 142.9
145 31.9 15.9 47.6

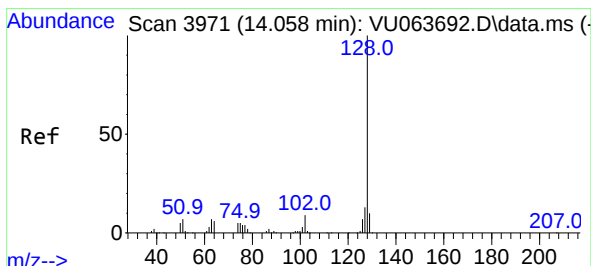
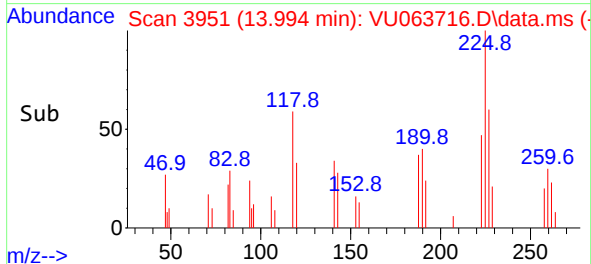
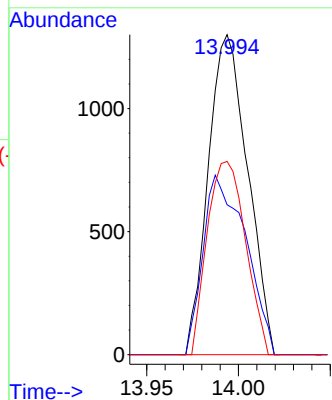
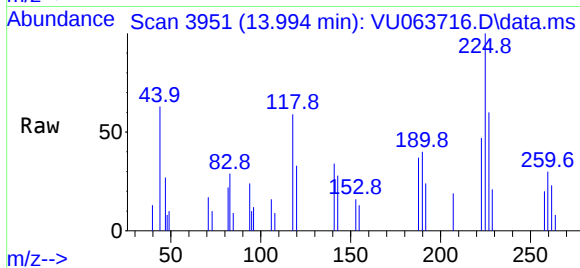




#94
Hexachlorobutadiene
Concen: 1.317 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

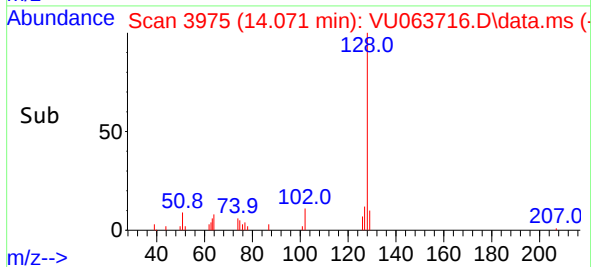
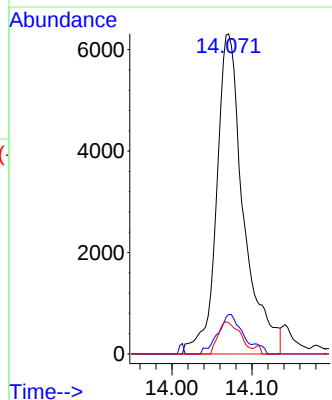
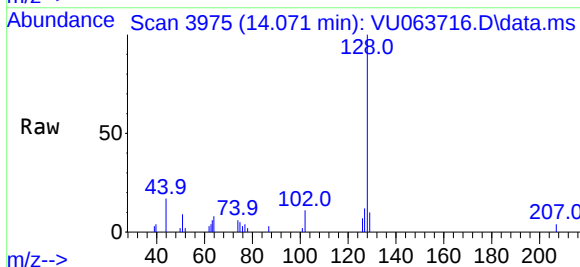
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

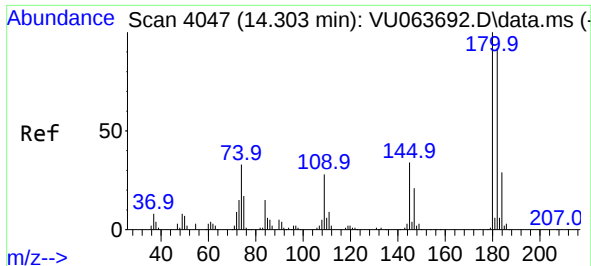
Tgt Ion:	225	Resp:	1944
Ion	Ratio	Lower	Upper
225	100		
223	60.6	31.6	94.8
227	58.6	32.4	97.0



#95
Naphthalene
Concen: 1.858 ug/l
RT: 14.071 min Scan# 3975
Delta R.T. 0.013 min
Lab File: VU063716.D
Acq: 12 Nov 2025 13:41

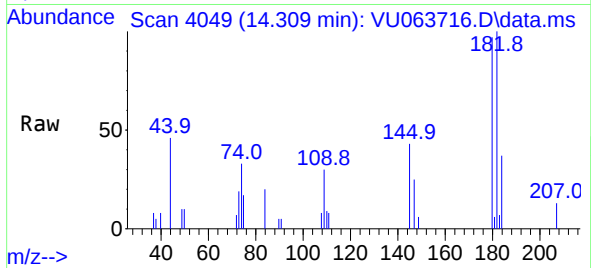
Tgt Ion:	128	Resp:	14751
Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.9	14.9
129	8.1	8.4	12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 1.448 ug/l
 RT: 14.309 min Scan# 4049
 Delta R.T. 0.006 min
 Lab File: VU063716.D
 Acq: 12 Nov 2025 13:41

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



Tgt Ion:	180	Resp:	3944
Ion	Ratio	Lower	Upper
180	100		
182	102.7	47.3	142.0
145	35.2	16.6	49.7

