

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
 Data File : VU063453.D
 Acq On : 25 Jun 2025 12:01
 Operator : MD/SY
 Sample : Q2126-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 26 01:54:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 26 01:53:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	48619	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14882	0.834	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	15734	0.878	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	9987	0.535	ug/l	96
3) Chloromethane	1.518	50	12223	0.497	ug/l	98
4) Vinyl Chloride	1.599	62	11981	0.569	ug/l	97
5) Bromomethane	1.846	94	7269	0.720	ug/l	94
6) Chloroethane	1.927	64	7020	0.563	ug/l	91
7) Trichlorofluoromethane	2.129	101	12450	0.518	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	7126	0.557	ug/l	96
9) 1,1-Dichloroethene	2.570	96	7275	0.570	ug/l	90
10) Iodomethane	2.711	142	4378	0.425	ug/l	93
11) Allyl Chloride	2.911	41	11007	0.484	ug/l	100
12) Acrylonitrile	3.306	53	3907	1.059	ug/l	92
13) Acetone	2.621	43	12154	3.285	ug/l	97
14) Carbon Disulfide	2.775	76	23814	0.535	ug/l	96
15) Methylene Chloride	3.029	84	10159	0.628	ug/l	90
16) trans-1,2-Dichloroethene	3.335	96	7429	0.517	ug/l	90
17) 1,1-Dichloroethane	3.849	63	15525	0.515	ug/l	98
18) 2-Butanone	4.721	43	12943	2.514	ug/l	99
19) Cyclohexane	5.357	56	11467	0.503	ug/l	92
20) Methylcyclohexane	6.743	83	9449	0.446	ug/l	90
21) 2,2-Dichloropropane	4.644	77	11715	0.546	ug/l	96
22) cis-1,2-Dichloroethene	4.647	96	8099	0.517	ug/l	97
23) Diethyl Ether	2.370	59	5929	0.515	ug/l	96
24) tert-Butyl Alcohol	3.203	59	6777	5.585	ug/l	98
25) Methyl tert-Butyl Ether	3.364	73	17471	0.503	ug/l	93
26) Bromochloromethane	4.955	128	3012	0.494	ug/l	88
27) Chloroform	5.074	83	14510	0.513	ug/l	96
28) 1,1,1-Trichloroethane	5.293	97	12065	0.526	ug/l	98
29) 1,1-Dichloropropene	5.505	75	12182	0.582	ug/l	95
30) Carbon Tetrachloride	5.499	117	9095	0.497	ug/l	98
31) Isopropyl Ether	3.997	45	23526	0.499	ug/l	94
32) Ethyl-t-butyl ether	4.509	59	19538	0.489	ug/l	93
33) Tert-Amyl methyl ether	5.949	73	14006	0.490	ug/l	96
34) Propionitrile	4.785	54	4000	2.686	ug/l	# 96
35) Benzene	5.759	78	34514	0.545	ug/l	98
36) 1,2-Dichloroethane	5.785	62	9806	0.529	ug/l	# 95
37) Trichloroethene	6.531	130	8222	0.549	ug/l	86
38) 1,2-Dichloropropane	6.788	63	9231	0.528	ug/l	97
39) Methacrylonitrile	4.968	41	1609	0.260	ug/l	# 68
40) Methyl acrylate	4.853	55	4914	0.565	ug/l	# 89
41) Tetrahydrofuran	5.068	42	3604	1.081	ug/l	96
42) 1-Chlorobutane	5.438	56	15610	0.525	ug/l	98
43) Dibromomethane	6.914	93	4157	0.509	ug/l	98
44) Bromodichloromethane	7.100	83	10188	0.512	ug/l	100

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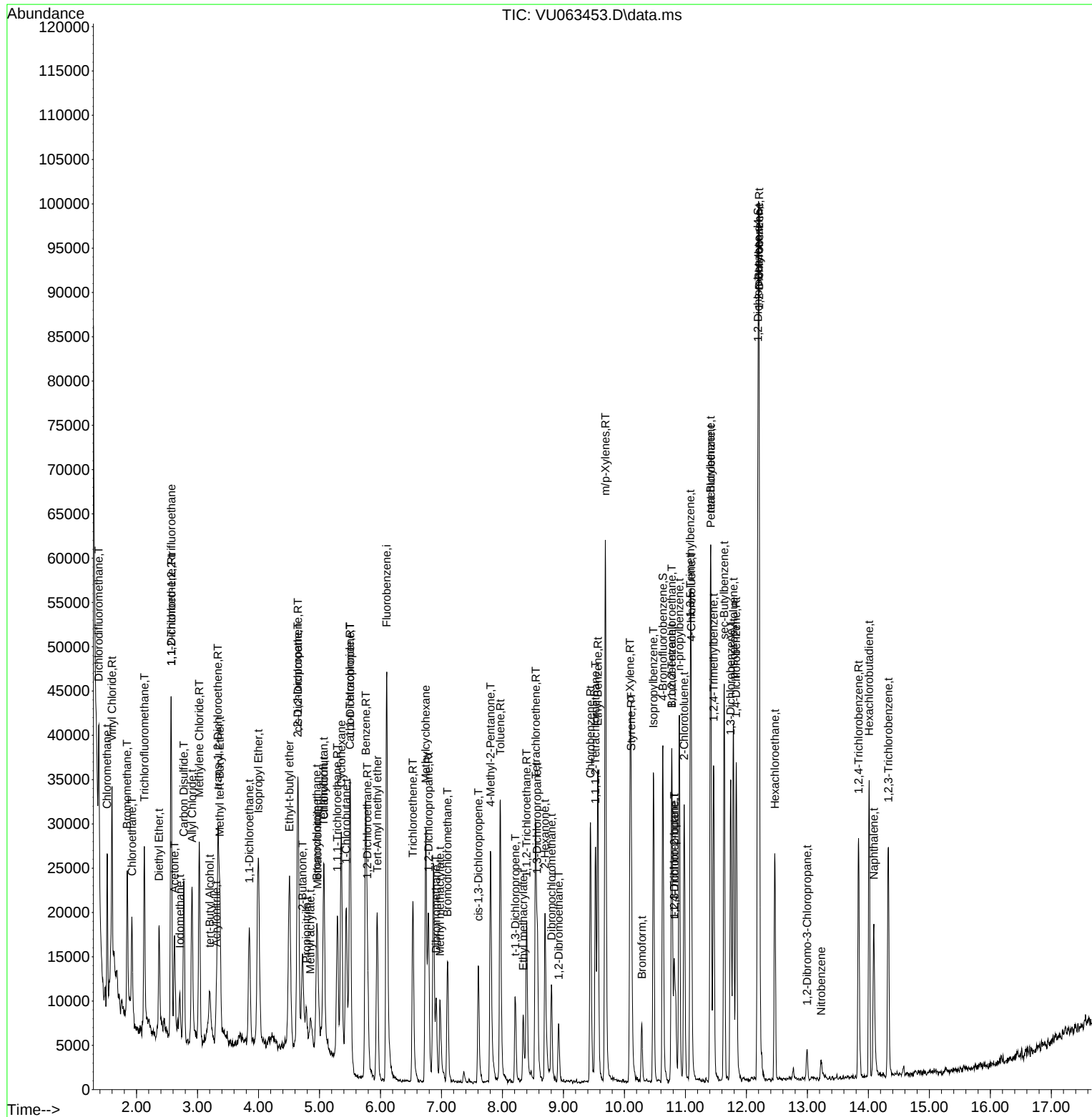
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.804	43	20182	2.300	ug/l	95
46) t-1,4-Dichloro-2-butene	10.820	75	8456	2.932	ug/l #	46
47) Methyl methacrylate	6.978	69	5531	0.873	ug/l	90
48) Ethyl methacrylate	8.341	69	5054	0.446	ug/l	95
49) Toluene	7.965	92	15601	0.449	ug/l	94
50) t-1,3-Dichloropropene	8.213	75	6690	0.466	ug/l	94
51) cis-1,3-Dichloropropene	7.605	75	9094	0.472	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	6242	0.522	ug/l	92
53) 1,3-Dichloropropane	8.569	76	10394	0.506	ug/l	97
54) 2-Hexanone	8.698	43	14638	2.487	ug/l	90
55) Dibromochloromethane	8.804	129	6077	0.493	ug/l	97
56) 1,2-Dibromoethane	8.923	107	4814	0.497	ug/l	98
58) Tetrachloroethene	8.547	164	6958	0.474	ug/l	89
59) Chlorobenzene	9.444	112	18077	0.485	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.524	131	7184	0.536	ug/l	96
61) Pentachloroethane	11.418	117	5929	0.543	ug/l	92
62) Hexachloroethane	12.466	117	4619	0.470	ug/l	99
63) Ethyl Benzene	9.563	91	25834	0.433	ug/l	98
64) m/p-Xylenes	9.688	106	18914	0.812	ug/l	97
65) o-Xylene	10.094	106	8920	0.393	ug/l	95
66) Styrene	10.113	104	14948	0.405	ug/l	98
67) Bromoform	10.286	173	2818	0.418	ug/l #	99
69) Isopropylbenzene	10.476	105	22024	0.419	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	8076	0.528	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	8456	0.677	ug/l #	86
72) Bromobenzene	10.775	156	6685	0.453	ug/l	90
73) n-propylbenzene	10.901	120	6497	0.408	ug/l	87
74) 2-Chlorotoluene	10.981	126	6216	0.426	ug/l	84
75) 1,3,5-Trimethylbenzene	11.081	105	20036	0.392	ug/l	98
76) 4-Chlorotoluene	11.097	126	6257	0.410	ug/l	99
77) tert-Butylbenzene	11.412	119	21175	0.439	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	20892	0.406	ug/l	95
79) sec-Butylbenzene	11.637	105	28718	0.420	ug/l	99
80) Nitrobenzene	13.225	77	1692	2.430	ug/l #	80
81) p-Isopropyltoluene	11.788	119	21741	0.407	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	15204	0.498	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	15154	0.478	ug/l	94
84) n-Butylbenzene	12.203	91	25842	0.462	ug/l	93
85) 1,2-Dichlorobenzene	12.209	146	14500	0.496	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1210	0.576	ug/l #	89
87) 1,2,4-Trichlorobenzene	13.839	180	9081	0.557	ug/l	96
88) Hexachlorobutadiene	14.013	225	6257	0.541	ug/l	97
89) Naphthalene	14.090	128	18365	0.676	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	9420	0.581	ug/l	98

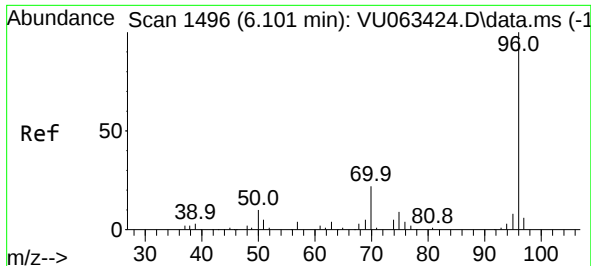
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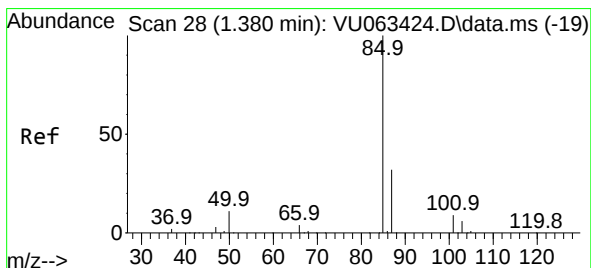
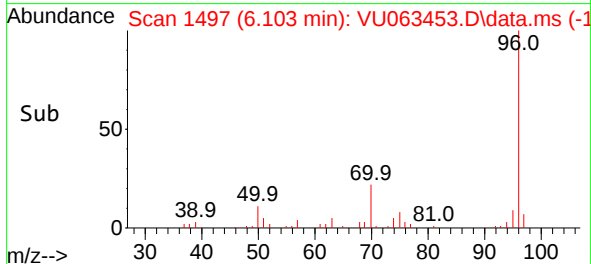
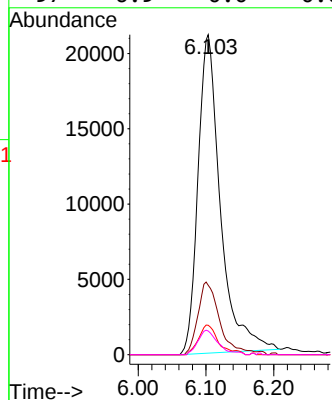
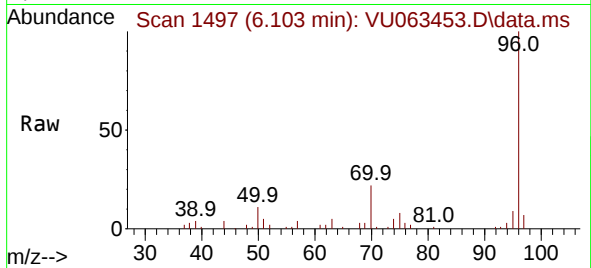




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1496
Delta R.T. 0.002 min
Lab File: VU063453.D
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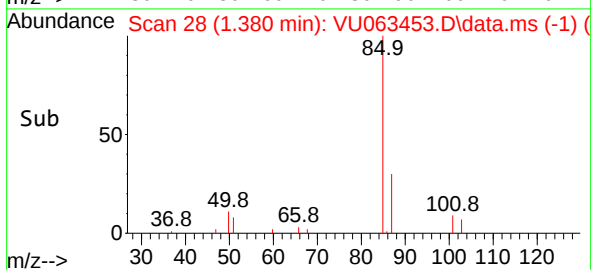
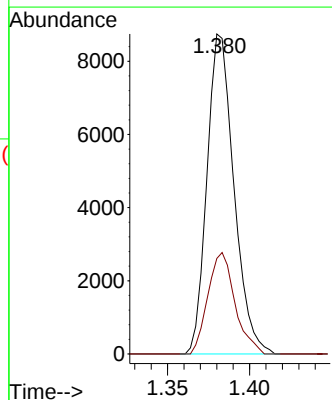
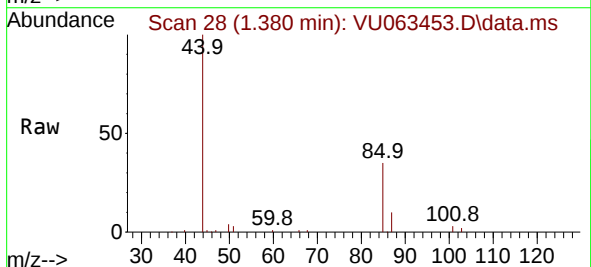
Instrument :
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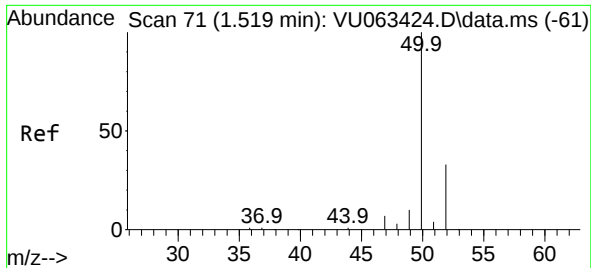
Tgt Ion: 96	Resp: 48619
Ion Ratio	Lower Upper
96 100	
70 20.8	16.4 24.6
95 8.3	6.2 9.2
97 6.9	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.535 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063453.D
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Tgt Ion: 85	Resp: 9987
Ion Ratio	Lower Upper
85 100	
87 29.9	16.2 48.5

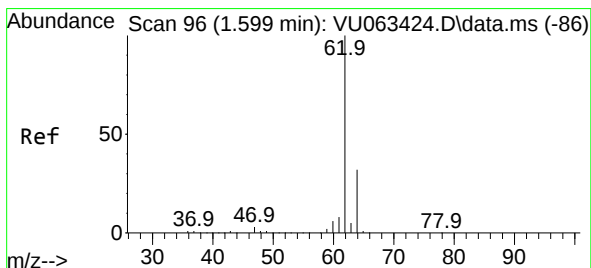
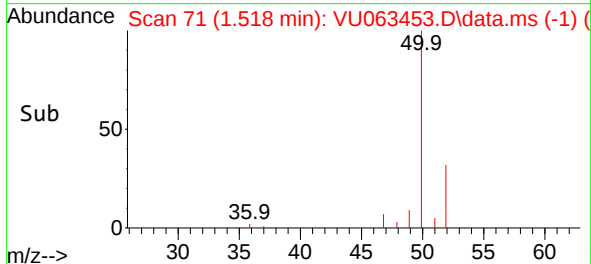
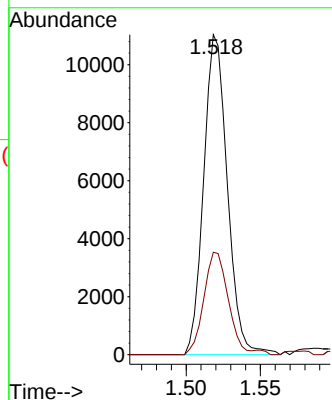
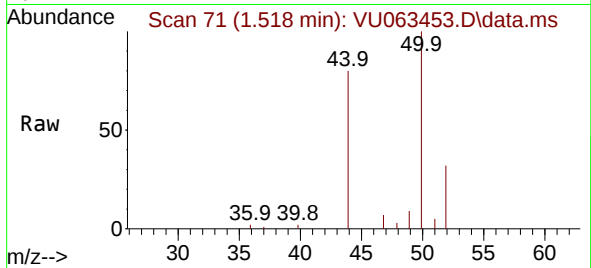




#3
Chloromethane
Concen: 0.497 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

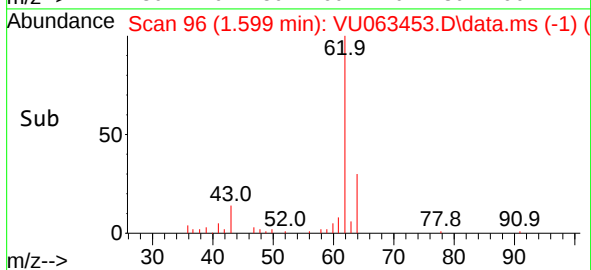
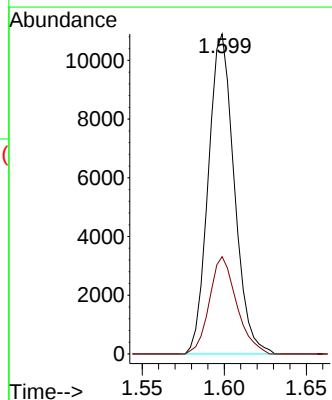
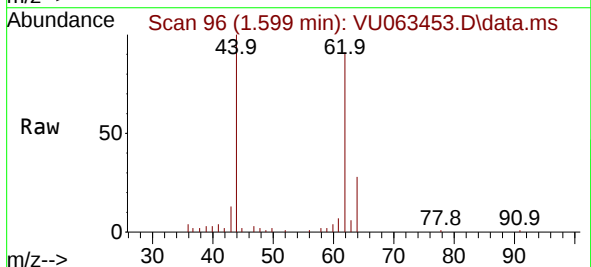
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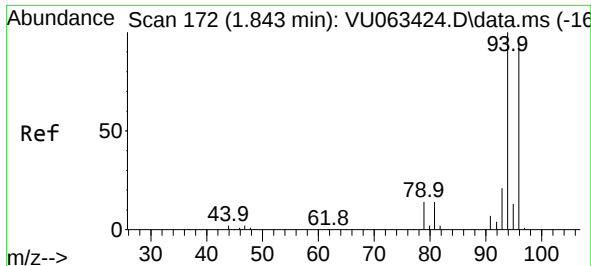
Tgt Ion: 50 Resp: 12223
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 0.569 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 62 Resp: 11981
Ion Ratio Lower Upper
62 100
64 30.4 25.7 38.5

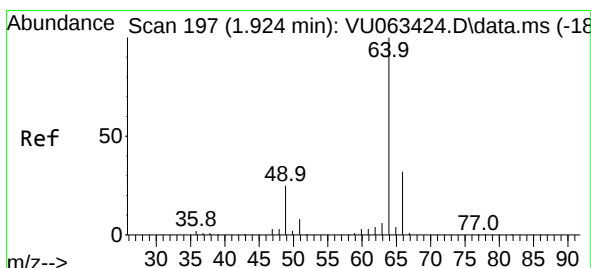
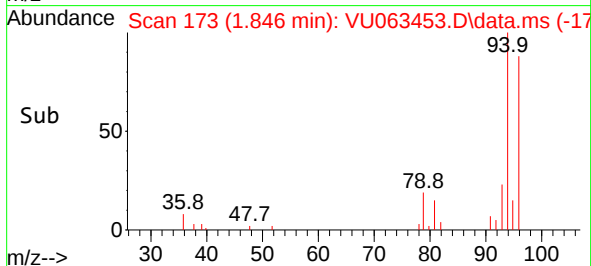
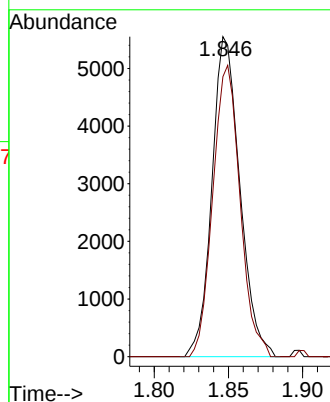
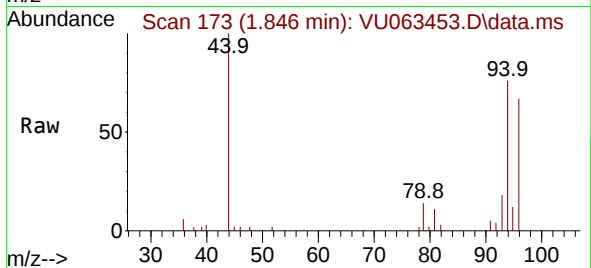




#5
Bromomethane
Concen: 0.720 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063453.D
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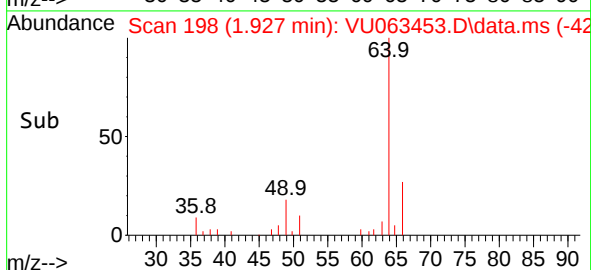
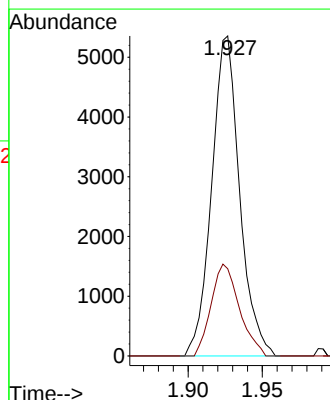
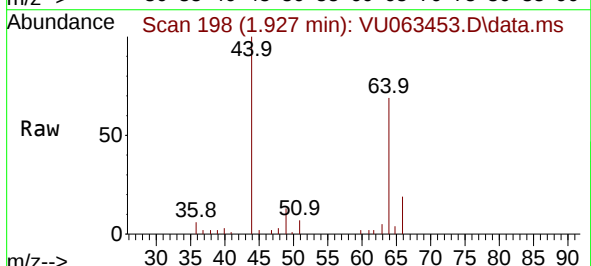
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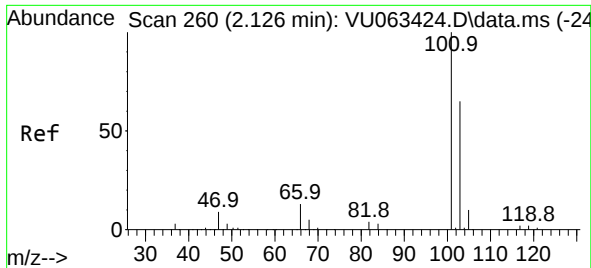
Tgt Ion: 94 Resp: 7269
Ion Ratio Lower Upper
94 100
96 87.5 74.8 112.2



#6
Chloroethane
Concen: 0.563 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 64 Resp: 7020
Ion Ratio Lower Upper
64 100
66 27.3 25.7 38.5

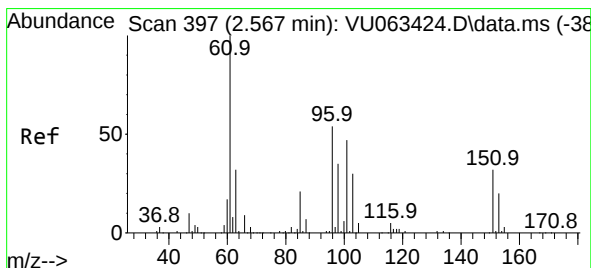
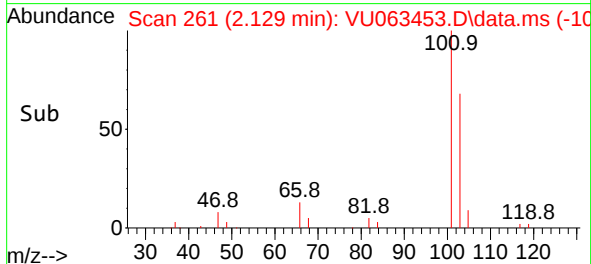
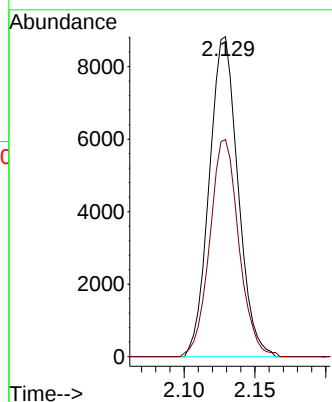
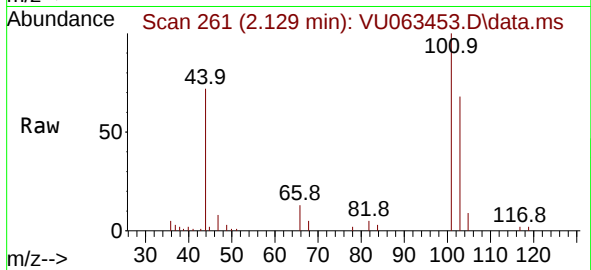




