

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063443.D
 Acq On : 24 Jun 2025 17:54
 Operator : MD/SY
 Sample : Q2126-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jun 25 03:11:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:09:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	45741	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	15334	0.913	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	16154	0.958	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	16733	0.952	ug/l	99
3) Chloromethane	1.518	50	19740	0.853	ug/l	97
4) Vinyl Chloride	1.599	62	16749	0.845	ug/l	99
5) Bromomethane	1.846	94	10279	1.083	ug/l	97
6) Chloroethane	1.923	64	9189	0.783	ug/l	92
7) Trichlorofluoromethane	2.126	101	20296	0.898	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	9656	0.802	ug/l #	89
9) 1,1-Dichloroethene	2.566	96	10420	0.868	ug/l	83
10) Iodomethane	2.708	142	7354	0.759	ug/l	91
11) Allyl Chloride	2.907	41	13831	0.646	ug/l	91
12) Acrylonitrile	3.309	53	4546	1.310	ug/l	84
13) Acetone	2.624	43	9067	2.605	ug/l	95
14) Carbon Disulfide	2.775	76	32561	0.777	ug/l	99
15) Methylene Chloride	3.026	84	12757	0.838	ug/l	88
16) trans-1,2-Dichloroethene	3.338	96	11391	0.843	ug/l	82
17) 1,1-Dichloroethane	3.849	63	20839	0.734	ug/l	97
18) 2-Butanone	4.724	43	12522	2.586	ug/l	95
19) Cyclohexane	5.357	56	18402	0.857	ug/l	96
20) Methylcyclohexane	6.746	83	16786	0.842	ug/l	91
21) 2,2-Dichloropropane	4.644	77	15563	0.772	ug/l	97
22) cis-1,2-Dichloroethene	4.647	96	12551	0.851	ug/l	86
23) Diethyl Ether	2.374	59	7654	0.706	ug/l	89
24) tert-Butyl Alcohol	3.206	59	9216	8.073	ug/l #	91
25) Methyl tert-Butyl Ether	3.361	73	26085	0.799	ug/l	100
26) Bromochloromethane	4.952	128	5279	0.919	ug/l	73
27) Chloroform	5.071	83	21766	0.818	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	20201	0.937	ug/l	96
29) 1,1-Dichloropropene	5.505	75	18784	0.953	ug/l	96
30) Carbon Tetrachloride	5.499	117	16094	0.934	ug/l	95
31) Isopropyl Ether	3.997	45	28262	0.638	ug/l	94
32) Ethyl-t-butyl ether	4.509	59	27230	0.725	ug/l	91
33) Tert-Amyl methyl ether	5.946	73	23980	0.892	ug/l	100
34) Propionitrile	4.785	54	4768	3.404	ug/l #	95
35) Benzene	5.756	78	54813	0.920	ug/l	98
36) 1,2-Dichloroethane	5.785	62	15868	0.911	ug/l	98
37) Trichloroethene	6.531	130	13550	0.962	ug/l	92
38) 1,2-Dichloropropane	6.782	63	15578	0.946	ug/l	94
39) Methacrylonitrile	4.978	41	3510	0.602	ug/l #	85
40) Methyl acrylate	4.856	55	4931	0.603	ug/l #	94
41) Tetrahydrofuran	5.062	42	4182	1.334	ug/l	96
42) 1-Chlorobutane	5.438	56	24046	0.860	ug/l	89
43) Dibromomethane	6.910	93	7281	0.947	ug/l	98
44) Bromodichloromethane	7.097	83	18149	0.969	ug/l	99

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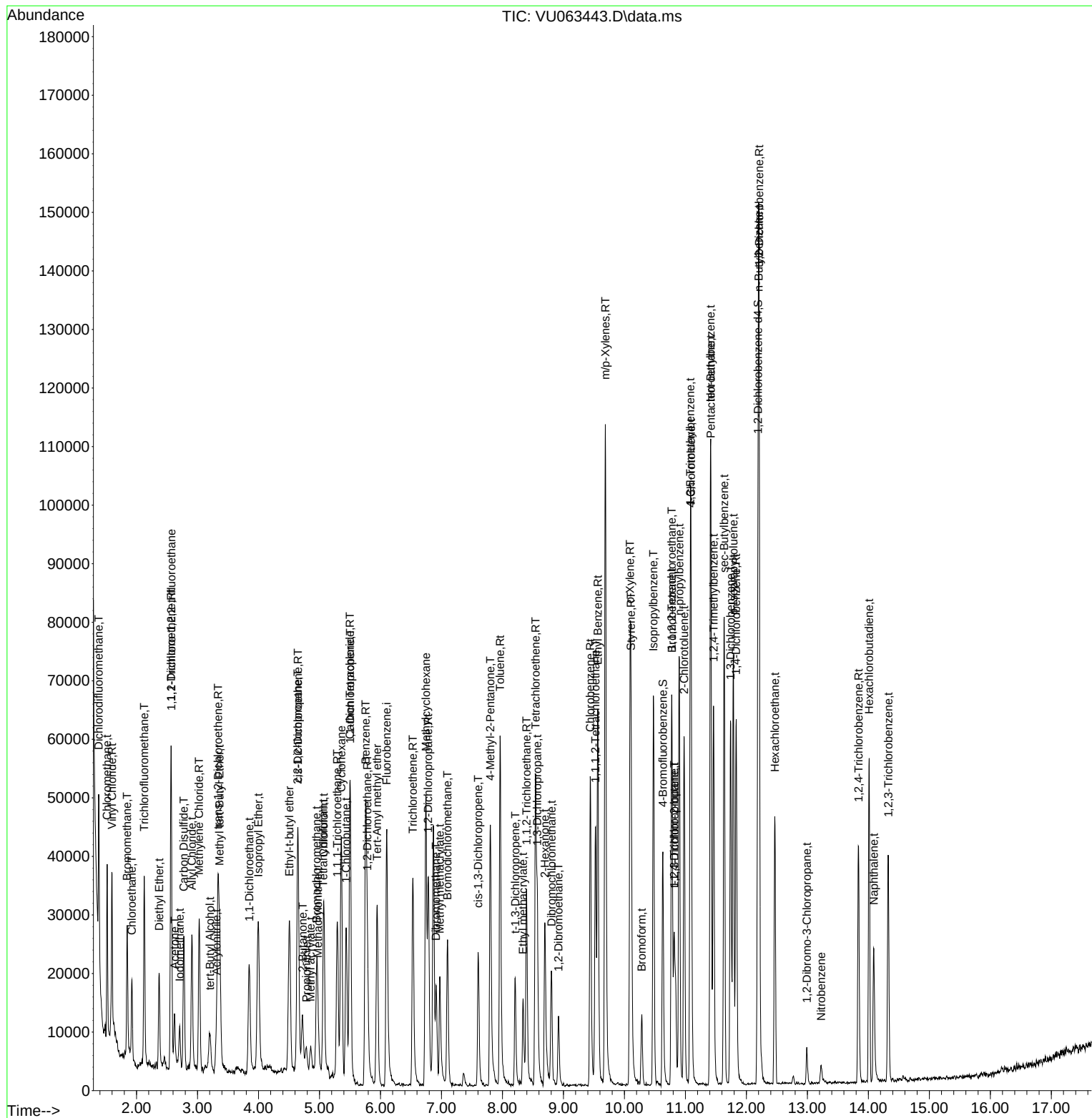
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	32961	3.993	ug/l	97
46) t-1,4-Dichloro-2-butene	10.817	75	14031	5.171	ug/l #	46
47) Methyl methacrylate	6.971	69	9503	1.595	ug/l	96
48) Ethyl methacrylate	8.338	69	8943	0.838	ug/l	92
49) Toluene	7.962	92	27693	0.846	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	11508	0.852	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	15687	0.865	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	10917	0.971	ug/l	96
53) 1,3-Dichloropropane	8.573	76	17963	0.929	ug/l	99
54) 2-Hexanone	8.695	43	22115	3.993	ug/l	92
55) Dibromochloromethane	8.804	129	10969	0.946	ug/l	98
56) 1,2-Dibromoethane	8.920	107	8529	0.936	ug/l	96
58) Tetrachloroethene	8.544	164	13084	0.947	ug/l	94
59) Chlorobenzene	9.441	112	31760	0.907	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.528	131	11906	0.944	ug/l	97
61) Pentachloroethane	11.418	117	10089	0.982	ug/l	99
62) Hexachloroethane	12.466	117	8907	0.964	ug/l	96
63) Ethyl Benzene	9.563	91	46492	0.828	ug/l	99
64) m/p-Xylenes	9.688	106	34191	1.560	ug/l	98
65) o-Xylene	10.094	106	17096	0.801	ug/l	100
66) Styrene	10.110	104	27287	0.785	ug/l	98
67) Bromoform	10.283	173	5679	0.896	ug/l	98
69) Isopropylbenzene	10.476	105	41384	0.837	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	14645	1.018	ug/l	95
71) 1,2,3-Trichloropropane	10.817	75	14031	1.195	ug/l #	90
72) Bromobenzene	10.778	156	13033	0.939	ug/l	98
73) n-propylbenzene	10.901	120	11722	0.782	ug/l	97
74) 2-Chlorotoluene	10.981	126	11473	0.837	ug/l	93
75) 1,3,5-Trimethylbenzene	11.081	105	35849	0.746	ug/l	98
76) 4-Chlorotoluene	11.093	126	12103	0.842	ug/l	89
77) tert-Butylbenzene	11.412	119	38574	0.849	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	35678	0.737	ug/l	98
79) sec-Butylbenzene	11.637	105	50387	0.783	ug/l	99
80) Nitrobenzene	13.225	77	3325	5.075	ug/l #	73
81) p-Isopropyltoluene	11.788	119	37827	0.752	ug/l	95
82) 1,3-Dichlorobenzene	11.743	146	27873	0.970	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	25746	0.863	ug/l	97
84) n-Butylbenzene	12.203	91	41719	0.792	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	25911	0.942	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.990	75	2098	1.061	ug/l	86
87) 1,2,4-Trichlorobenzene	13.839	180	13523	0.882	ug/l	99
88) Hexachlorobutadiene	14.013	225	10548	0.970	ug/l	92
89) Naphthalene	14.090	128	23149	0.906	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	13058	0.856	ug/l	98

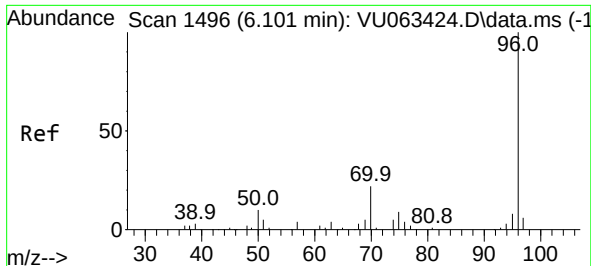
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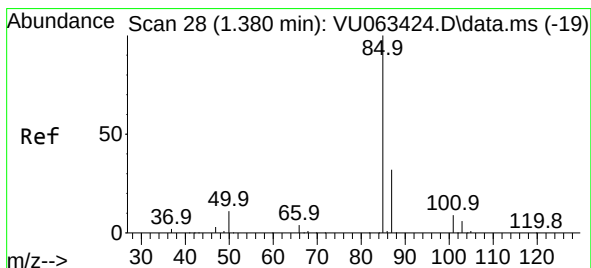
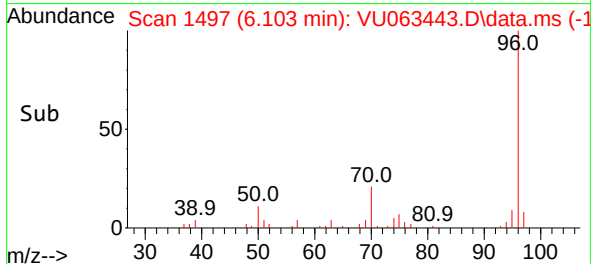
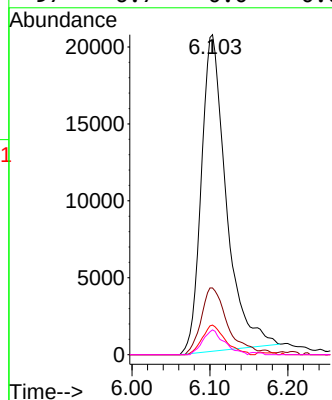
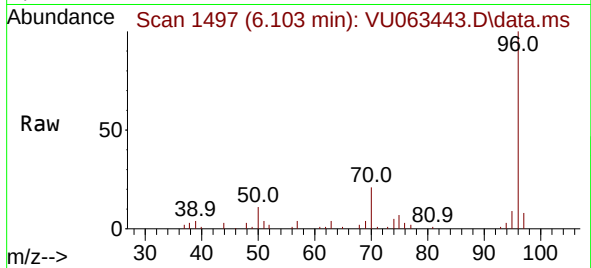




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 14
Delta R.T. 0.002 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

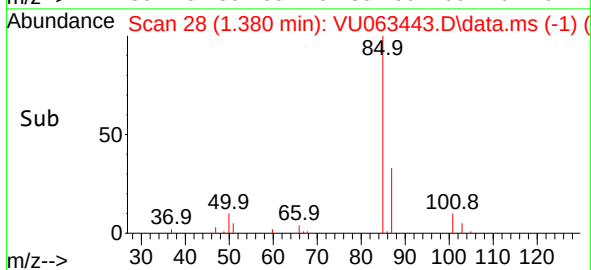
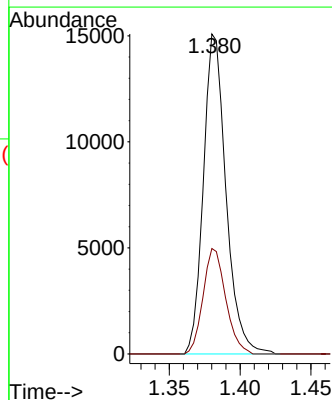
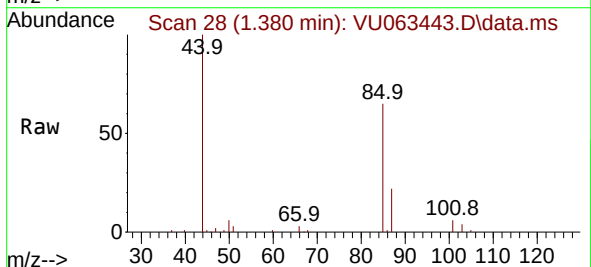
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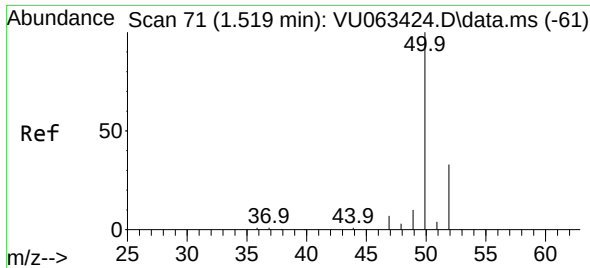
Tgt Ion: 96	Resp: 45741
Ion Ratio	Lower Upper
96 100	
70 20.6	16.4 24.6
95 8.7	6.2 9.2
97 6.7	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.952 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063443.D
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Tgt Ion: 85	Resp: 16733
Ion Ratio	Lower Upper
85 100	
87 32.9	16.2 48.5

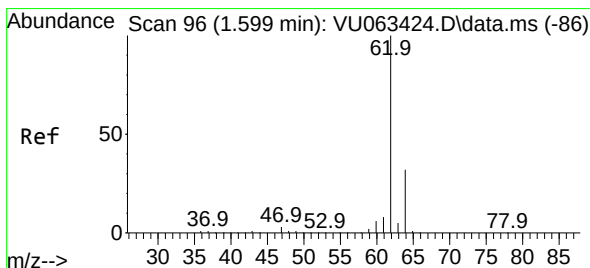
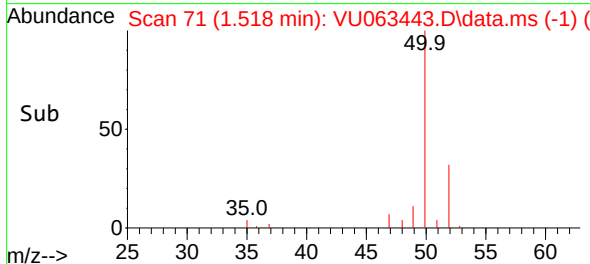
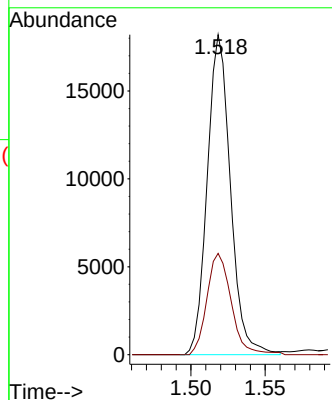
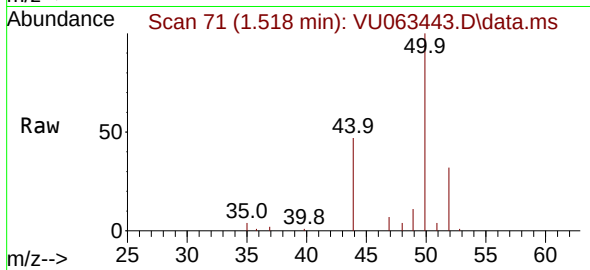




#3
Chloromethane
Concen: 0.853 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

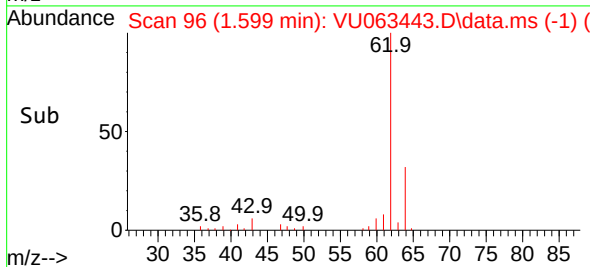
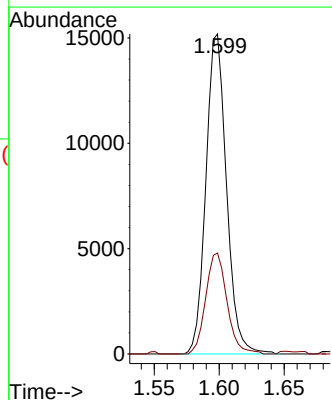
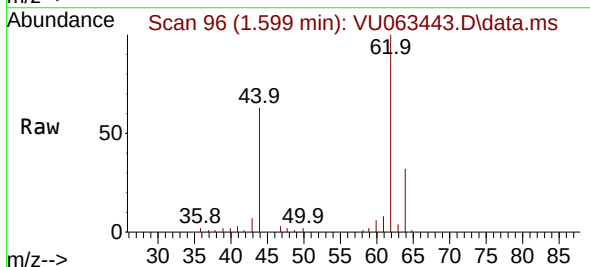
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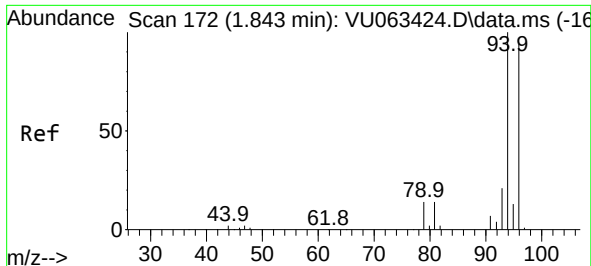
Tgt Ion: 50 Resp: 19740
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0



#4
Vinyl Chloride
Concen: 0.845 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 62 Resp: 16749
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5

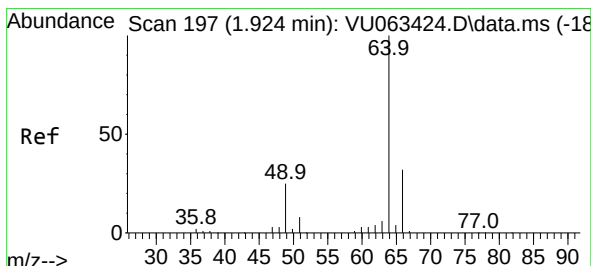
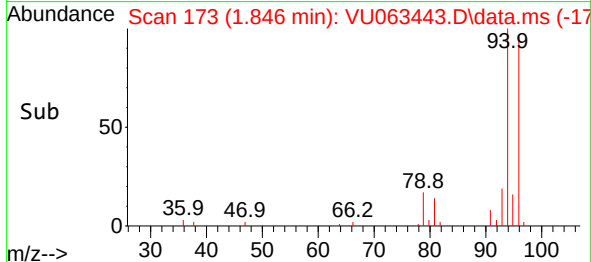
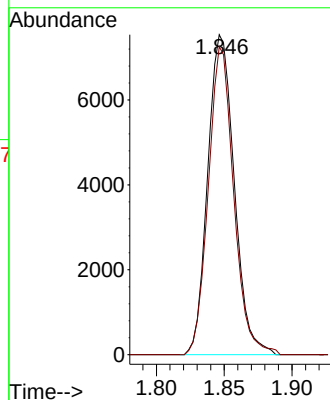
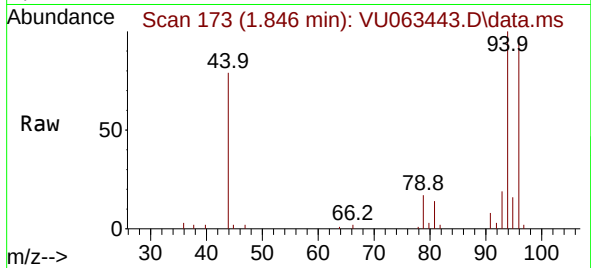




#5
Bromomethane
Concen: 1.083 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063443.D
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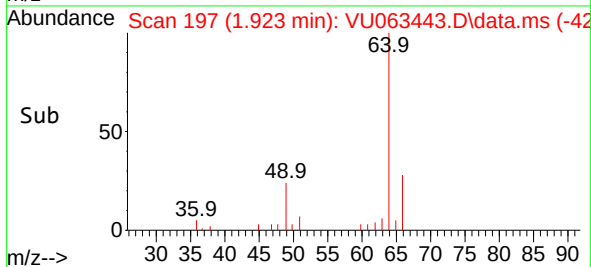
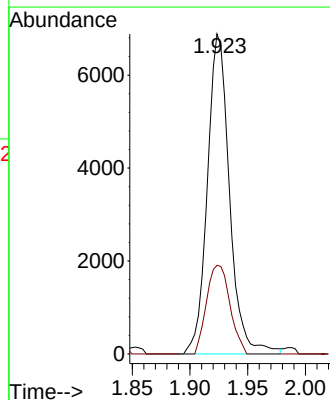
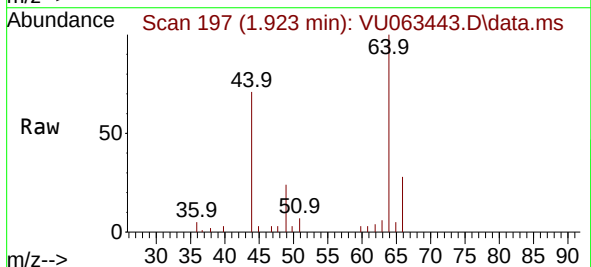
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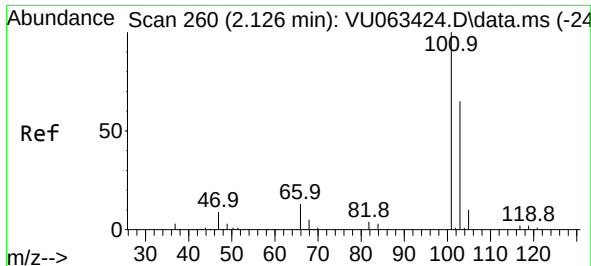
Tgt Ion: 94 Resp: 10279
Ion Ratio Lower Upper
94 100
96 96.2 74.8 112.2



#6
Chloroethane
Concen: 0.783 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 64 Resp: 9189
Ion Ratio Lower Upper
64 100
66 27.7 25.7 38.5

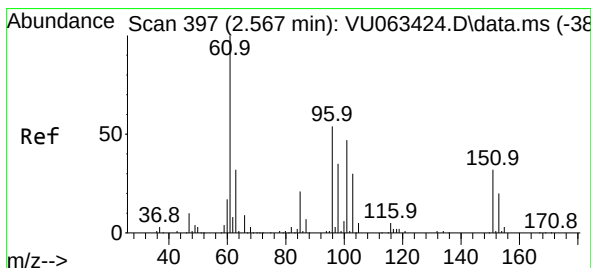
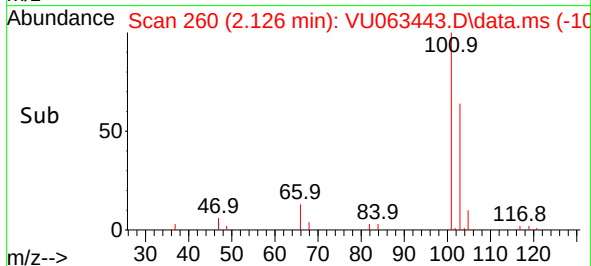
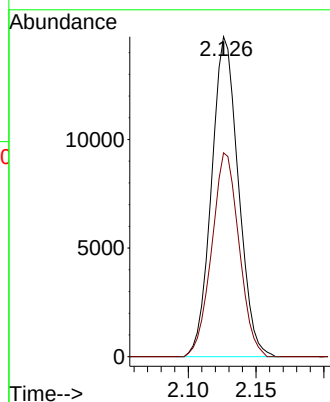
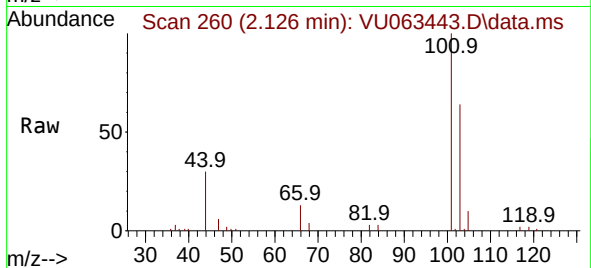