#7
 Trichlorofluoromethane
 Concen: 0.518 ug/l
 RT: 2.129 min Scan# 2
 Delta R.T. 0.003 min
 Lab File: VU063453.D
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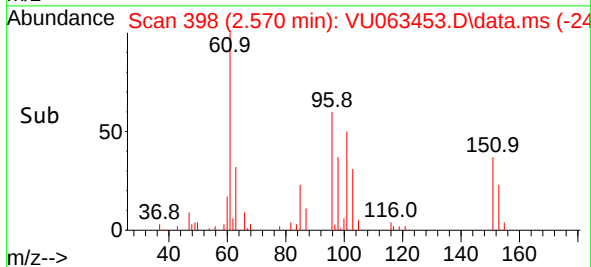
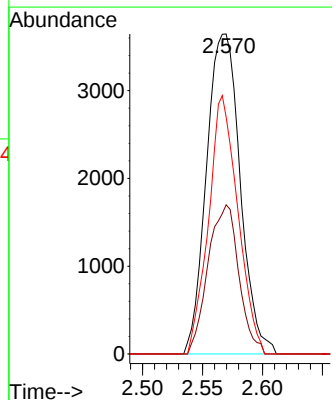
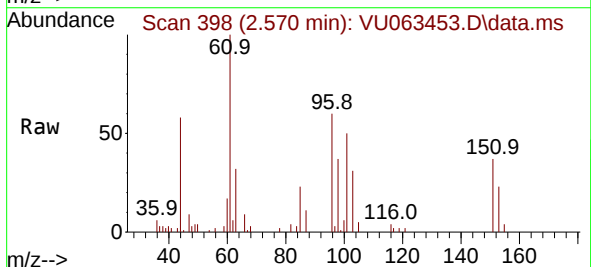
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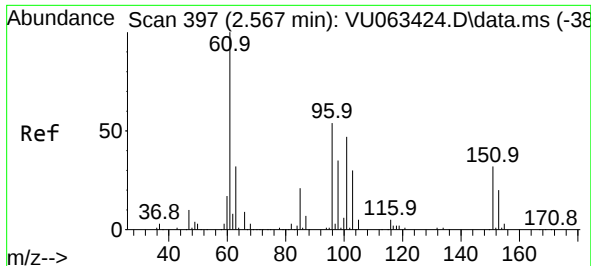
Tgt Ion:101 Resp: 12450
 Ion Ratio Lower Upper
 101 100
 103 67.8 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.557 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063453.D
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Tgt Ion:101 Resp: 7126
 Ion Ratio Lower Upper
 101 100
 85 42.6 36.7 55.1
 151 70.2 53.9 80.9

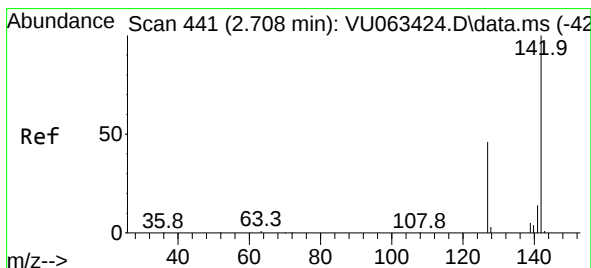
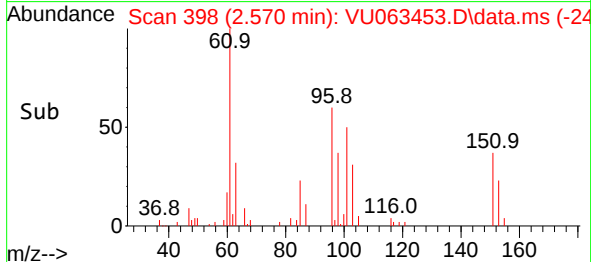
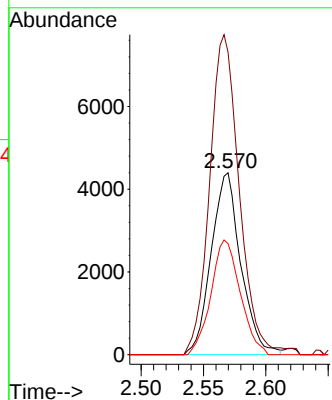
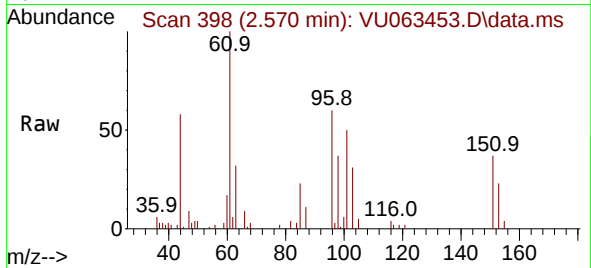




#9
1,1-Dichloroethene
Concen: 0.570 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063453.D
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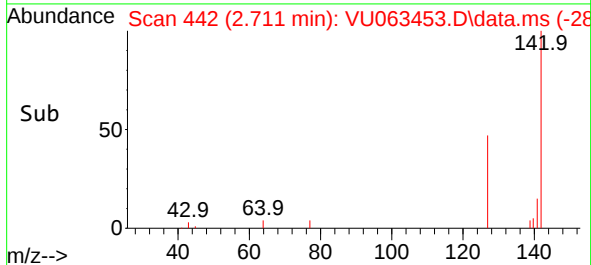
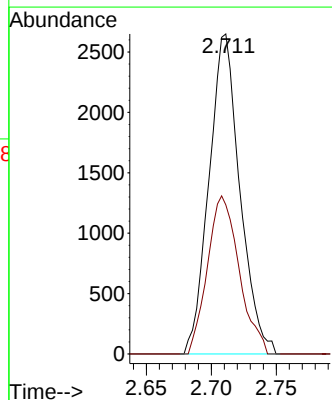
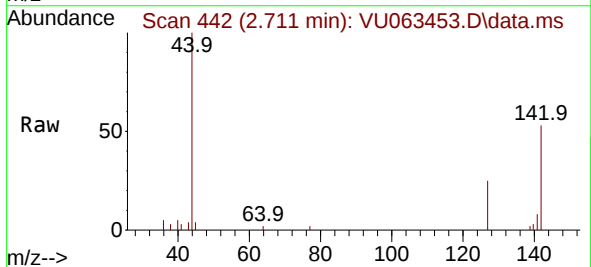
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ClientSampleId :
LOQ-WATER-02-QT2-2025

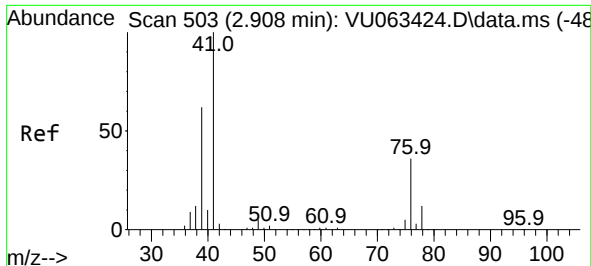
Tgt Ion: 96 Resp: 7275
Ion Ratio Lower Upper
96 100
61 166.3 0.0 552.0
98 61.0 0.0 128.4



#10
Iodomethane
Concen: 0.425 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 142 Resp: 4378
Ion Ratio Lower Upper
142 100
127 50.7 36.9 55.3

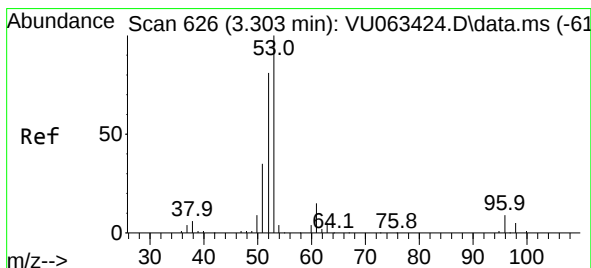
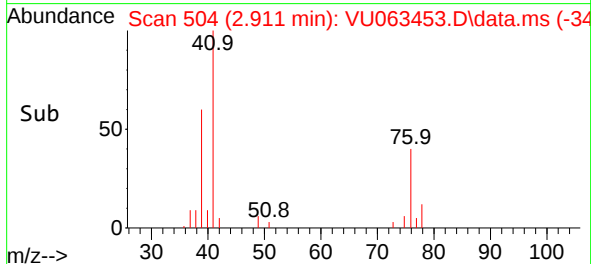
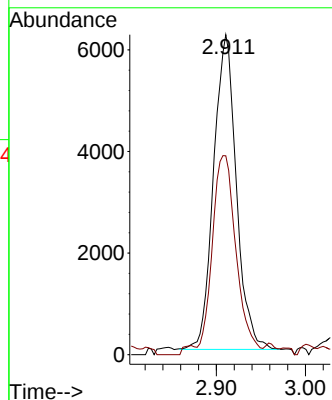
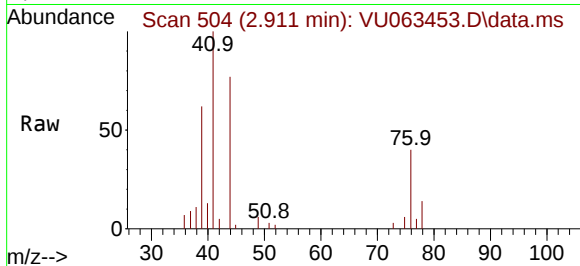




#11
 Allyl Chloride
 Concen: 0.484 ug/l
 RT: 2.911 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

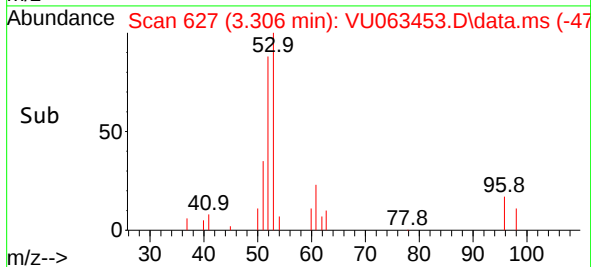
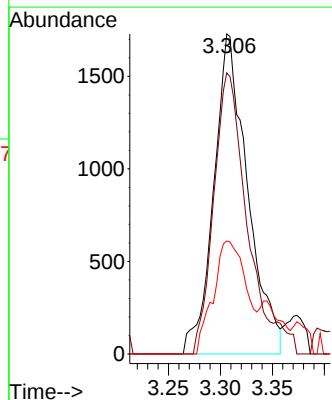
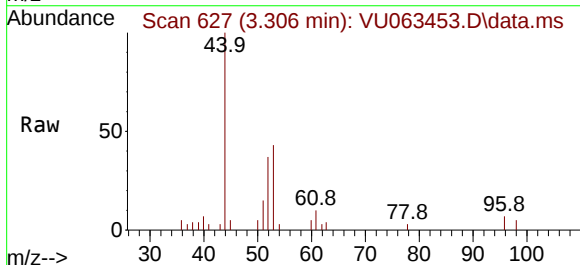
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

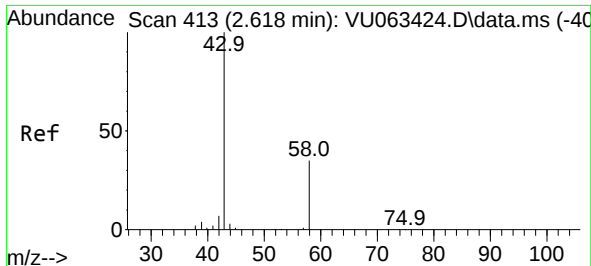
Tgt Ion: 41 Resp: 11007
 Ion Ratio Lower Upper
 41 100
 39 63.2 50.3 75.5



#12
 Acrylonitrile
 Concen: 1.059 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

Tgt Ion: 53 Resp: 3907
 Ion Ratio Lower Upper
 53 100
 52 87.4 62.8 94.2
 51 34.5 26.2 39.4





#13

Acetone

Concen: 3.285 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

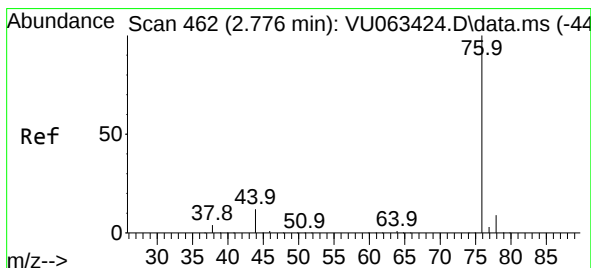
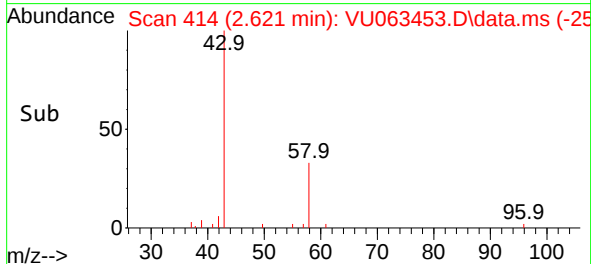
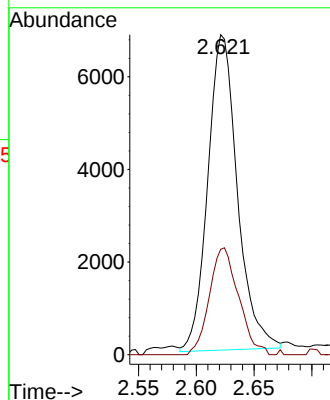
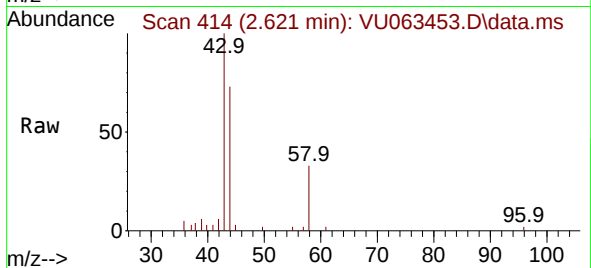
LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 12154

Ion Ratio Lower Upper

43 100

58 33.7 28.3 42.5



#14

Carbon Disulfide

Concen: 0.535 ug/l

RT: 2.775 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063453.D

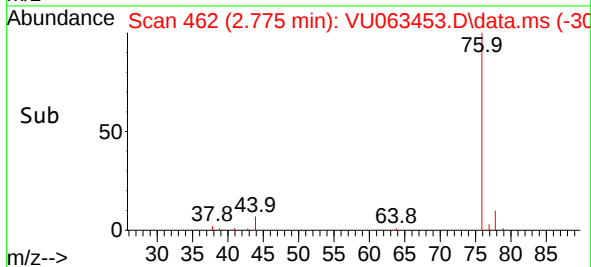
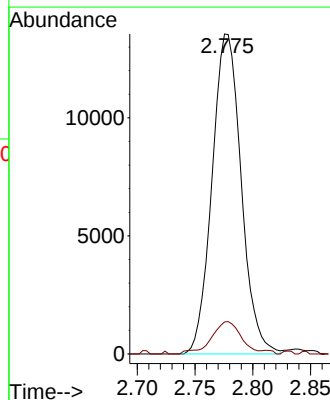
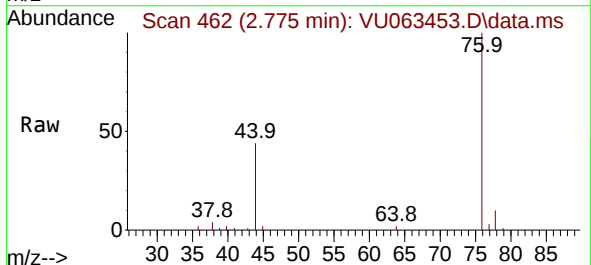
Acq: 25 Jun 2025 12:01

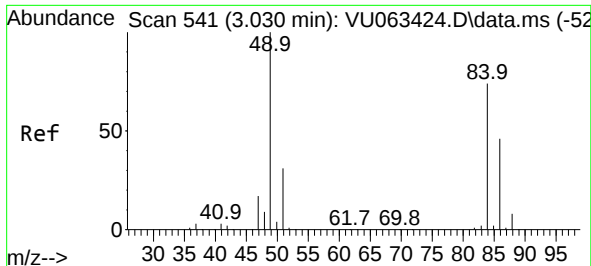
Tgt Ion: 76 Resp: 23814

Ion Ratio Lower Upper

76 100

78 10.0 6.9 10.3

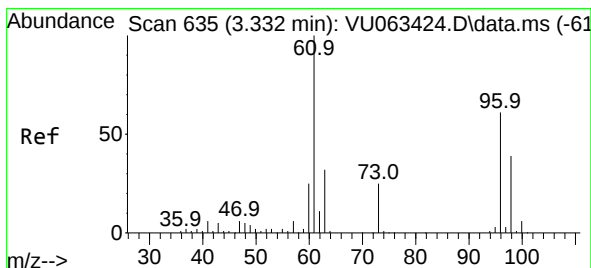
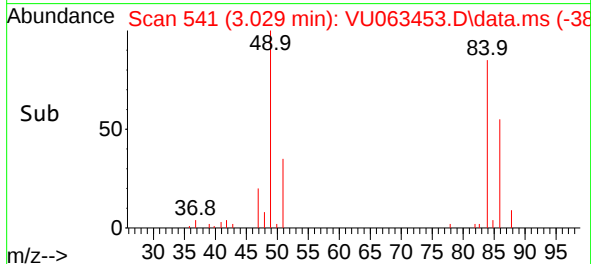
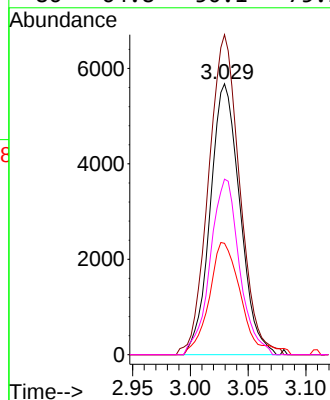
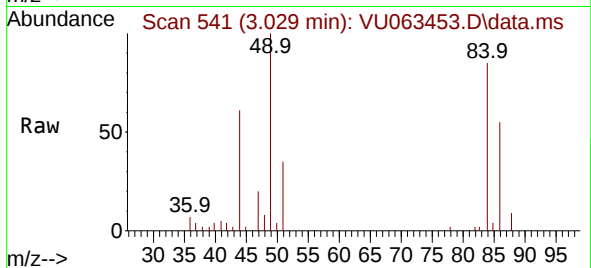




#15
Methylene Chloride
Concen: 0.628 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

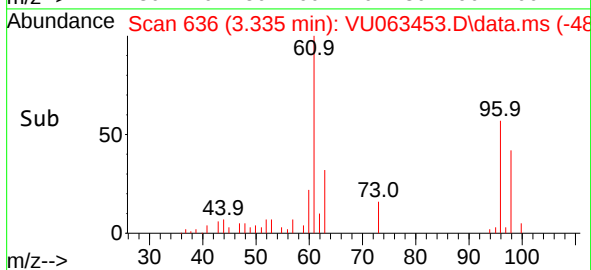
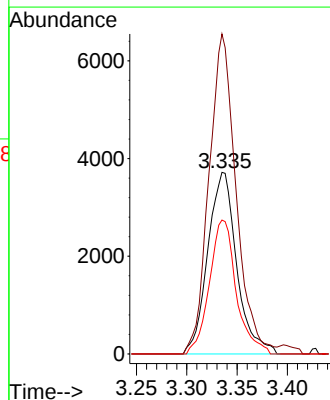
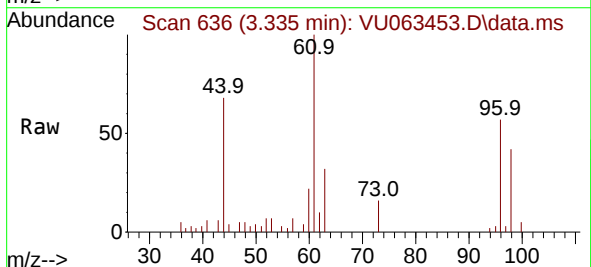
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

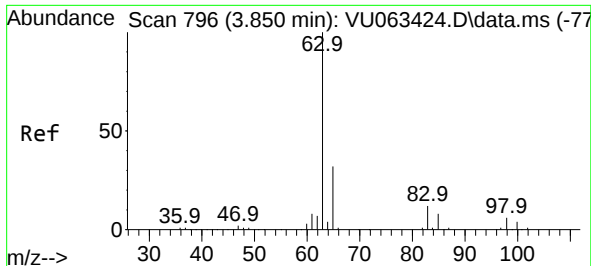
Tgt Ion:	84	Resp:	10159
Ion	Ratio	Lower	Upper
84	100		
49	116.0	108.7	163.1
51	41.1	0.0	83.8
86	64.8	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 0.517 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:	96	Resp:	7429
Ion	Ratio	Lower	Upper
96	100		
61	176.3	132.1	198.1
98	73.8	51.0	76.4

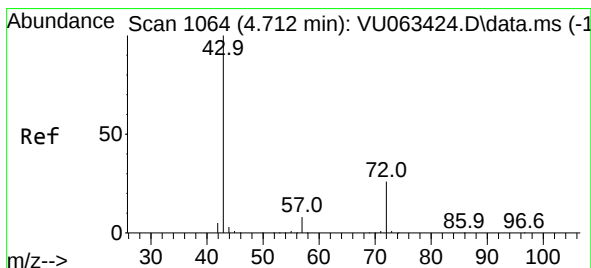
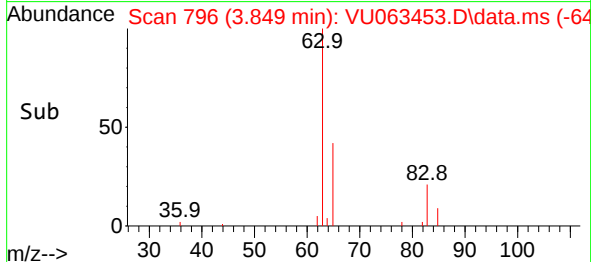
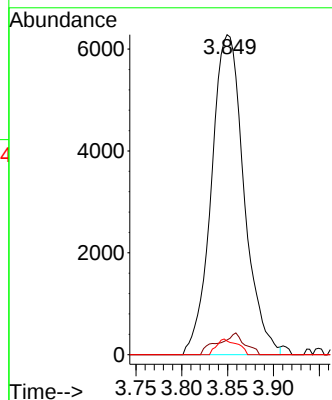
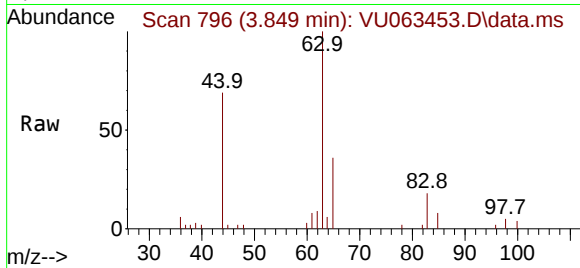




#17
 1,1-Dichloroethane
 Concen: 0.515 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

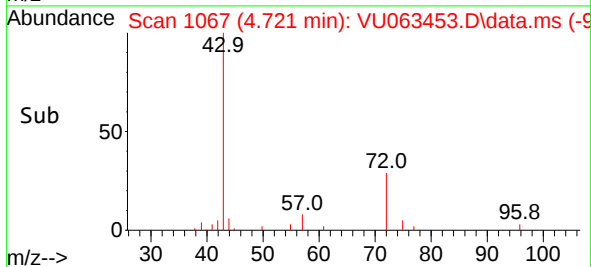
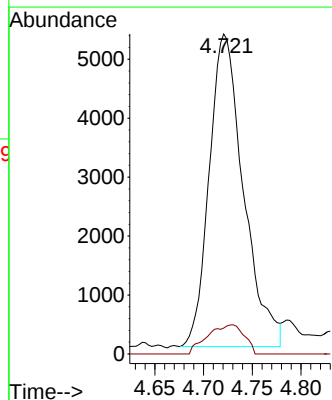
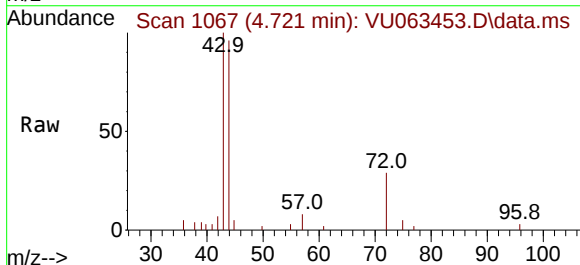
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

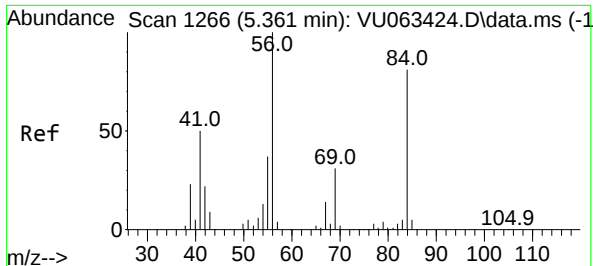
Tgt Ion: 63 Resp: 15525
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.8 8.4
 100 4.3 1.9 5.7



#18
 2-Butanone
 Concen: 2.514 ug/l
 RT: 4.721 min Scan# 1067
 Delta R.T. 0.009 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

Tgt Ion: 43 Resp: 12943
 Ion Ratio Lower Upper
 43 100
 57 8.3 0.0 16.0





#19

Cyclohexane

Concen: 0.503 ug/l

RT: 5.357 min Scan# 11

Delta R.T. -0.004 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

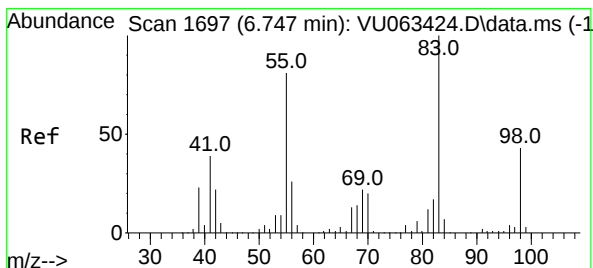
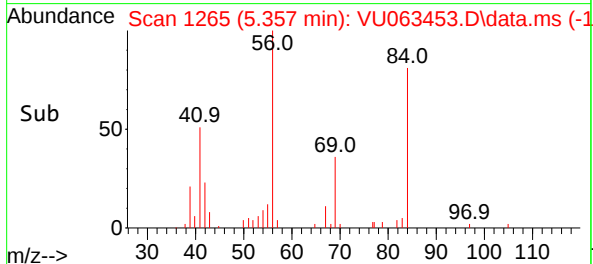
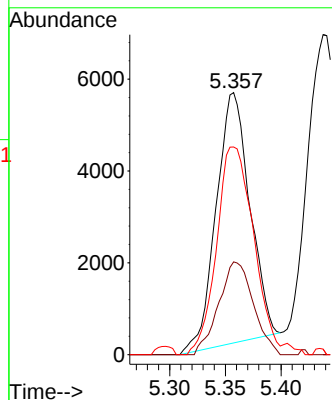
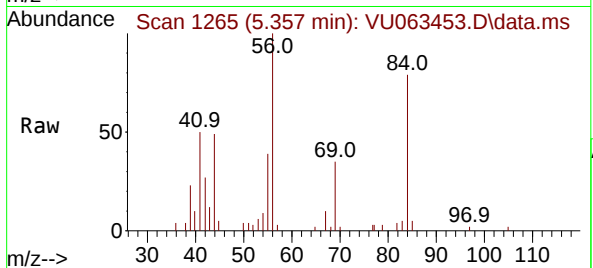
Tgt Ion: 56 Resp: 11467

Ion Ratio Lower Upper

56 100

69 38.1 26.4 39.6

84 92.6 68.6 102.8



#20

Methylcyclohexane

Concen: 0.446 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. -0.004 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

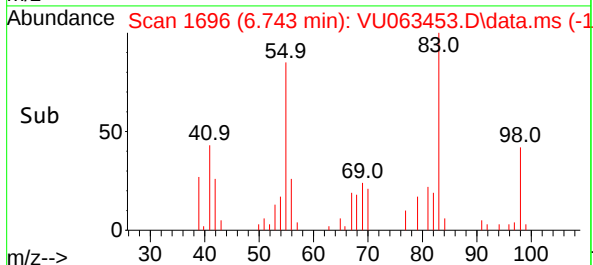
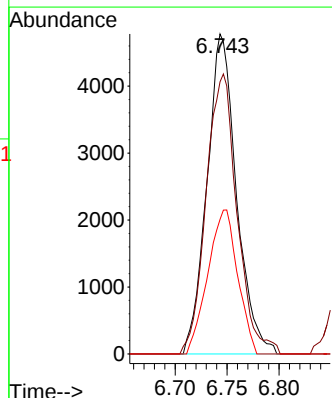
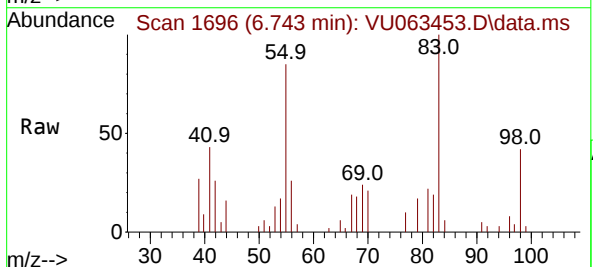
Tgt Ion: 83 Resp: 9449

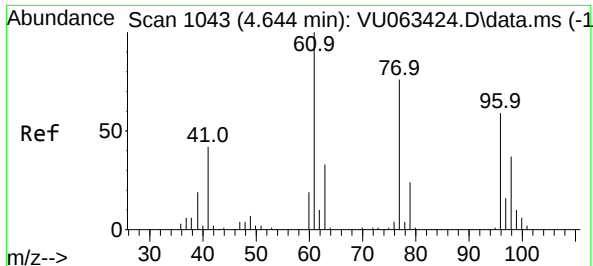
Ion Ratio Lower Upper

83 100

55 91.7 63.5 95.3

98 45.3 34.2 51.4





#21

2,2-Dichloropropane

Concen: 0.546 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

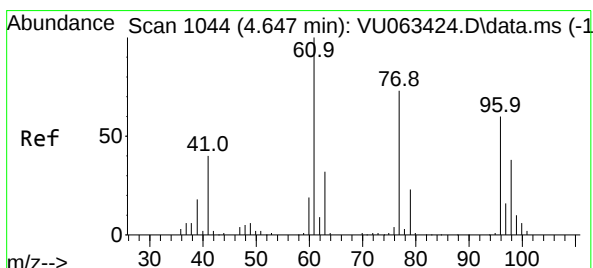
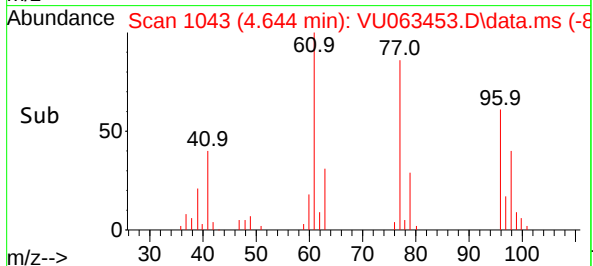
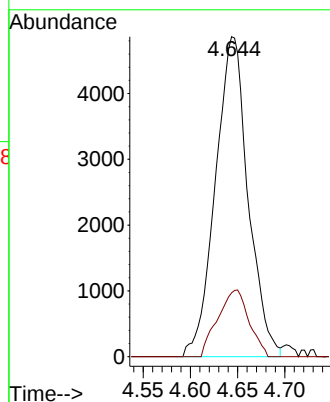
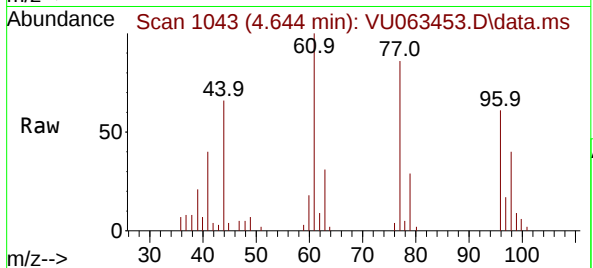
LOQ-WATER-02-QT2-2025

Tgt Ion: 77 Resp: 11715

Ion Ratio Lower Upper

77 100

97 19.8 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 0.517 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

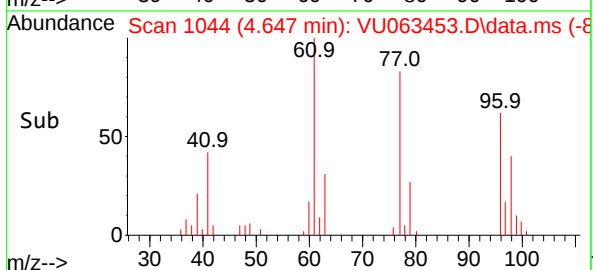
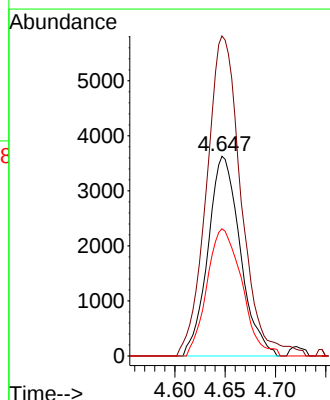
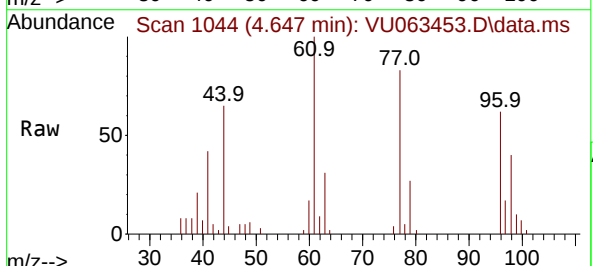
Tgt Ion: 96 Resp: 8099

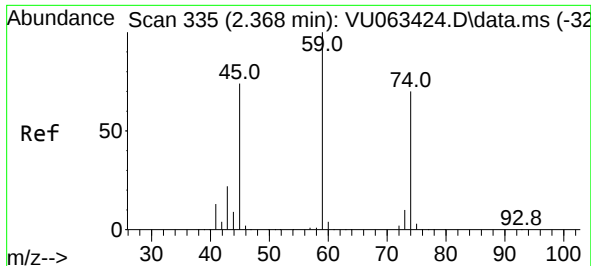
Ion Ratio Lower Upper

96 100

61 171.6 0.0 434.3

98 68.6 31.9 95.7

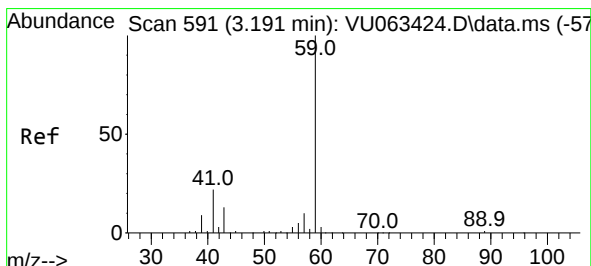
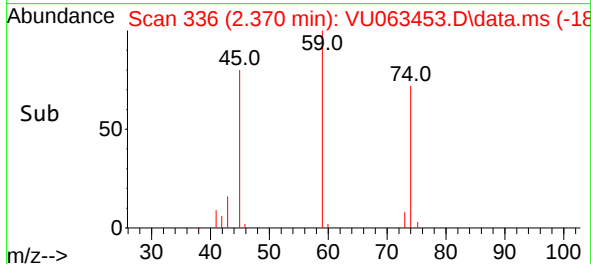
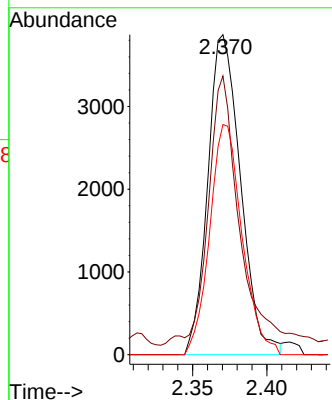
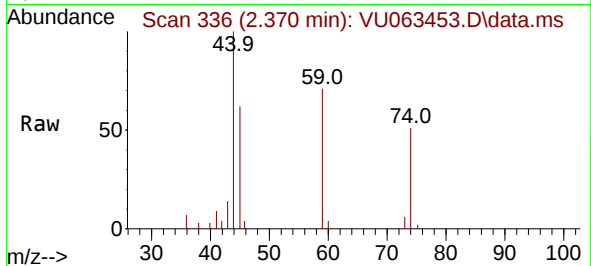




#23
Diethyl Ether
Concen: 0.515 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

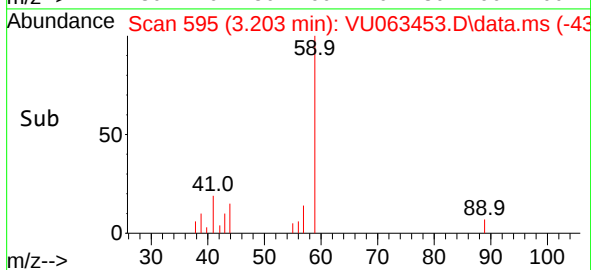
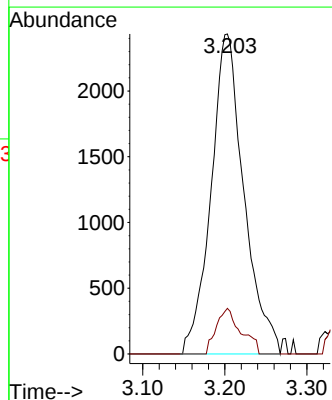
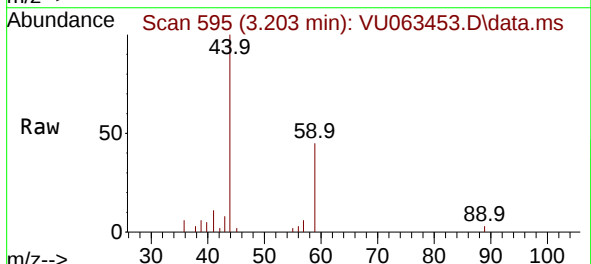
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

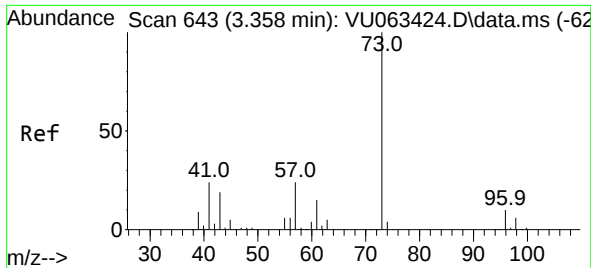
Tgt Ion: 59 Resp: 5929
Ion Ratio Lower Upper
59 100
45 80.8 60.7 91.1
74 71.3 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 5.585 ug/l
RT: 3.203 min Scan# 595
Delta R.T. 0.012 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 59 Resp: 6777
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8

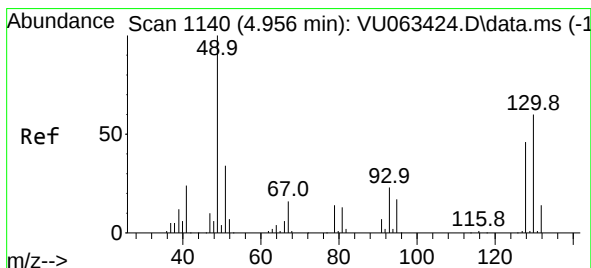
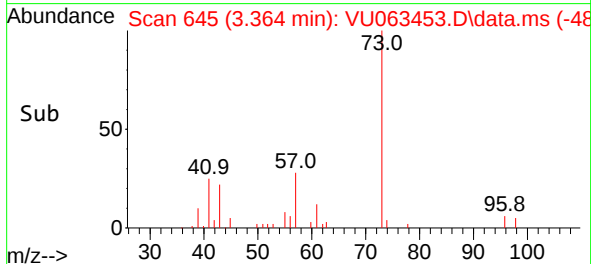
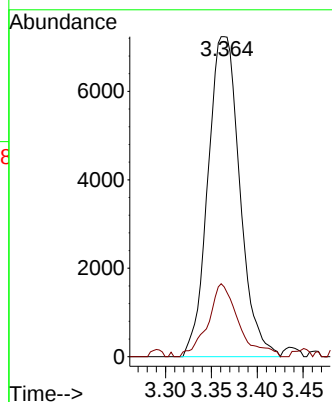
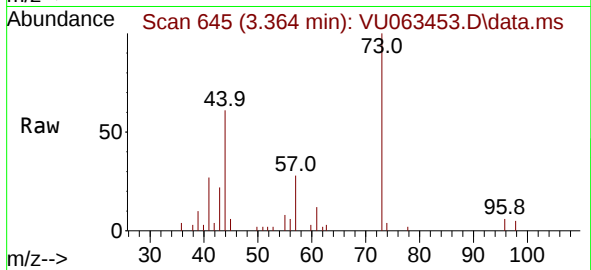




#25
Methyl tert-Butyl Ether
Concen: 0.503 ug/l
RT: 3.364 min Scan# 64
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

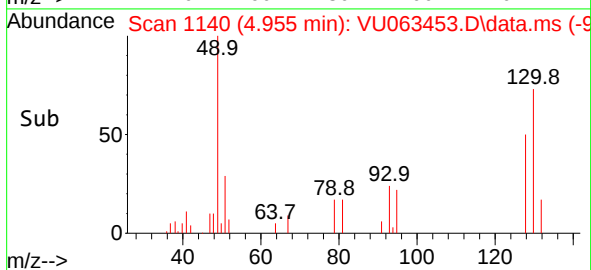
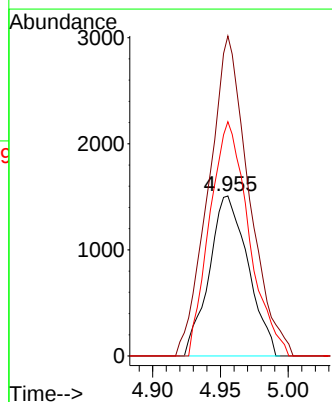
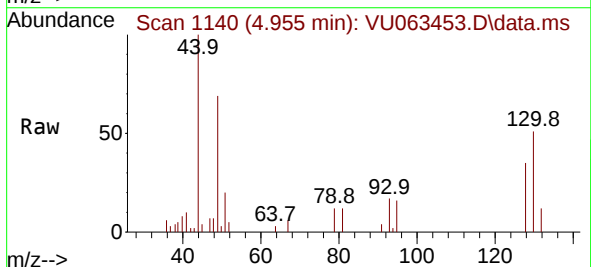
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

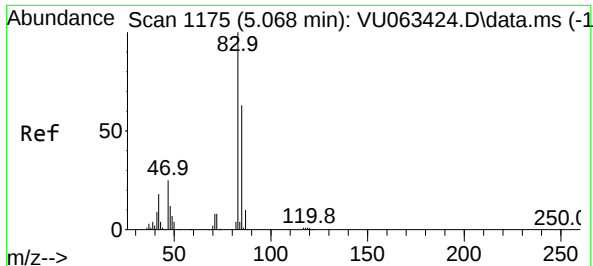
Tgt Ion: 73 Resp: 17471
Ion Ratio Lower Upper
73 100
43 21.9 15.1 22.7



#26
Bromochloromethane
Concen: 0.494 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:128 Resp: 3012
Ion Ratio Lower Upper
128 100
49 207.0 0.0 441.2
130 147.4 102.3 153.5





#27

Chloroform

Concen: 0.513 ug/l

RT: 5.074 min Scan# 1177

Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

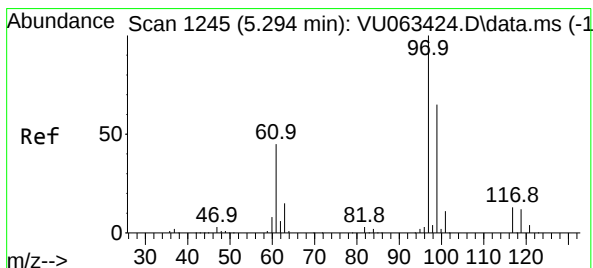
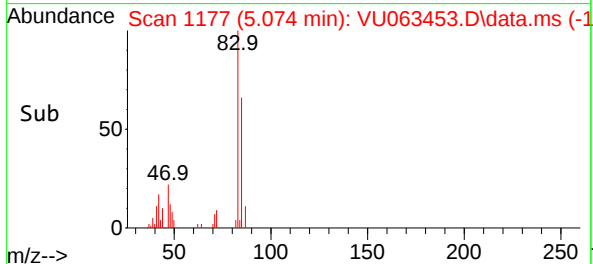
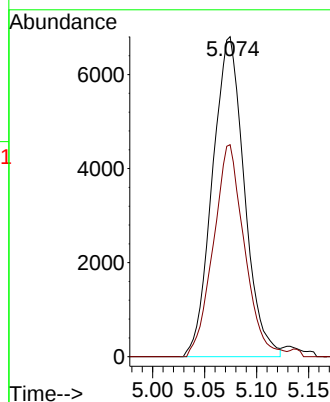
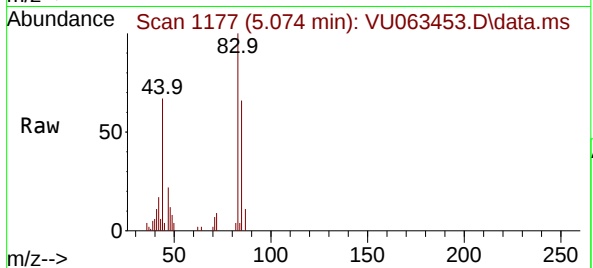
LOQ-WATER-02-QT2-2025

Tgt Ion: 83 Resp: 14510

Ion Ratio Lower Upper

83 100

85 66.2 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 0.526 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

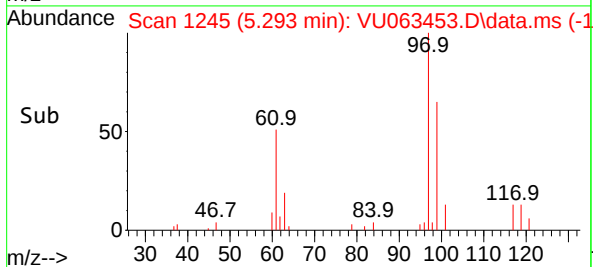
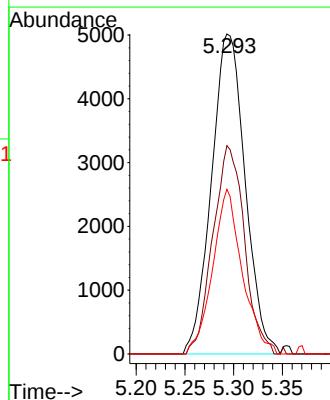
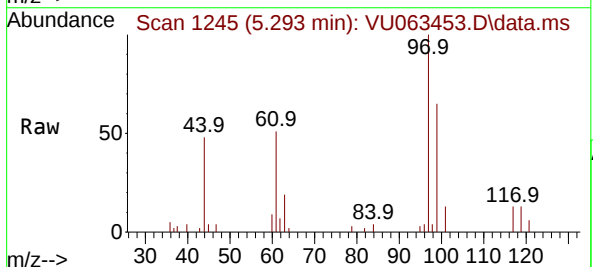
Tgt Ion: 97 Resp: 12065

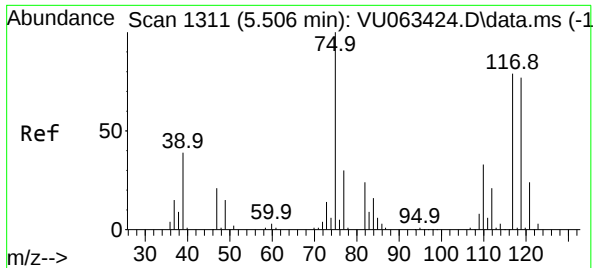
Ion Ratio Lower Upper

97 100

99 60.8 31.9 95.5

61 45.4 22.9 68.7

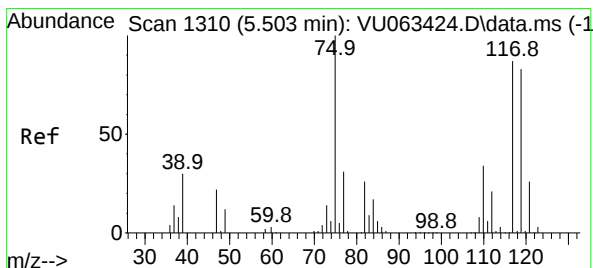
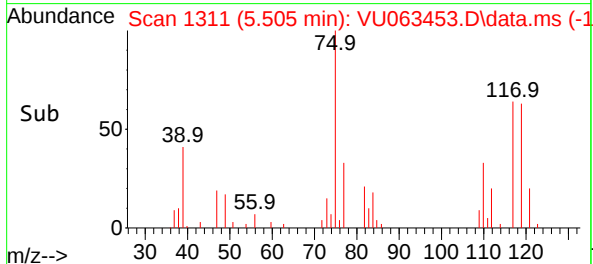
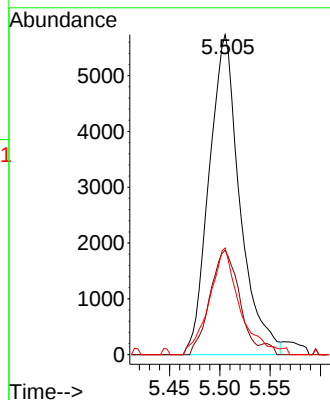
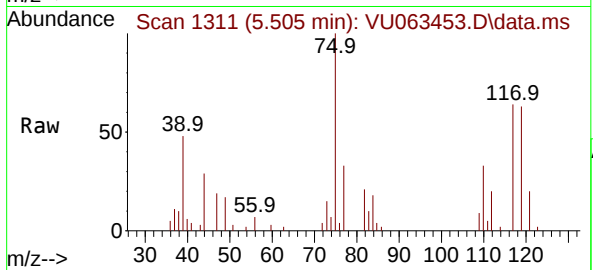




#29
1,1-Dichloropropene
Concen: 0.582 ug/l
RT: 5.505 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

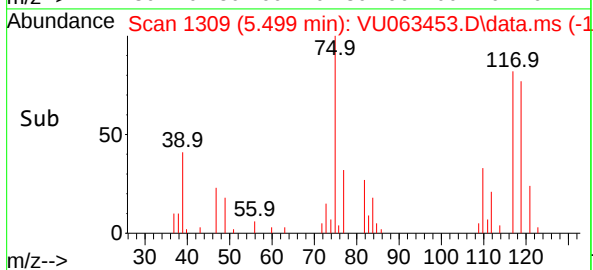
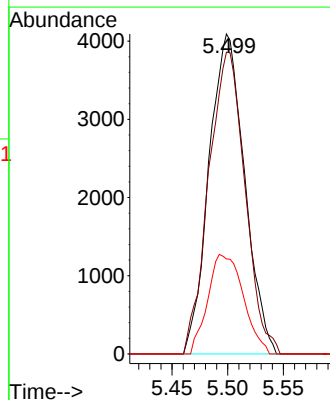
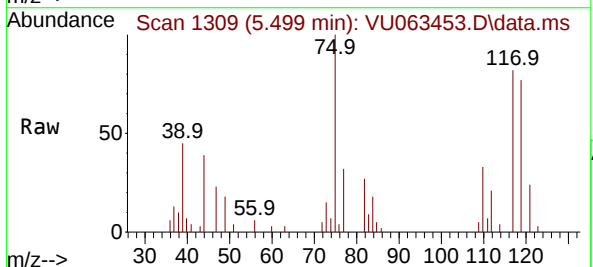
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

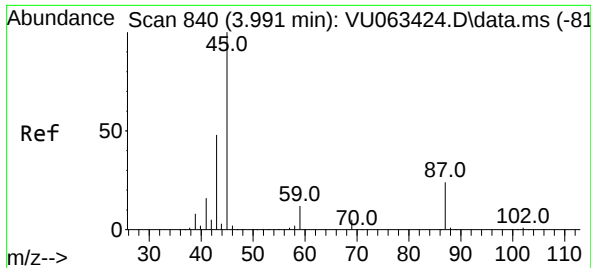
Tgt Ion: 75 Resp: 12182
Ion Ratio Lower Upper
75 100
110 30.9 17.4 52.2
77 33.2 25.4 38.0



#30
Carbon Tetrachloride
Concen: 0.497 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 117 Resp: 9095
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1
121 29.7 24.3 36.5