#7
 Trichlorofluoromethane
 Concen: 0.898 ug/l
 RT: 2.126 min Scan# 20296
 Delta R.T. -0.000 min
 Lab File: VU063443.D
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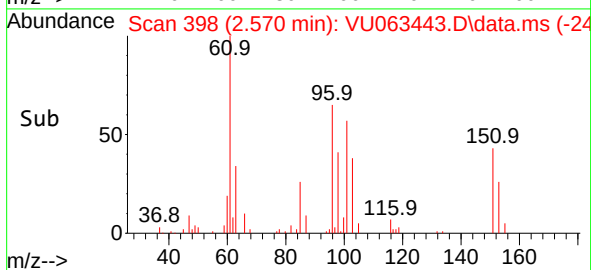
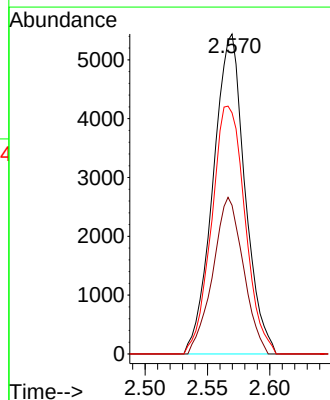
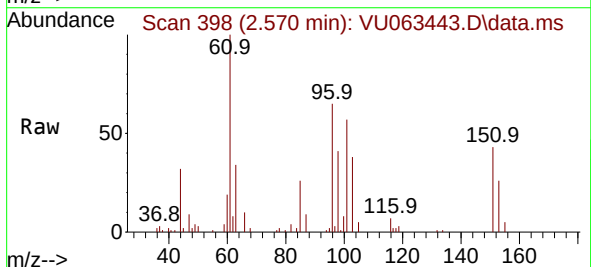
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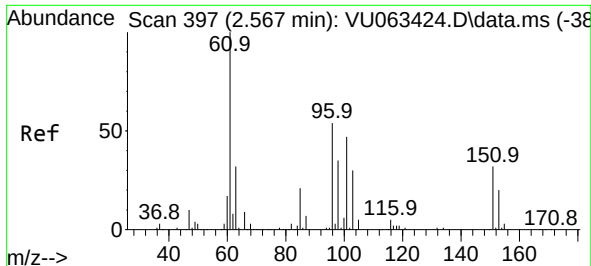
Tgt Ion:101 Resp: 20296
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.802 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063443.D
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Tgt Ion:101 Resp: 9656
 Ion Ratio Lower Upper
 101 100
 85 46.9 36.7 55.1
 151 81.2 53.9 80.9#

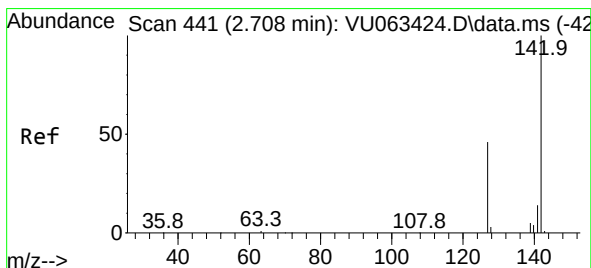
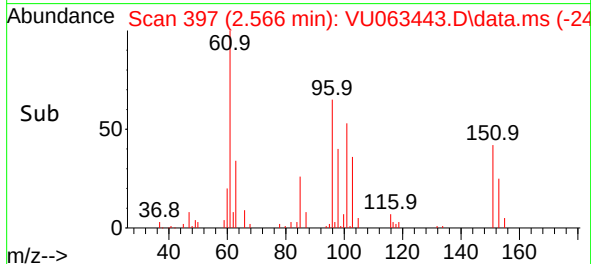
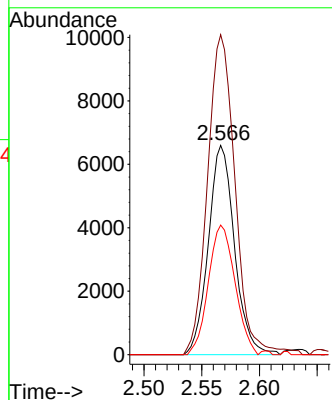
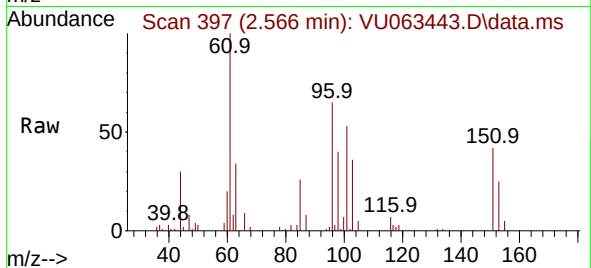




#9
1,1-Dichloroethene
Concen: 0.868 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063443.D
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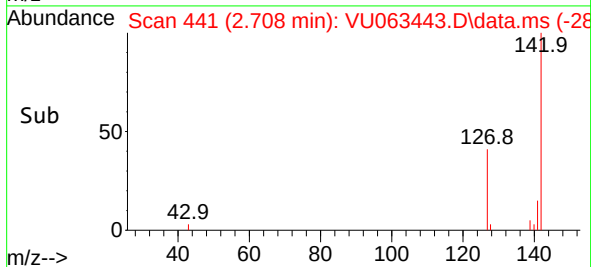
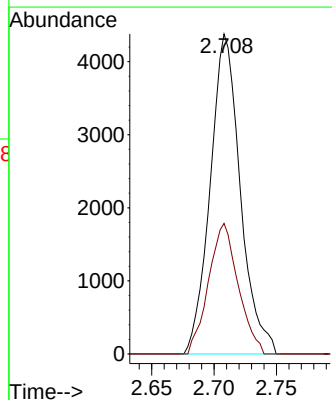
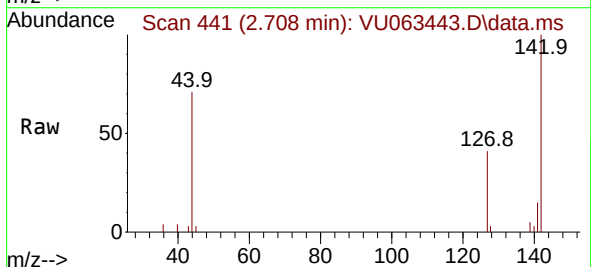
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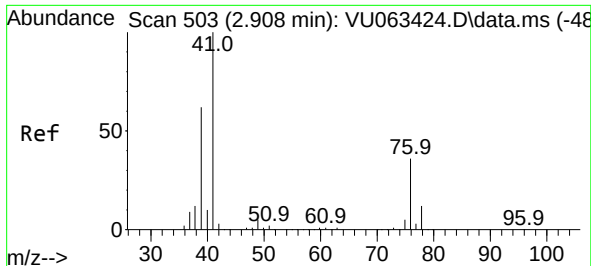
Tgt Ion: 96 Resp: 10420
Ion Ratio Lower Upper
96 100
61 152.8 0.0 552.0
98 61.9 0.0 128.4



#10
Iodomethane
Concen: 0.759 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 142 Resp: 7354
Ion Ratio Lower Upper
142 100
127 40.2 36.9 55.3





#11

Allyl Chloride

Concen: 0.646 ug/l

RT: 2.907 min Scan# 503

Delta R.T. -0.001 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

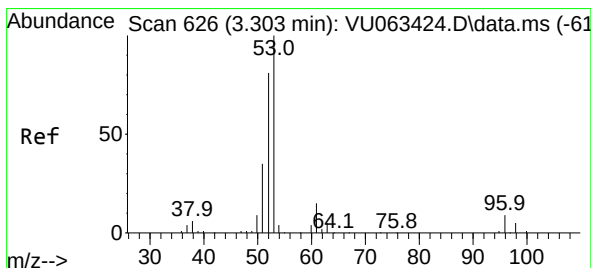
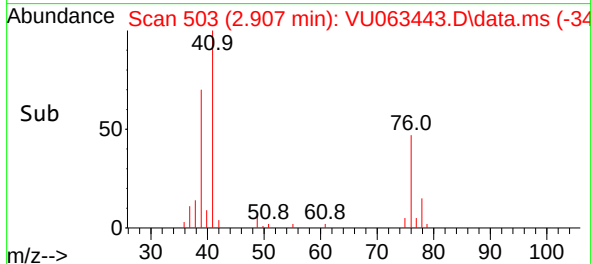
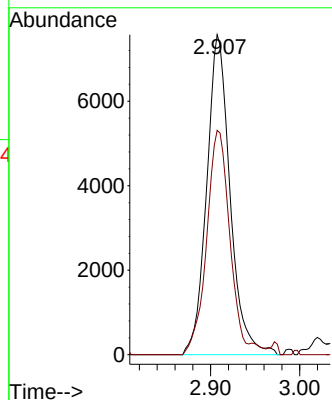
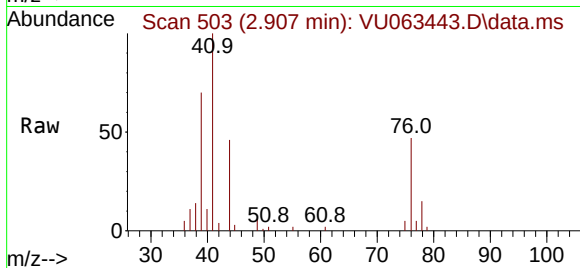
LOQ-WATER-02-QT2-2025

Tgt Ion: 41 Resp: 13831

Ion Ratio Lower Upper

41 100

39 70.2 50.3 75.5



#12

Acrylonitrile

Concen: 1.310 ug/l

RT: 3.309 min Scan# 628

Delta R.T. 0.006 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

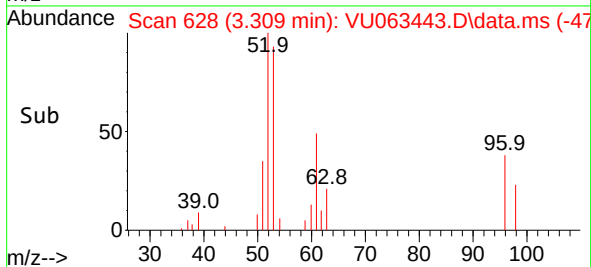
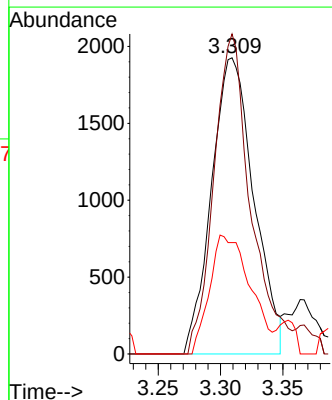
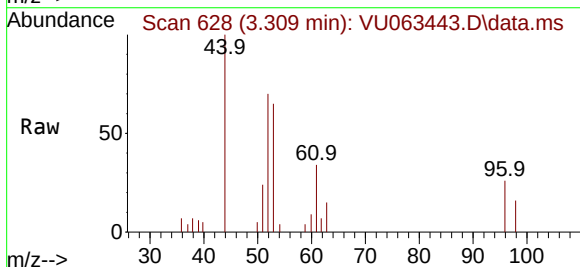
Tgt Ion: 53 Resp: 4546

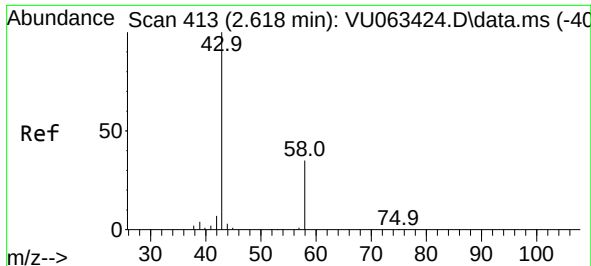
Ion Ratio Lower Upper

53 100

52 94.1 62.8 94.2

51 38.7 26.2 39.4





#13

Acetone

Concen: 2.605 ug/l

RT: 2.624 min Scan# 413

Delta R.T. 0.006 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

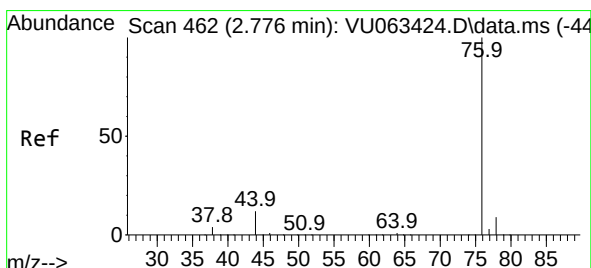
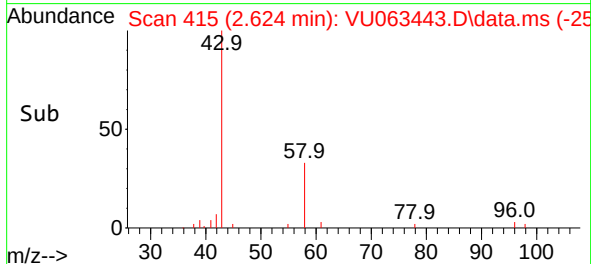
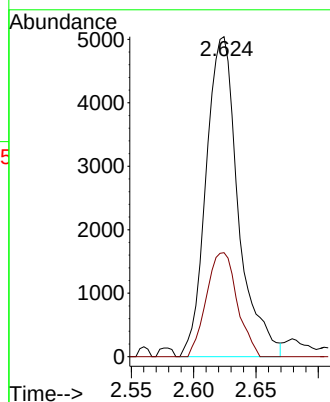
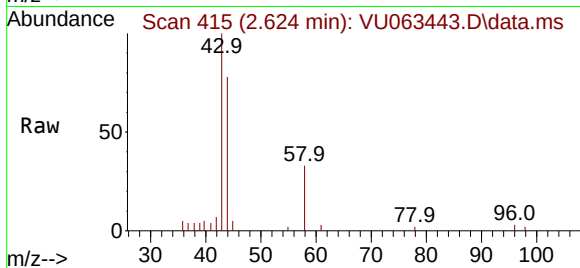
LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 9067

Ion Ratio Lower Upper

43 100

58 32.5 28.3 42.5



#14

Carbon Disulfide

Concen: 0.777 ug/l

RT: 2.775 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063443.D

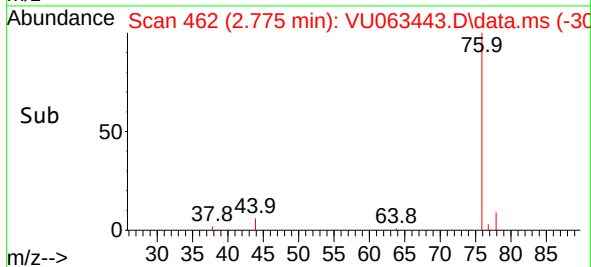
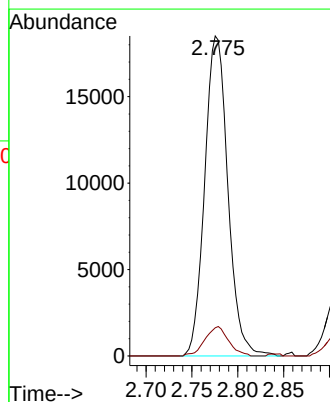
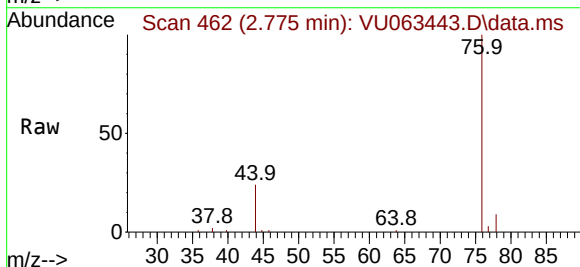
Acq: 24 Jun 2025 17:54

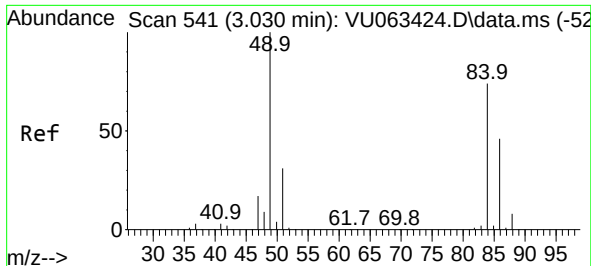
Tgt Ion: 76 Resp: 32561

Ion Ratio Lower Upper

76 100

78 8.8 6.9 10.3

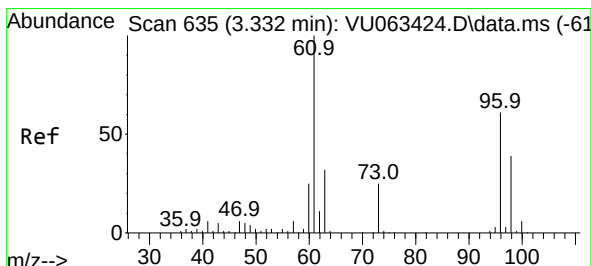
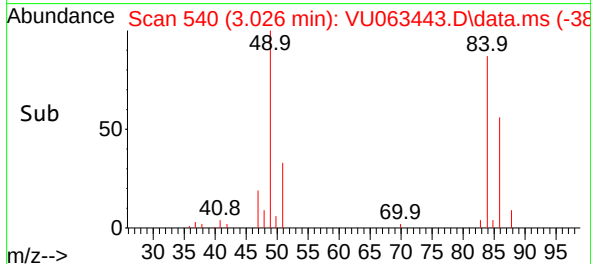
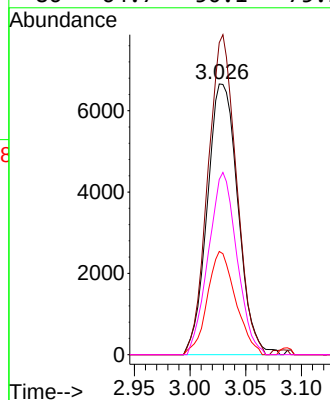
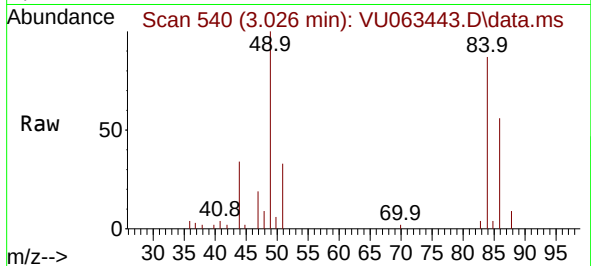




#15
Methylene Chloride
Concen: 0.838 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.004 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

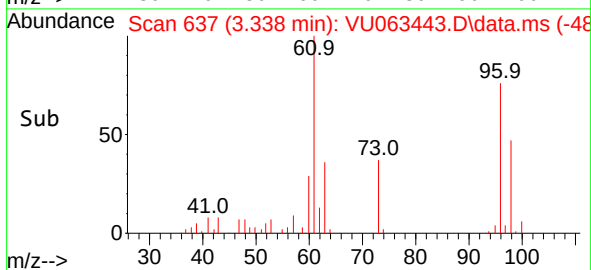
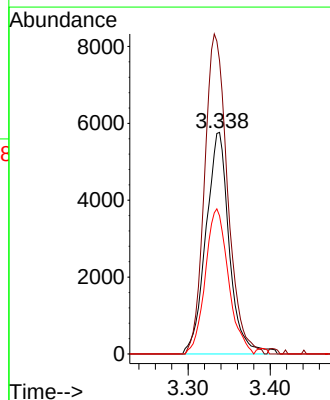
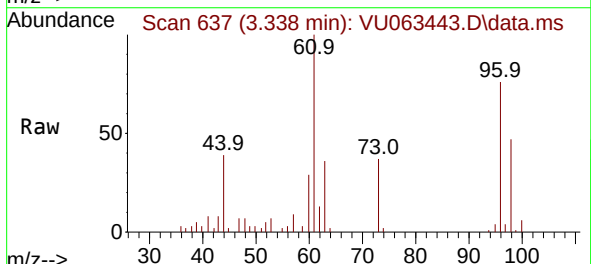
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

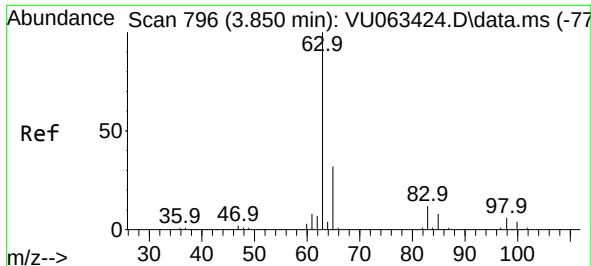
Tgt Ion:	84	Resp:	12757
Ion	Ratio	Lower	Upper
84	100		
49	115.3	108.7	163.1
51	36.4	0.0	83.8
86	64.7	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 0.843 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:	96	Resp:	11391
Ion	Ratio	Lower	Upper
96	100		
61	132.3	132.1	198.1
98	62.3	51.0	76.4

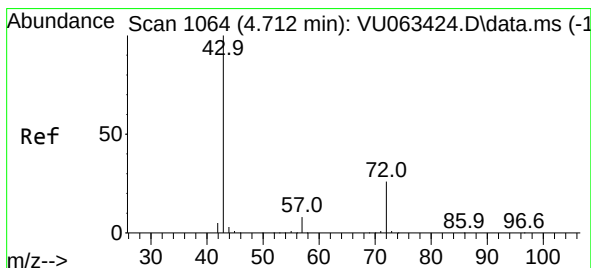
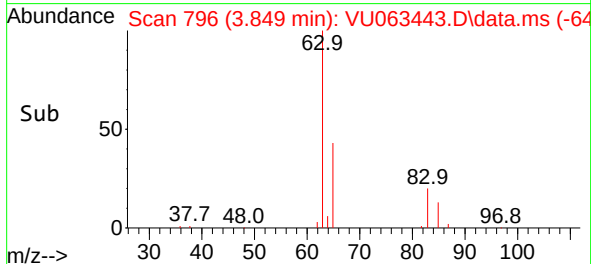
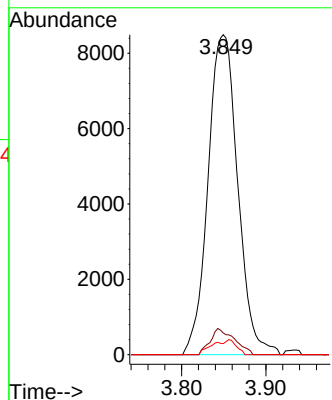
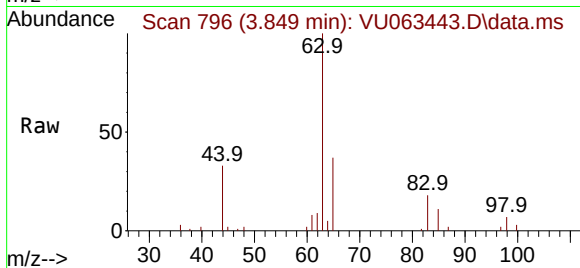




#17
 1,1-Dichloroethane
 Concen: 0.734 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

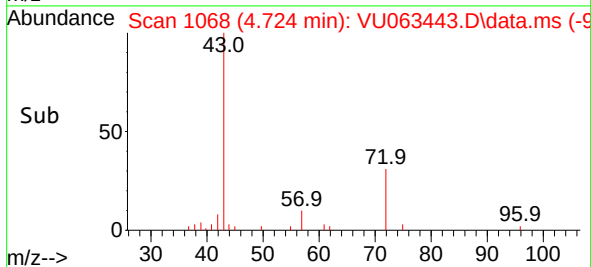
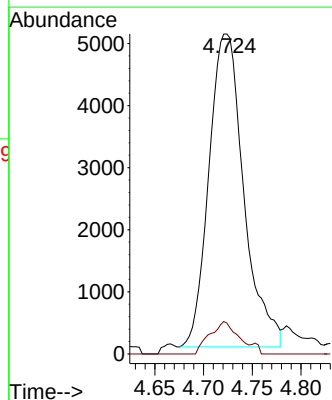
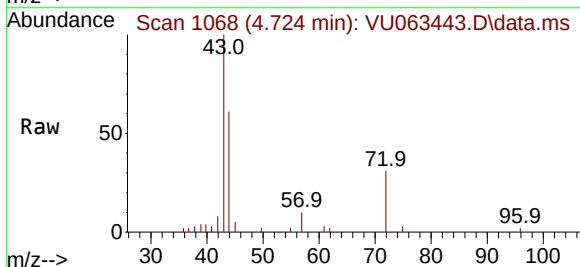
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

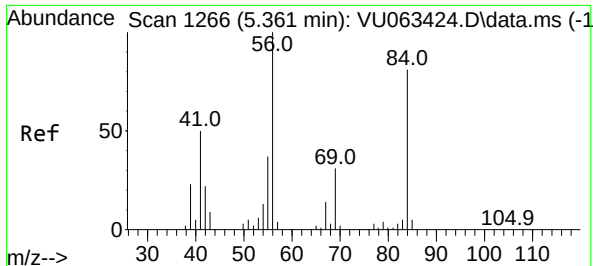
Tgt Ion: 63 Resp: 20839
 Ion Ratio Lower Upper
 63 100
 98 6.8 2.8 8.4
 100 3.5 1.9 5.7



#18
 2-Butanone
 Concen: 2.586 ug/l
 RT: 4.724 min Scan# 1068
 Delta R.T. 0.012 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

Tgt Ion: 43 Resp: 12522
 Ion Ratio Lower Upper
 43 100
 57 9.9 0.0 16.0





#19

Cyclohexane

Concen: 0.857 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.004 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

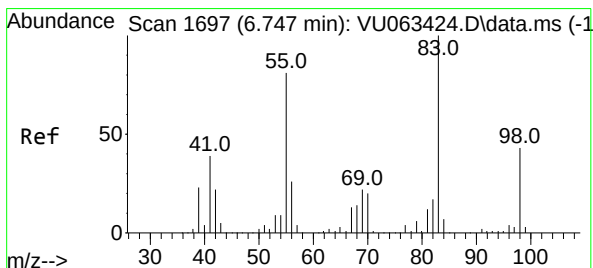
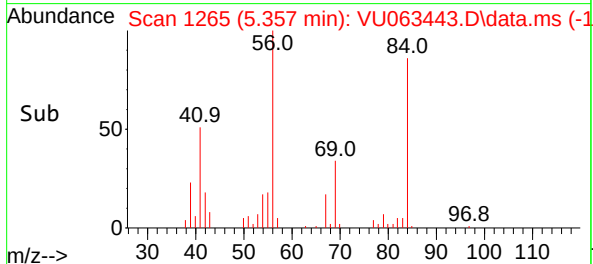
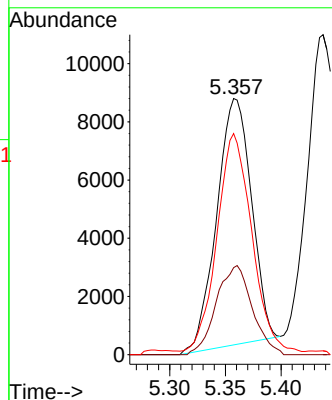
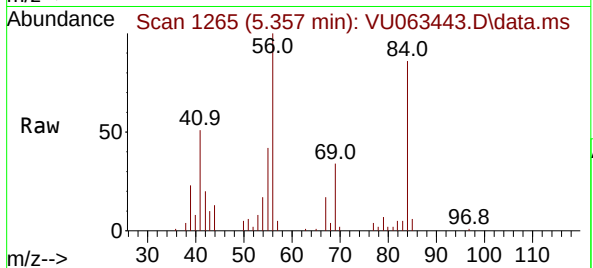
Tgt Ion: 56 Resp: 18402