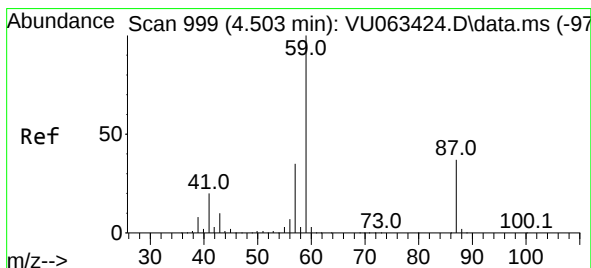
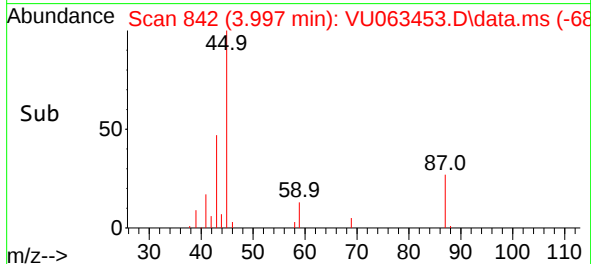
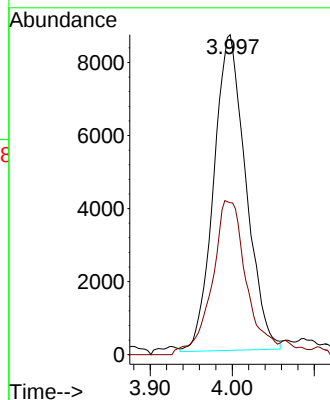
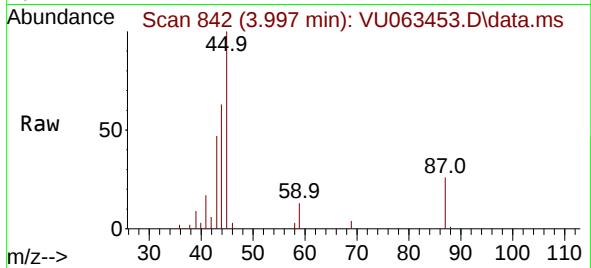




#31
Isopropyl Ether
Concen: 0.499 ug/l
RT: 3.997 min Scan# 84
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

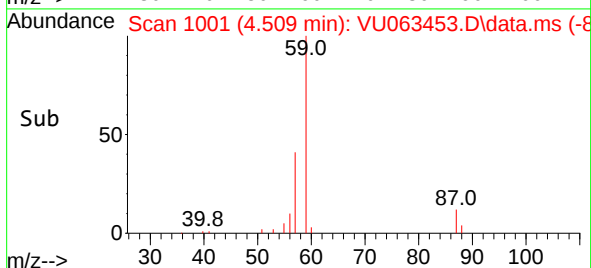
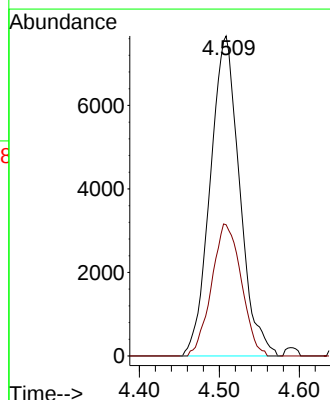
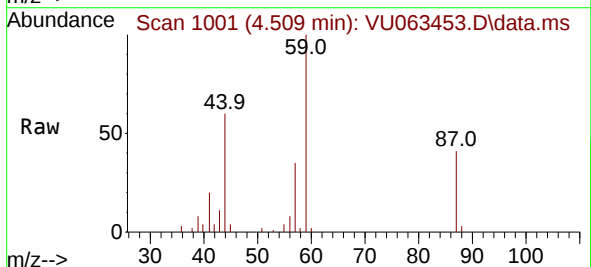
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 45 Resp: 23526
Ion Ratio Lower Upper
45 100
43 51.5 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 0.489 ug/l
RT: 4.509 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 59 Resp: 19538
Ion Ratio Lower Upper
59 100
87 41.7 29.9 44.9

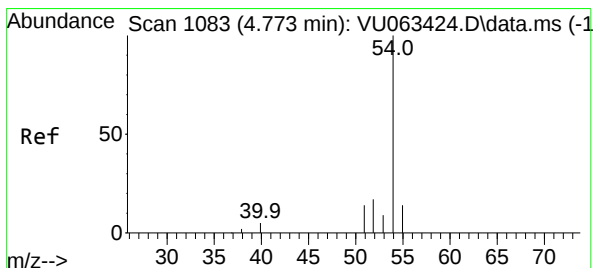
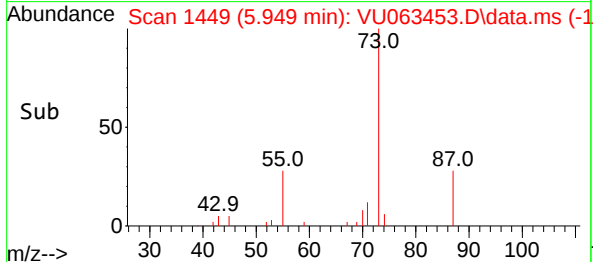
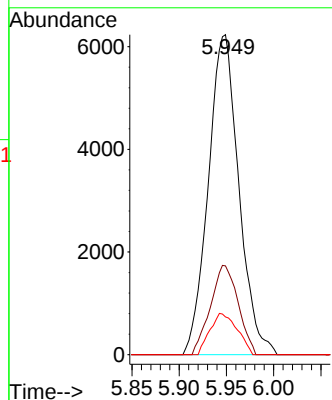
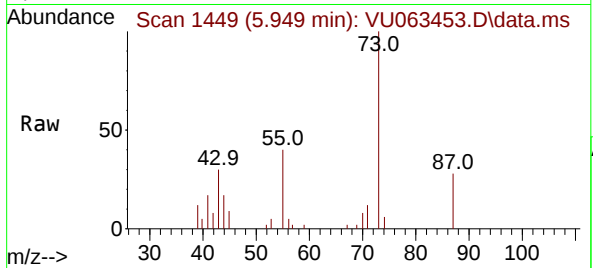




#33
Tert-Amyl methyl ether
Concen: 0.490 ug/l
RT: 5.949 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

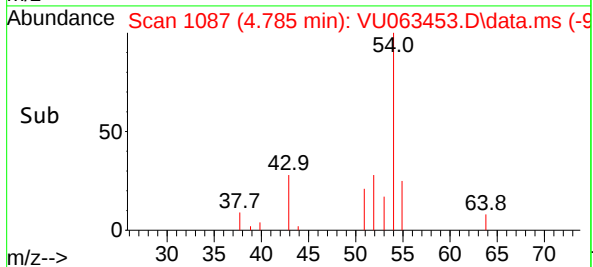
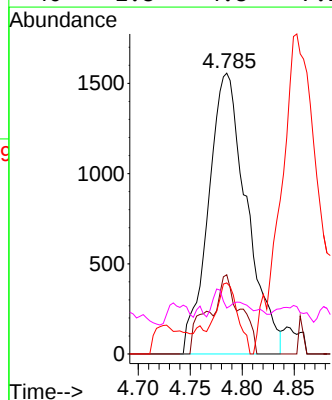
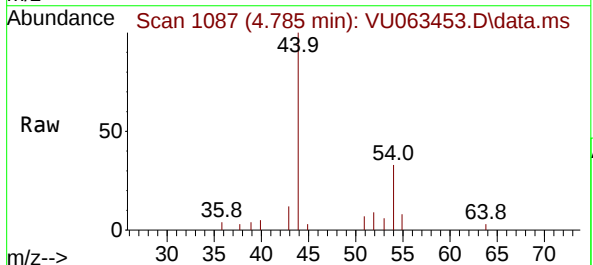
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

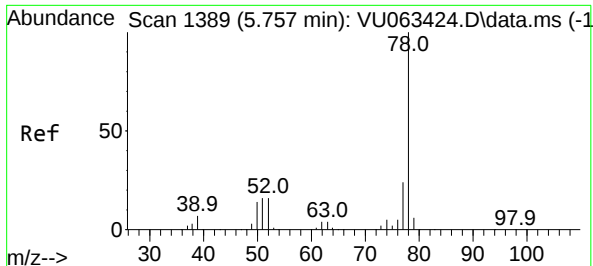
Tgt Ion: 73 Resp: 14006
Ion Ratio Lower Upper
73 100
87 25.3 18.1 27.1
71 11.5 10.0 15.0



#34
Propionitrile
Concen: 2.686 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.012 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 54 Resp: 4000
Ion Ratio Lower Upper
54 100
52 16.2 14.8 22.2
55 14.5 12.2 18.2
40 2.8 4.8 7.2#

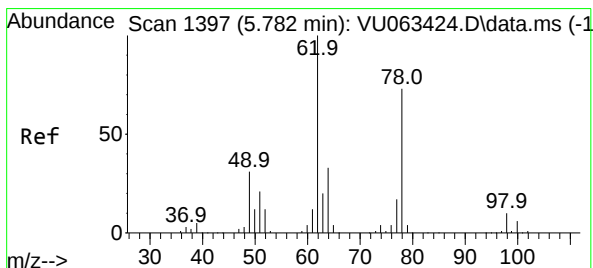
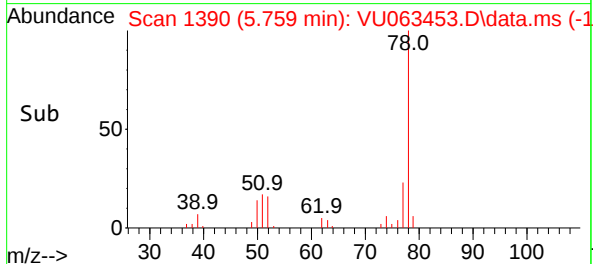
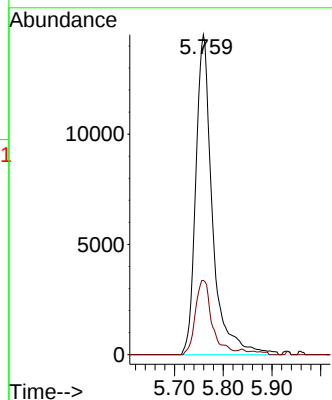
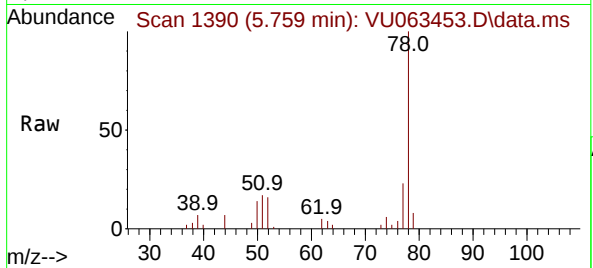




#35
Benzene
Concen: 0.545 ug/l
RT: 5.759 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

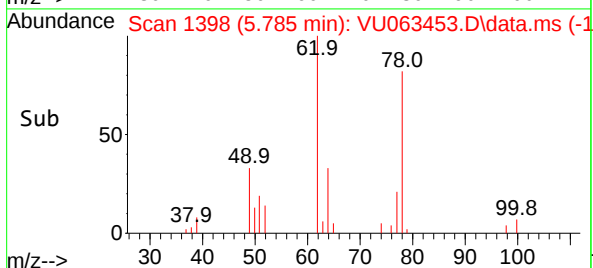
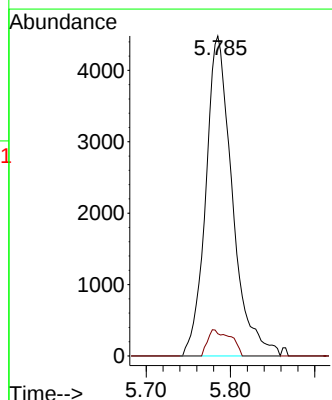
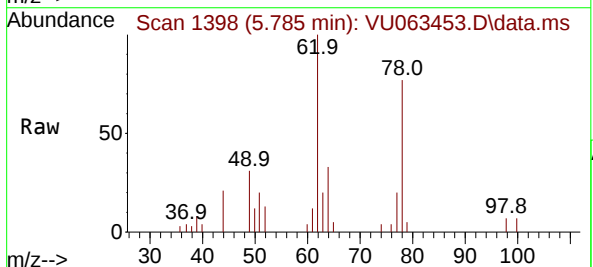
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

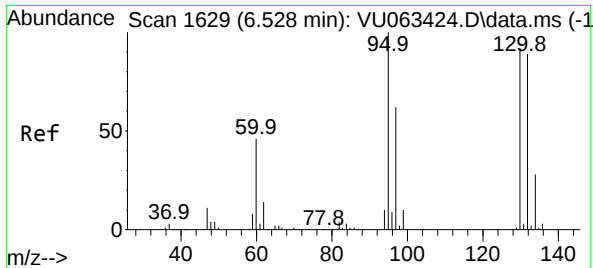
Tgt Ion: 78 Resp: 34514
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.529 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 62 Resp: 9806
Ion Ratio Lower Upper
62 100
98 7.1 7.1 10.7#

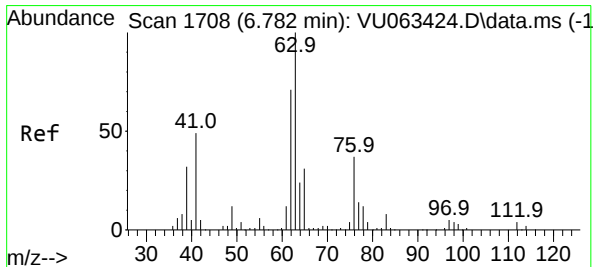
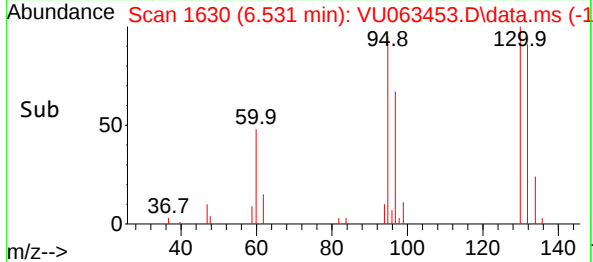
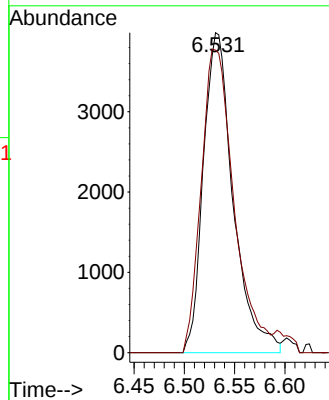
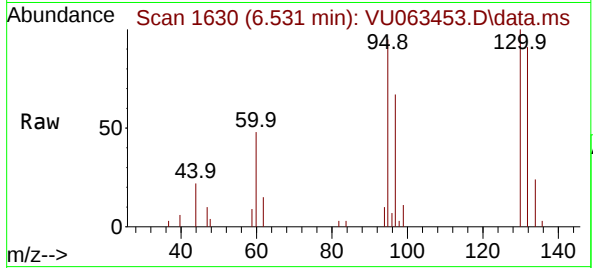




#37
Trichloroethene
Concen: 0.549 ug/l
RT: 6.531 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

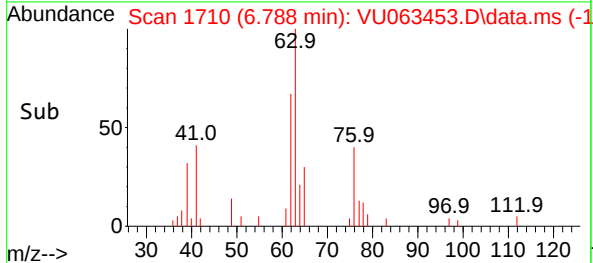
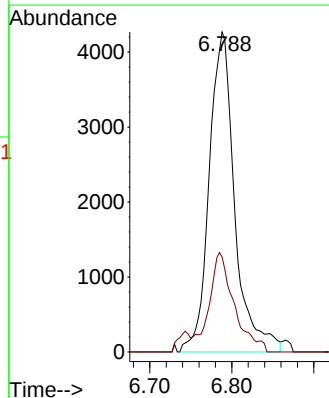
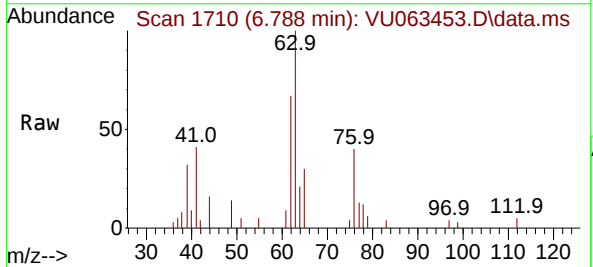
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

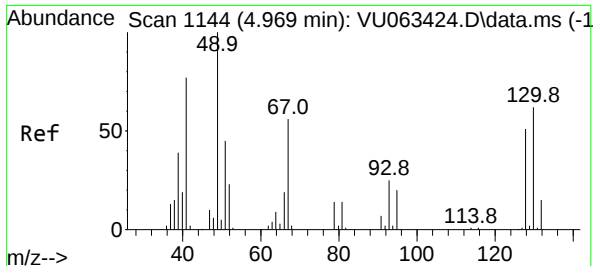
Tgt Ion:130 Resp: 8222
Ion Ratio Lower Upper
130 100
95 94.6 87.2 130.8



#38
1,2-Dichloropropane
Concen: 0.528 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 63 Resp: 9231
Ion Ratio Lower Upper
63 100
65 29.7 25.0 37.6





#39

Methacrylonitrile

Concen: 0.260 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.001 min

Lab File: VU063453.D

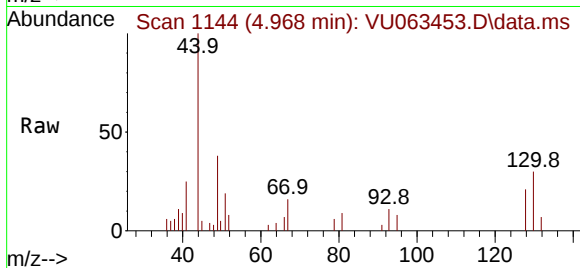
Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025



Tgt Ion: 41 Resp: 1609

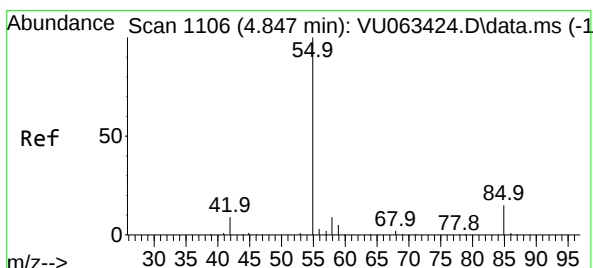
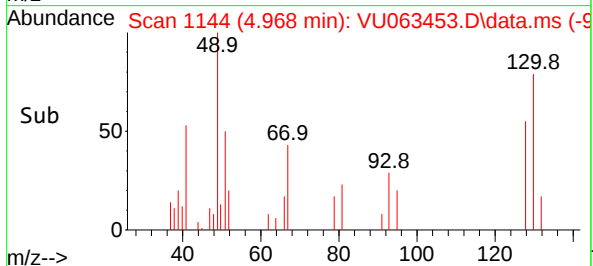
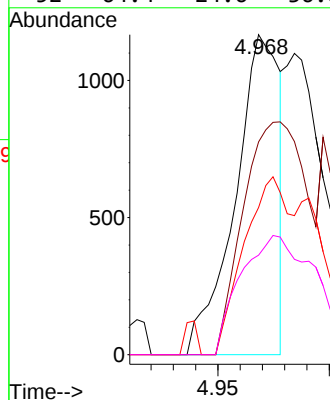
Ion Ratio Lower Upper

41 100

67 103.8 59.8 89.8#

39 59.2 40.7 61.1

52 64.4 24.6 36.8#



#40

Methyl acrylate

Concen: 0.565 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion: 55 Resp: 4914

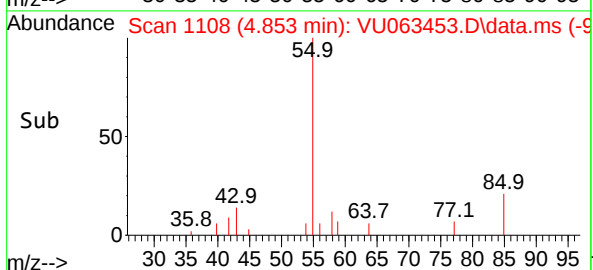
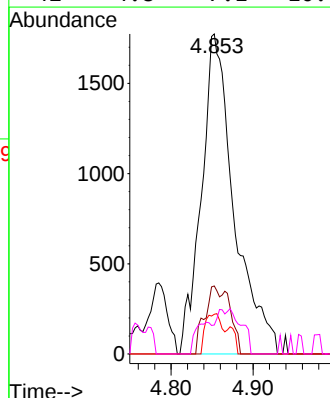
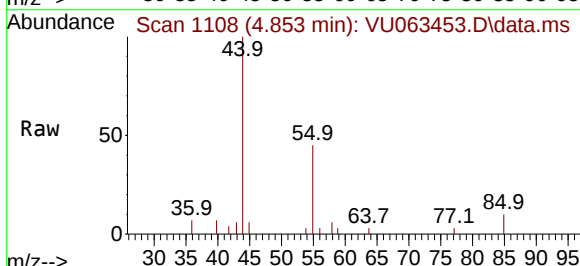
Ion Ratio Lower Upper

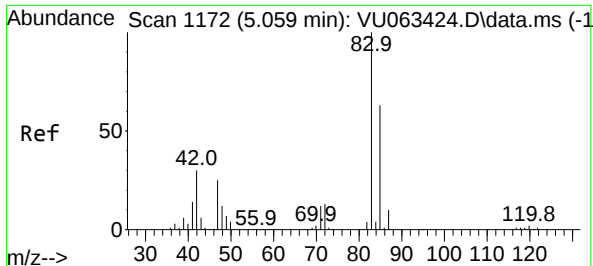
55 100

85 9.6 12.6 19.0#

58 6.5 6.9 10.3#

42 4.8 7.1 10.7#





#41

Tetrahydrofuran

Concen: 1.081 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.009 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

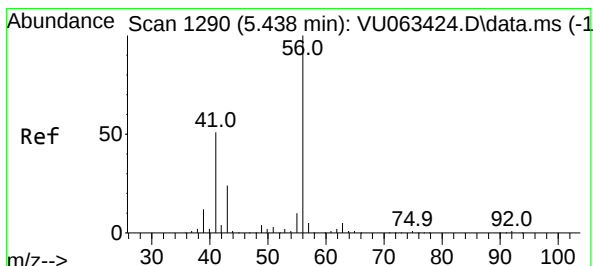
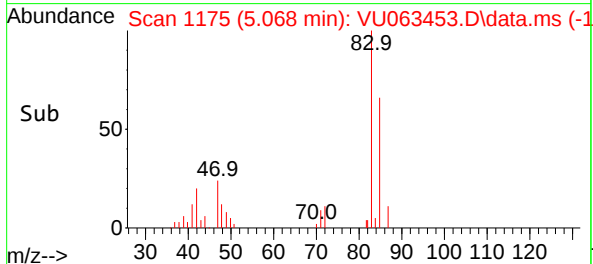
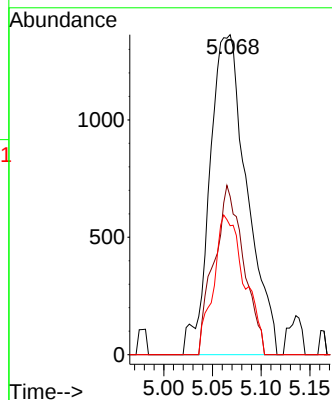
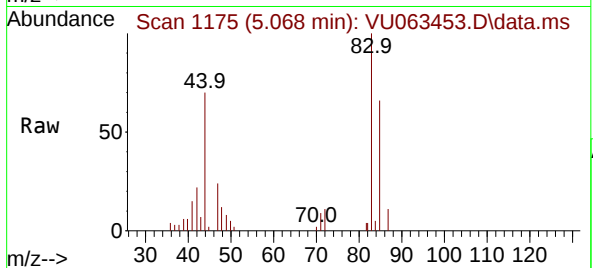
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:	42	Resp:	3604
Ion	Ratio	Lower	Upper
42	100		
72	42.1	35.4	53.2
71	36.3	31.4	47.0



#42

1-Chlorobutane

Concen: 0.525 ug/l

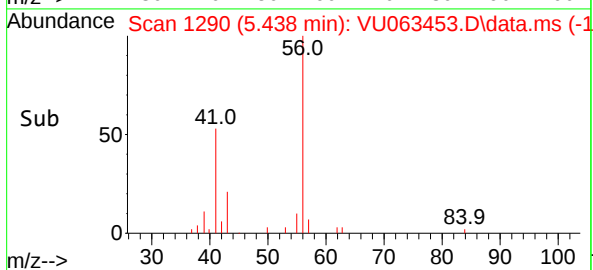
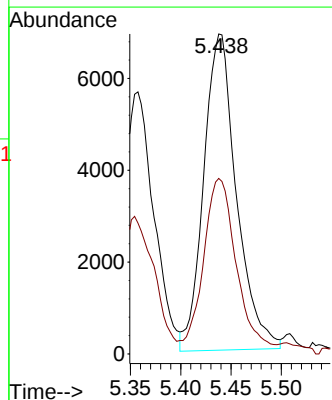
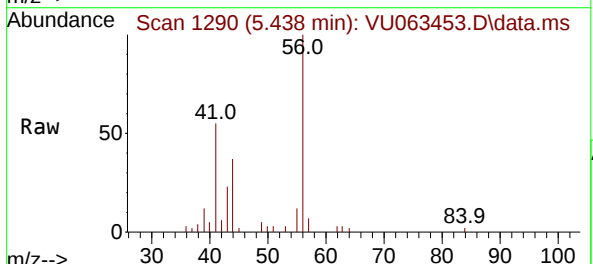
RT: 5.438 min Scan# 1290

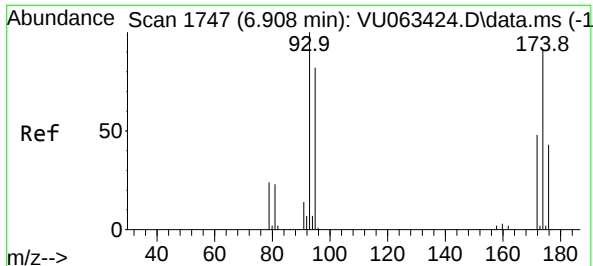
Delta R.T. -0.000 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion:	56	Resp:	15610
Ion	Ratio	Lower	Upper
56	100		
41	51.2	26.4	79.0