Ion Ratio Lower Upper

56 100

69 37.3 26.4 39.6

84 87.6 68.6 102.8



#20

Methylcyclohexane

Concen: 0.842 ug/l

RT: 6.746 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

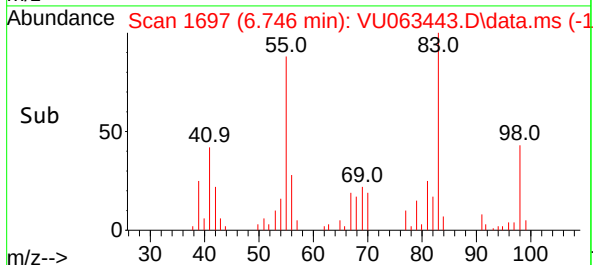
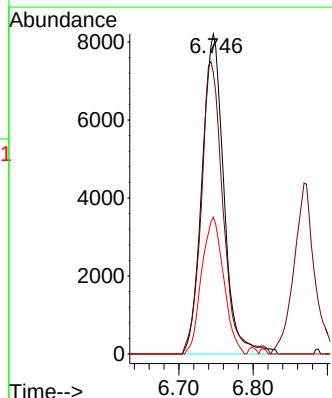
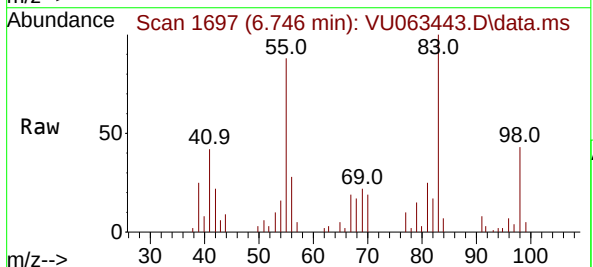
Tgt Ion: 83 Resp: 16786

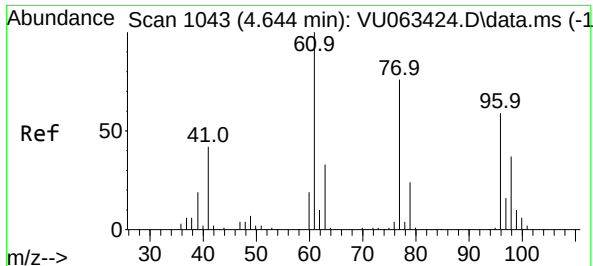
Ion Ratio Lower Upper

83 100

55 90.8 63.5 95.3

98 43.1 34.2 51.4





#21

2,2-Dichloropropane

Concen: 0.772 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

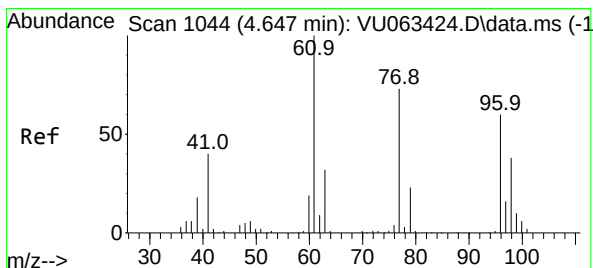
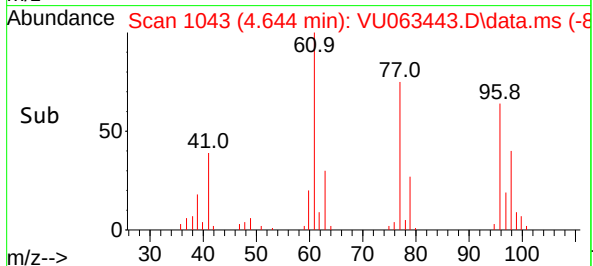
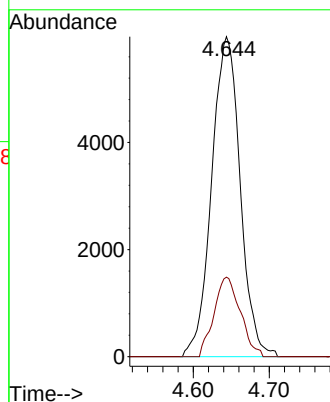
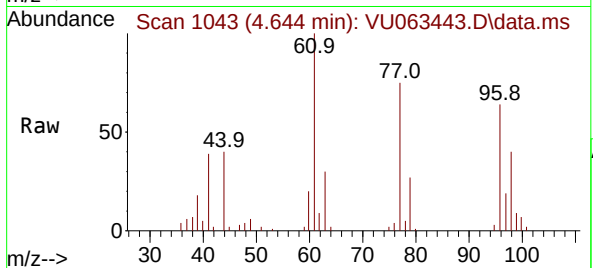
LOQ-WATER-02-QT2-2025

Tgt Ion: 77 Resp: 15563

Ion Ratio Lower Upper

77 100

97 22.9 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 0.851 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

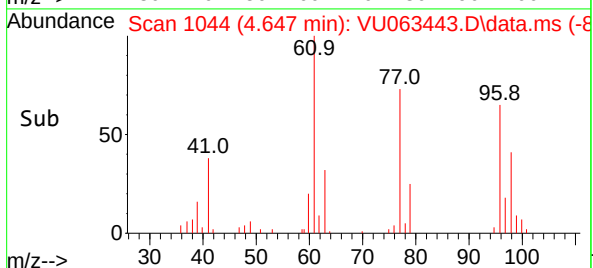
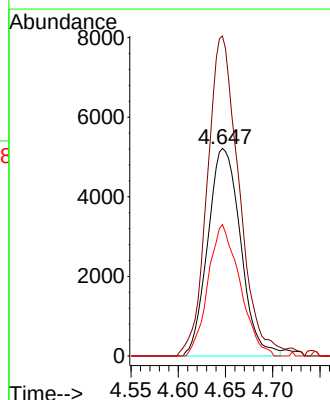
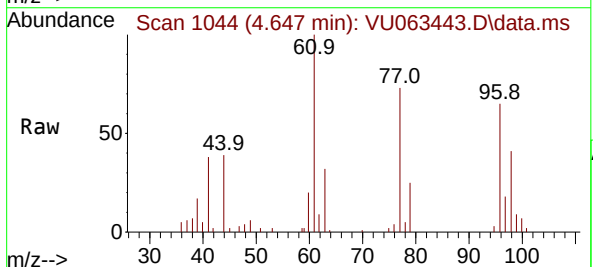
Tgt Ion: 96 Resp: 12551

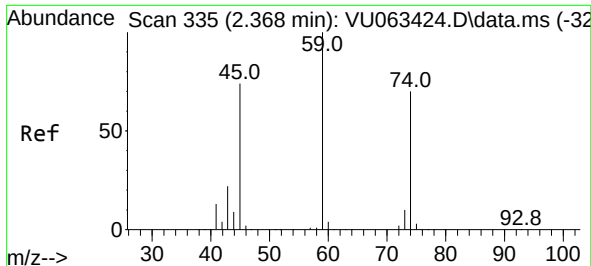
Ion Ratio Lower Upper

96 100

61 149.6 0.0 434.3

98 61.5 31.9 95.7

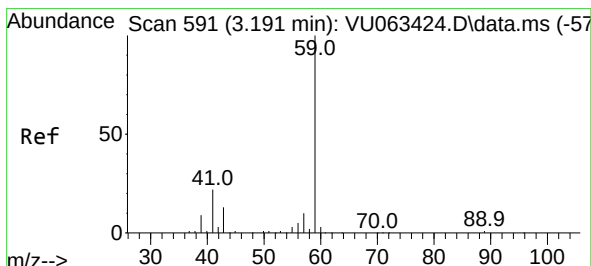
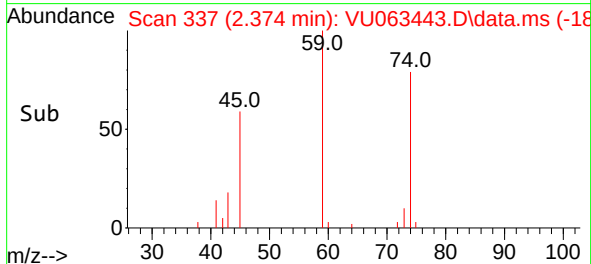
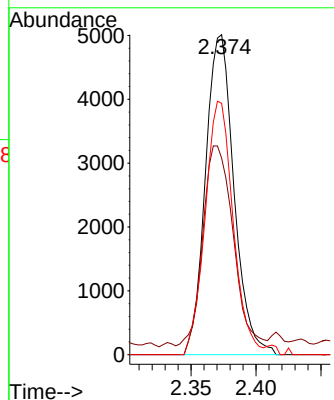
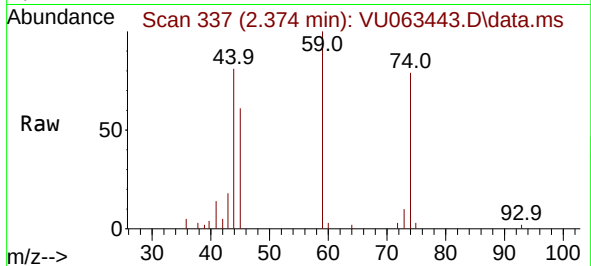




#23
Diethyl Ether
Concen: 0.706 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

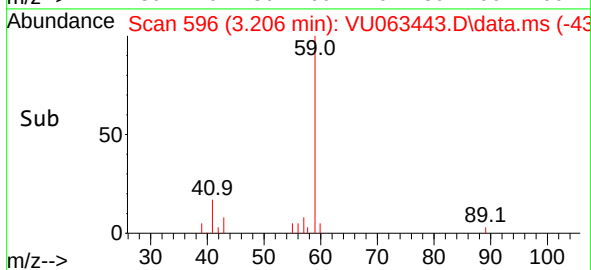
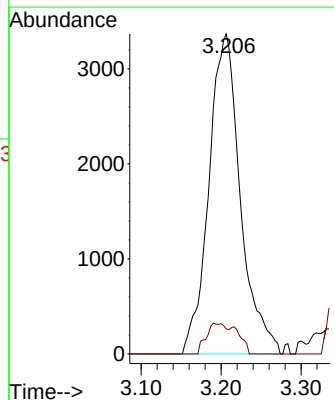
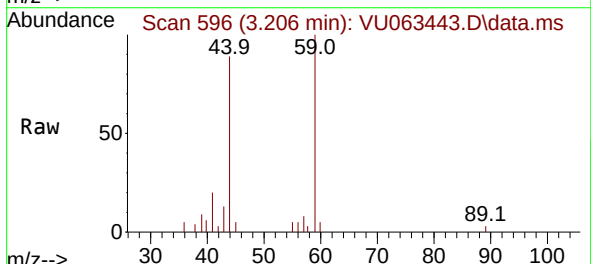
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

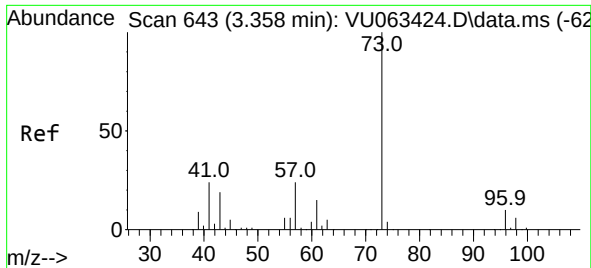
Tgt Ion: 59 Resp: 7654
Ion Ratio Lower Upper
59 100
45 65.5 60.7 91.1
74 77.9 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 8.073 ug/l
RT: 3.206 min Scan# 596
Delta R.T. 0.016 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 59 Resp: 9216
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.8#

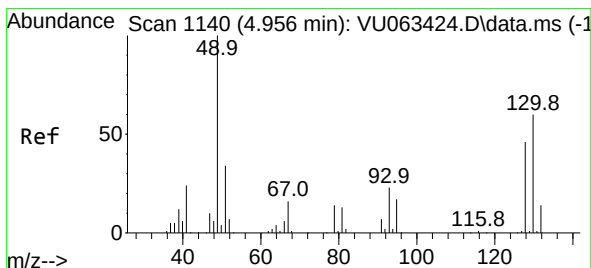
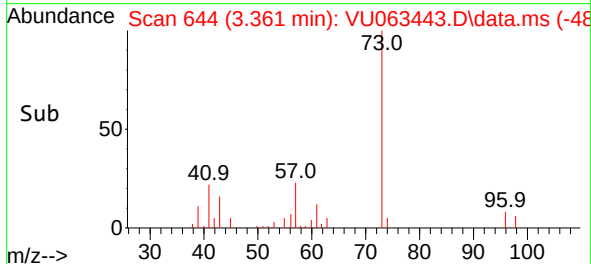
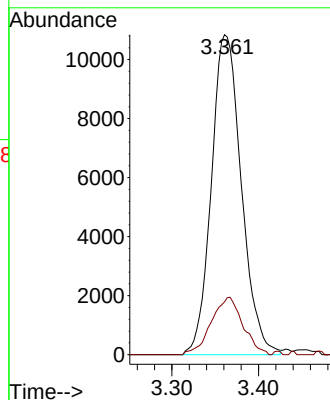
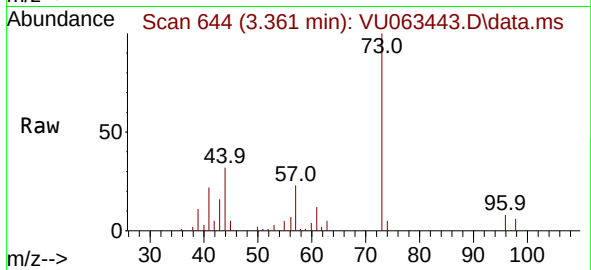




#25
Methyl tert-Butyl Ether
Concen: 0.799 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

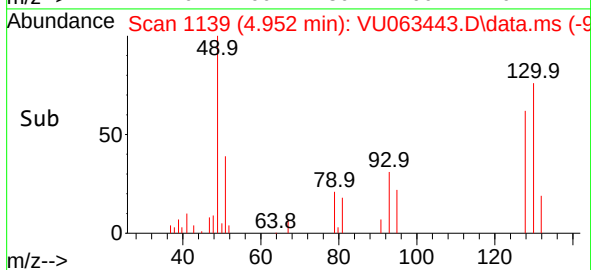
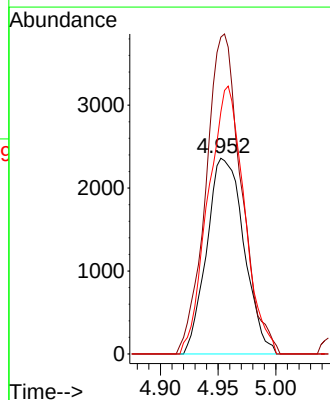
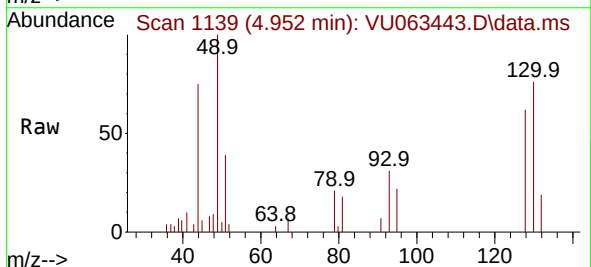
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

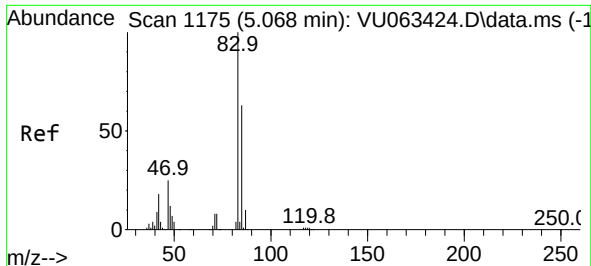
Tgt Ion: 73 Resp: 26085
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7



#26
Bromochloromethane
Concen: 0.919 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.004 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 128 Resp: 5279
Ion Ratio Lower Upper
128 100
49 155.7 0.0 441.2
130 133.5 102.3 153.5





#27

Chloroform

Concen: 0.818 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

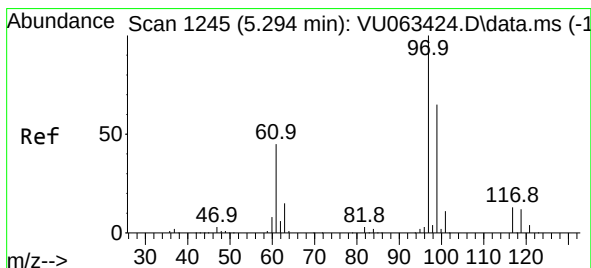
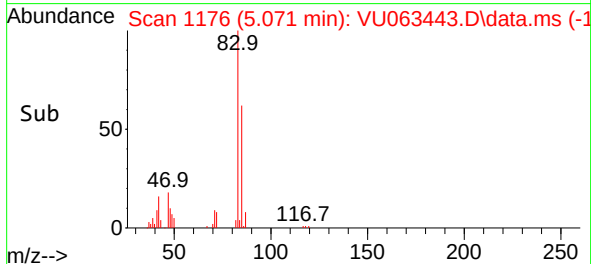
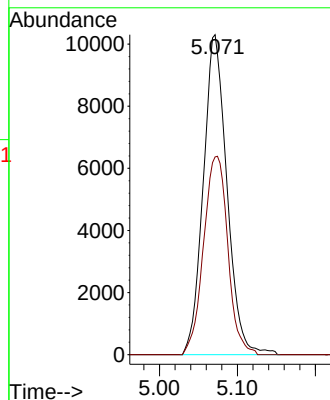
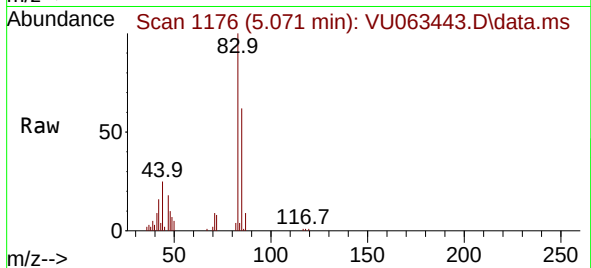
LOQ-WATER-02-QT2-2025

Tgt Ion: 83 Resp: 21766

Ion Ratio Lower Upper

83 100

85 61.8 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 0.937 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

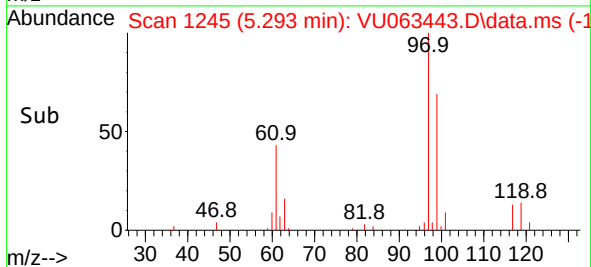
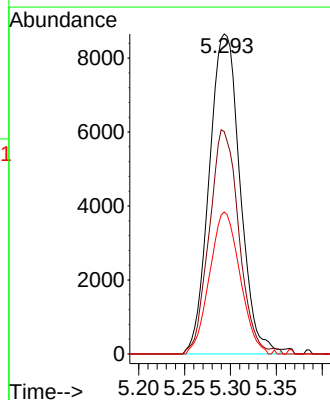
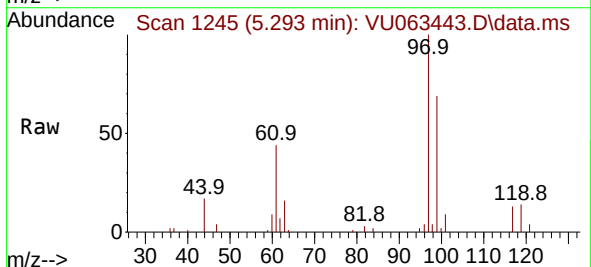
Tgt Ion: 97 Resp: 20201

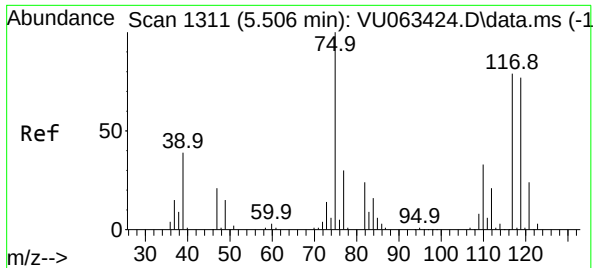
Ion Ratio Lower Upper

97 100

99 67.0 31.9 95.5

61 43.8 22.9 68.7





#29

1,1-Dichloropropene

Concen: 0.953 ug/l

RT: 5.505 min Scan# 11

Delta R.T. -0.001 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

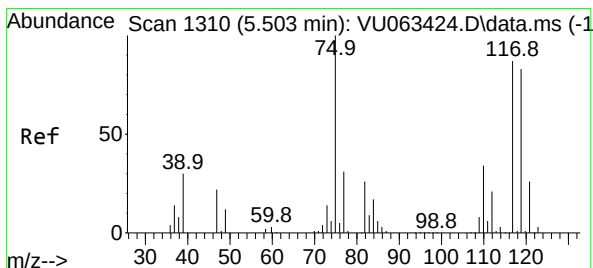
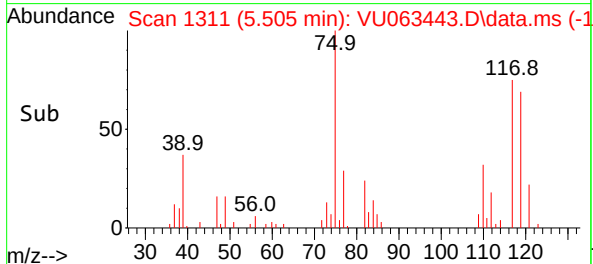
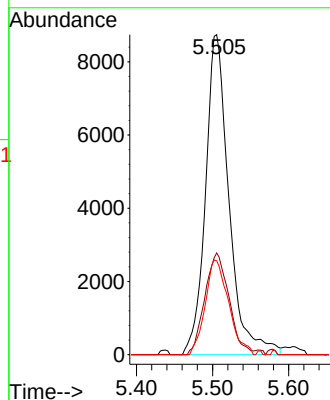
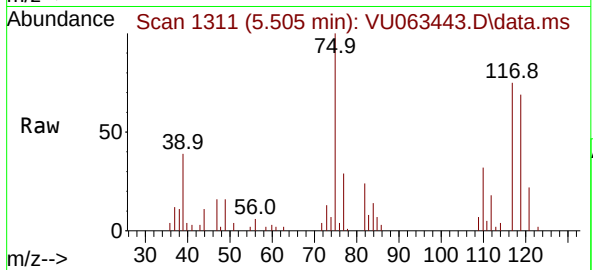
Tgt Ion: 75 Resp: 18784

Ion Ratio Lower Upper

75 100

110 32.7 17.4 52.2

77 29.5 25.4 38.0



#30

Carbon Tetrachloride

Concen: 0.934 ug/l

RT: 5.499 min Scan# 1309

Delta R.T. -0.004 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

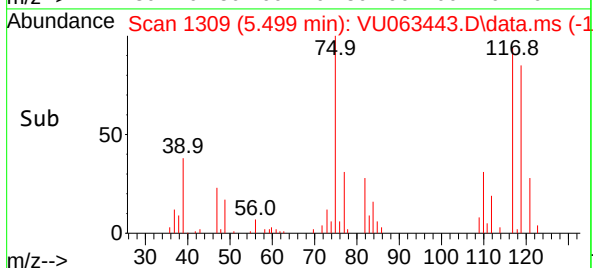
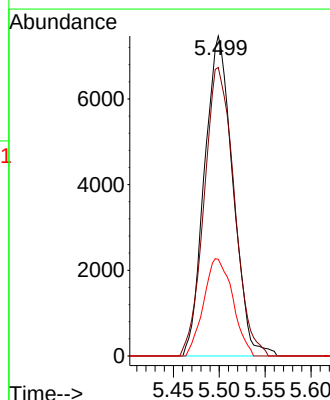
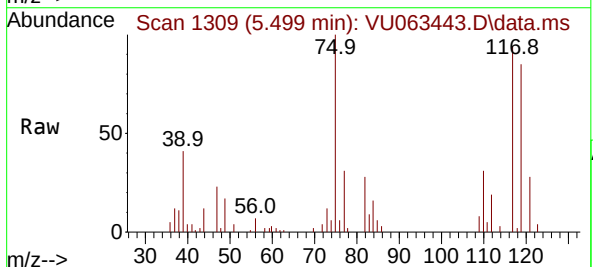
Tgt Ion: 117 Resp: 16094

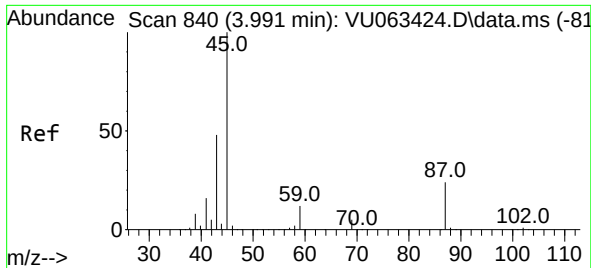
Ion Ratio Lower Upper

117 100

119 90.2 76.7 115.1

121 30.2 24.3 36.5

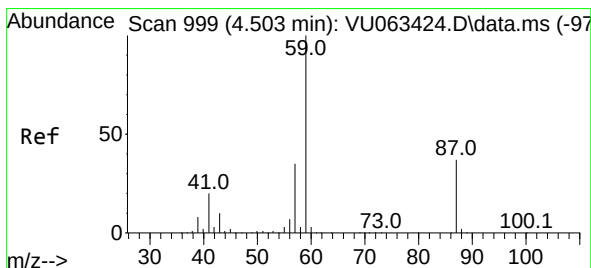
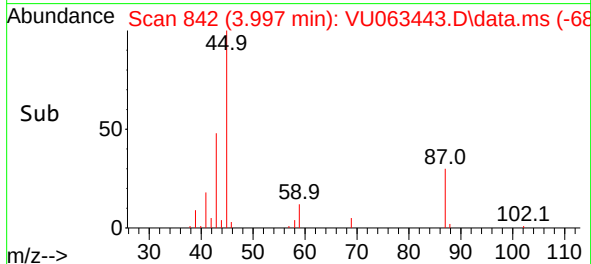
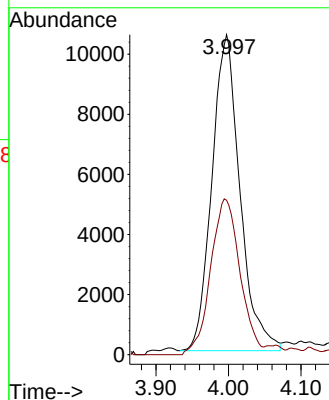
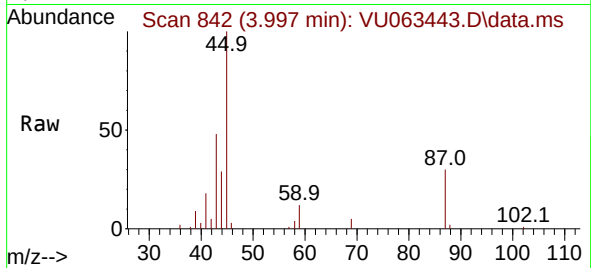




#31
Isopropyl Ether
Concen: 0.638 ug/l
RT: 3.997 min Scan# 840
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

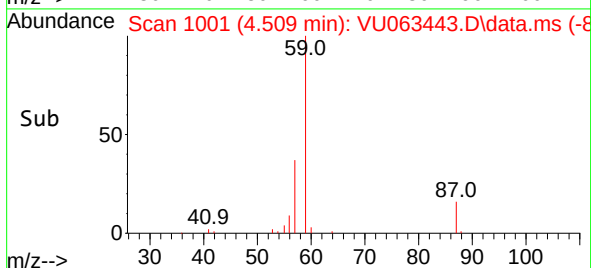
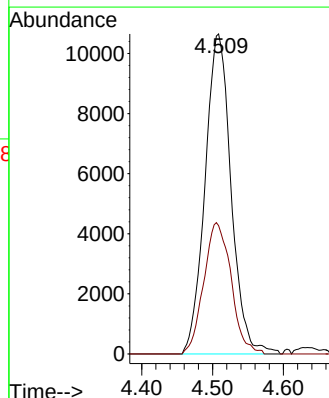
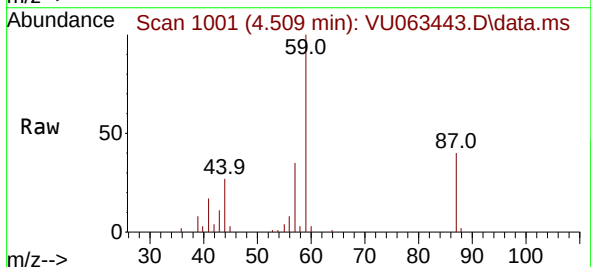
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

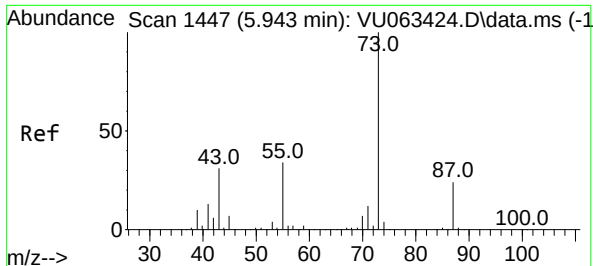
Tgt Ion: 45 Resp: 28262
Ion Ratio Lower Upper
45 100
43 51.5 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 0.725 ug/l
RT: 4.509 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 59 Resp: 27230
Ion Ratio Lower Upper
59 100
87 43.0 29.9 44.9

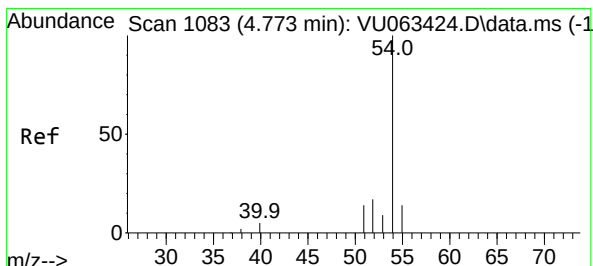
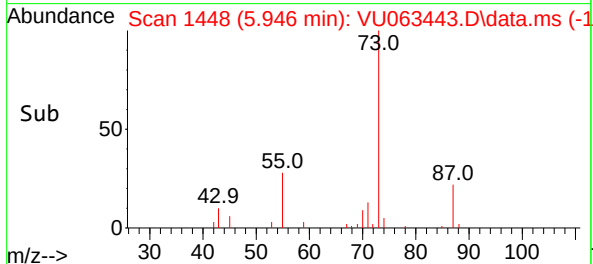
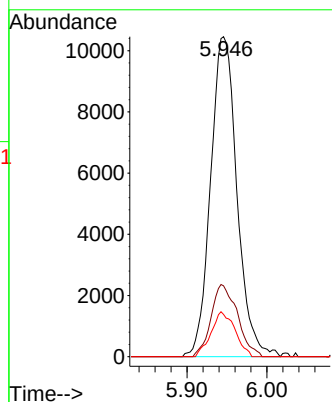
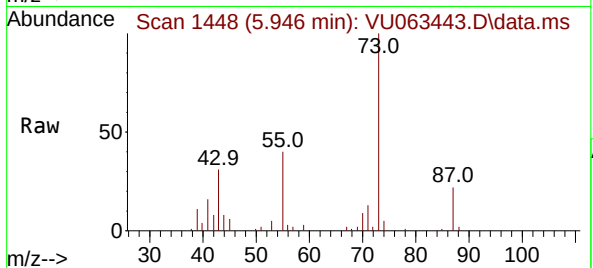




#33
Tert-Amyl methyl ether
Concen: 0.892 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

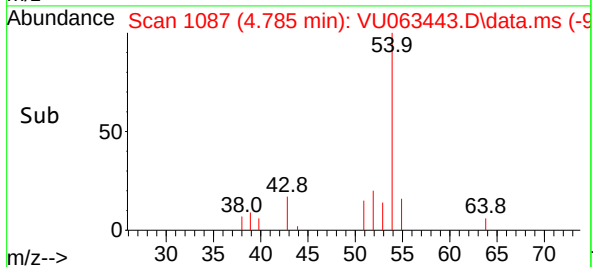
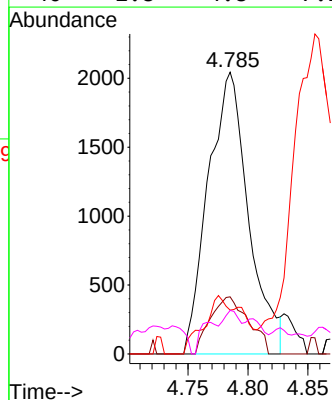
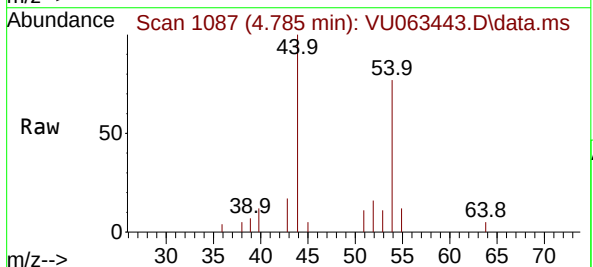
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

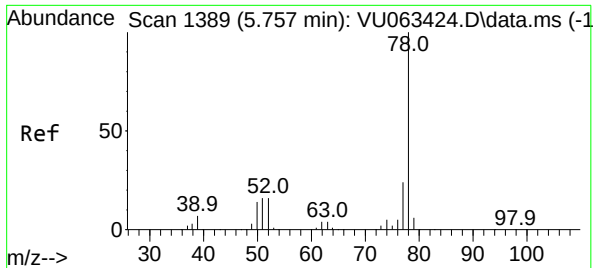
Tgt Ion: 73	Resp:	23980	
Ion	Ratio	Lower	Upper
73	100		
87	22.5	18.1	27.1
71	12.7	10.0	15.0



#34
Propionitrile
Concen: 3.404 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.012 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt	Ion: 54	Resp:	4768
Ion	Ratio	Lower	Upper
54	100		
52	19.2	14.8	22.2
55	12.6	12.2	18.2
40	2.8	4.8	7.2#





#35

Benzene

Concen: 0.920 ug/l

RT: 5.756 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

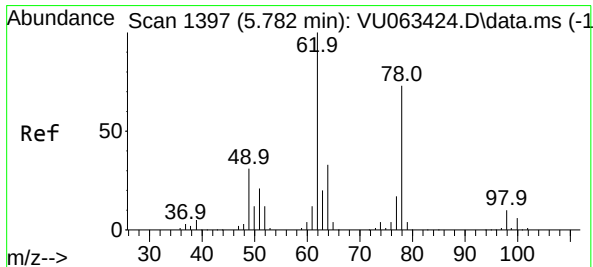
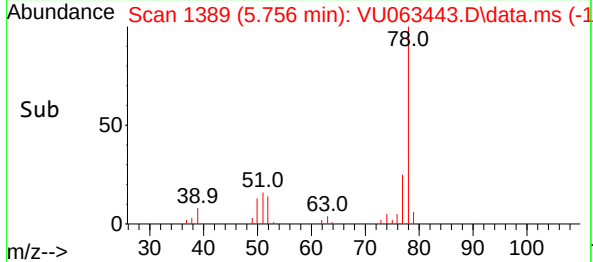
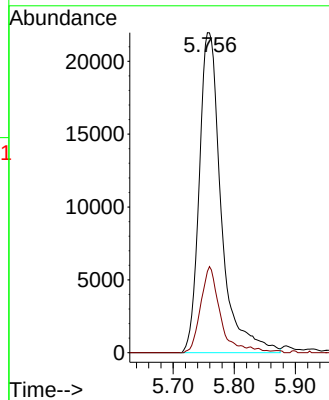
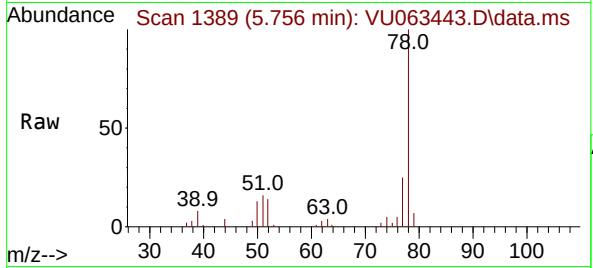
LOQ-WATER-02-QT2-2025

Tgt Ion: 78 Resp: 54813

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.2



#36

1,2-Dichloroethane

Concen: 0.911 ug/l

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU063443.D

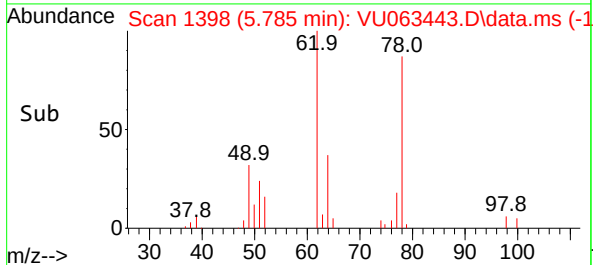
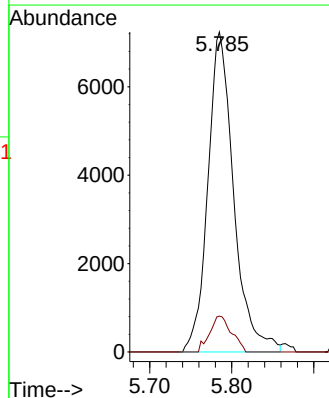
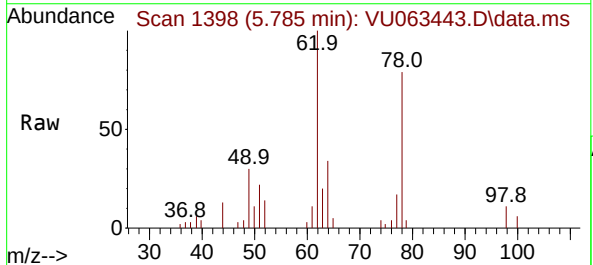
Acq: 24 Jun 2025 17:54

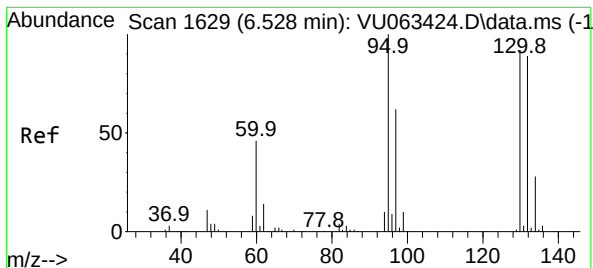
Tgt Ion: 62 Resp: 15868

Ion Ratio Lower Upper

62 100

98 9.4 7.1 10.7





#37

Trichloroethene

Concen: 0.962 ug/l

RT: 6.531 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:130 Resp: 13550

Ion Ratio Lower Upper

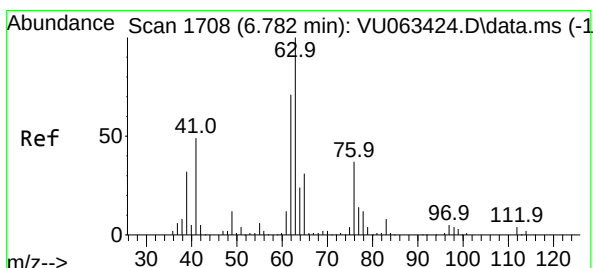
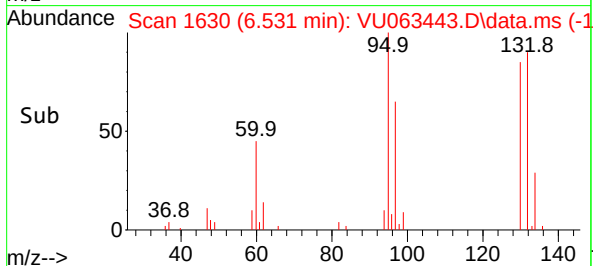
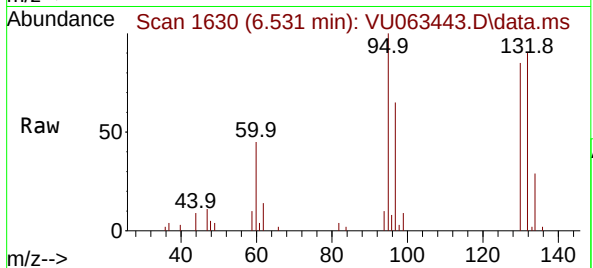
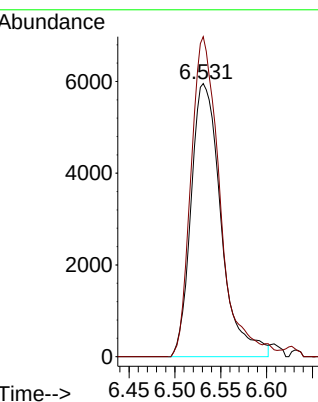
130 100

95

117.2

87.2

130.8



#38

1,2-Dichloropropane

Concen: 0.946 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Tgt Ion: 63 Resp: 15578

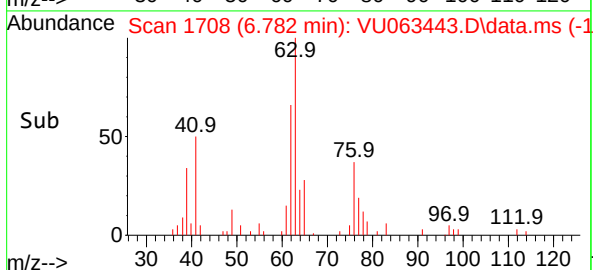
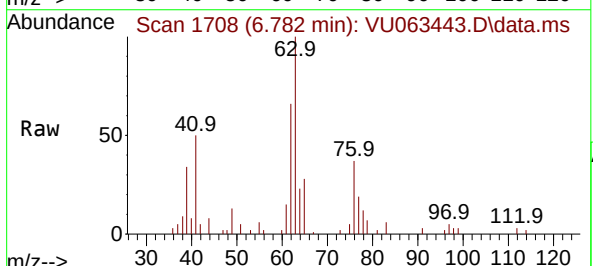
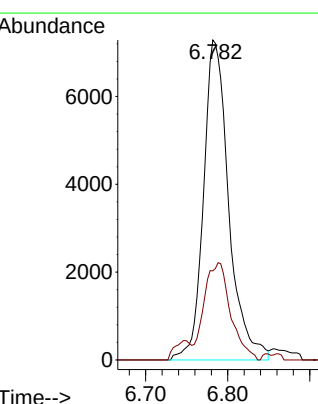
Ion Ratio Lower Upper

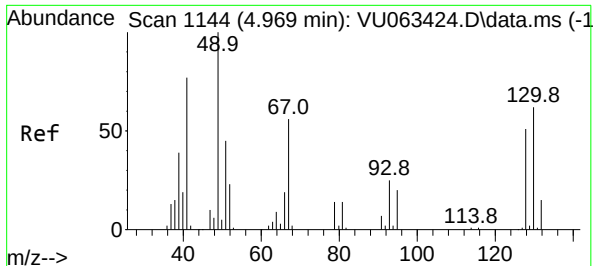
63 100

65 27.9

25.0

37.6





#39

Methacrylonitrile

Concen: 0.602 ug/l

RT: 4.978 min Scan# 1147

Delta R.T. 0.009 min

Lab File: VU063443.D

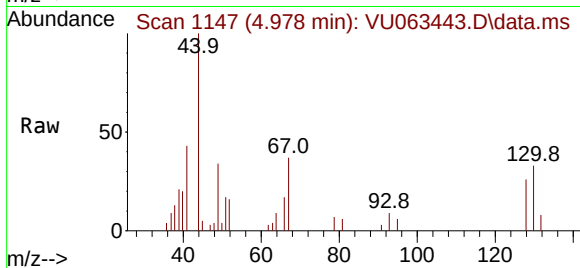
Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025



Tgt Ion: 41 Resp: 3510

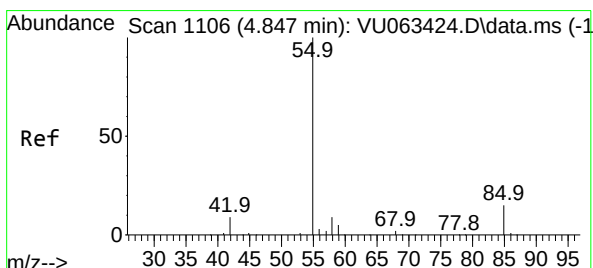
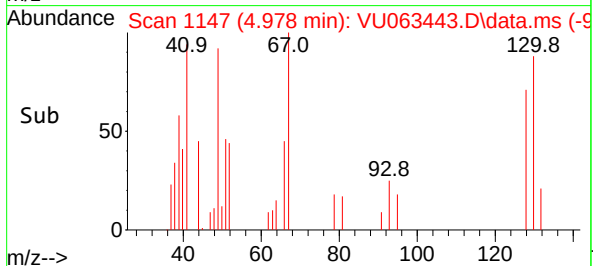
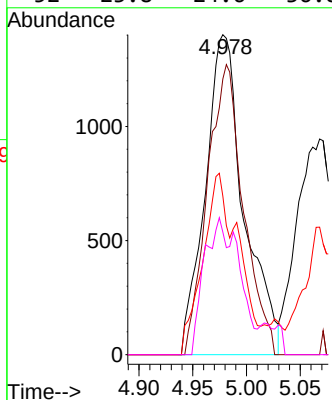
Ion Ratio Lower Upper

41 100

67 84.3 59.8 89.8

39 35.8 40.7 61.1#

52 23.8 24.6 36.8#



#40

Methyl acrylate

Concen: 0.603 ug/l

RT: 4.856 min Scan# 1109

Delta R.T. 0.009 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Tgt Ion: 55 Resp: 4931

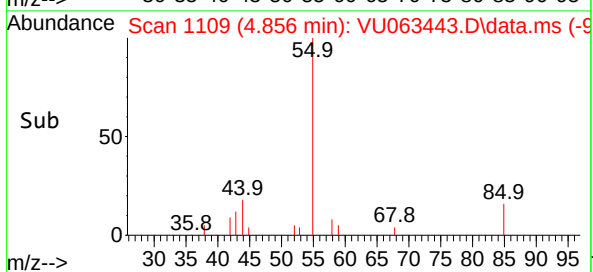
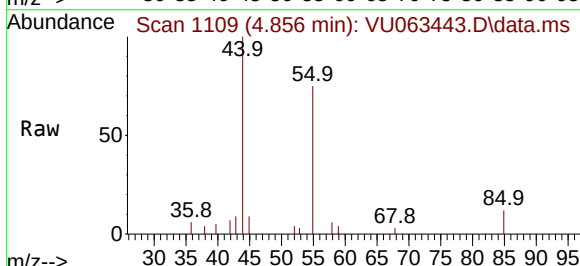
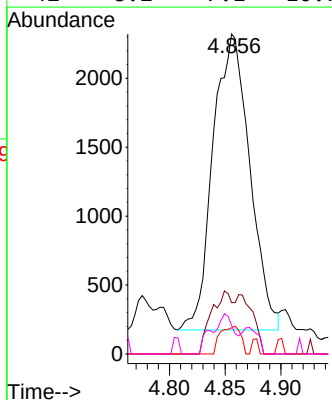
Ion Ratio Lower Upper

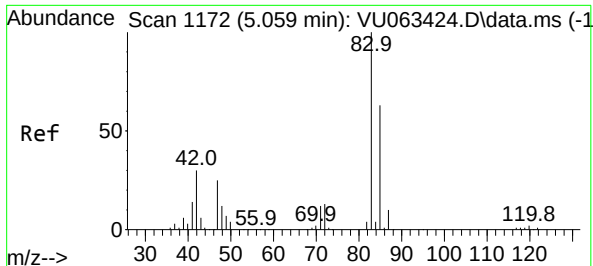
55 100

85 13.1 12.6 19.0

58 5.2 6.9 10.3#

42 8.2 7.1 10.7





#41

Tetrahydrofuran

Concen: 1.334 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

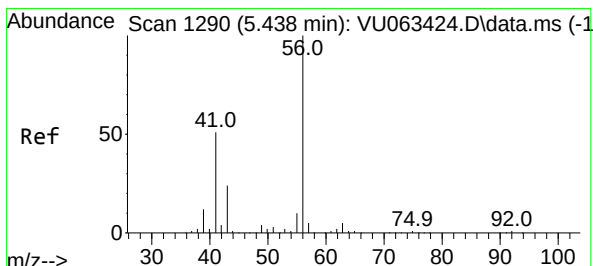
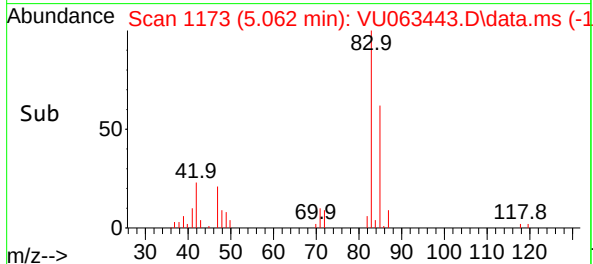
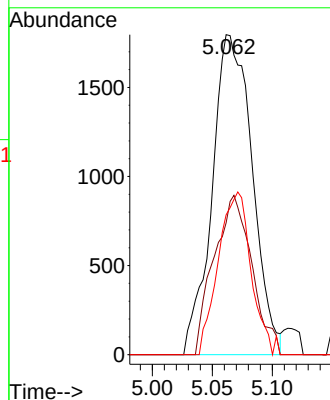
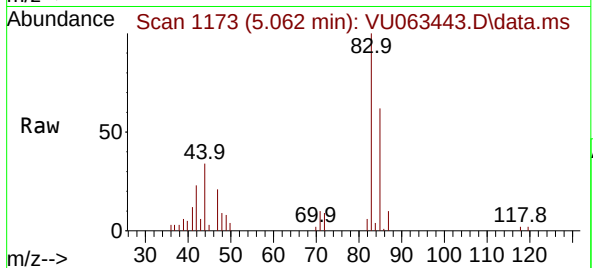
Tgt Ion: 42 Resp: 4182

Ion Ratio Lower Upper

42 100

72 47.0 35.4 53.2

71 41.6 31.4 47.0



#42

1-Chlorobutane

Concen: 0.860 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VU063443.D

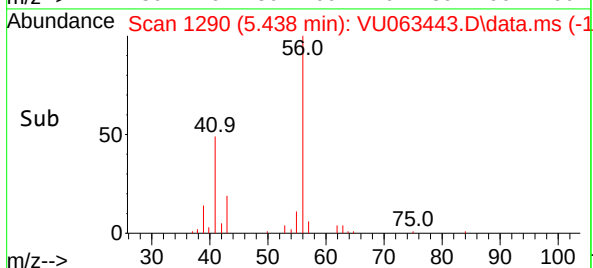
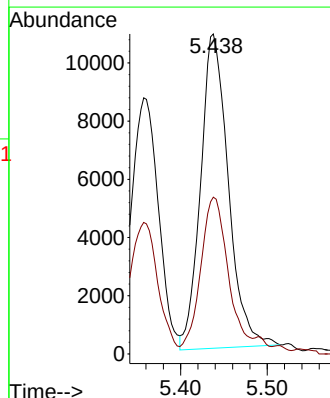
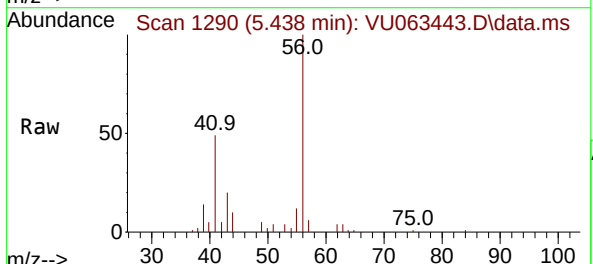
Acq: 24 Jun 2025 17:54