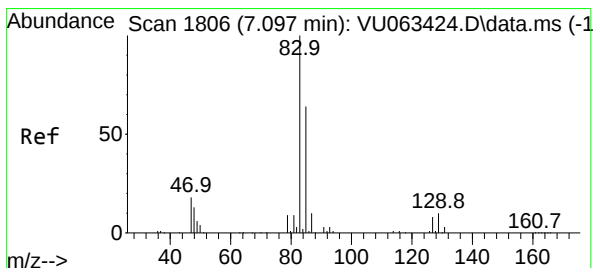
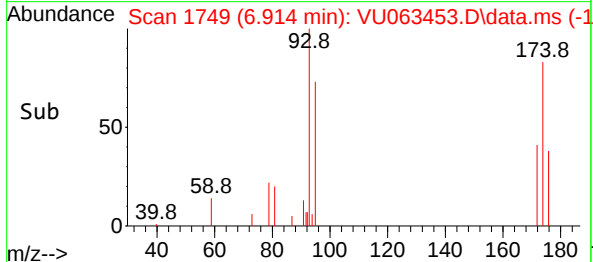
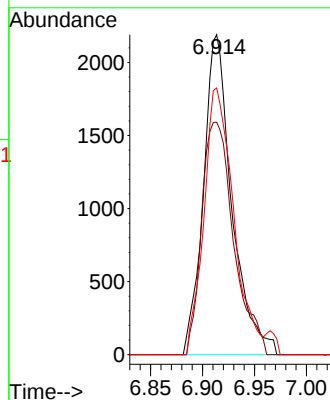
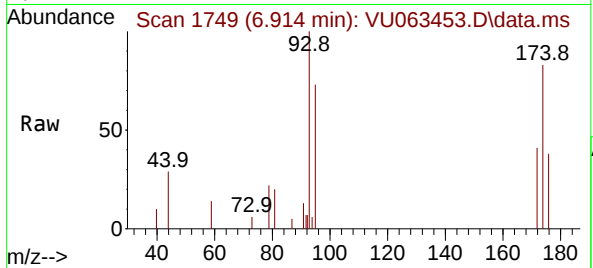




#43
Dibromomethane
Concen: 0.509 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

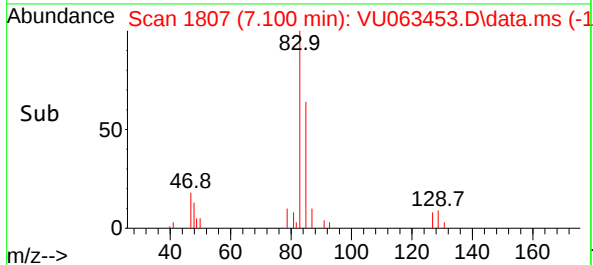
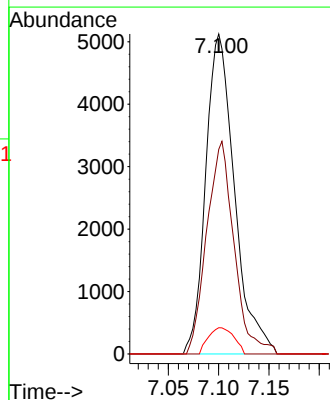
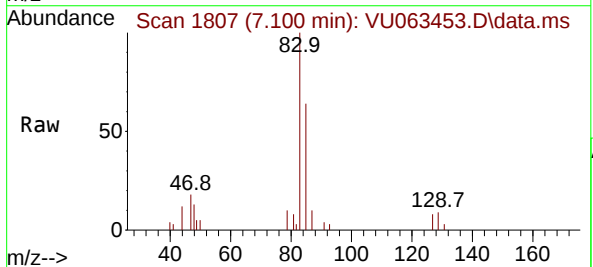
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

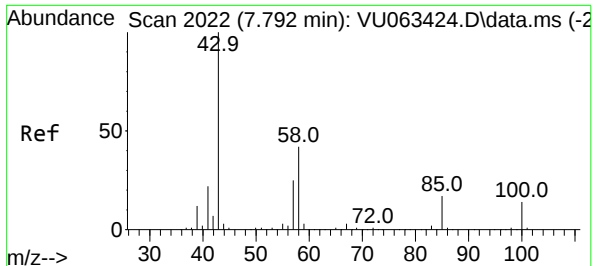
Tgt Ion: 93 Resp: 4157
Ion Ratio Lower Upper
93 100
95 81.9 66.7 100.1
174 87.3 71.1 106.7



#44
Bromodichloromethane
Concen: 0.512 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 83 Resp: 10188
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.2
127 8.2 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 2.300 ug/l

RT: 7.804 min Scan# 2022

Delta R.T. 0.012 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

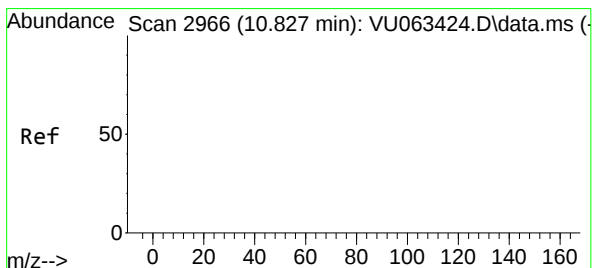
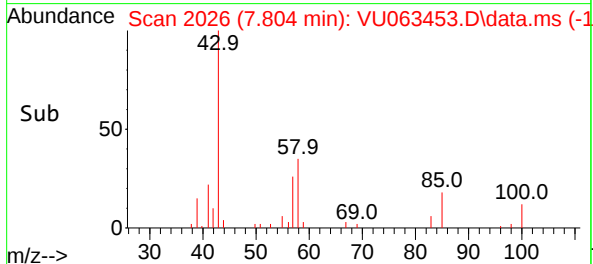
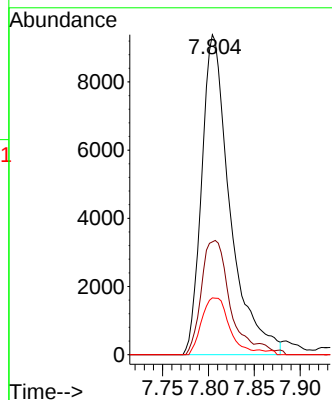
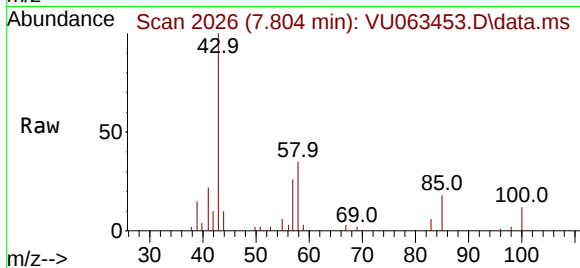
Tgt Ion: 43 Resp: 20182

Ion Ratio Lower Upper

43 100

58 36.9 20.5 61.6

85 17.1 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 2.932 ug/l

RT: 10.820 min Scan# 2964

Delta R.T. -0.007 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion: 75 Resp: 8456

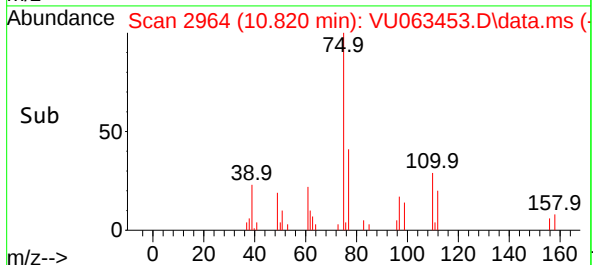
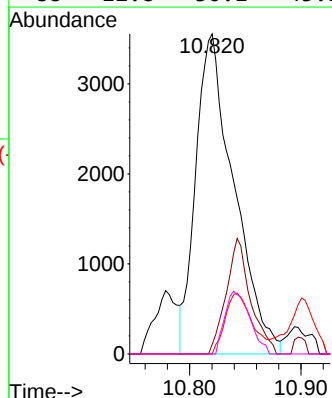
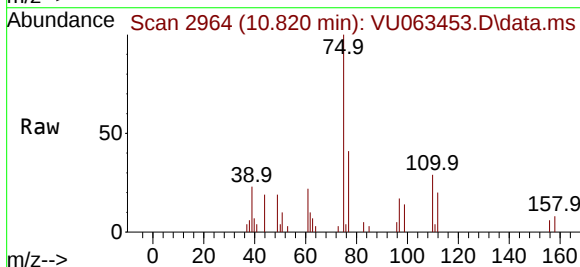
Ion Ratio Lower Upper

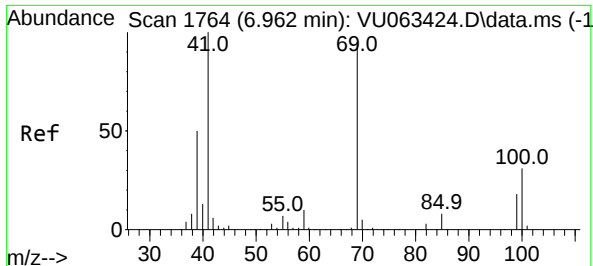
75 100

53 23.0 61.4 92.2#

89 13.6 39.2 58.8#

88 12.8 30.1 45.1#





#47

Methyl methacrylate

Concen: 0.873 ug/l

RT: 6.978 min Scan# 1

Delta R.T. 0.016 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 69 Resp: 5531

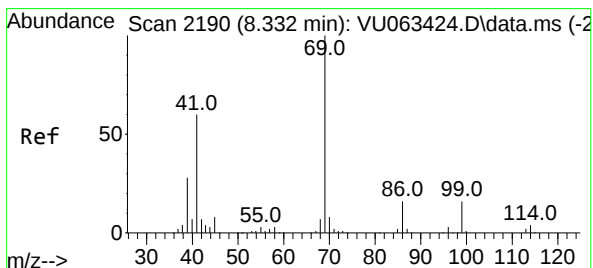
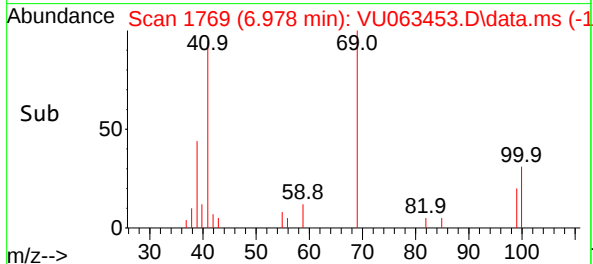
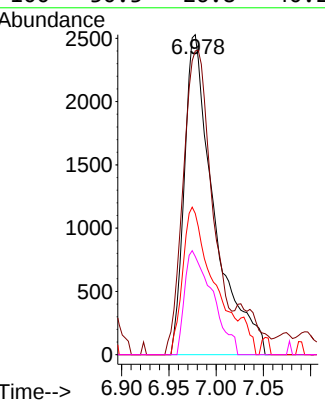
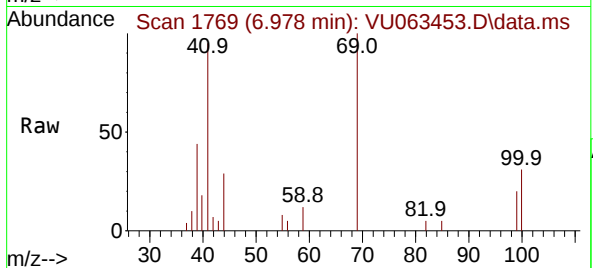
Ion Ratio Lower Upper

69 100

41 92.6 0.0 212.6

39 46.9 40.6 61.0

100 30.3 26.8 40.2



#48

Ethyl methacrylate

Concen: 0.446 ug/l

RT: 8.341 min Scan# 2193

Delta R.T. 0.009 min

Lab File: VU063453.D

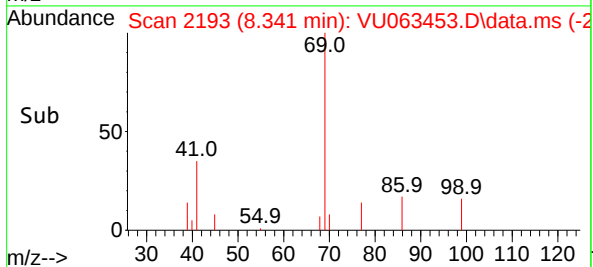
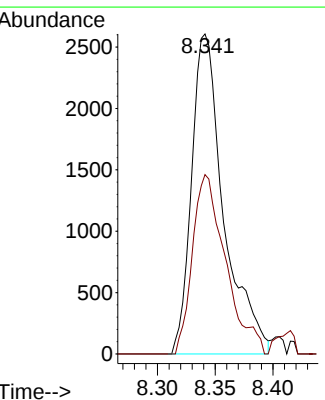
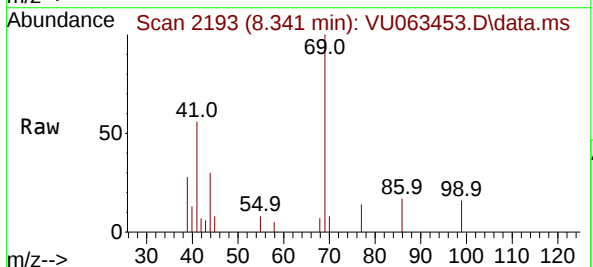
Acq: 25 Jun 2025 12:01

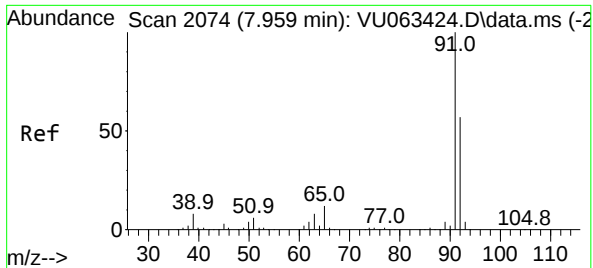
Tgt Ion: 69 Resp: 5054

Ion Ratio Lower Upper

69 100

41 57.6 30.6 92.0





#49

Toluene

Concen: 0.449 ug/l

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

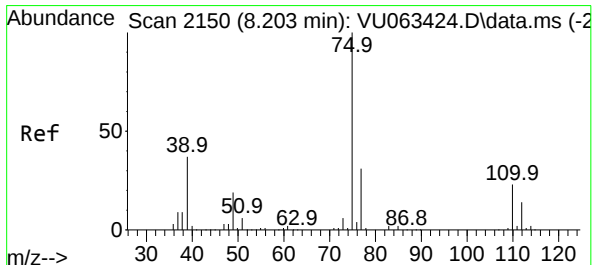
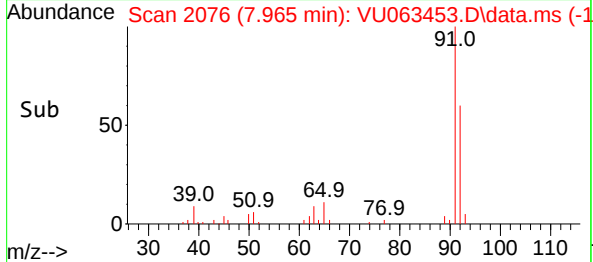
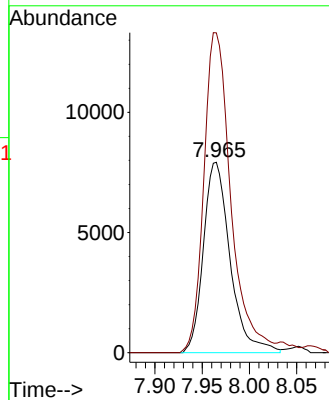
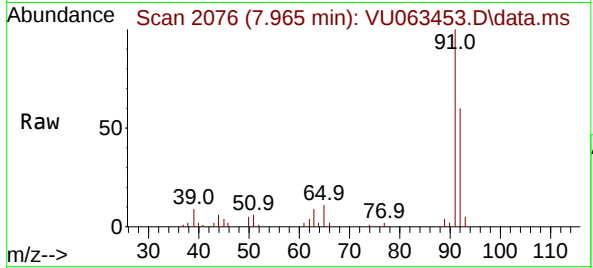
LOQ-WATER-02-QT2-2025

Tgt Ion: 92 Resp: 15601

Ion Ratio Lower Upper

92 100

91 169.5 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 0.466 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.010 min

Lab File: VU063453.D

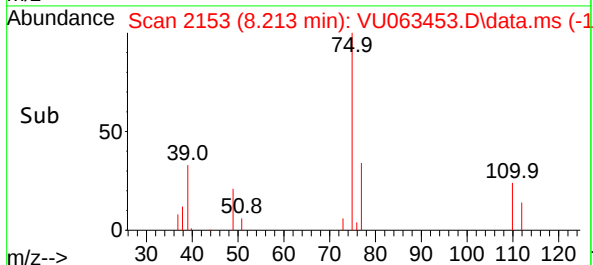
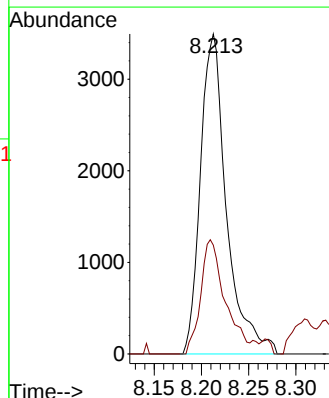
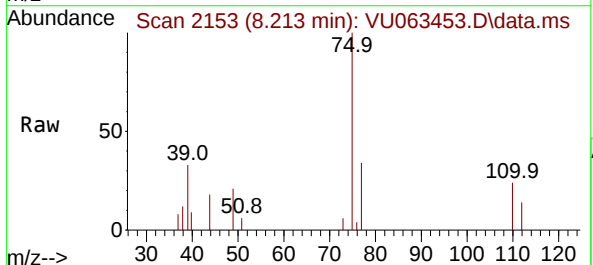
Acq: 25 Jun 2025 12:01

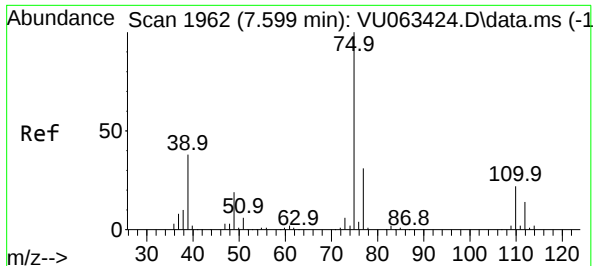
Tgt Ion: 75 Resp: 6690

Ion Ratio Lower Upper

75 100

77 34.0 24.5 36.7





#51

cis-1,3-Dichloropropene

Concen: 0.472 ug/l

RT: 7.605 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

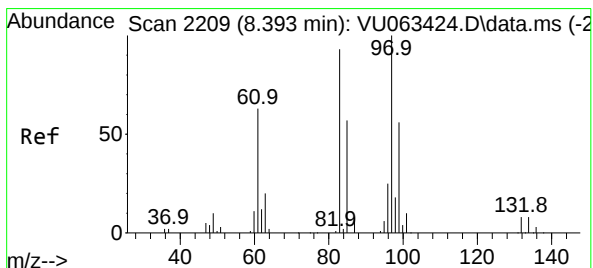
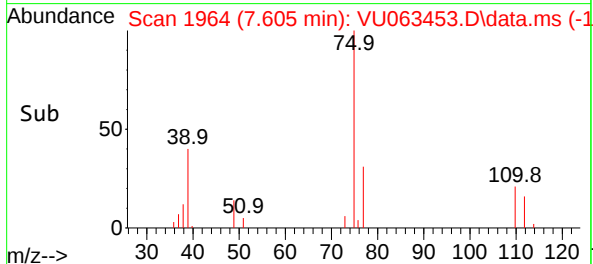
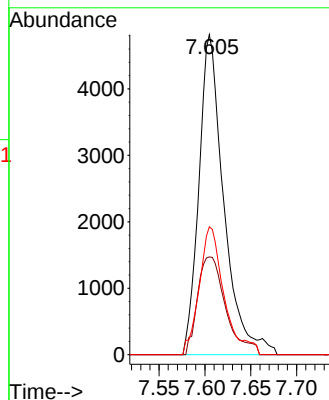
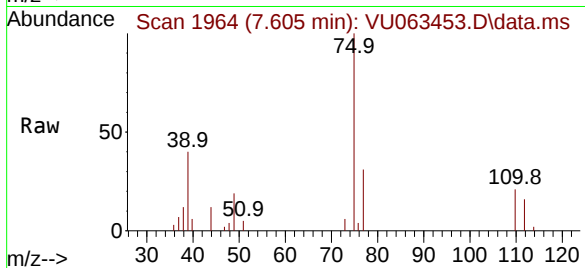
Tgt Ion: 75 Resp: 9094

Ion Ratio Lower Upper

75 100

77 30.6 24.8 37.2

39 40.0 30.7 46.1



#52

1,1,2-Trichloroethane

Concen: 0.522 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion: 97 Resp: 6242

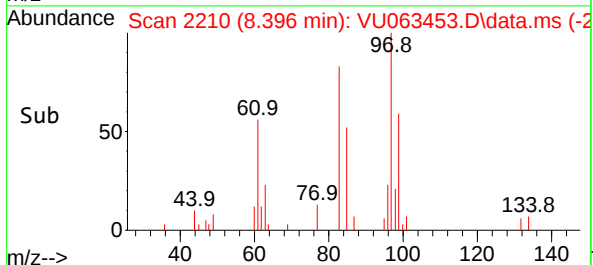
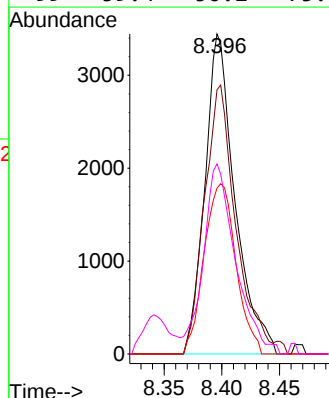
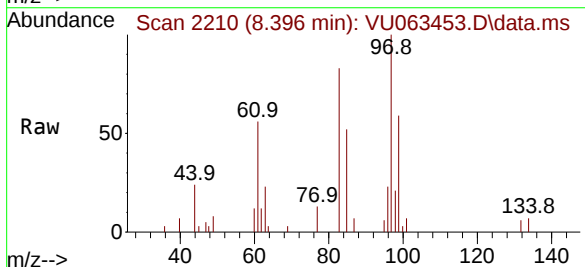
Ion Ratio Lower Upper

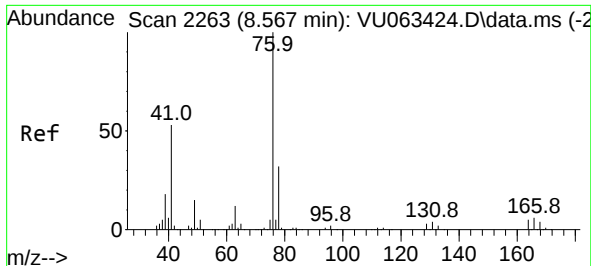
97 100

83 82.6 74.1 111.1

85 51.8 45.8 68.8

99 59.4 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.506 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

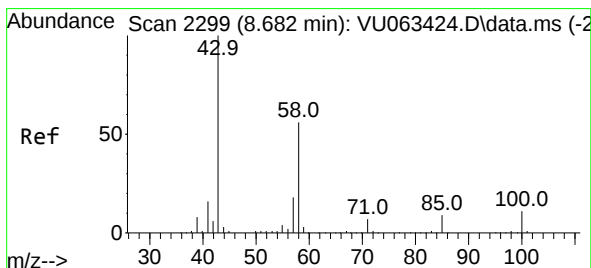
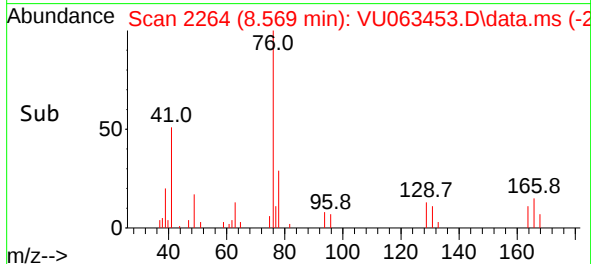
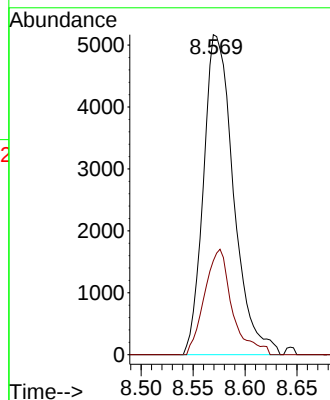
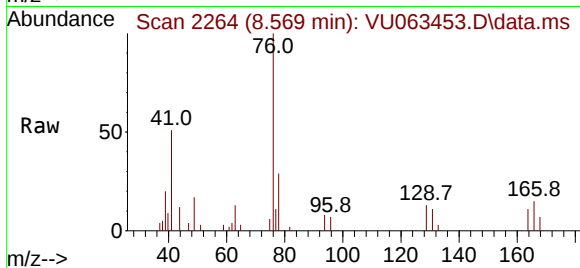
LOQ-WATER-02-QT2-2025

Tgt Ion: 76 Resp: 10394

Ion Ratio Lower Upper

76 100

78 30.2 25.7 38.5



#54

2-Hexanone

Concen: 2.487 ug/l

RT: 8.698 min Scan# 2304

Delta R.T. 0.016 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

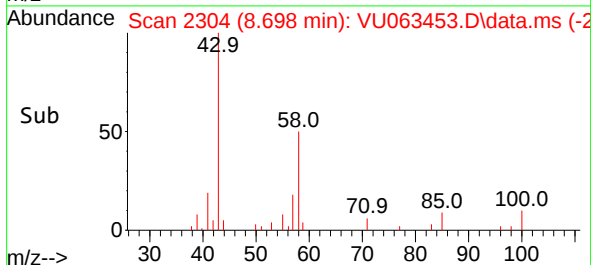
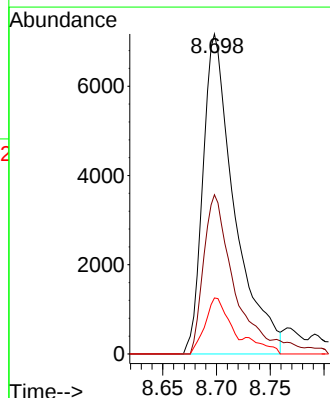
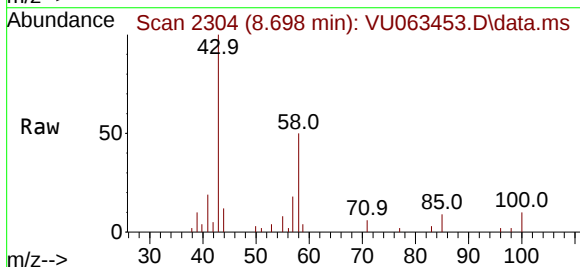
Tgt Ion: 43 Resp: 14638