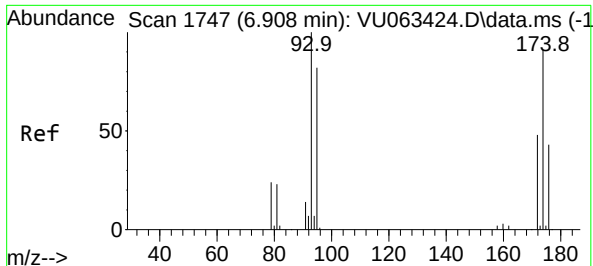
Tgt Ion: 56 Resp: 24046

Ion Ratio Lower Upper

56 100

41 45.1 26.4 79.0

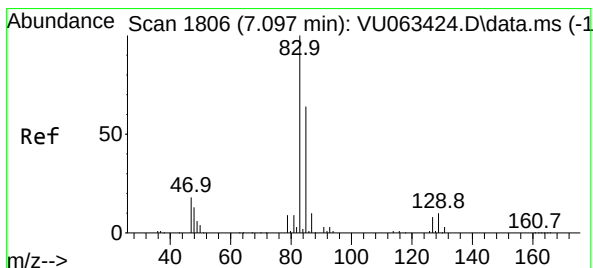
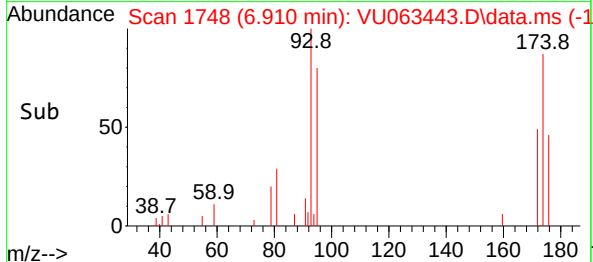
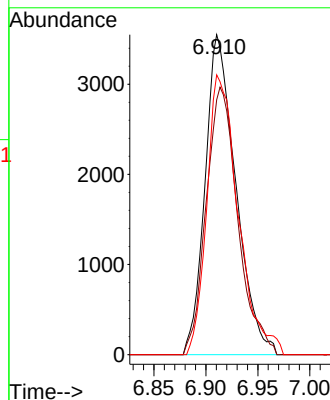
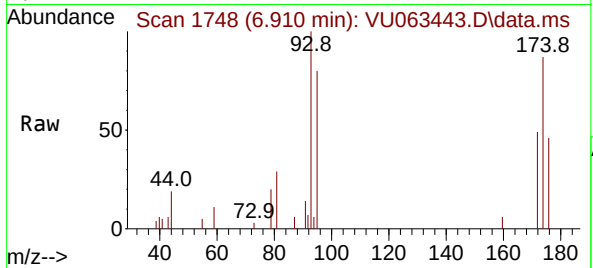




#43
Dibromomethane
Concen: 0.947 ug/l
RT: 6.910 min Scan# 1748
Delta R.T. 0.002 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

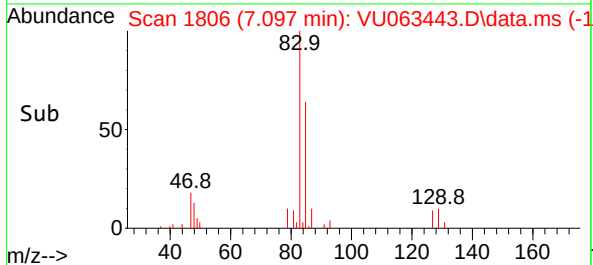
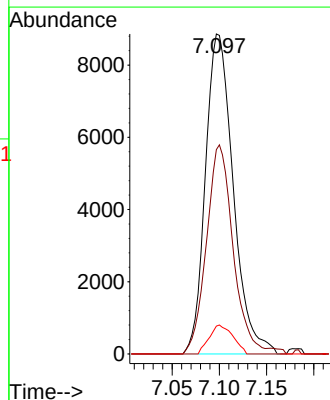
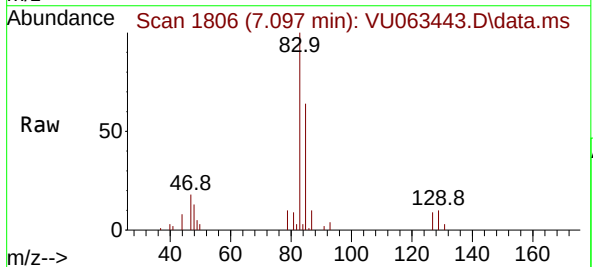
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

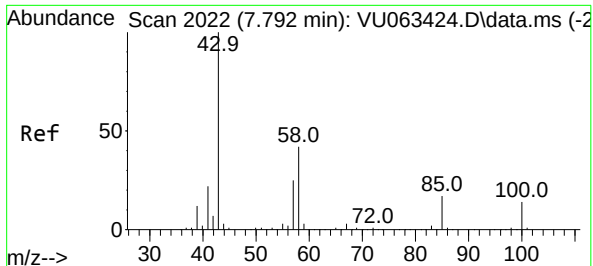
Tgt Ion: 93	Resp: 7281
Ion Ratio	Lower Upper
93 100	
95 86.0	66.7 100.1
174 89.4	71.1 106.7



#44
Bromodichloromethane
Concen: 0.969 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 83	Resp: 18149
Ion Ratio	Lower Upper
83 100	
85 63.8	51.4 77.2
127 8.7	6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 3.993 ug/l

RT: 7.801 min Scan# 2025

Delta R.T. 0.009 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

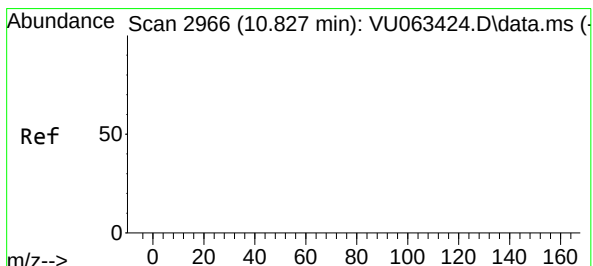
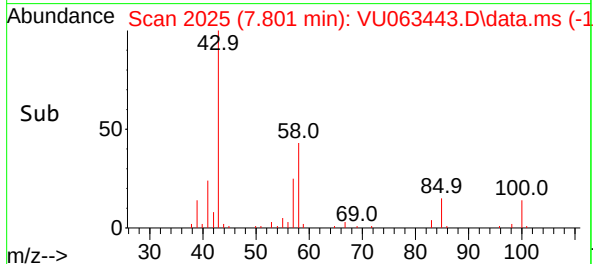
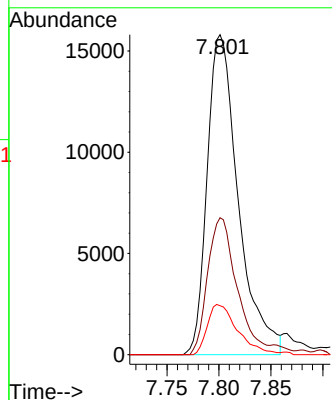
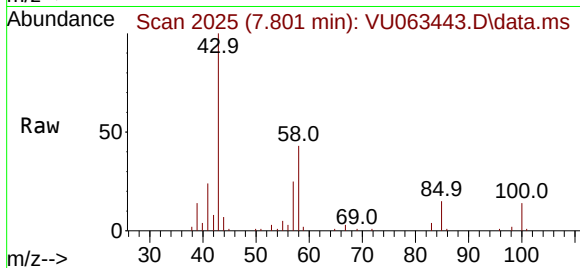
Tgt Ion: 43 Resp: 32961

Ion Ratio Lower Upper

43 100

58 40.3 20.5 61.6

85 15.3 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 5.171 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Tgt Ion: 75 Resp: 14031

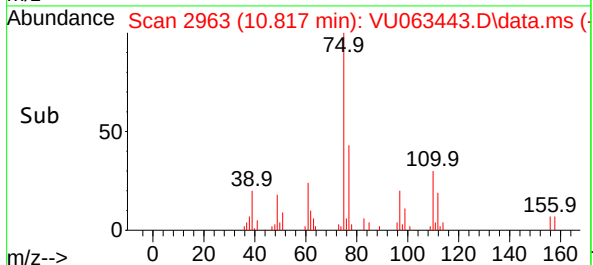
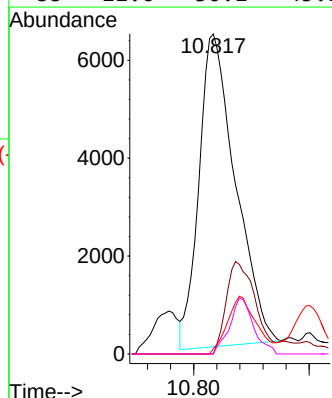
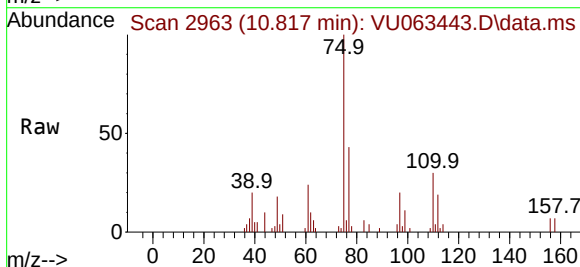
Ion Ratio Lower Upper

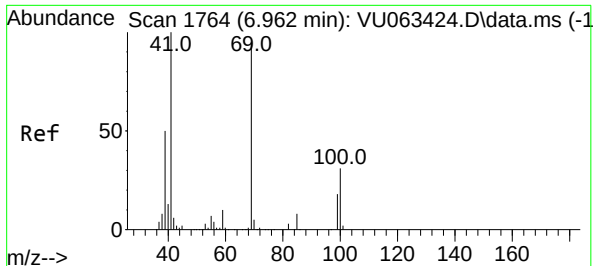
75 100

53 23.6 61.4 92.2#

89 14.4 39.2 58.8#

88 11.6 30.1 45.1#

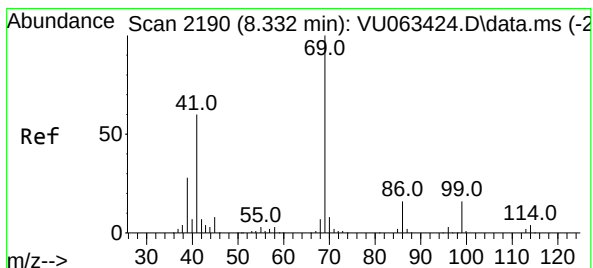
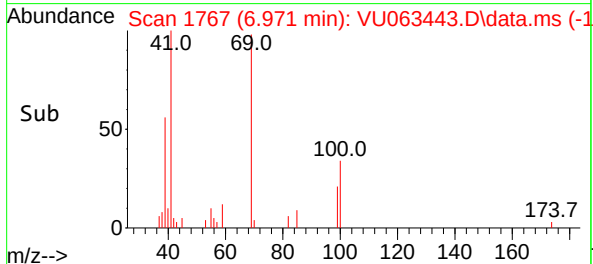
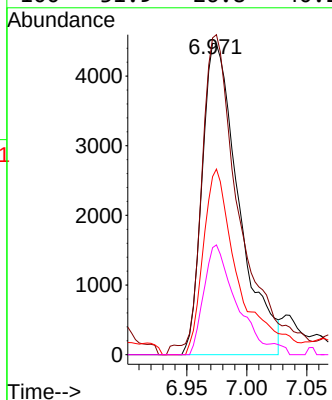
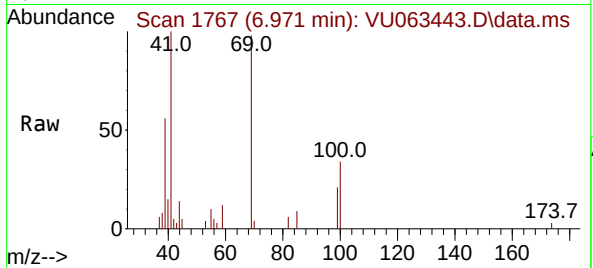




#47
Methyl methacrylate
Concen: 1.595 ug/l
RT: 6.971 min Scan# 1767
Delta R.T. 0.009 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

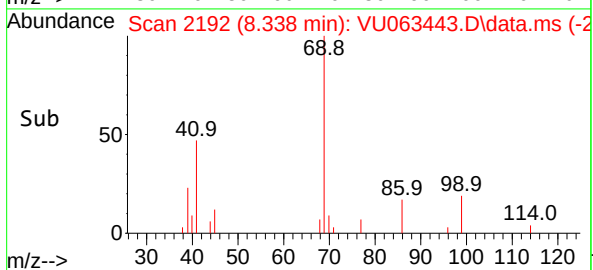
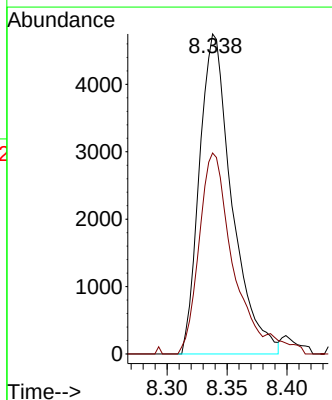
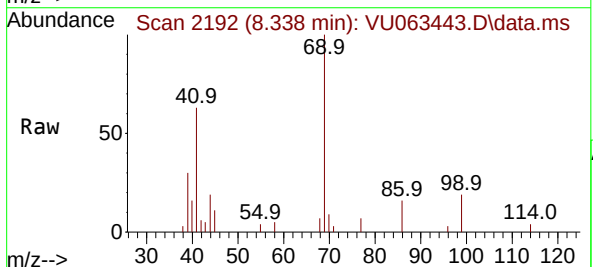
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

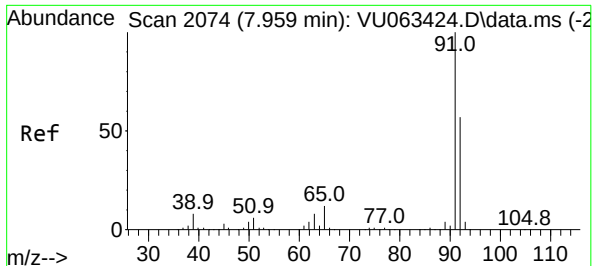
Tgt Ion:	69	Resp:	9503
Ion	Ratio	Lower	Upper
69	100		
41	107.6	0.0	212.6
39	57.4	40.6	61.0
100	31.9	26.8	40.2



#48
Ethyl methacrylate
Concen: 0.838 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:	69	Resp:	8943
Ion	Ratio	Lower	Upper
69	100		
41	67.1	30.6	92.0





#49

Toluene

Concen: 0.846 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

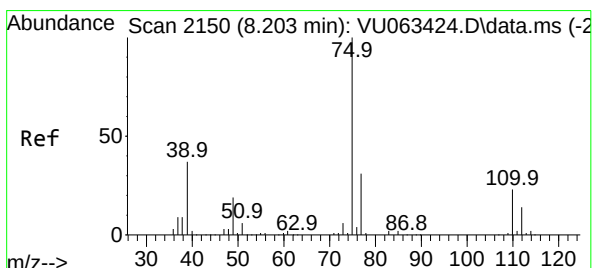
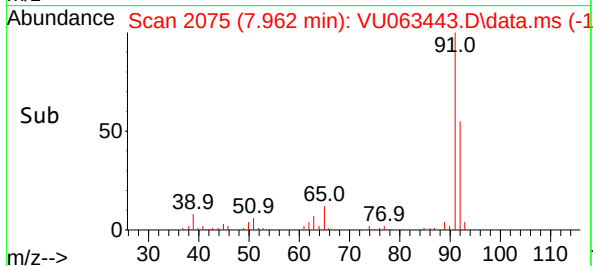
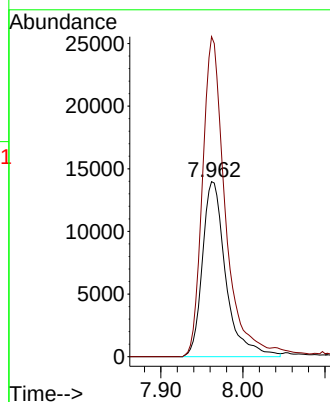
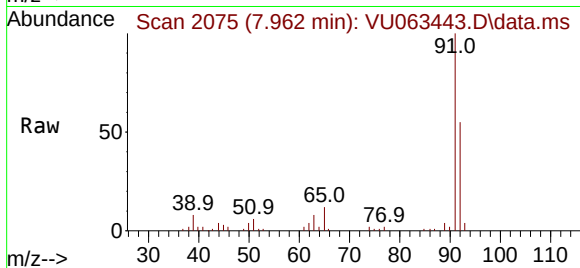
LOQ-WATER-02-QT2-2025

Tgt Ion: 92 Resp: 27693

Ion Ratio Lower Upper

92 100

91 176.5 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 0.852 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU063443.D

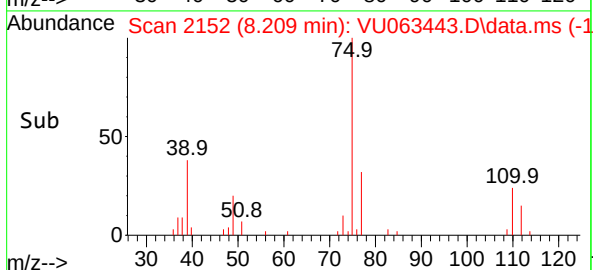
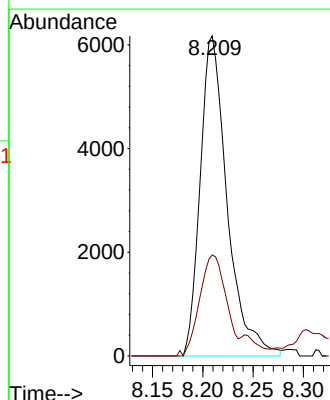
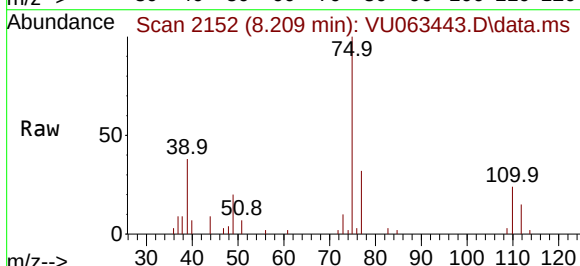
Acq: 24 Jun 2025 17:54

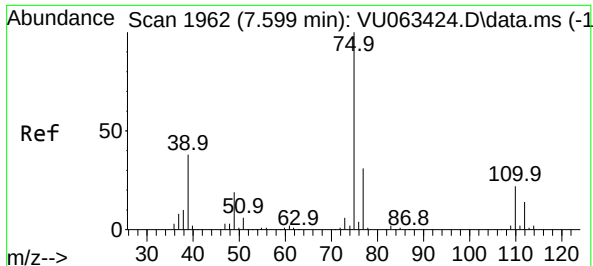
Tgt Ion: 75 Resp: 11508

Ion Ratio Lower Upper

75 100

77 29.8 24.5 36.7

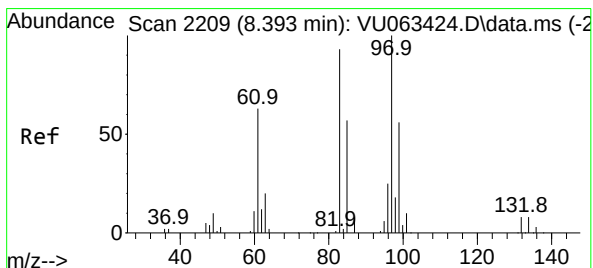
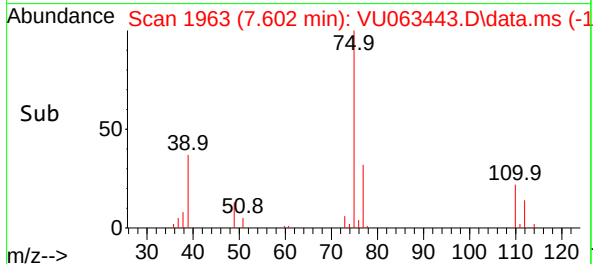
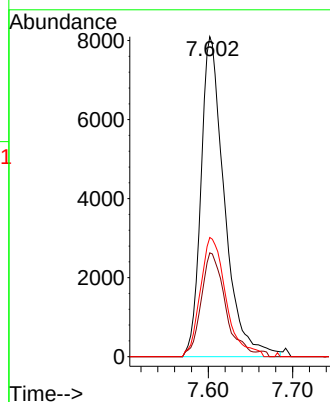
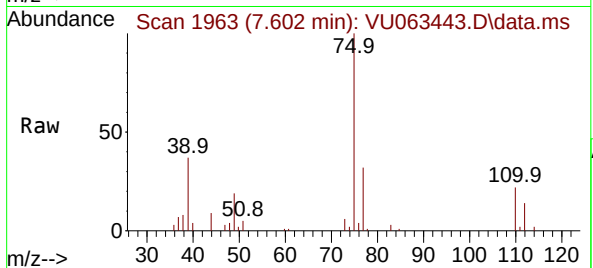




#51
 cis-1,3-Dichloropropene
 Concen: 0.865 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

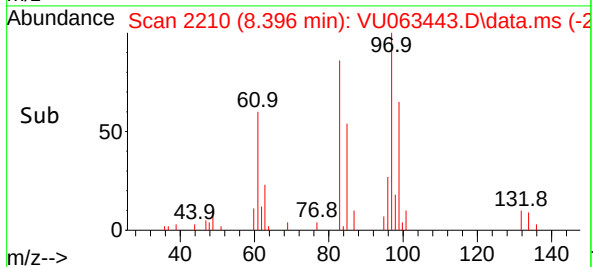
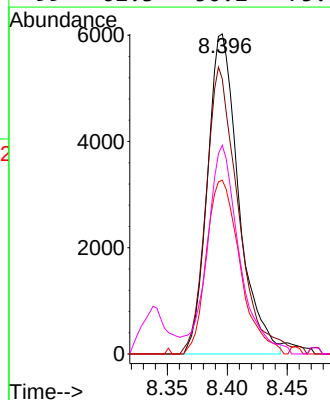
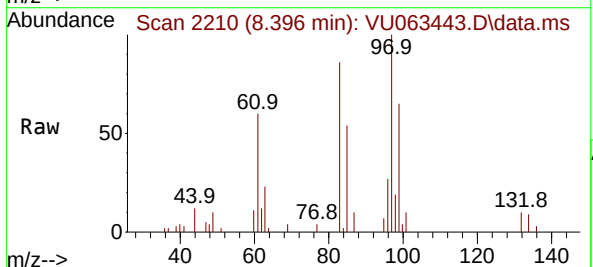
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

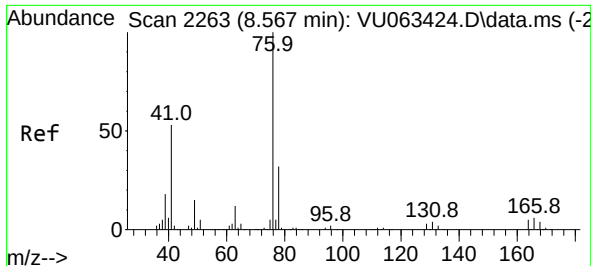
Tgt Ion: 75 Resp: 15687
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.8 37.2
 39 37.3 30.7 46.1



#52
 1,1,2-Trichloroethane
 Concen: 0.971 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

Tgt Ion: 97 Resp: 10917
 Ion Ratio Lower Upper
 97 100
 83 86.0 74.1 111.1
 85 54.3 45.8 68.8
 99 62.3 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.929 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

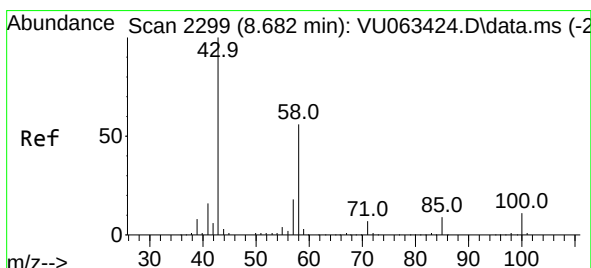
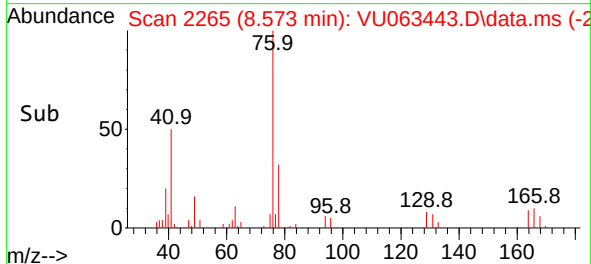
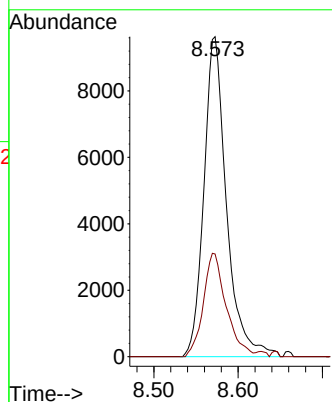
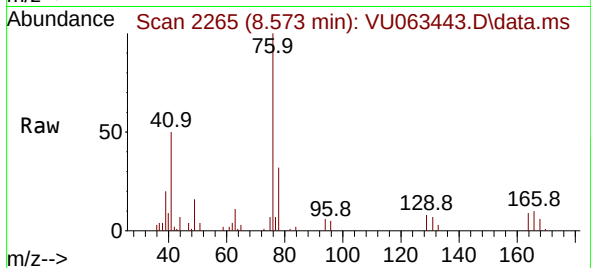
LOQ-WATER-02-QT2-2025

Tgt Ion: 76 Resp: 17963

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



#54

2-Hexanone

Concen: 3.993 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.013 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

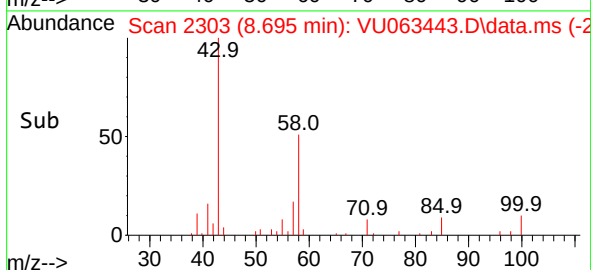
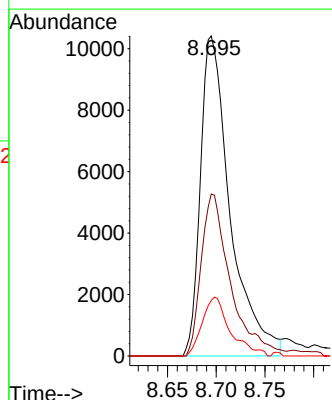
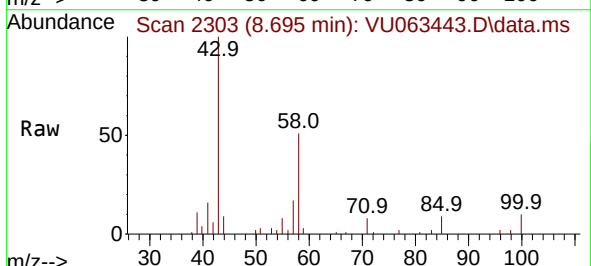
Tgt Ion: 43 Resp: 22115

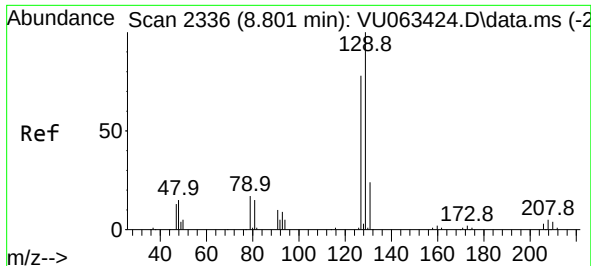
Ion Ratio Lower Upper

43 100

58 49.9 36.9 76.9

57 17.3 0.0 38.8

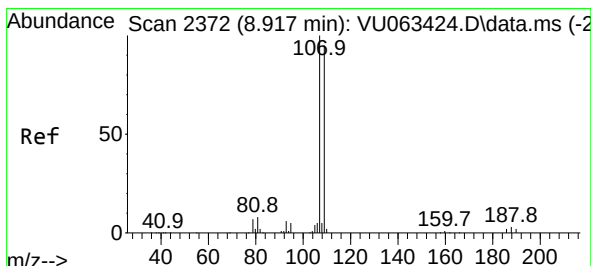
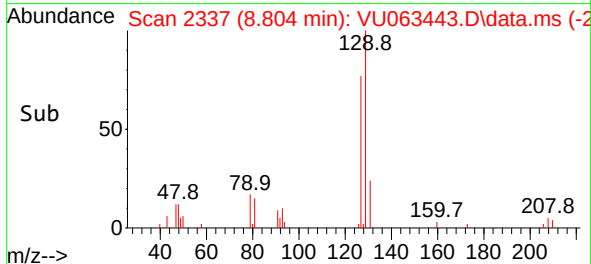
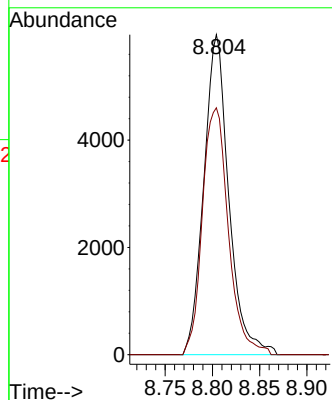
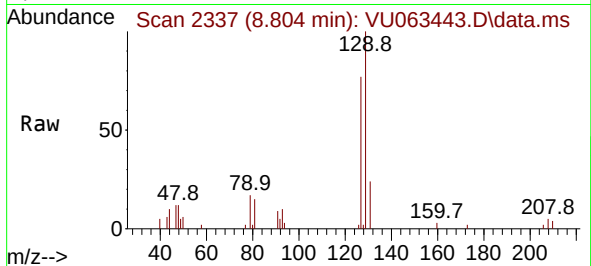




#55
 Dibromochloromethane
 Concen: 0.946 ug/l
 RT: 8.804 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

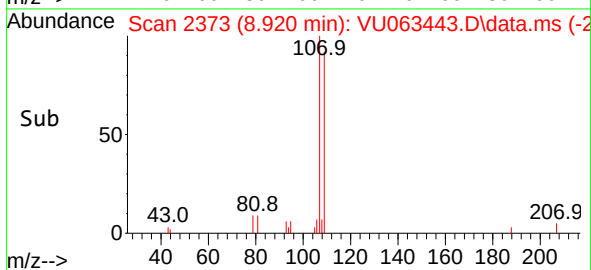
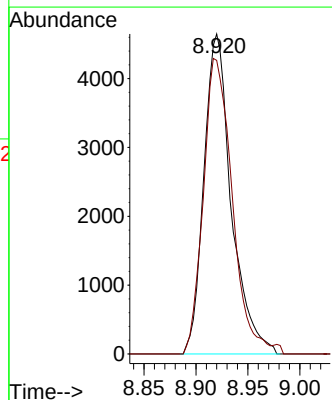
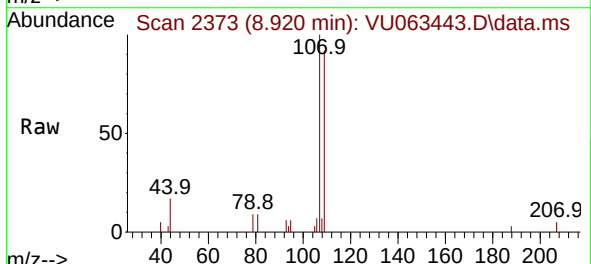
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

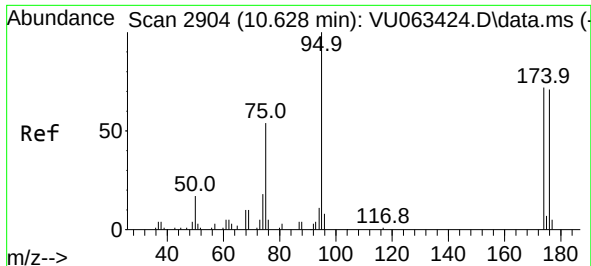
Tgt Ion:129 Resp: 10969
 Ion Ratio Lower Upper
 129 100
 127 80.3 62.6 93.8



#56
 1,2-Dibromoethane
 Concen: 0.936 ug/l
 RT: 8.920 min Scan# 2373
 Delta R.T. 0.003 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

Tgt Ion:107 Resp: 8529
 Ion Ratio Lower Upper
 107 100
 109 97.8 0.0 188.0

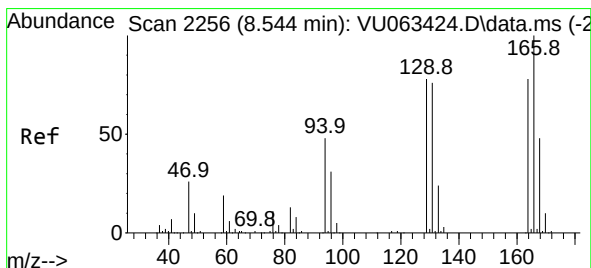
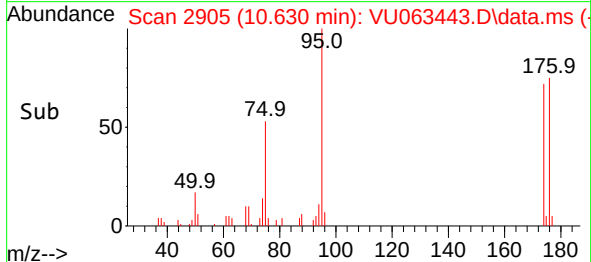
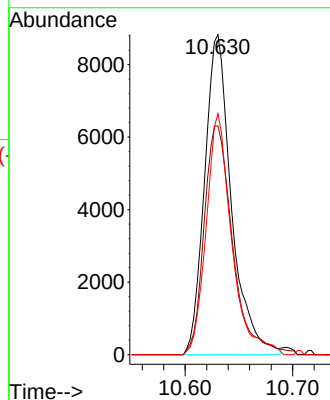
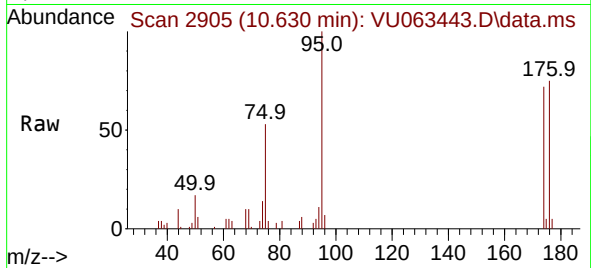




#57
4-Bromofluorobenzene
Concen: 0.913 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.002 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

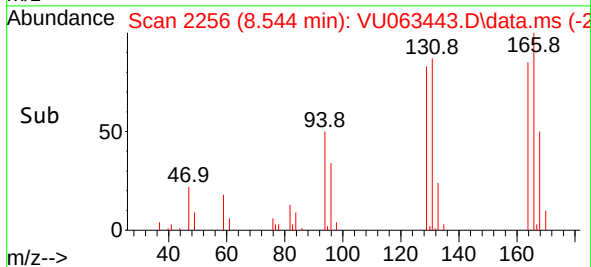
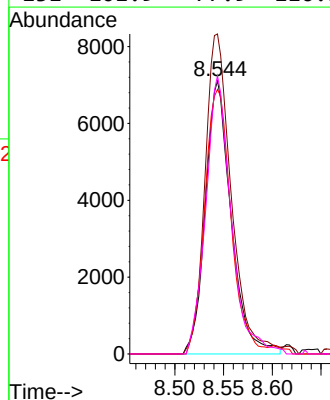
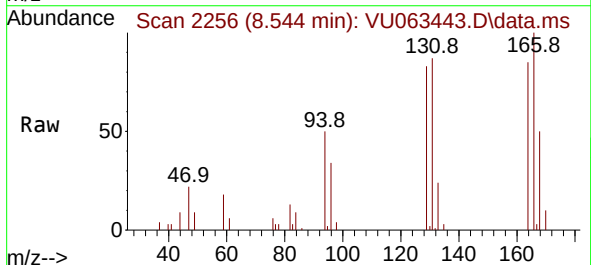
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

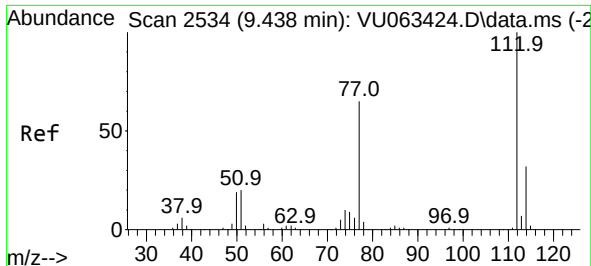
Tgt Ion: 95 Resp: 15334
Ion Ratio Lower Upper
95 100
174 75.8 59.4 89.2
176 71.3 57.8 86.6



#58
Tetrachloroethene
Concen: 0.947 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 164 Resp: 13084
Ion Ratio Lower Upper
164 100
166 117.1 102.8 154.2
129 96.9 80.2 120.2
131 101.9 77.9 116.9





#59

Chlorobenzene

Concen: 0.907 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

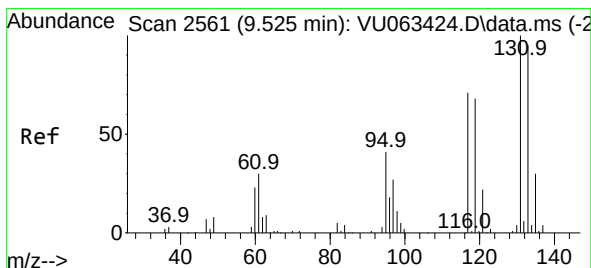
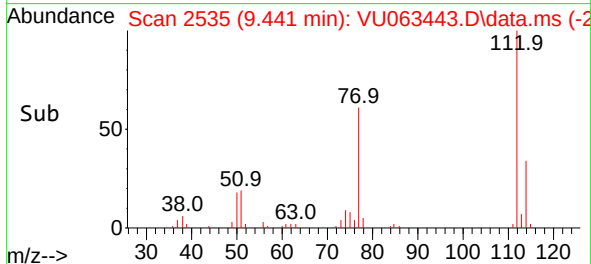
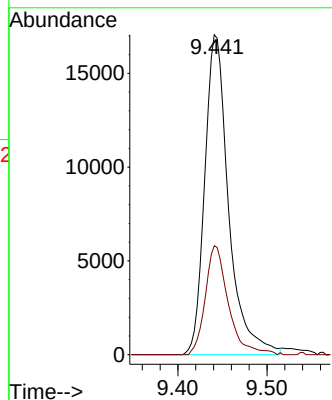
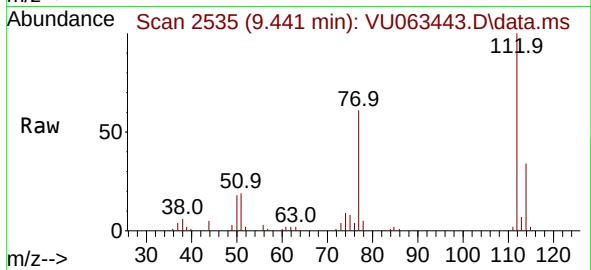
LOQ-WATER-02-QT2-2025

Tgt Ion:112 Resp: 31760

Ion Ratio Lower Upper

112 100

114 34.0 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 0.944 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.003 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

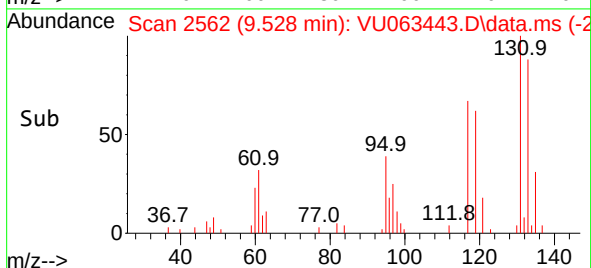
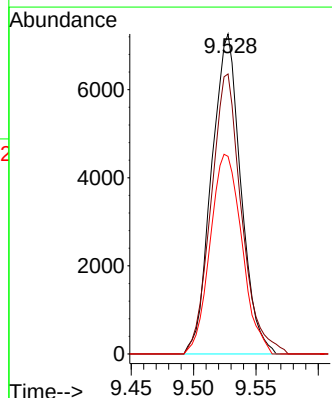
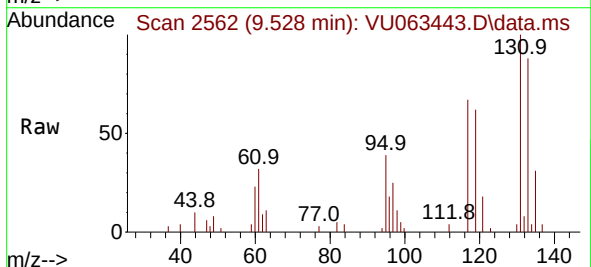
Tgt Ion:131 Resp: 11906

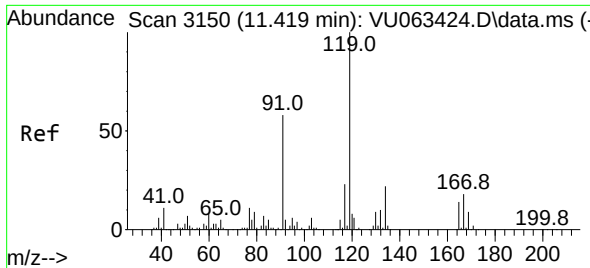
Ion Ratio Lower Upper

131 100

133 90.7 76.1 114.1

119 67.5 53.7 80.5

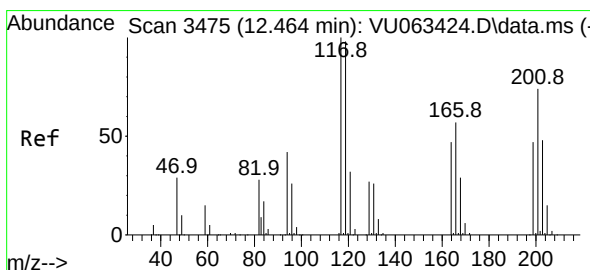
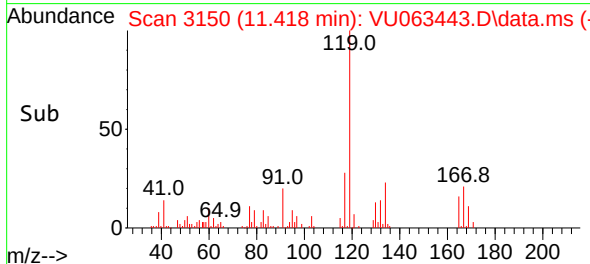
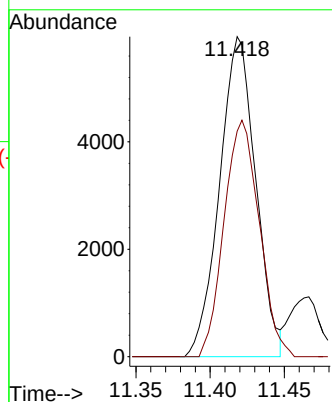
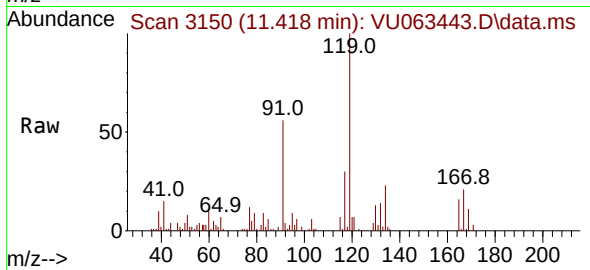




#61
Pentachloroethane
Concen: 0.982 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

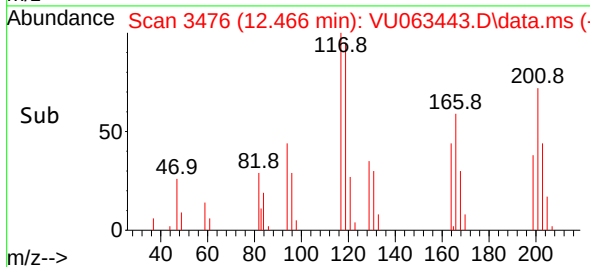
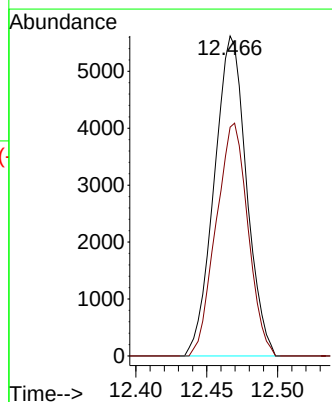
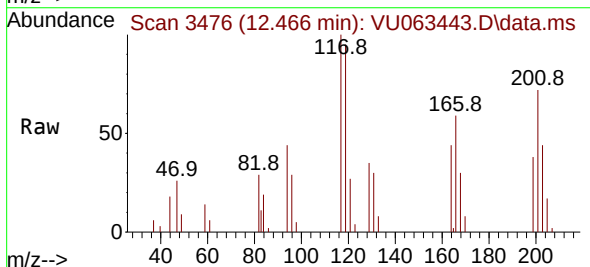
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

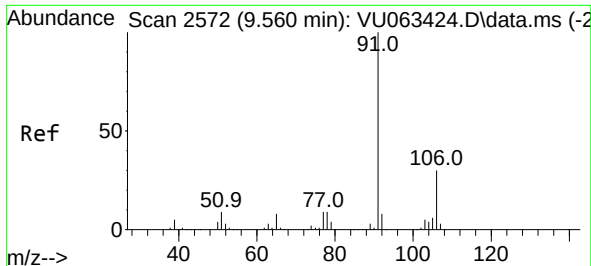
Tgt Ion:117 Resp: 10089
Ion Ratio Lower Upper
117 100
167 71.8 58.1 87.1



#62
Hexachloroethane
Concen: 0.964 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:117 Resp: 8907
Ion Ratio Lower Upper
117 100
201 71.9 60.4 90.6

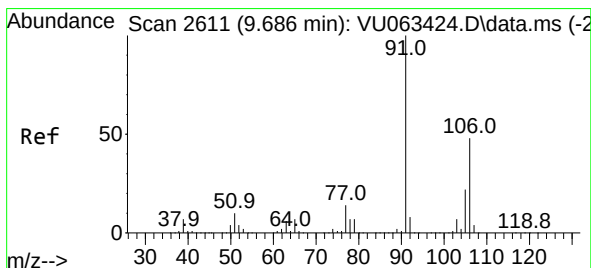
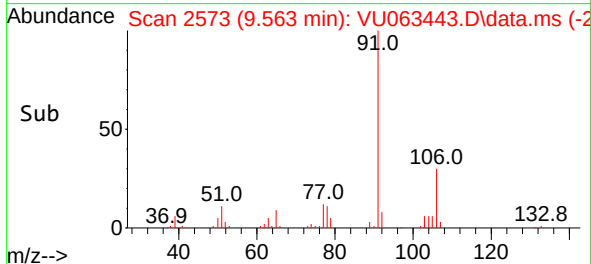
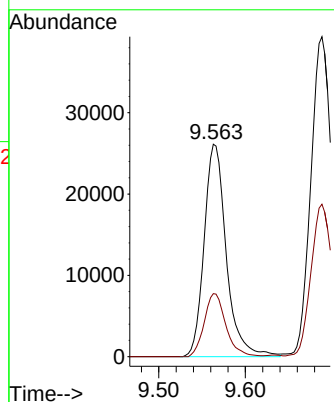
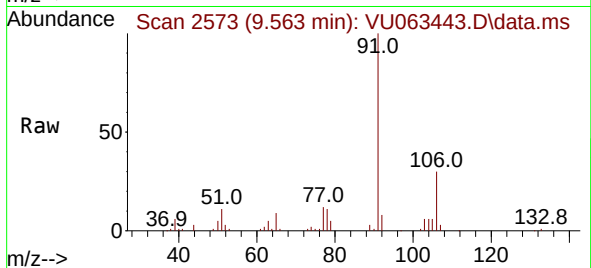




#63
Ethyl Benzene
Concen: 0.828 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

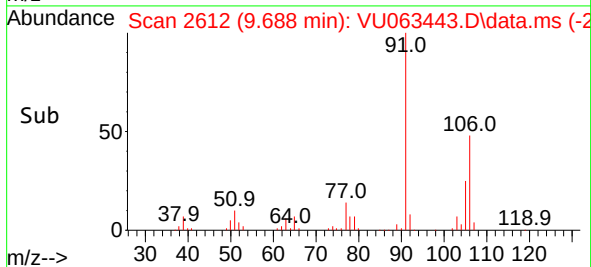
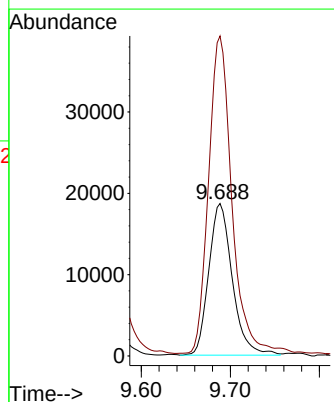
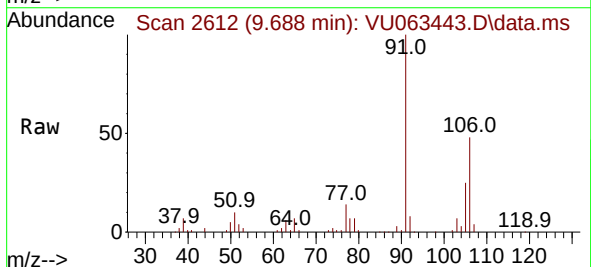
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

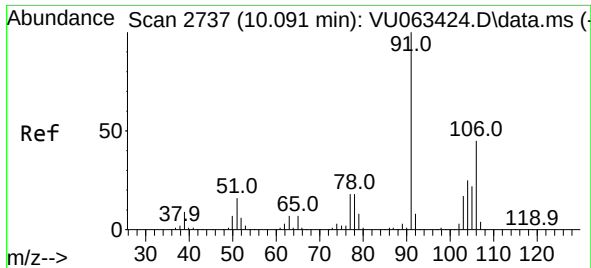
Tgt Ion: 91 Resp: 46492
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2



#64
m/p-Xylenes
Concen: 1.560 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 106 Resp: 34191
Ion Ratio Lower Upper
106 100
91 208.9 169.9 254.9

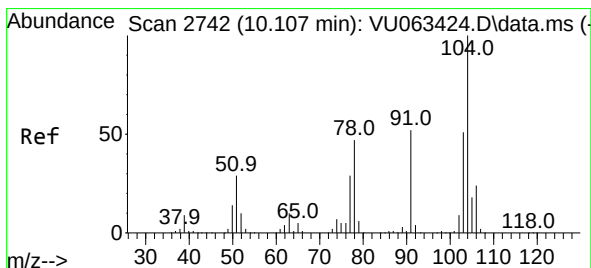
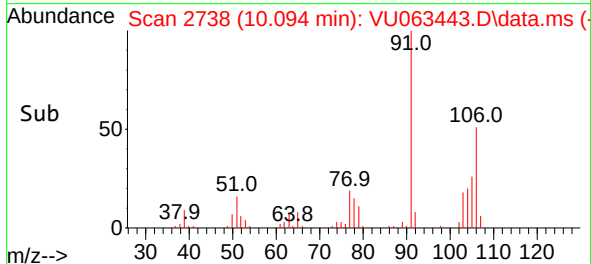
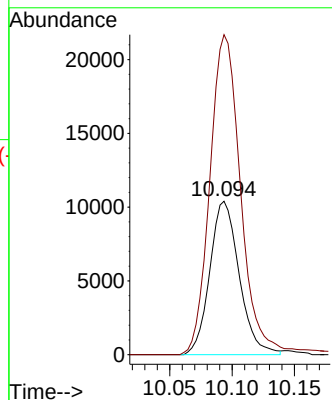
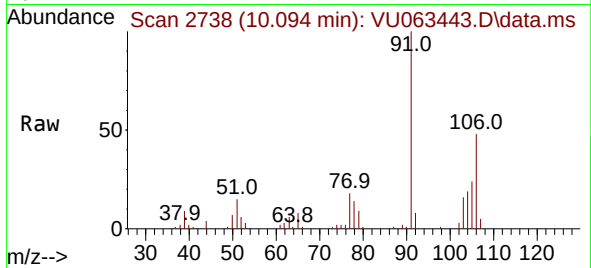




#65
o-Xylene
Concen: 0.801 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

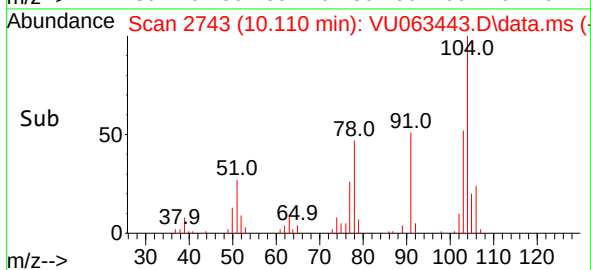
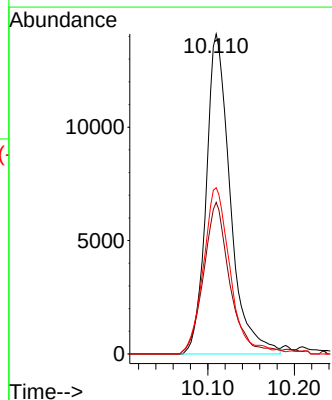
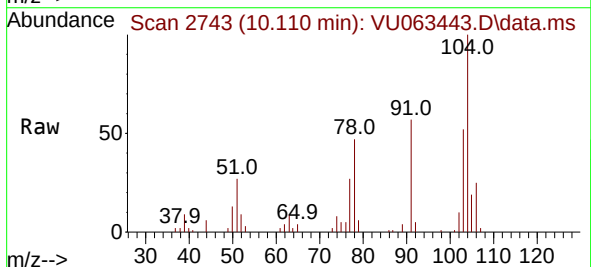
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