Ion Ratio Lower Upper

43 100

58 49.5 36.9 76.9

57 13.6 0.0 38.8

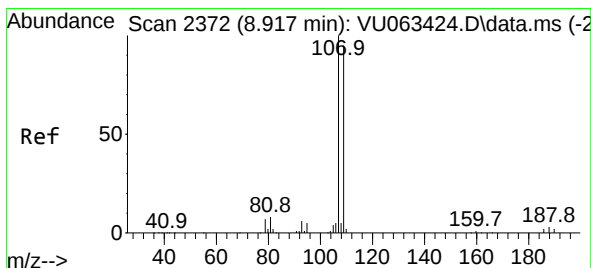
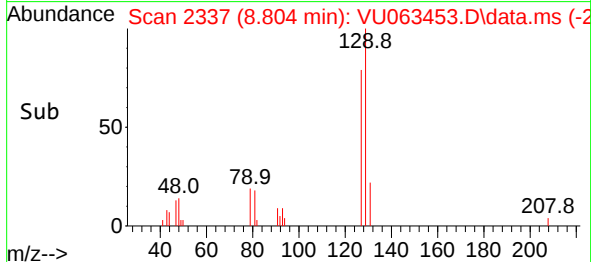
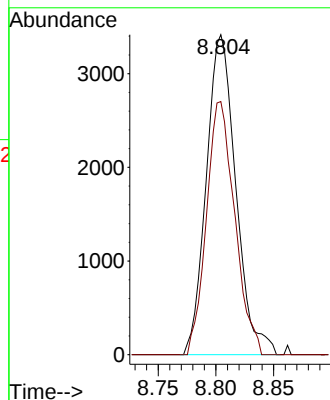
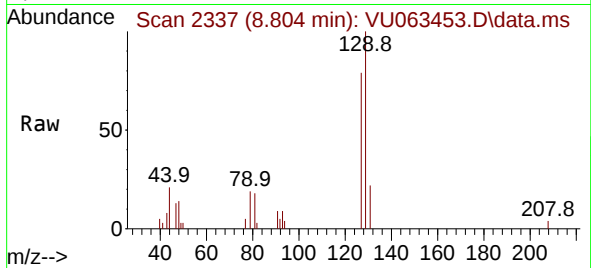




#55
Dibromochloromethane
Concen: 0.493 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

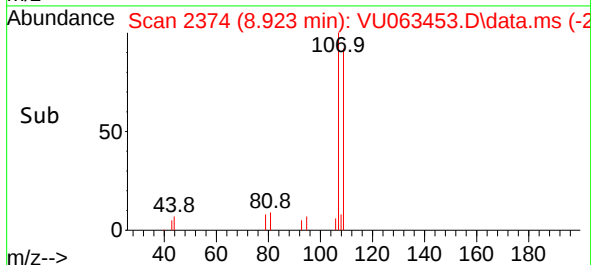
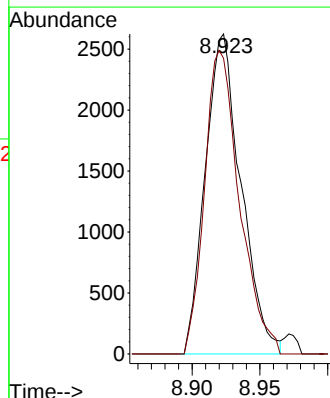
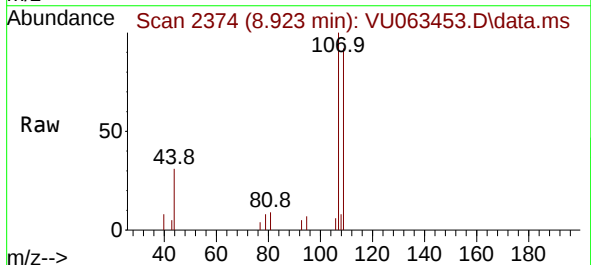
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

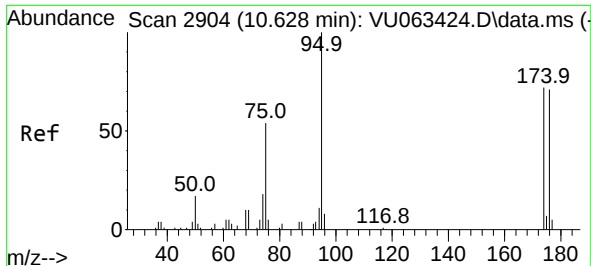
Tgt Ion:129 Resp: 6077
Ion Ratio Lower Upper
129 100
127 75.7 62.6 93.8



#56
1,2-Dibromoethane
Concen: 0.497 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:107 Resp: 4814
Ion Ratio Lower Upper
107 100
109 92.5 0.0 188.0

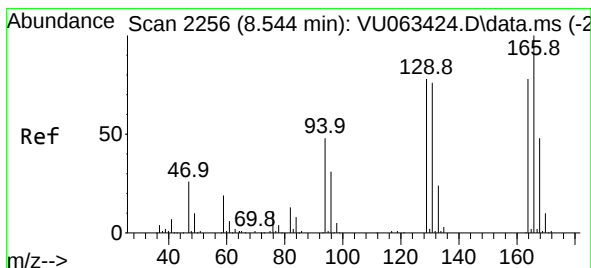
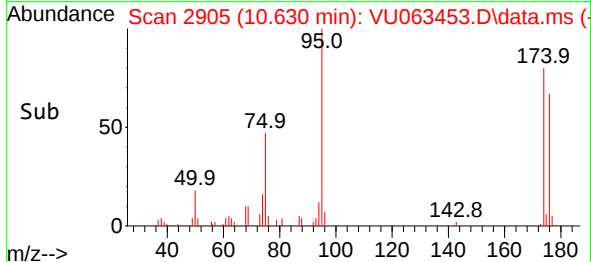
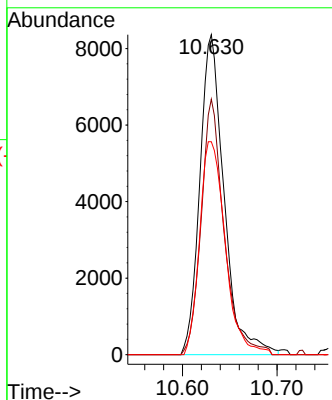
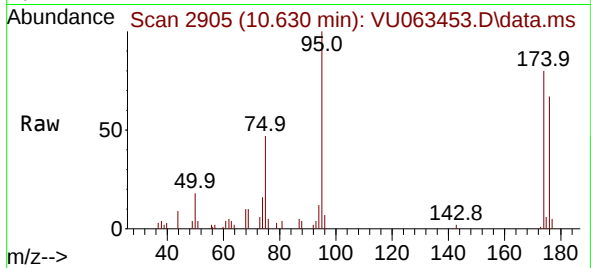




#57
4-Bromofluorobenzene
Concen: 0.834 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.002 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

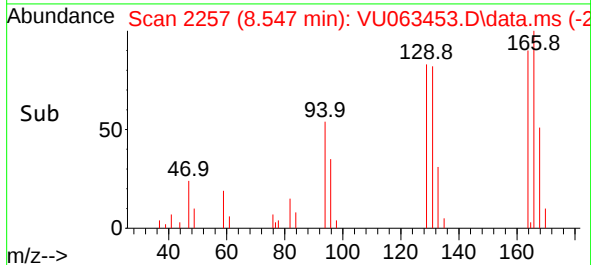
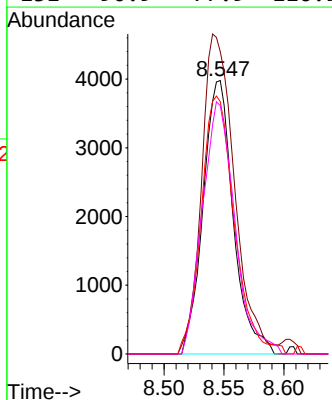
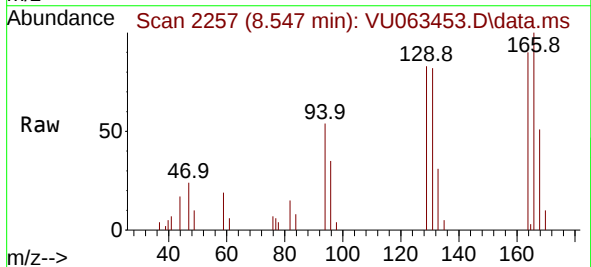
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025

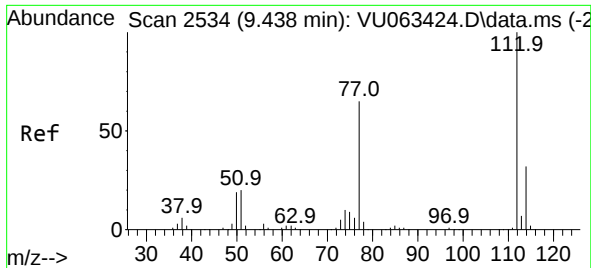
Tgt Ion: 95 Resp: 14882
Ion Ratio Lower Upper
95 100
174 75.5 59.4 89.2
176 70.5 57.8 86.6



#58
Tetrachloroethene
Concen: 0.474 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 164 Resp: 6958
Ion Ratio Lower Upper
164 100
166 110.6 102.8 154.2
129 92.3 80.2 120.2
131 90.9 77.9 116.9

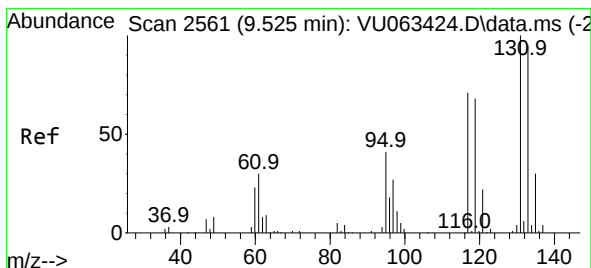
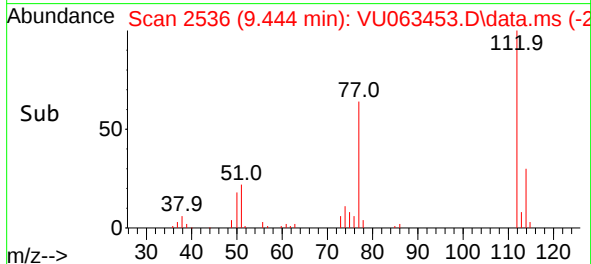
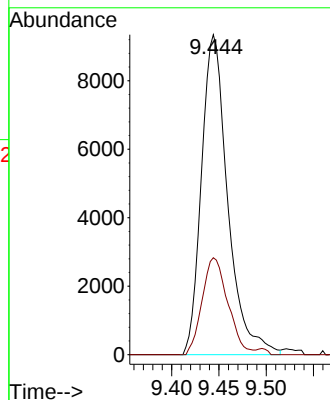
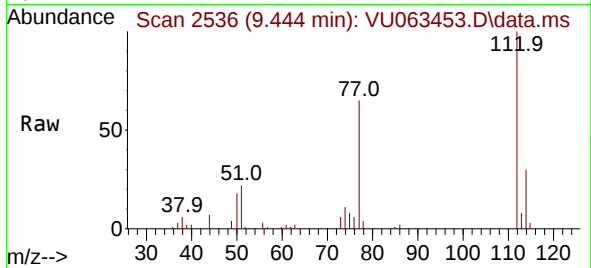




#59
Chlorobenzene
Concen: 0.485 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

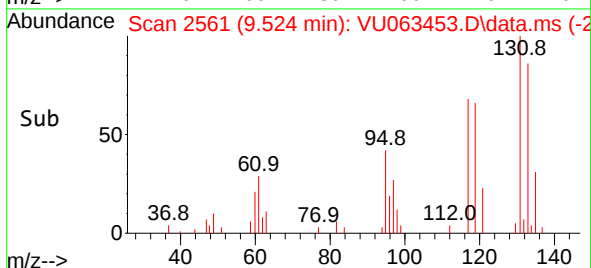
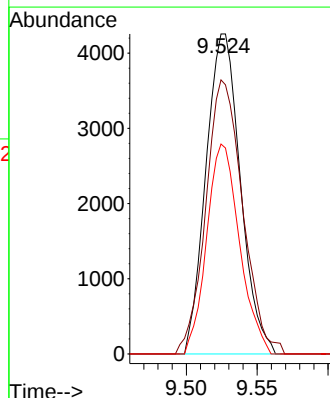
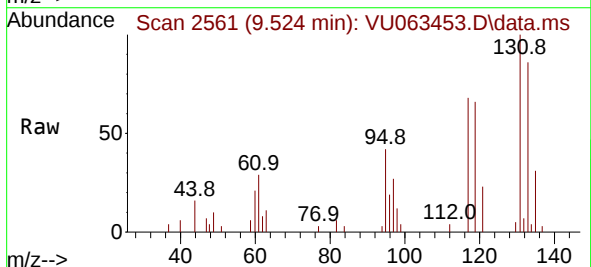
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

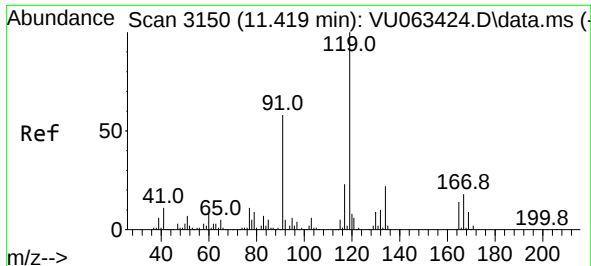
Tgt Ion:112 Resp: 18077
Ion Ratio Lower Upper
112 100
114 30.3 25.7 38.5



#60
1,1,1,2-Tetrachloroethane
Concen: 0.536 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:131 Resp: 7184
Ion Ratio Lower Upper
131 100
133 91.7 76.1 114.1
119 62.5 53.7 80.5

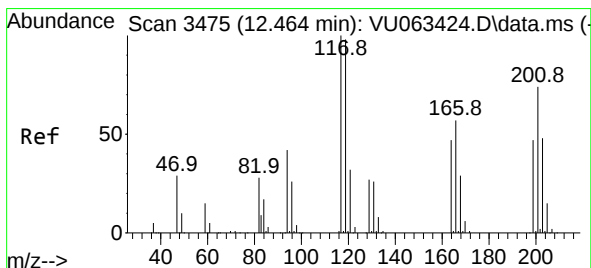
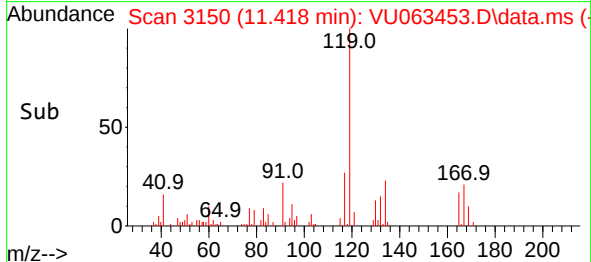
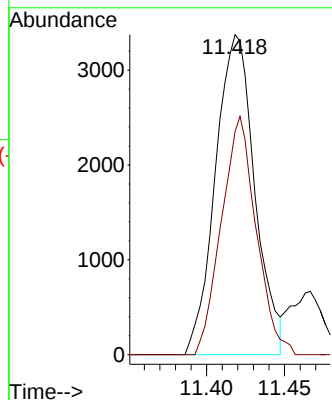
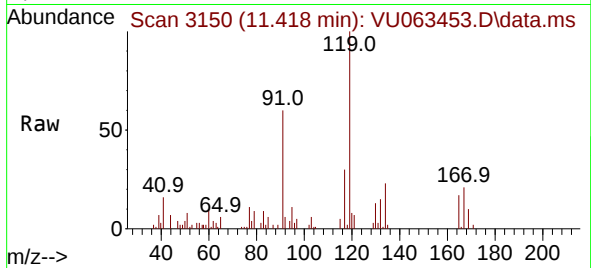




#61
 Pentachloroethane
 Concen: 0.543 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.001 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

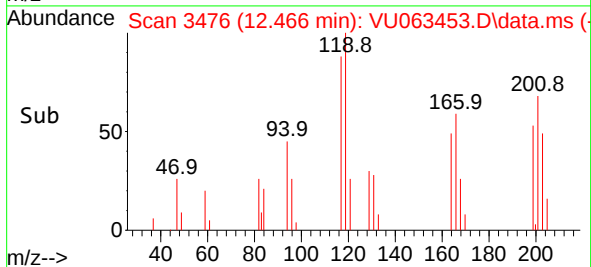
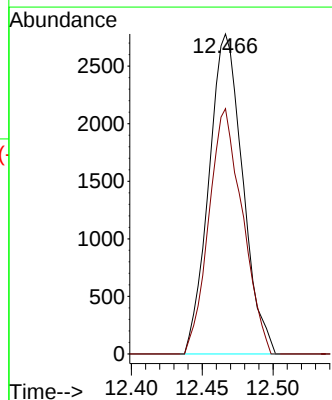
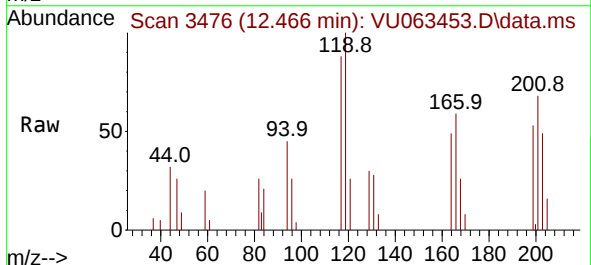
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

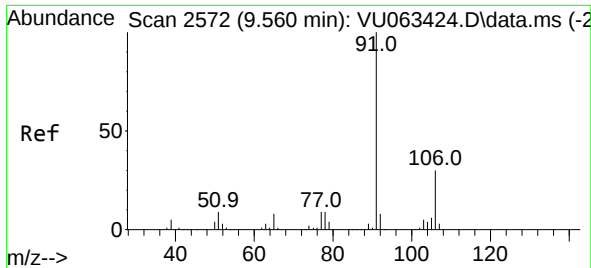
Tgt Ion:117 Resp: 5929
 Ion Ratio Lower Upper
 117 100
 167 65.8 58.1 87.1



#62
 Hexachloroethane
 Concen: 0.470 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

Tgt Ion:117 Resp: 4619
 Ion Ratio Lower Upper
 117 100
 201 76.3 60.4 90.6

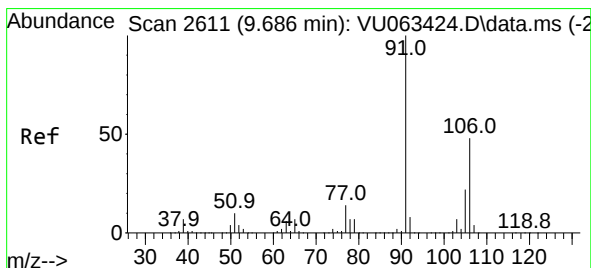
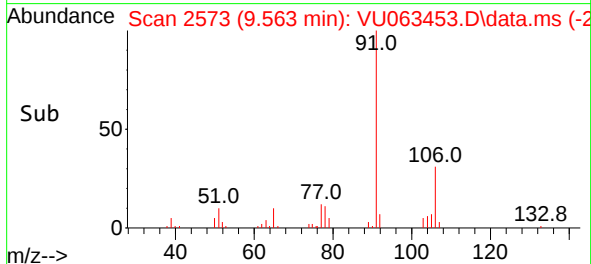
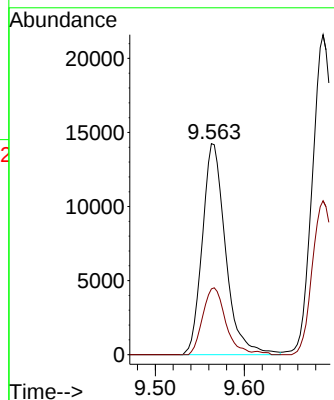
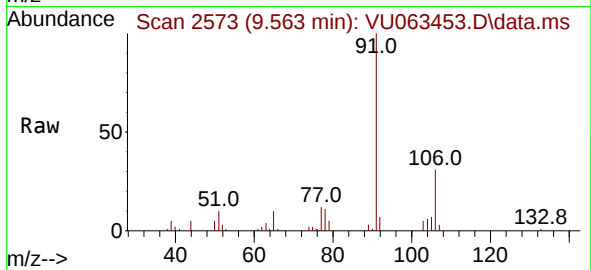




#63
Ethyl Benzene
Concen: 0.433 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

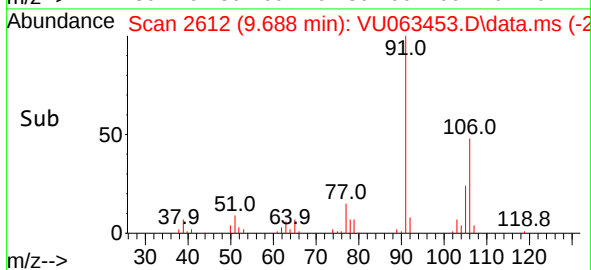
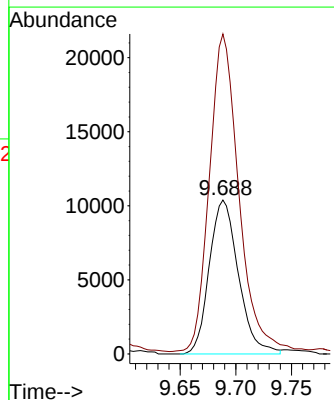
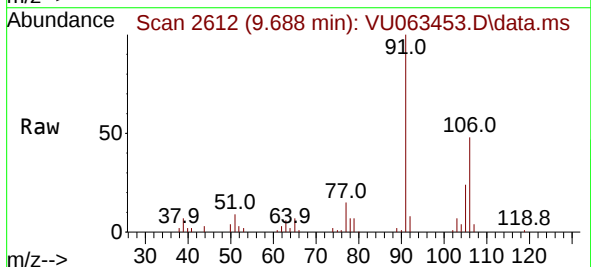
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

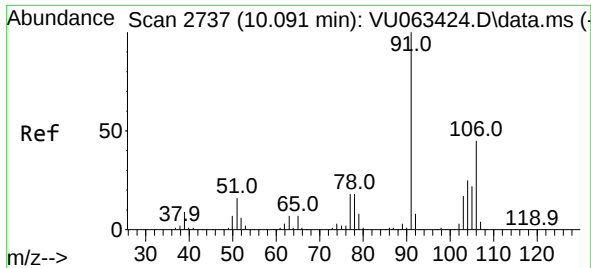
Tgt Ion: 91 Resp: 25834
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.2



#64
m/p-Xylenes
Concen: 0.812 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 106 Resp: 18914
Ion Ratio Lower Upper
106 100
91 208.4 169.9 254.9

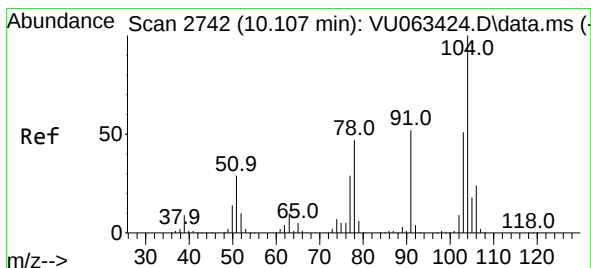
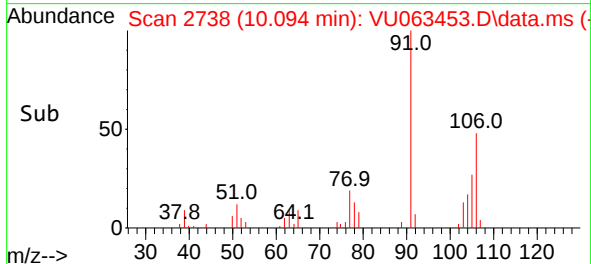
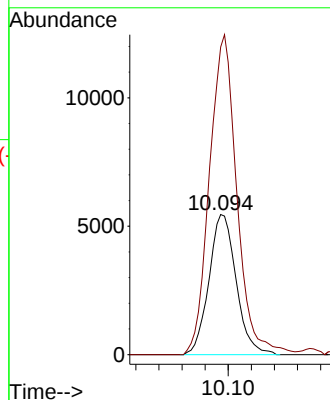
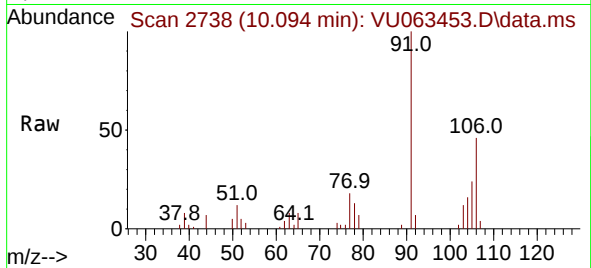




#65
o-Xylene
Concen: 0.393 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

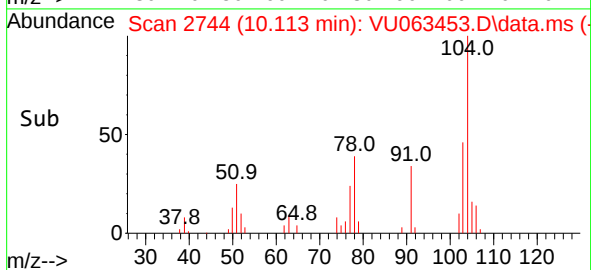
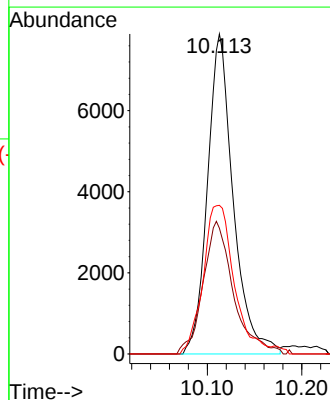
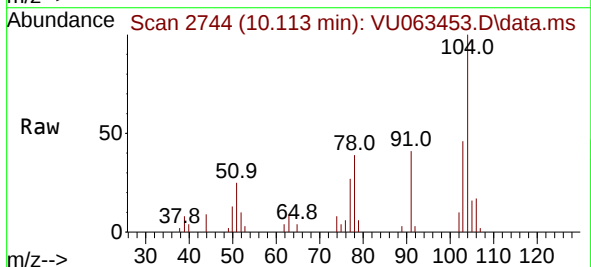
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion:106 Resp: 8920
Ion Ratio Lower Upper
106 100
91 230.2 110.8 332.3