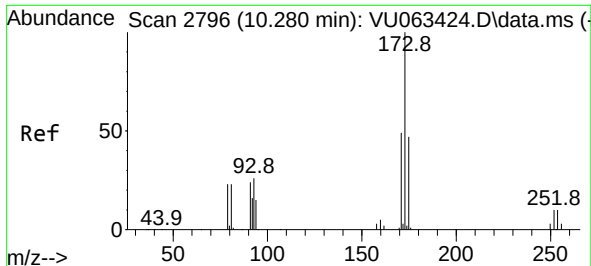
Tgt Ion:106 Resp: 17096
Ion Ratio Lower Upper
106 100
91 220.9 110.8 332.3



#66
Styrene
Concen: 0.785 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:104 Resp: 27287
Ion Ratio Lower Upper
104 100
78 51.6 41.6 62.4
103 57.9 44.6 67.0

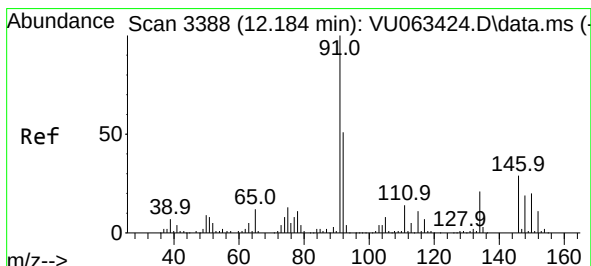
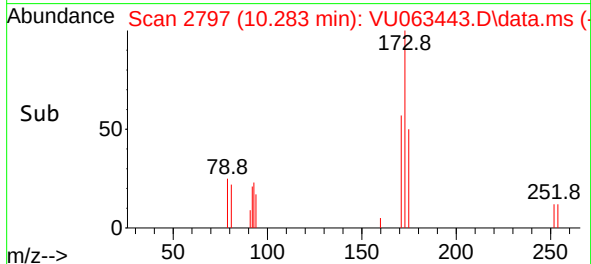
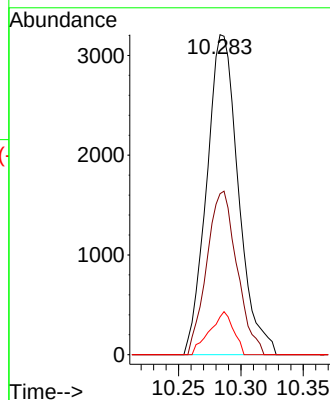
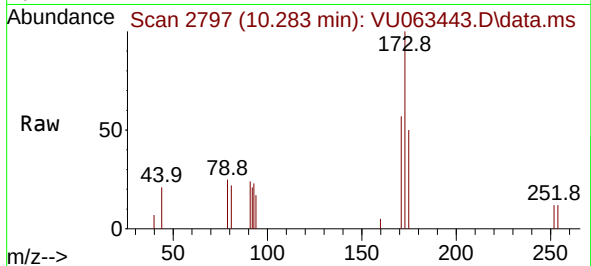




#67
Bromoform
Concen: 0.896 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

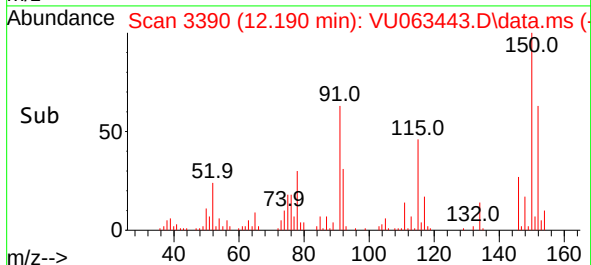
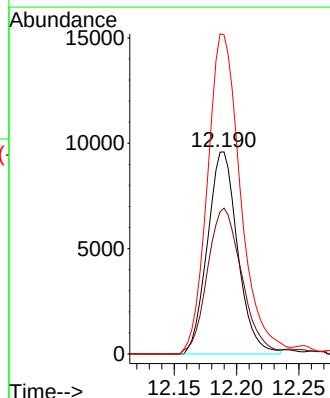
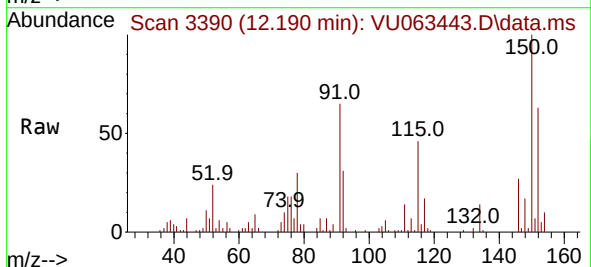
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

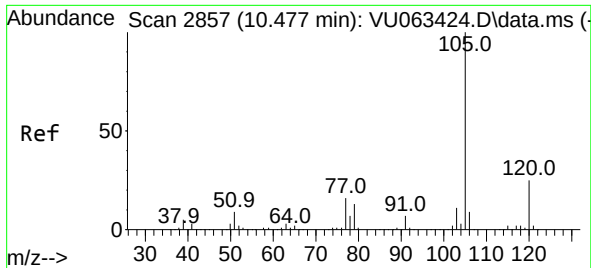
Tgt Ion:173 Resp: 5679
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.2
254 10.1 7.6 11.4



#68
1,2-Dichlorobenzene-d4
Concen: 0.958 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:152 Resp: 16154
Ion Ratio Lower Upper
152 100
115 82.1 0.0 327.6
150 174.1 0.0 664.4

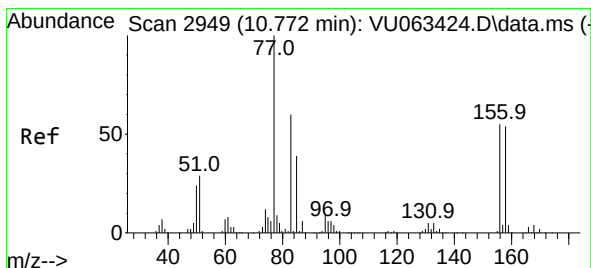
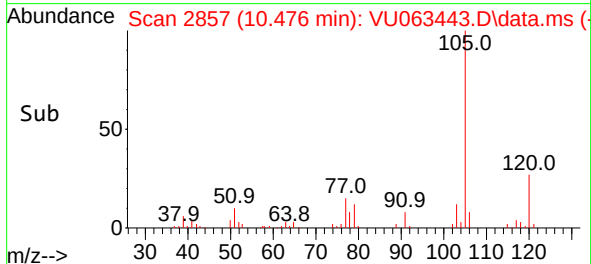
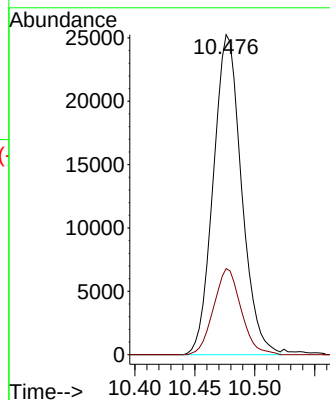
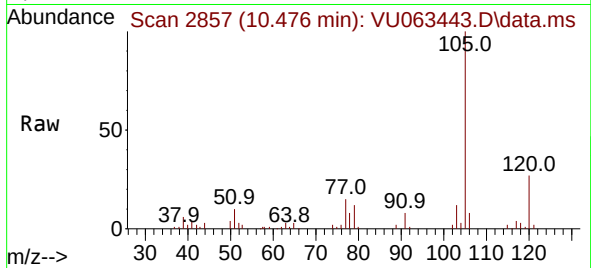




#69
Isopropylbenzene
Concen: 0.837 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

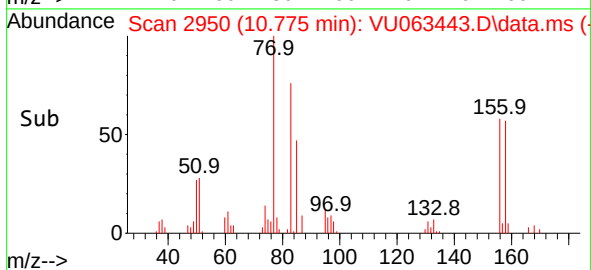
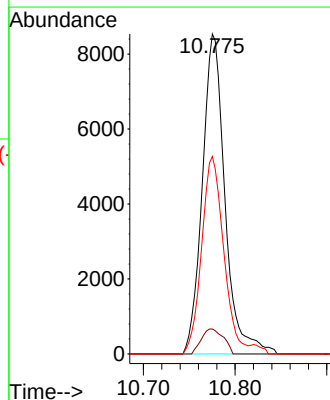
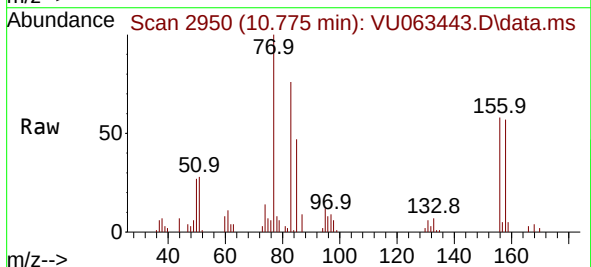
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

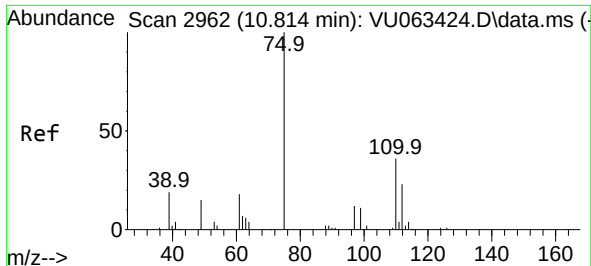
Tgt Ion:105 Resp: 41384
Ion Ratio Lower Upper
105 100
120 26.1 12.7 38.1



#70
1,1,2,2-Tetrachloroethane
Concen: 1.018 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 83 Resp: 14645
Ion Ratio Lower Upper
83 100
131 7.6 7.4 11.0
85 59.9 51.3 76.9

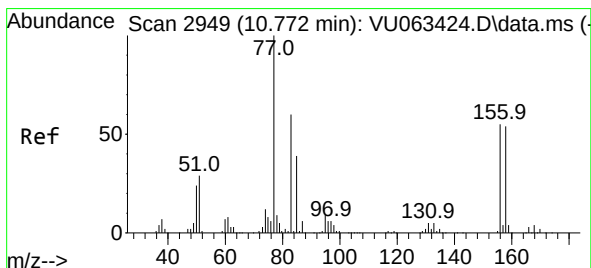
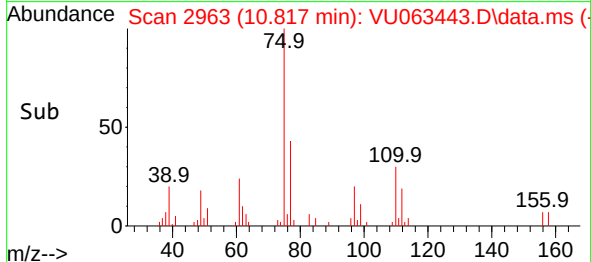
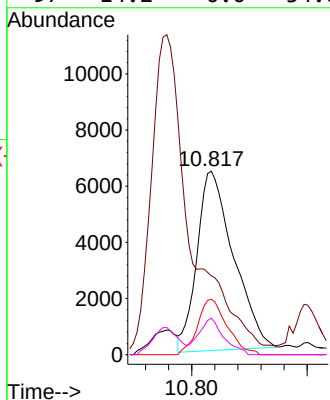
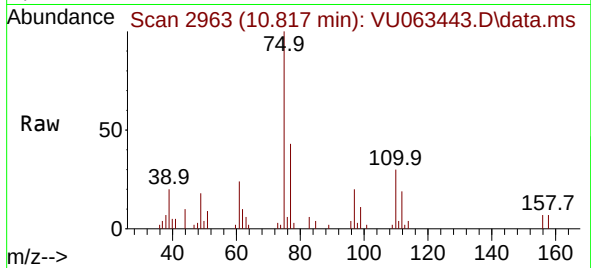




#71
1,2,3-Trichloropropane
Concen: 1.195 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

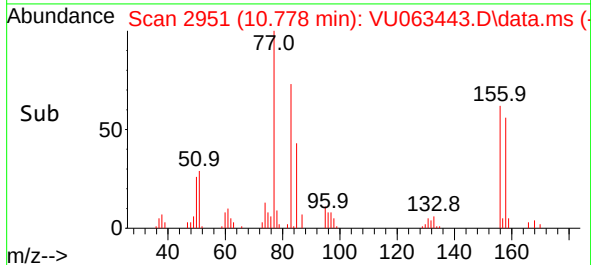
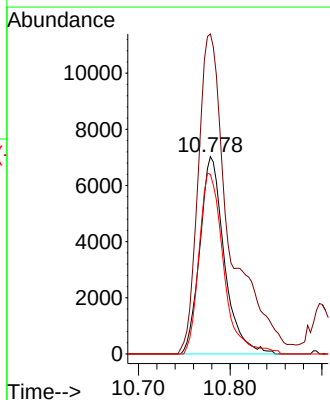
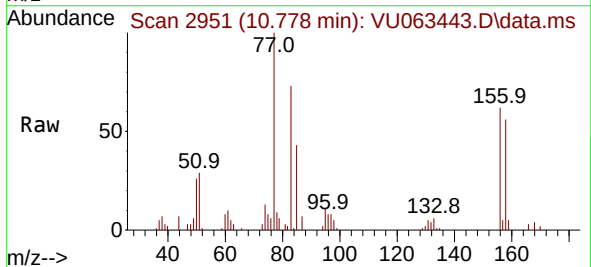
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

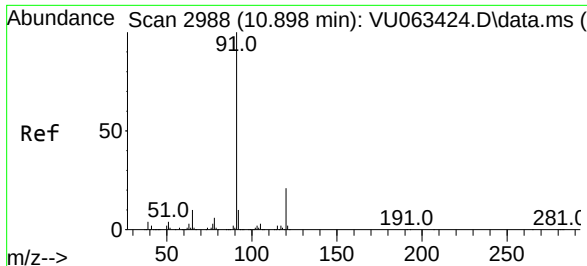
Tgt Ion:	75	Resp:	14031
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	24.9	0.0	63.4
97	14.2	0.0	34.0



#72
Bromobenzene
Concen: 0.939 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:	156	Resp:	13033
Ion Ratio	Lower	Upper	
156	100		
77	210.1	0.0	416.2
158	91.9	0.0	190.6

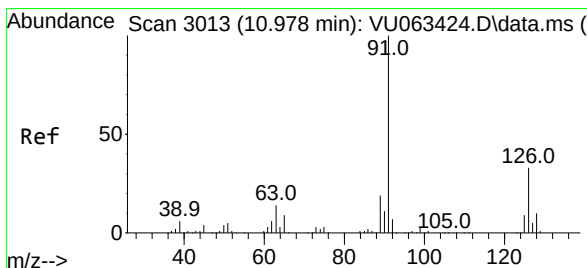
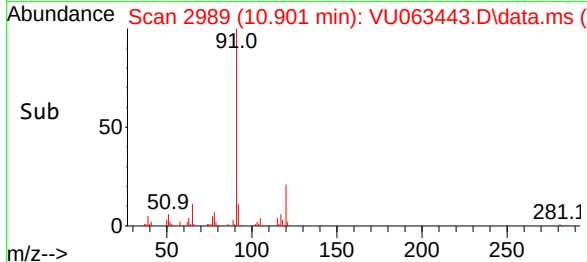
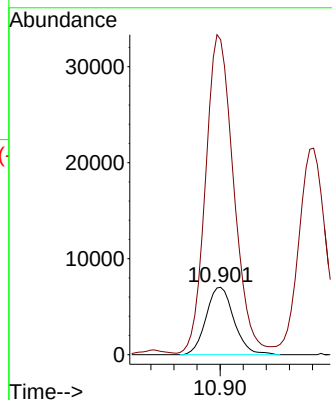
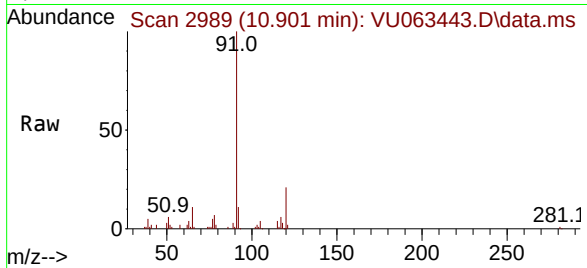




#73
n-propylbenzene
Concen: 0.782 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

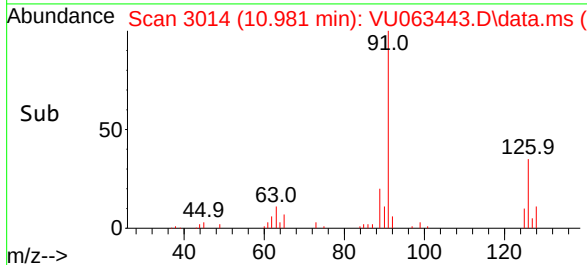
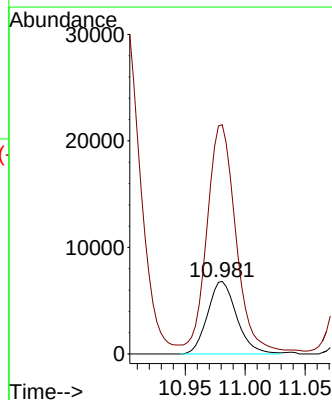
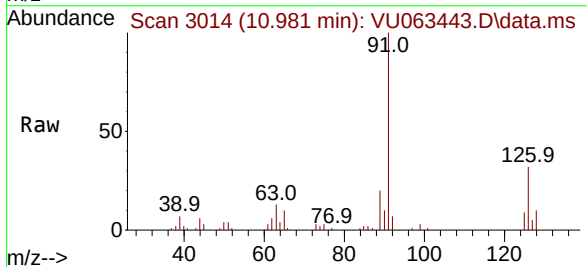
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

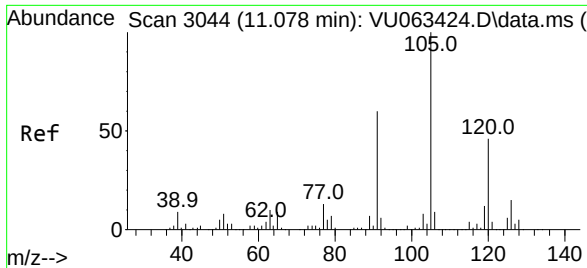
Tgt Ion:120 Resp: 11722
Ion Ratio Lower Upper
120 100
91 476.2 373.7 560.5



#74
2-Chlorotoluene
Concen: 0.837 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:126 Resp: 11473
Ion Ratio Lower Upper
126 100
91 310.5 0.0 650.8

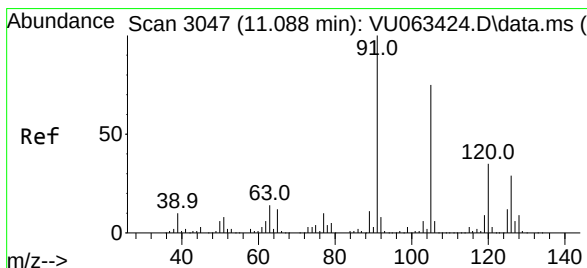
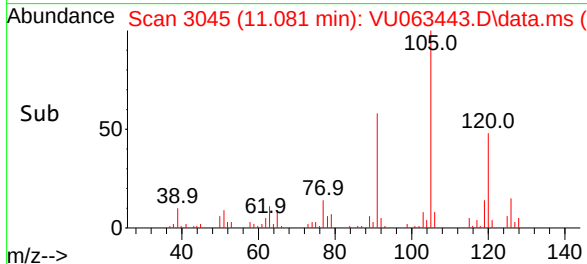
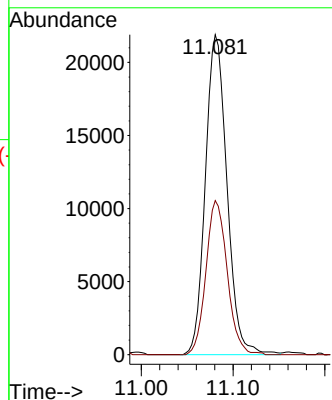
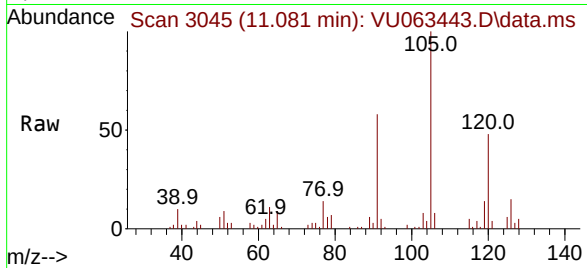




#75
1,3,5-Trimethylbenzene
Concen: 0.746 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

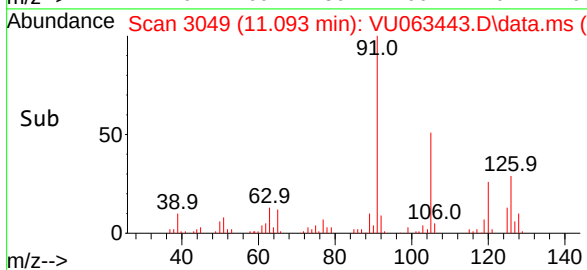
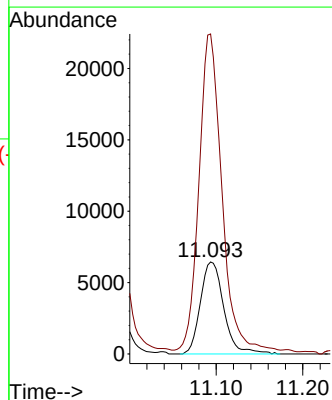
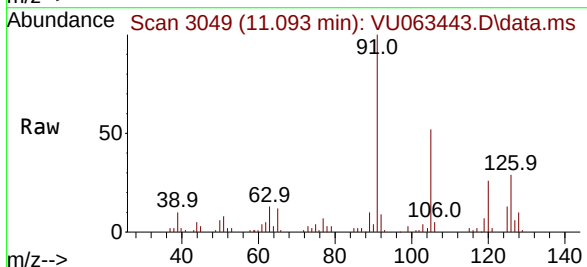
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025

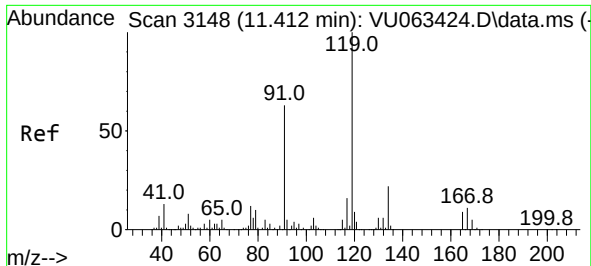
Tgt Ion:105 Resp: 35849
Ion Ratio Lower Upper
105 100
120 47.5 37.0 55.4



#76
4-Chlorotoluene
Concen: 0.842 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.005 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:126 Resp: 12103
Ion Ratio Lower Upper
126 100
91 333.0 0.0 713.2

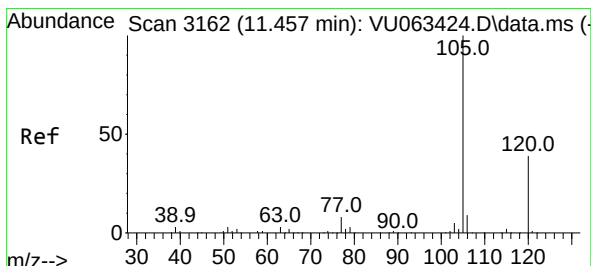
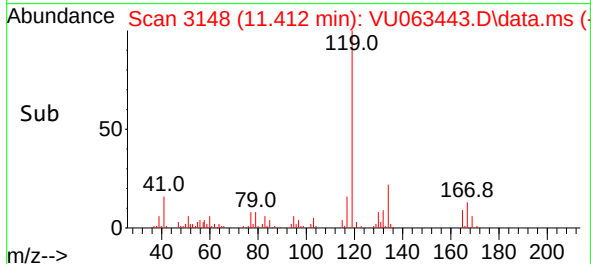
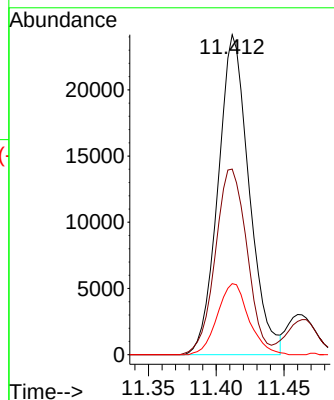
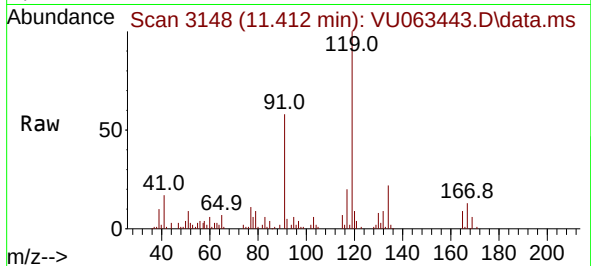




#77
tert-Butylbenzene
Concen: 0.849 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

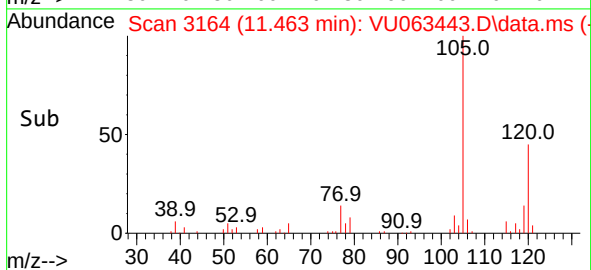
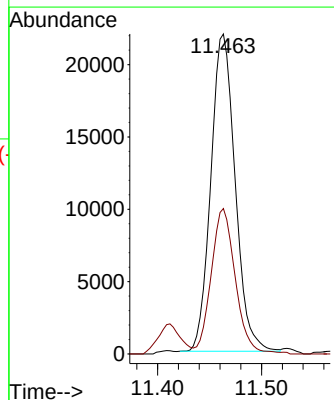
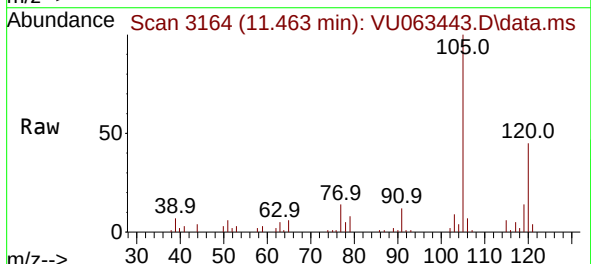
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