#66
Styrene
Concen: 0.405 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:104 Resp: 14948
Ion Ratio Lower Upper
104 100
78 48.6 41.6 62.4
103 55.9 44.6 67.0





#67

Bromoform

Concen: 0.418 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

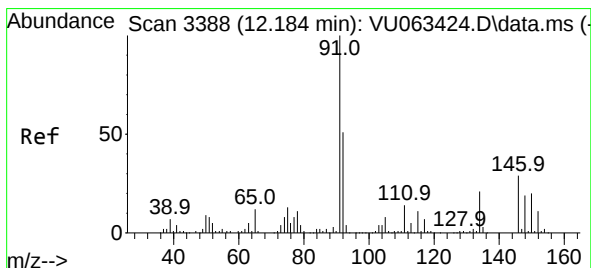
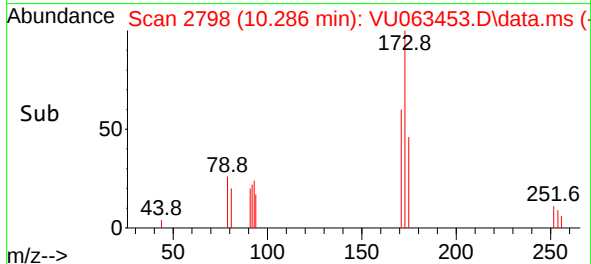
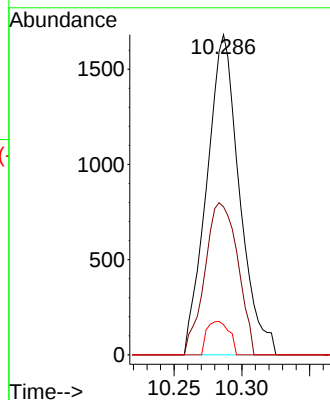
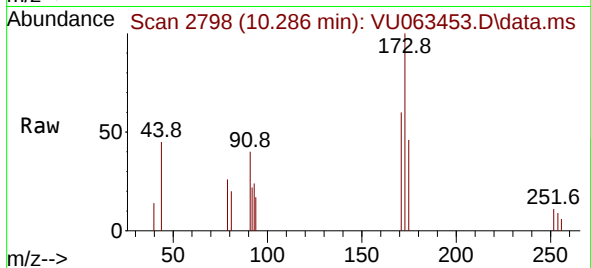
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:173	Resp:	2818
Ion Ratio	Lower	Upper
173	100	
175	47.8	38.2 57.2
254	7.1	7.6 11.4#



#68

1,2-Dichlorobenzene-d4

Concen: 0.878 ug/l

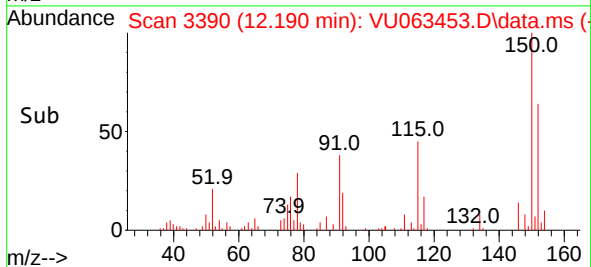
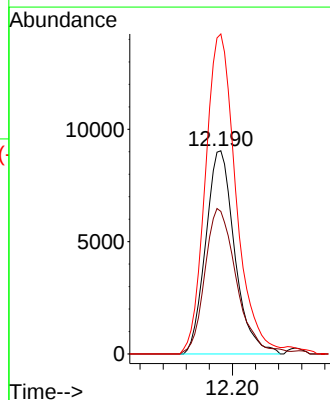
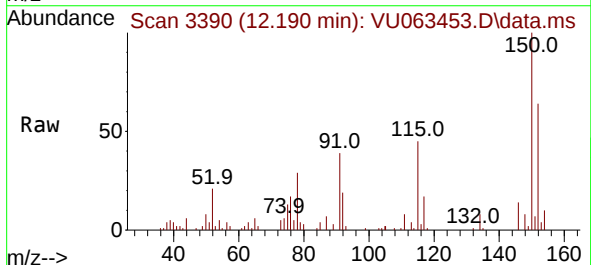
RT: 12.190 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion:152	Resp:	15734
Ion Ratio	Lower	Upper
152	100	
115	78.2	0.0 327.6
150	166.6	0.0 664.4

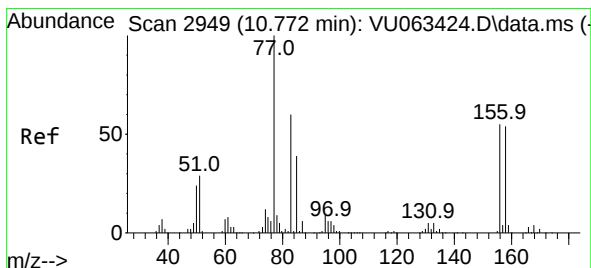
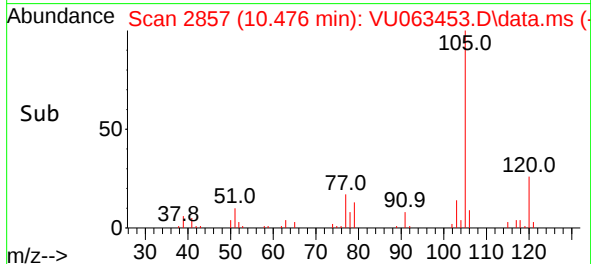
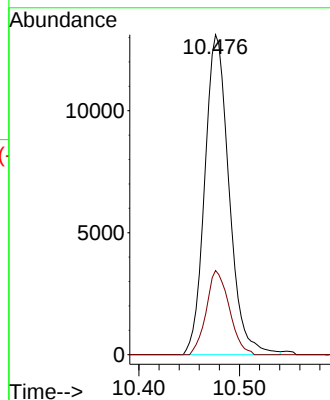
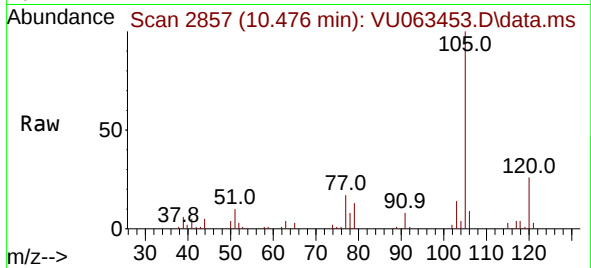




#69
Isopropylbenzene
Concen: 0.419 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

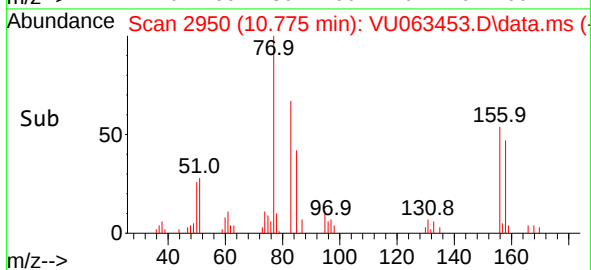
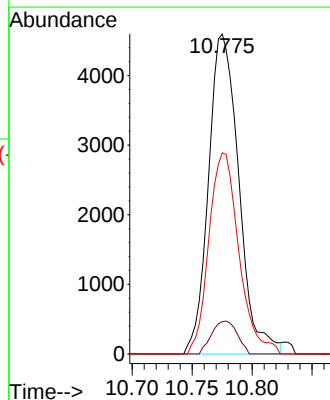
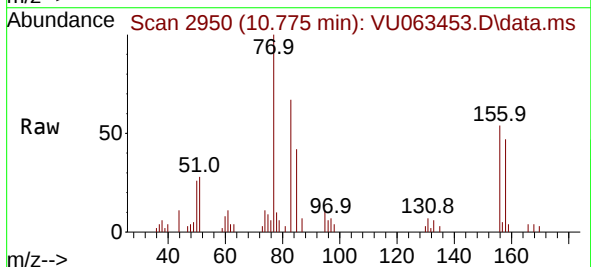
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

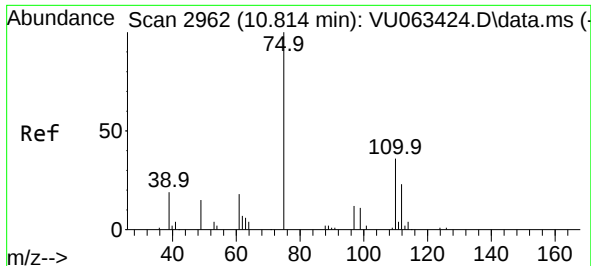
Tgt Ion:105 Resp: 22024
Ion Ratio Lower Upper
105 100
120 24.9 12.7 38.1



#70
1,1,2,2-Tetrachloroethane
Concen: 0.528 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 83 Resp: 8076
Ion Ratio Lower Upper
83 100
131 8.6 7.4 11.0
85 62.2 51.3 76.9

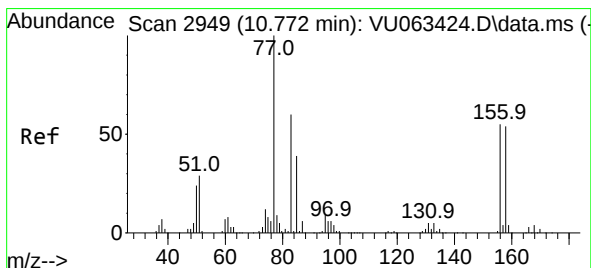
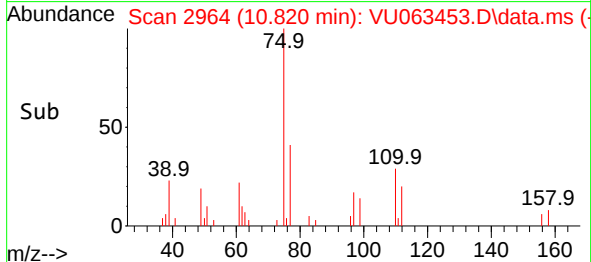
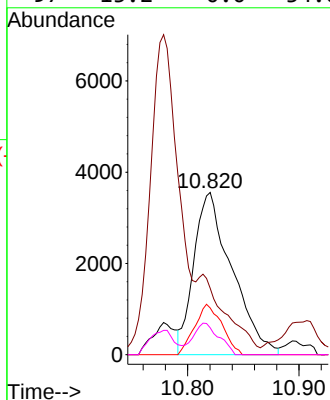
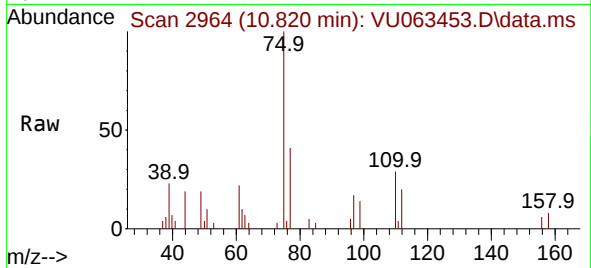




#71
1,2,3-Trichloropropane
Concen: 0.677 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

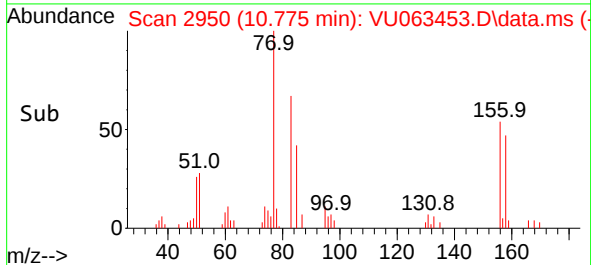
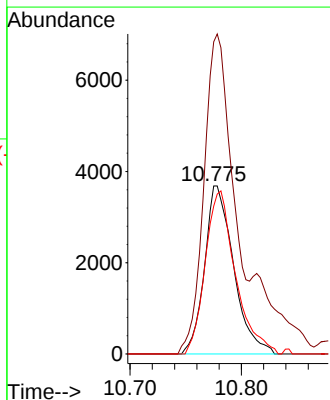
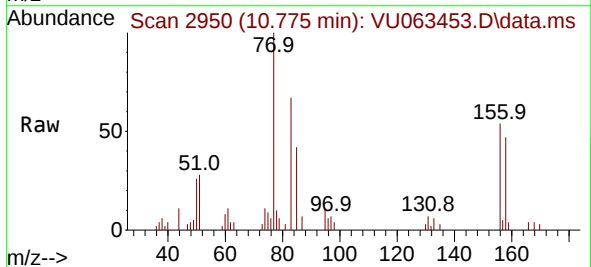
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

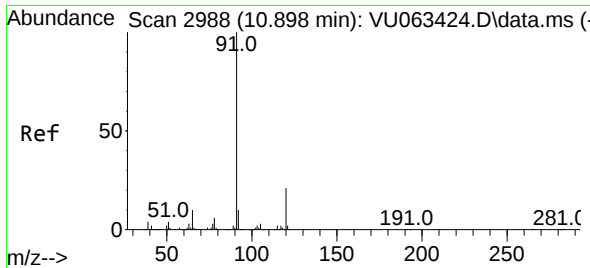
Tgt Ion:	75	Resp:	8456
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	22.3	0.0	63.4
97	13.2	0.0	34.0



#72
Bromobenzene
Concen: 0.453 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:	156	Resp:	6685
Ion Ratio	Lower	Upper	
156	100		
77	188.9	0.0	416.2
158	100.8	0.0	190.6

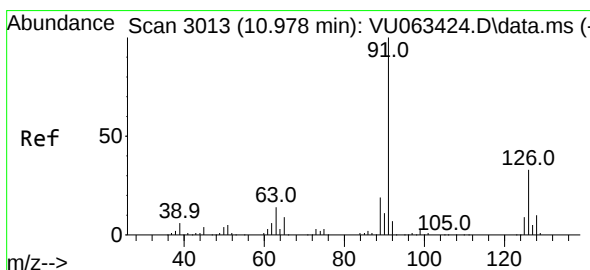
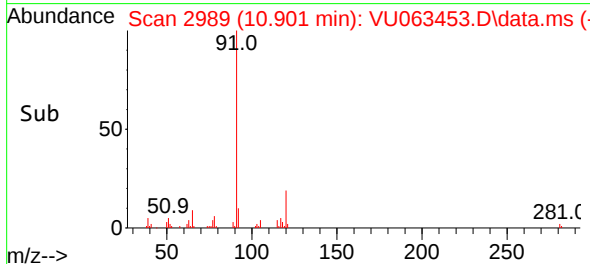
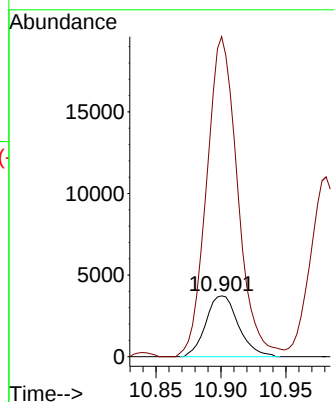
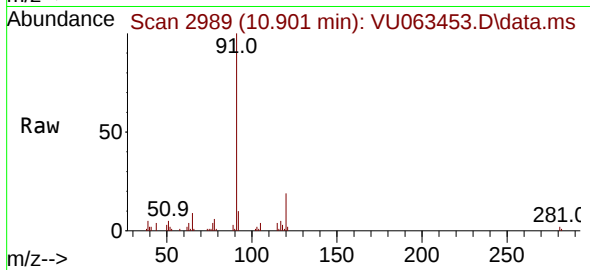




#73
n-propylbenzene
Concen: 0.408 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

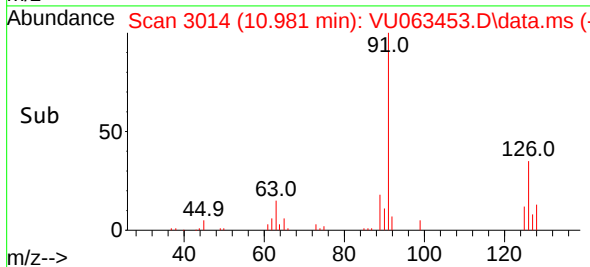
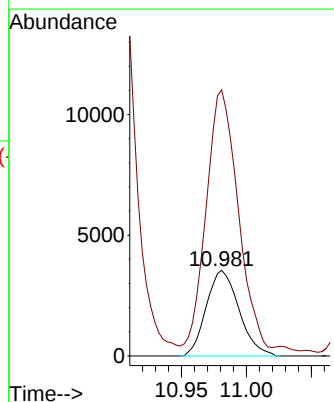
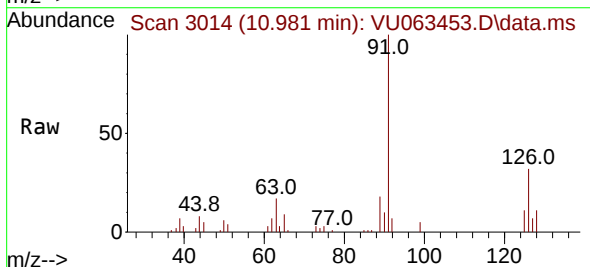
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

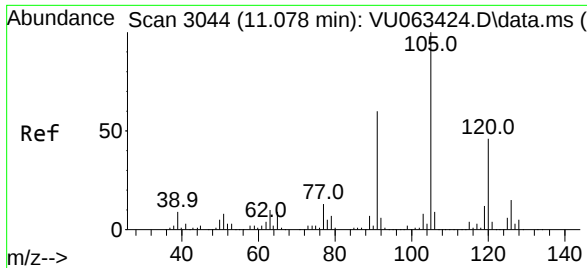
Tgt Ion:120 Resp: 6497
Ion Ratio Lower Upper
120 100
91 502.0 373.7 560.5



#74
2-Chlorotoluene
Concen: 0.426 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:126 Resp: 6216
Ion Ratio Lower Upper
126 100
91 292.9 0.0 650.8

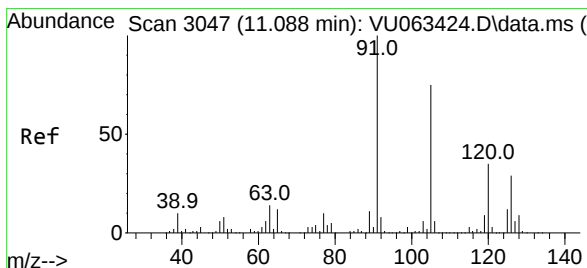
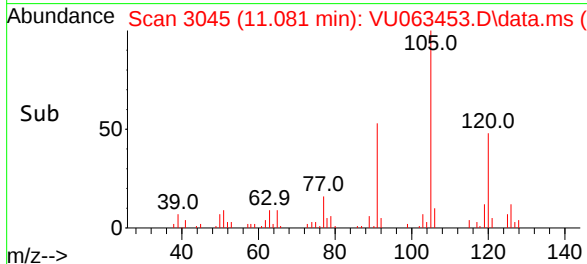
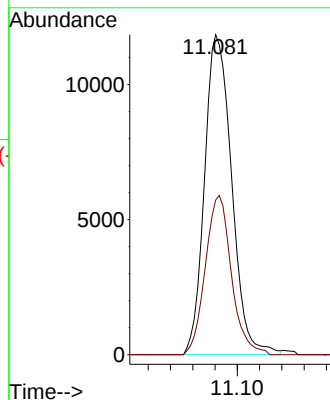
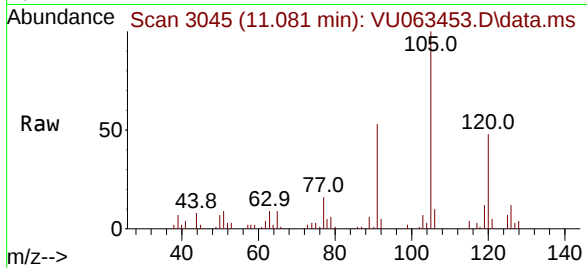




#75
 1,3,5-Trimethylbenzene
 Concen: 0.392 ug/l
 RT: 11.081 min Scan# 3045
 Delta R.T. 0.003 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

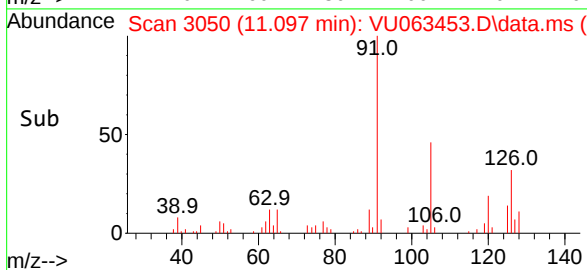
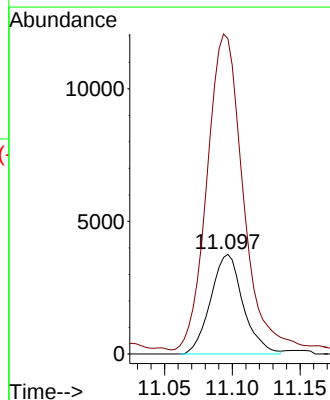
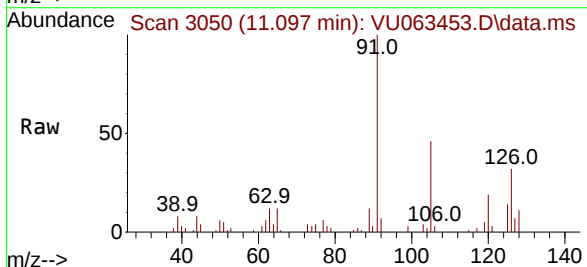
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

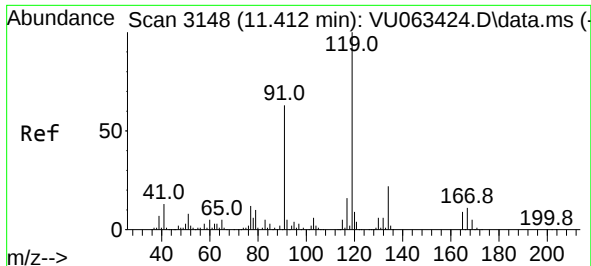
Tgt Ion:105 Resp: 20036
 Ion Ratio Lower Upper
 105 100
 120 47.7 37.0 55.4



#76
 4-Chlorotoluene
 Concen: 0.410 ug/l
 RT: 11.097 min Scan# 3050
 Delta R.T. 0.009 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

Tgt Ion:126 Resp: 6257
 Ion Ratio Lower Upper
 126 100
 91 353.4 0.0 713.2

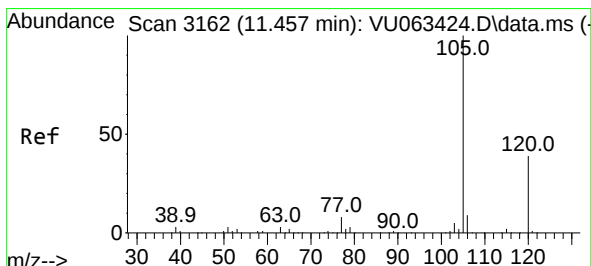
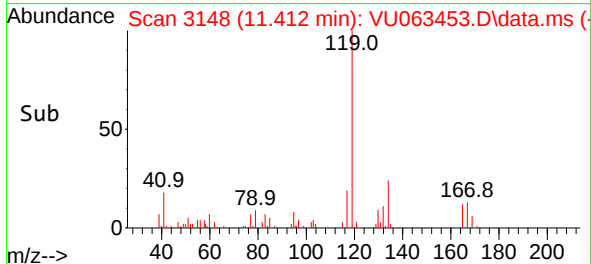
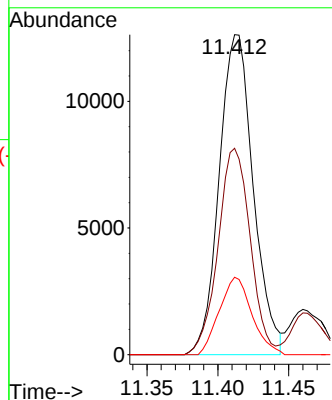
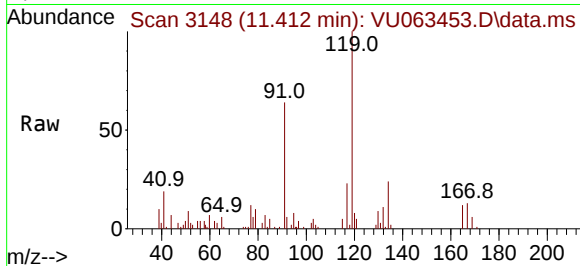




#77
tert-Butylbenzene
Concen: 0.439 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

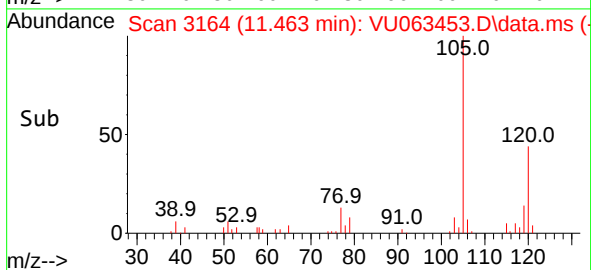
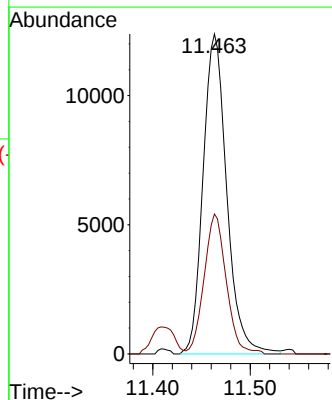
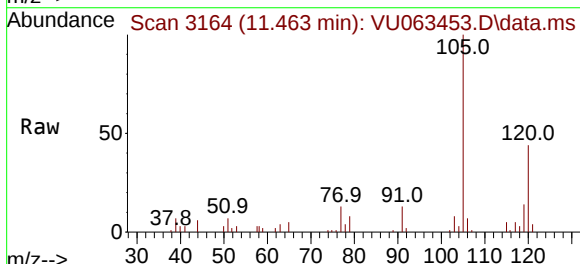
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

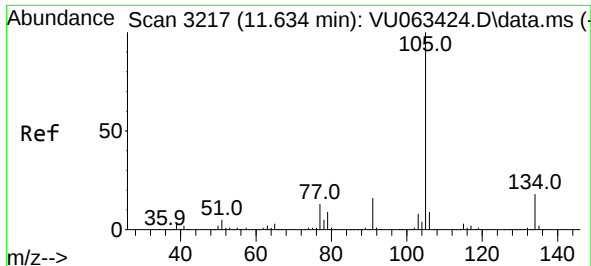
Tgt Ion:	119	Resp:	21175
Ion Ratio	Lower	Upper	
119	100		
91	60.9	30.9	92.7
134	23.1	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.406 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:	105	Resp:	20892
Ion Ratio	Lower	Upper	
105	100		
120	40.9	22.1	66.5

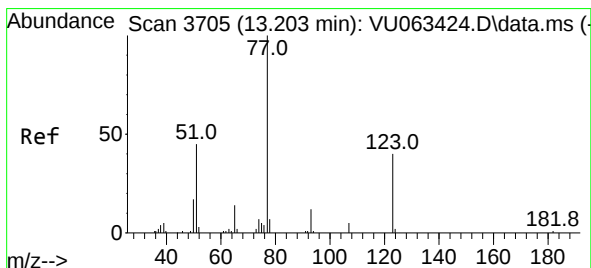
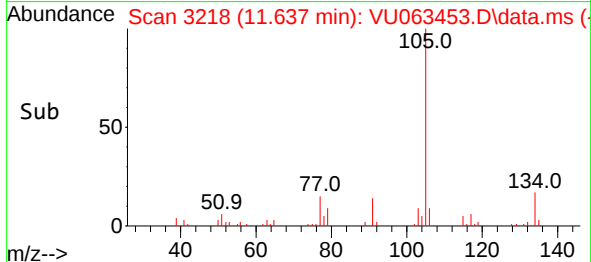
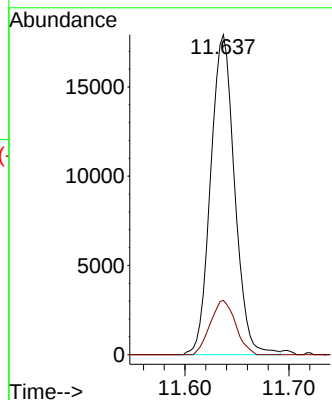
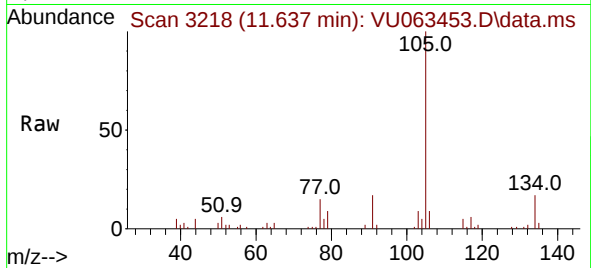




#79
 sec-Butylbenzene
 Concen: 0.420 ug/l
 RT: 11.637 min Scan# 3112
 Delta R.T. 0.003 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

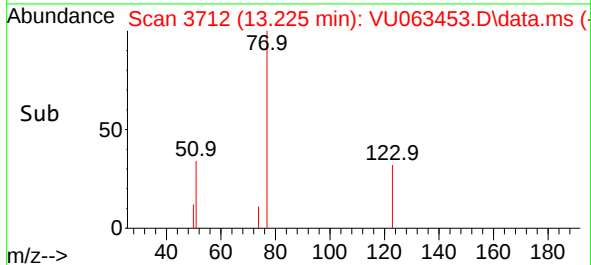
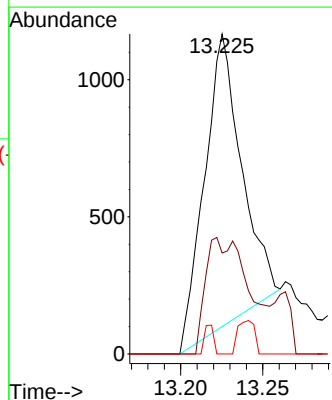
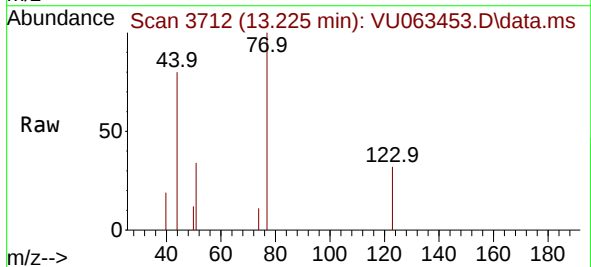
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

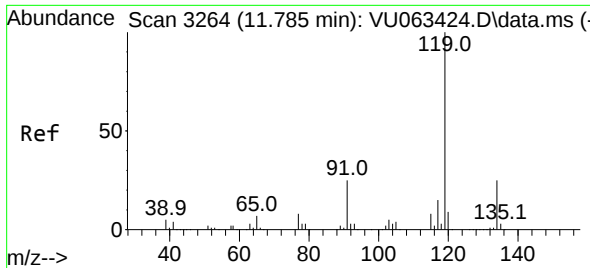
Tgt Ion:105 Resp: 28718
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.8 22.2



#80
 Nitrobenzene
 Concen: 2.430 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

Tgt Ion: 77 Resp: 1692
 Ion Ratio Lower Upper
 77 100
 123 32.6 19.6 69.6
 65 2.4 10.6 13.4#

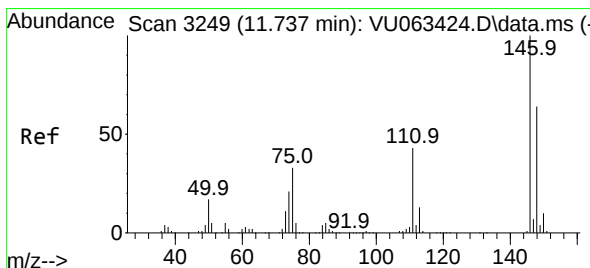
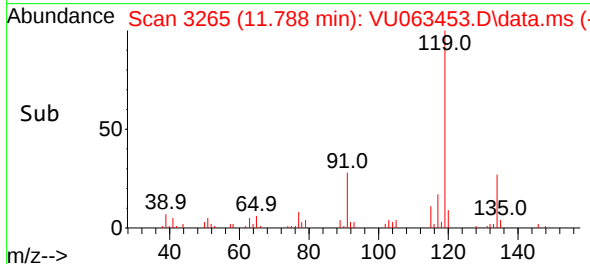
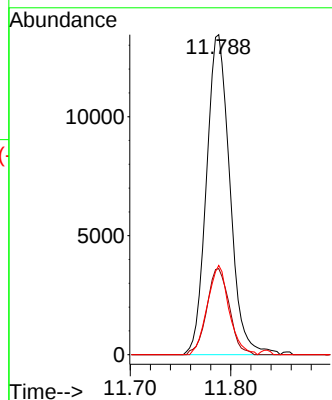
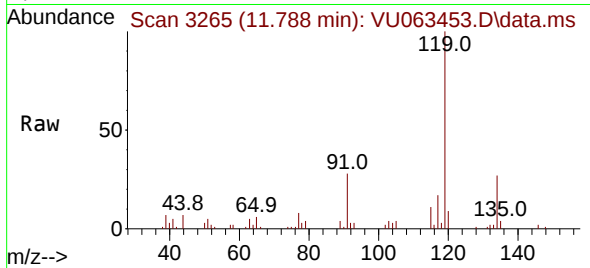




#81
p-Isopropyltoluene
Concen: 0.407 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

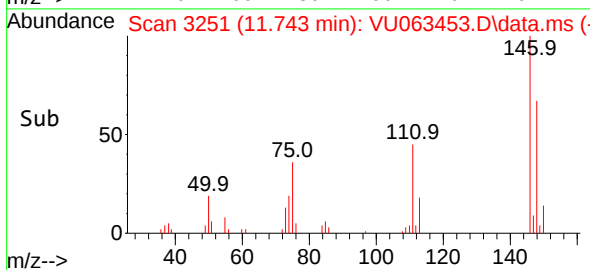
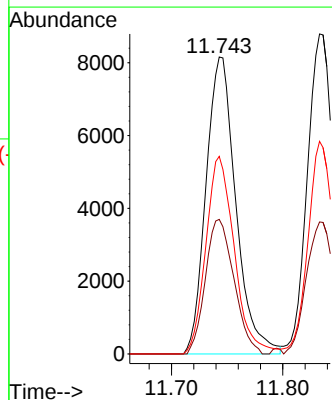
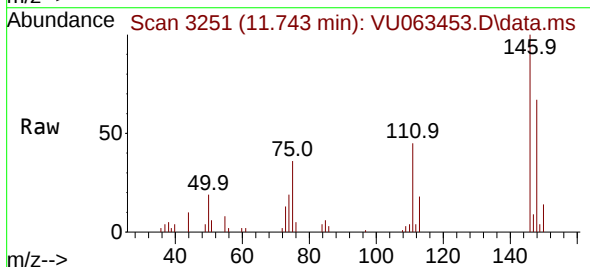
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

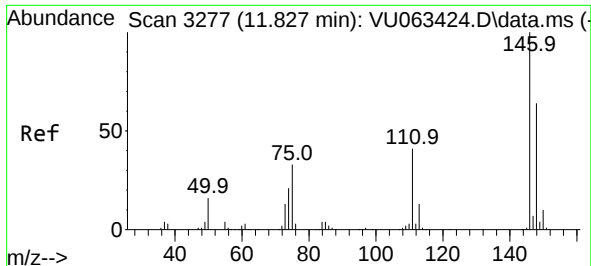
Tgt Ion:	119	Resp:	21741
Ion	Ratio	Lower	Upper
119	100		
134	25.8	20.2	30.2
91	25.8	19.7	29.5



#82
1,3-Dichlorobenzene
Concen: 0.498 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:	146	Resp:	15204
Ion	Ratio	Lower	Upper
146	100		
111	43.2	34.3	51.5
148	63.3	51.0	76.4

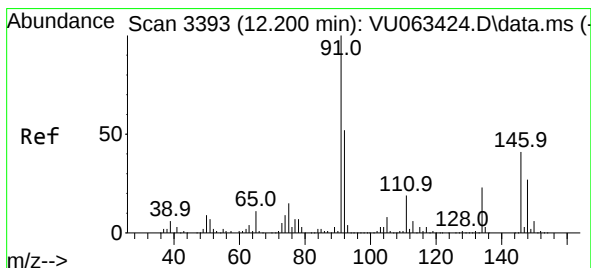
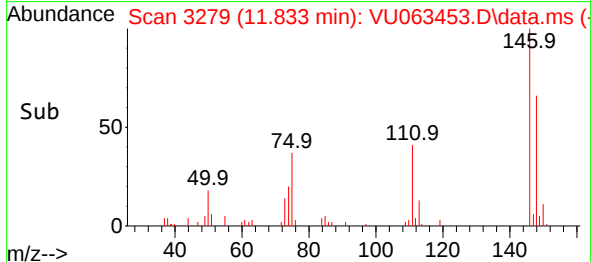
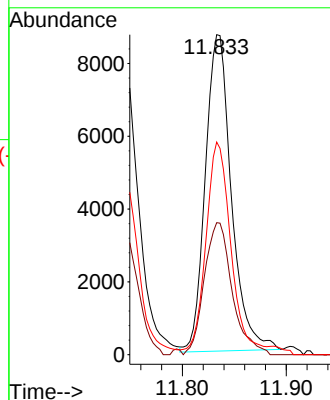
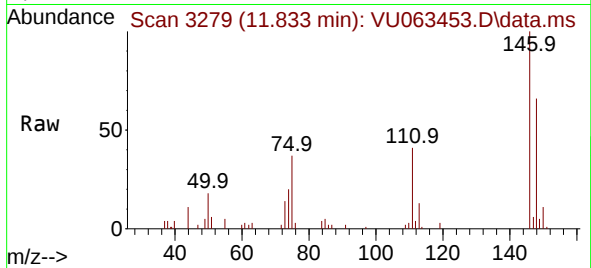




#83
1,4-Dichlorobenzene
Concen: 0.478 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

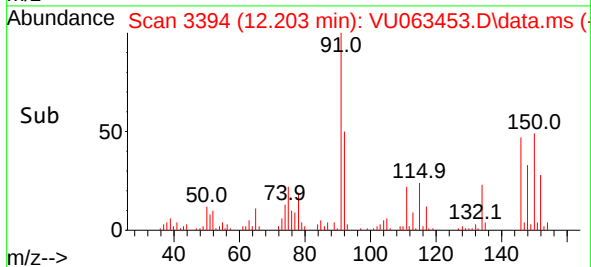
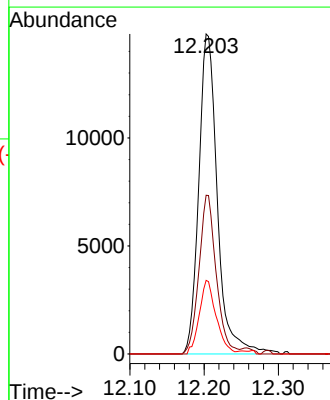
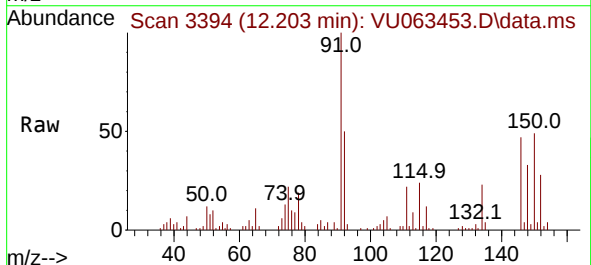
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

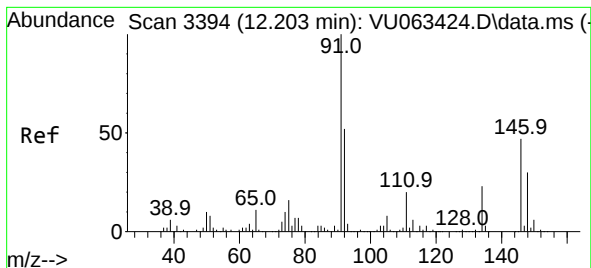
Tgt Ion:146 Resp: 15154
Ion Ratio Lower Upper
146 100
111 44.6 31.7 47.5
148 60.7 51.4 77.0



#84
n-Butylbenzene
Concen: 0.462 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 91 Resp: 25842
Ion Ratio Lower Upper
91 100
92 46.0 41.0 61.6
134 20.9 18.5 27.7





#85

1,2-Dichlorobenzene

Concen: 0.496 ug/l

RT: 12.209 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

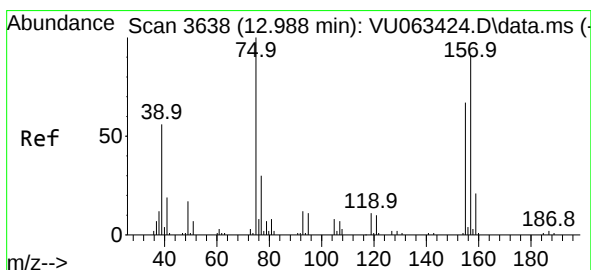
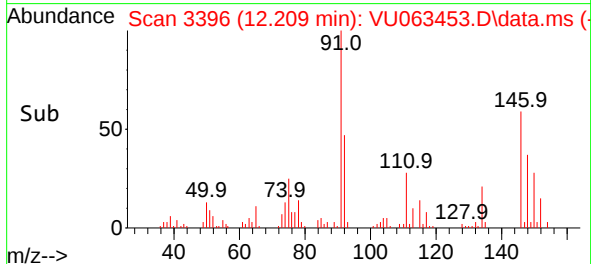
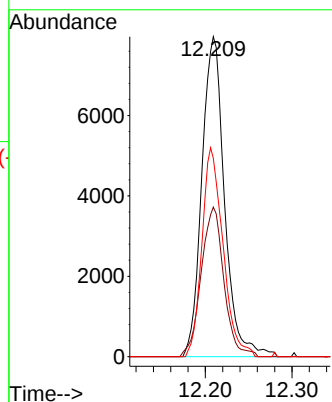
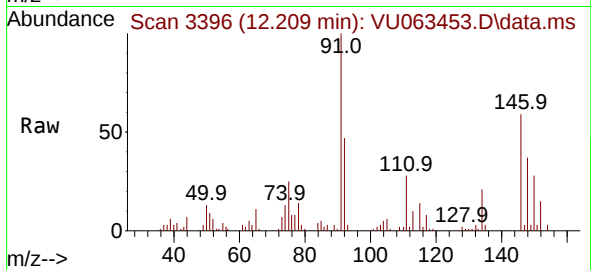
Tgt Ion:146 Resp: 14500

Ion Ratio Lower Upper

146 100

111 46.7 21.8 65.4

148 60.7 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.576 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

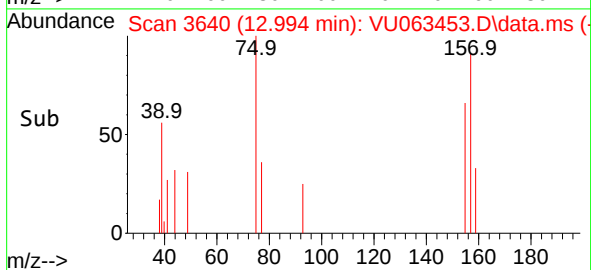
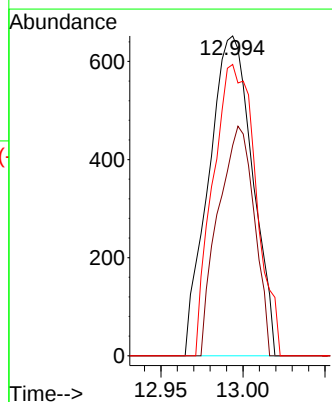
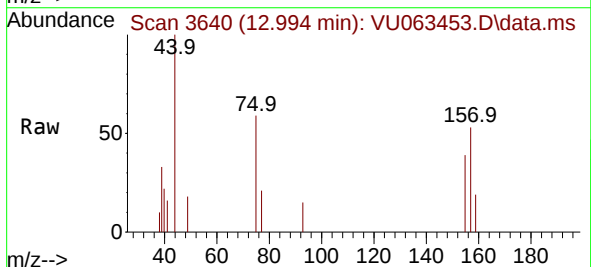
Tgt Ion: 75 Resp: 1210

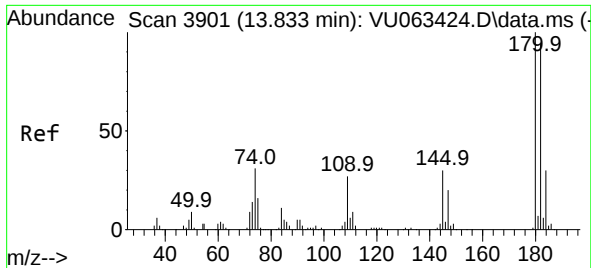
Ion Ratio Lower Upper

75 100

155 59.1 59.7 89.5#

157 89.0 75.0 112.4

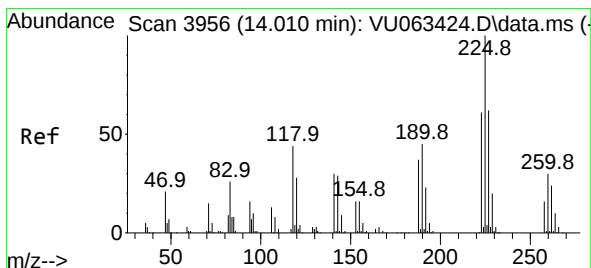
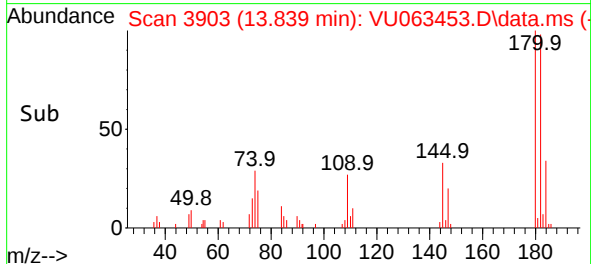
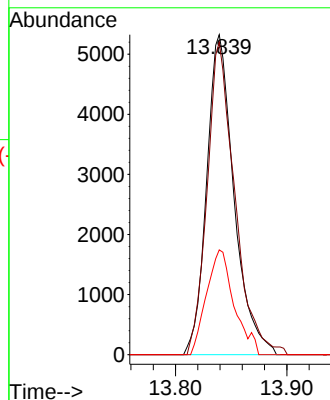
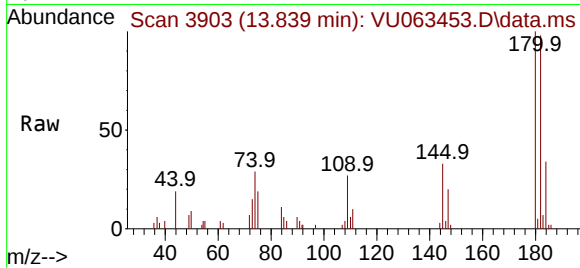




#87
 1,2,4-Trichlorobenzene
 Concen: 0.557 ug/l
 RT: 13.839 min Scan# 3901
 Delta R.T. 0.006 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

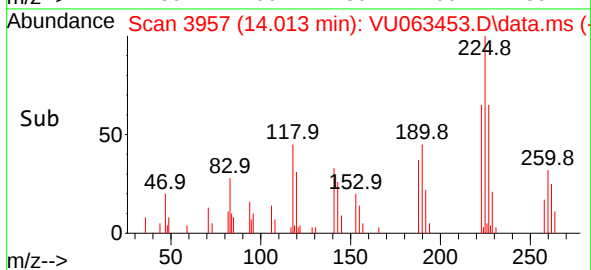
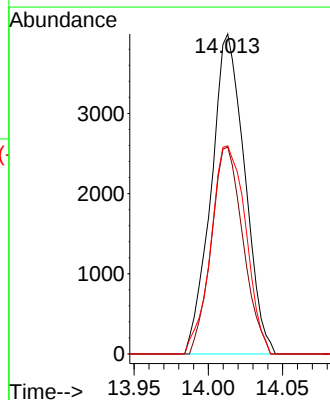
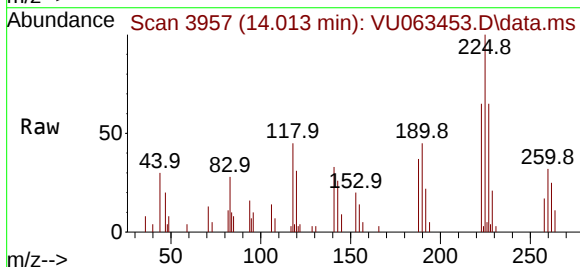
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

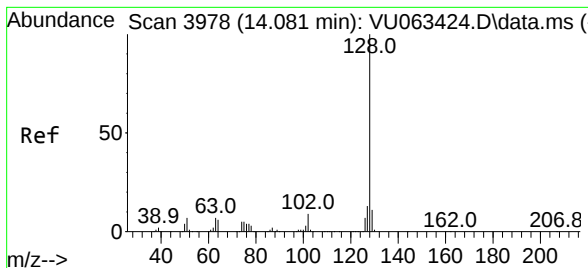
Tgt Ion:180 Resp: 9081
 Ion Ratio Lower Upper
 180 100
 182 98.8 75.6 113.4
 145 33.0 24.6 36.8



#88
 Hexachlorobutadiene
 Concen: 0.541 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. 0.003 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

Tgt Ion:225 Resp: 6257
 Ion Ratio Lower Upper
 225 100
 223 61.3 50.0 75.0
 227 67.7 51.5 77.3





#89

Naphthalene

Concen: 0.676 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.009 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

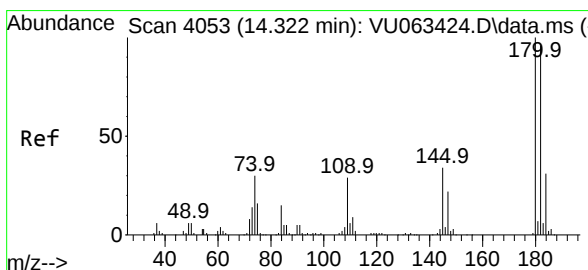
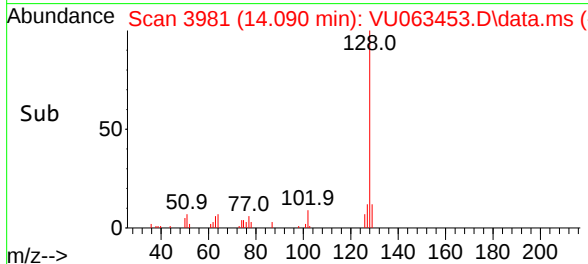
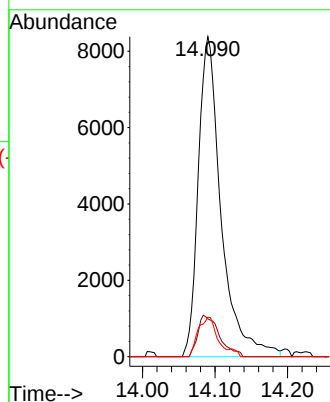
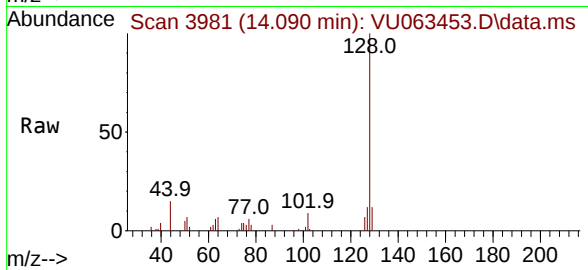
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:128	Resp:	18365
Ion Ratio	Lower	Upper
128	100	
127	12.2	10.4 15.6
129	10.3	8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 0.581 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion:180	Resp:	9420
Ion Ratio	Lower	Upper
180	100	
182	94.8	76.7 115.1
145	31.6	27.4 41.2