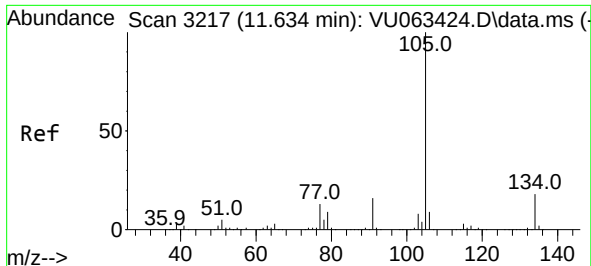
Tgt Ion:	119	Resp:	38574
Ion Ratio	Lower	Upper	
119	100		
91	59.1	30.9	92.7
134	22.5	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.737 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:	105	Resp:	35678
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.1	66.5

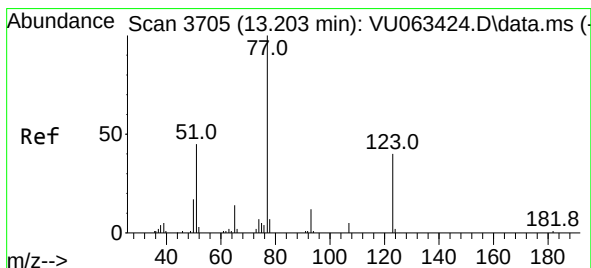
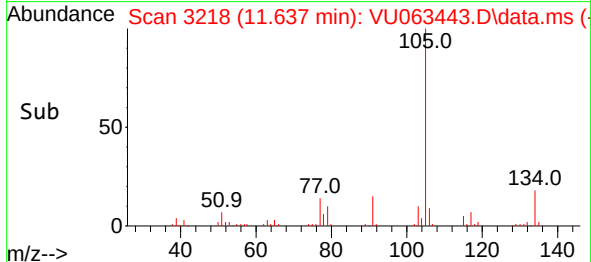
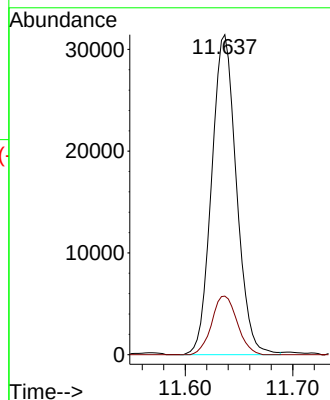
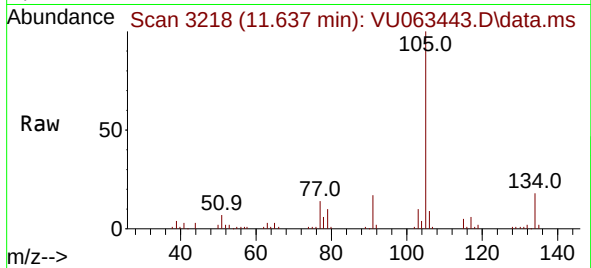




#79
 sec-Butylbenzene
 Concen: 0.783 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

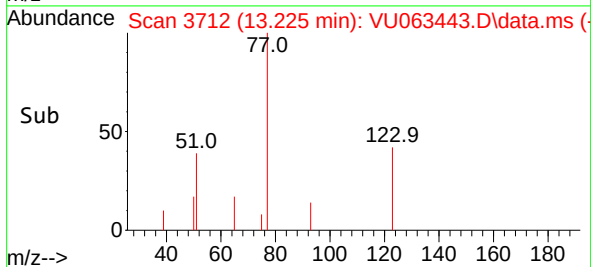
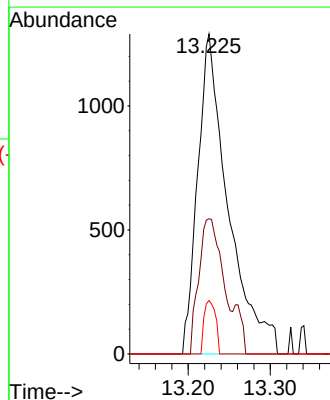
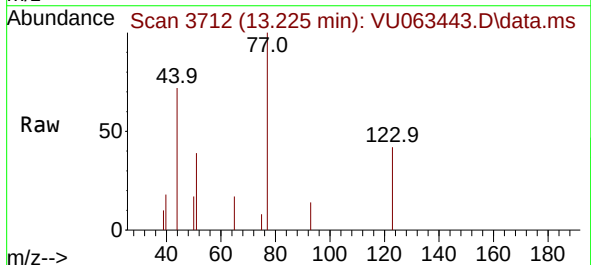
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

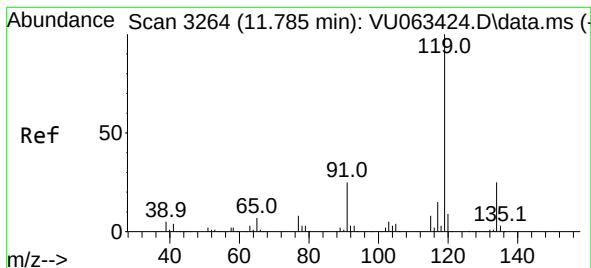
Tgt Ion:105 Resp: 50387
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.8 22.2



#80
 Nitrobenzene
 Concen: 5.075 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

Tgt Ion: 77 Resp: 3325
 Ion Ratio Lower Upper
 77 100
 123 25.1 19.6 69.6
 65 6.2 10.6 13.4#





#81

p-Isopropyltoluene

Concen: 0.752 ug/l

RT: 11.788 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

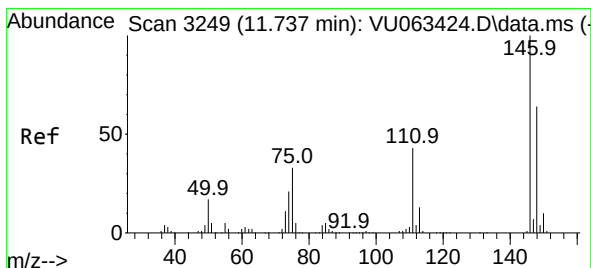
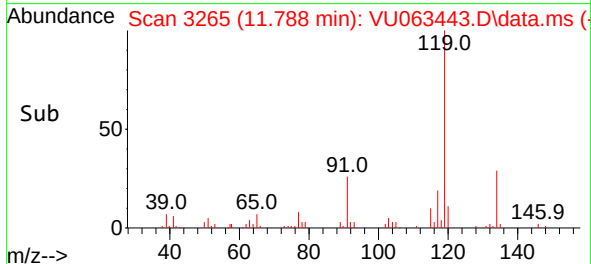
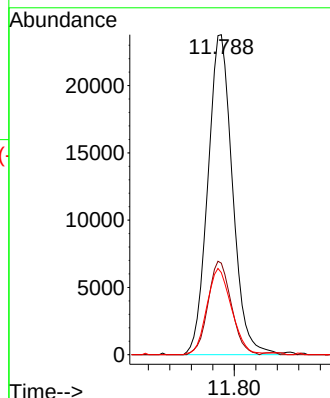
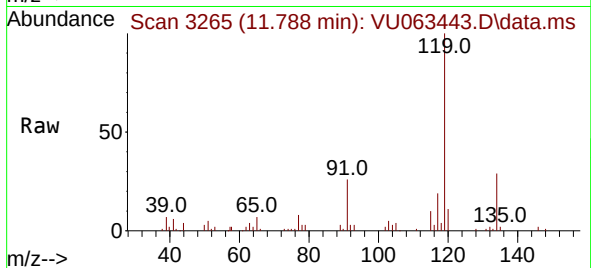
Tgt Ion:119 Resp: 37827

Ion Ratio Lower Upper

119 100

134 27.5 20.2 30.2

91 26.9 19.7 29.5



#82

1,3-Dichlorobenzene

Concen: 0.970 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU063443.D

Acq: 24 Jun 2025 17:54

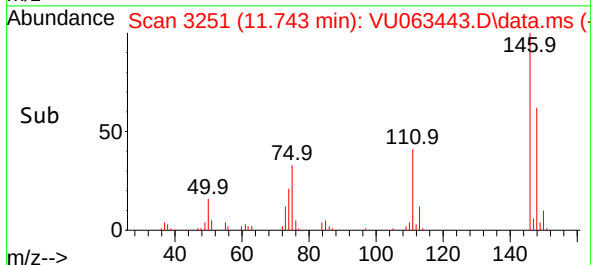
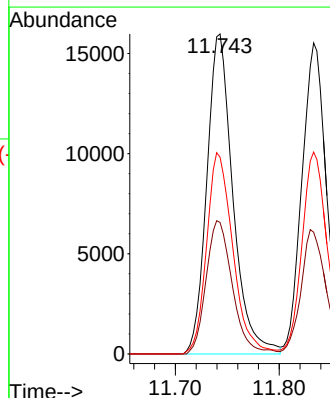
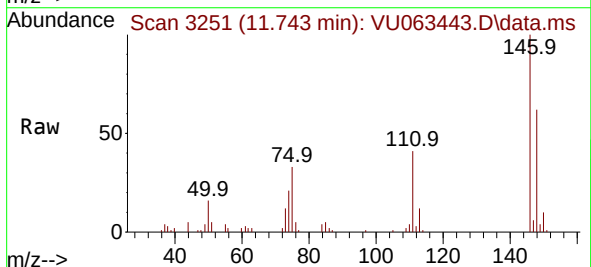
Tgt Ion:146 Resp: 27873

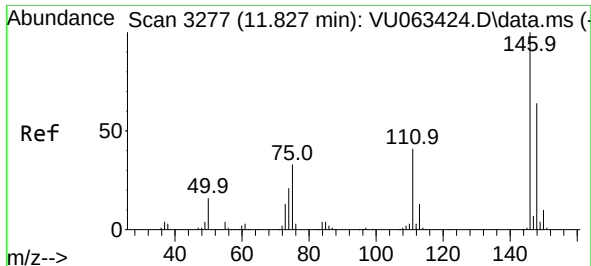
Ion Ratio Lower Upper

146 100

111 41.8 34.3 51.5

148 63.3 51.0 76.4

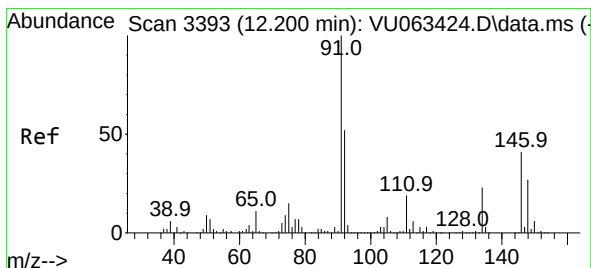
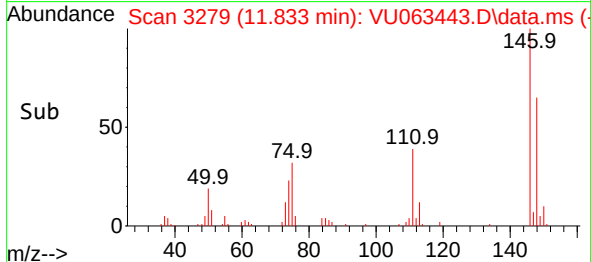
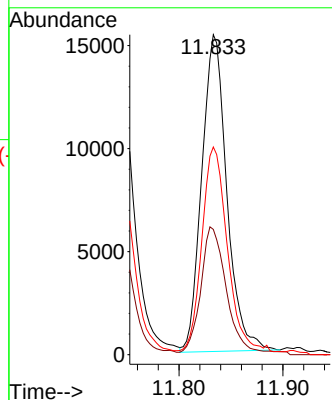
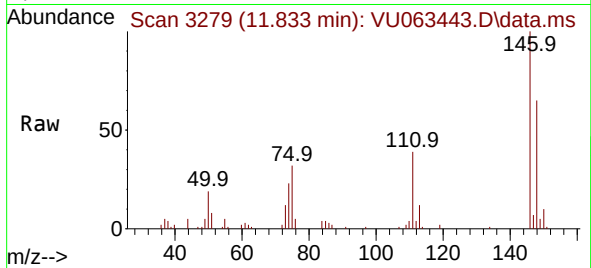




#83
1,4-Dichlorobenzene
Concen: 0.863 ug/l
RT: 11.833 min Scan# 311
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

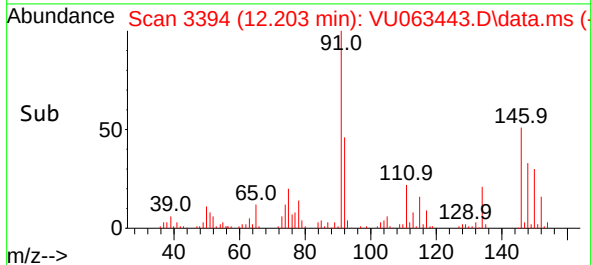
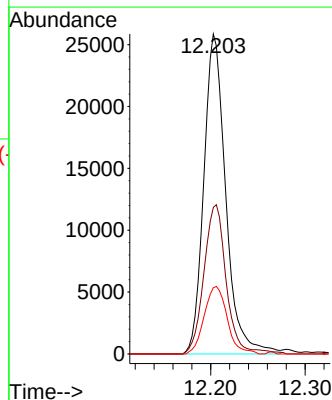
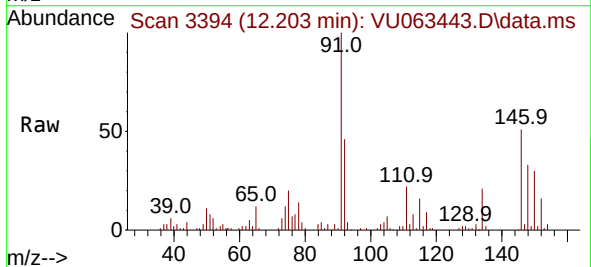
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

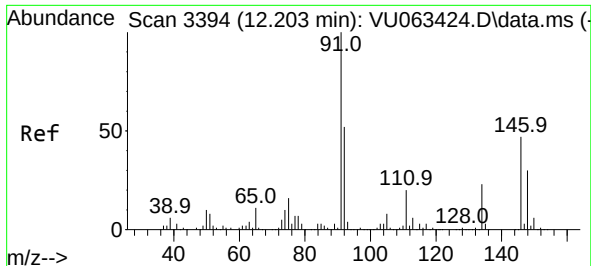
Tgt Ion:146 Resp: 25746
Ion Ratio Lower Upper
146 100
111 42.1 31.7 47.5
148 66.4 51.4 77.0



#84
n-Butylbenzene
Concen: 0.792 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion: 91 Resp: 41719
Ion Ratio Lower Upper
91 100
92 47.5 41.0 61.6
134 22.1 18.5 27.7

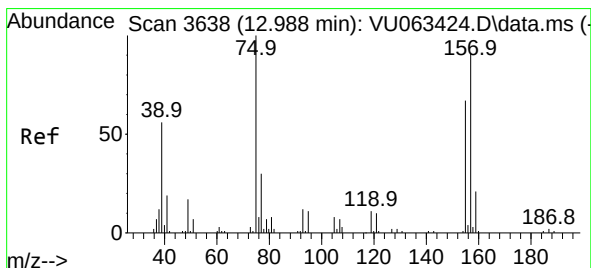
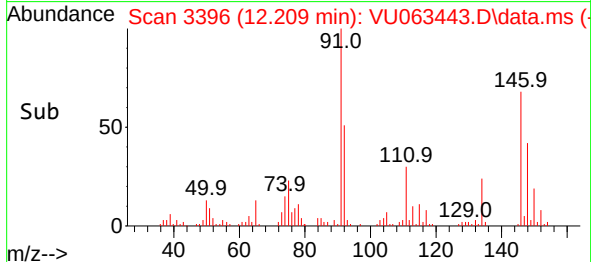
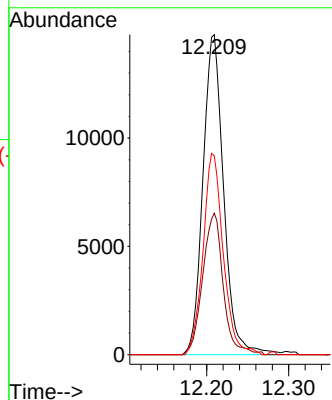
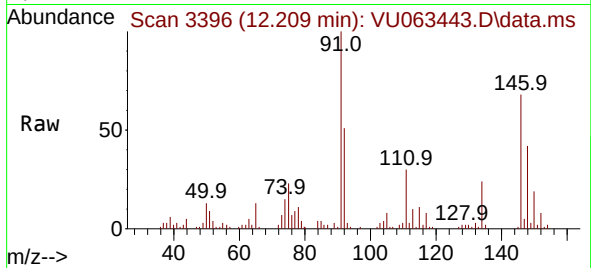




#85
 1,2-Dichlorobenzene
 Concen: 0.942 ug/l
 RT: 12.209 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

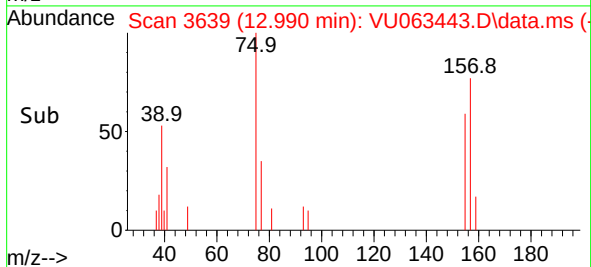
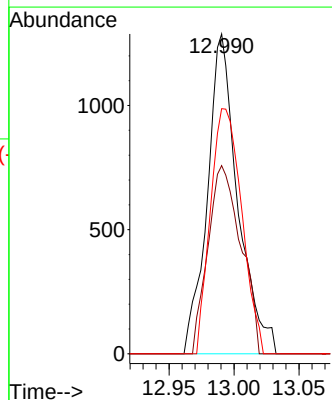
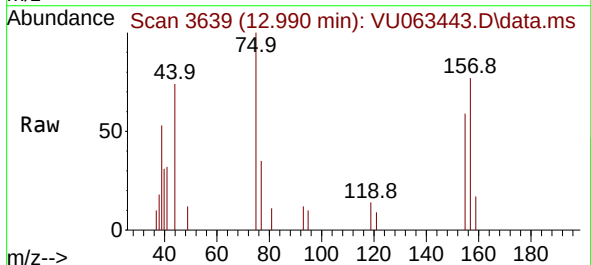
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

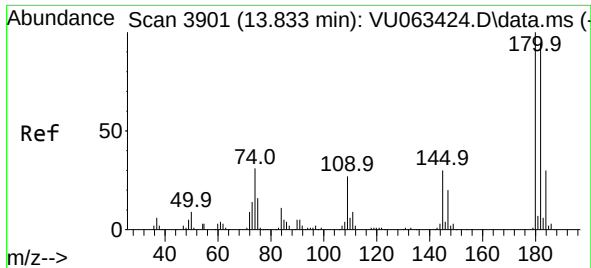
Tgt Ion:	146	Resp:	25911
Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.8	65.4
148	61.4	32.3	96.9



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.061 ug/l
 RT: 12.990 min Scan# 3639
 Delta R.T. 0.002 min
 Lab File: VU063443.D
 Acq: 24 Jun 2025 17:54

Tgt Ion:	75	Resp:	2098
Ion	Ratio	Lower	Upper
75	100		
155	63.9	59.7	89.5
157	78.6	75.0	112.4

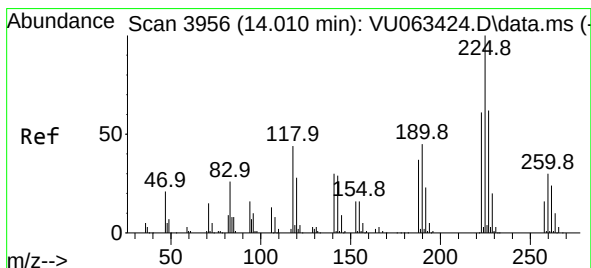
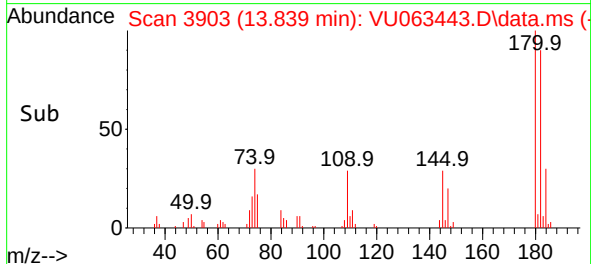
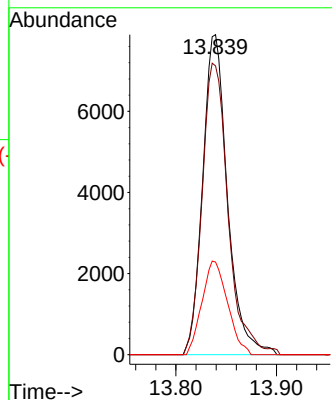
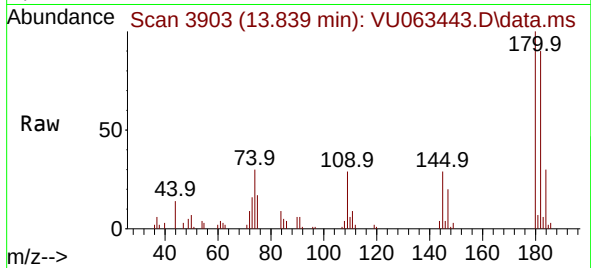




#87
1,2,4-Trichlorobenzene
Concen: 0.882 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

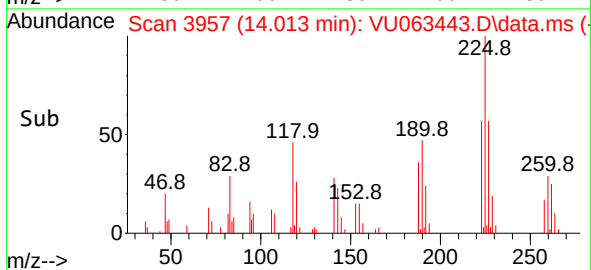
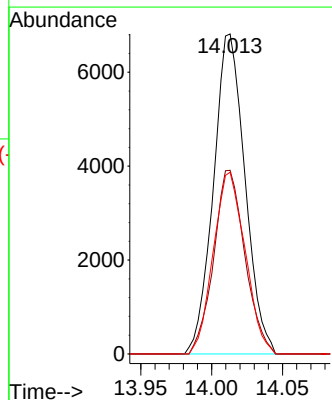
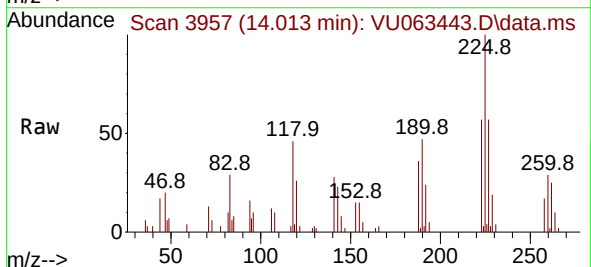
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

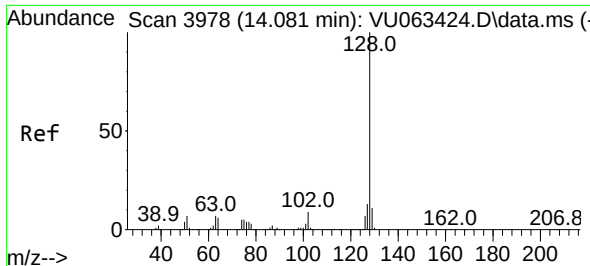
Tgt Ion:180 Resp: 13523
Ion Ratio Lower Upper
180 100
182 95.3 75.6 113.4
145 30.1 24.6 36.8



#88
Hexachlorobutadiene
Concen: 0.970 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:225 Resp: 10548
Ion Ratio Lower Upper
225 100
223 56.9 50.0 75.0
227 57.3 51.5 77.3

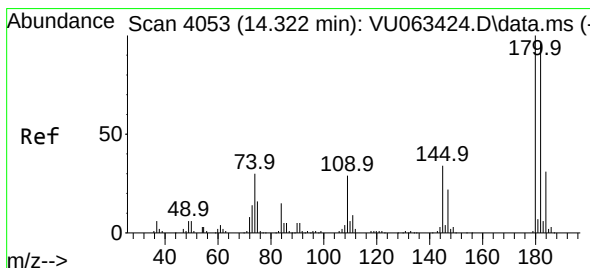
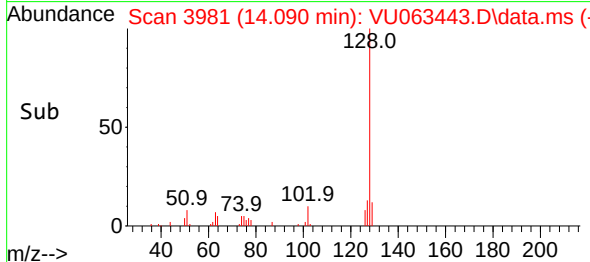
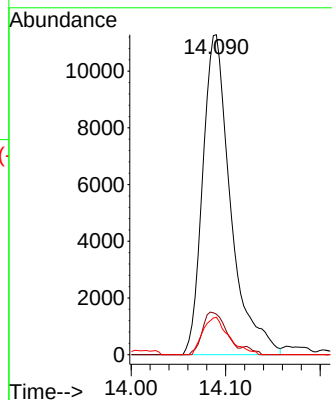
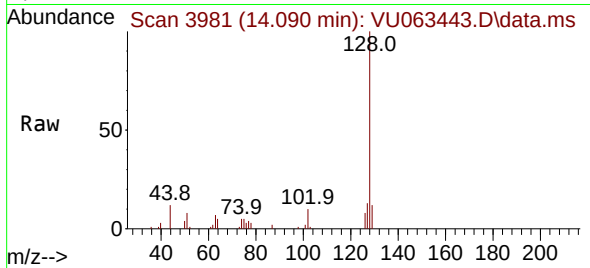




#89
Naphthalene
Concen: 0.906 ug/l
RT: 14.090 min Scan# 3978
Delta R.T. 0.009 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

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

Tgt Ion:128	Resp:	23149
Ion Ratio	Lower	Upper
128	100	
127	11.4	10.4 15.6
129	10.9	8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 0.856 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU063443.D
Acq: 24 Jun 2025 17:54

Tgt Ion:180	Resp:	13058
Ion Ratio	Lower	Upper
180	100	
182	97.6	76.7 115.1
145	33.1	27.4 41.2

