

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080725\
 Data File : VR026729.D
 Acq On : 7 Aug 2025 16:08
 Operator : SY/MD
 Sample : Q2126-08
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 08 01:43:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.288	168	344188	50.000	ug/l	-0.02
33) 1,4-Difluorobenzene	8.318	114	602481	50.000	ug/l	-0.01
62) Chlorobenzene-d5	11.530	117	478310	50.000	ug/l	-0.01
71) 1,4-Dichlorobenzene-d4	13.738	152	227175	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.673	65	219427	50.370	ug/l	-0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.740%	
34) Dibromofluoromethane	7.189	113	185781	49.855	ug/l	-0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.720%	
49) Toluene-d8	10.025	98	755660	56.602	ug/l	-0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.200%#	
61) 4-Bromofluorobenzene	12.666	95	196834	51.837	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.680%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.663	85	11583	4.617	ug/l	94
3) Chloromethane	1.836	50	20018	5.368	ug/l	98
4) Vinyl Chloride	1.955	62	24642	6.467	ug/l #	73
5) Bromomethane	2.302	94	12332	6.642	ug/l	87
6) Chloroethane	2.427	64	15129	6.166	ug/l	92
7) Trichlorofluoromethane	2.709	101	50491	7.352	ug/l	95
8) Diethyl Ether	3.069	74	13710	4.499	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.373	101	5810	1.568	ug/l #	20
10) Methyl Iodide	3.540	142	16746	4.683	ug/l #	78
11) Tert butyl alcohol	4.314	59	3040	4.460	ug/l	99
12) 1,1-Dichloroethene	3.354	96	16521	4.512	ug/l #	85
13) Acrolein	3.242	56	16470	16.531	ug/l	95
14) Allyl chloride	3.874	41	30217	4.195	ug/l #	52
15) Acrylonitrile	4.471	53	63604	23.509	ug/l #	64
16) Acetone	3.441	43	51839	25.354	ug/l	99
17) Carbon Disulfide	3.637	76	17908	3.304	ug/l	100
18) Methyl Acetate	3.893	43	46821	5.487	ug/l #	74
19) Methyl tert-butyl Ether	4.545	73	36322	2.479	ug/l	96
20) Methylene Chloride	4.070	84	17945	3.698	ug/l #	82
21) trans-1,2-Dichloroethene	4.513	96	7372	1.832	ug/l	91
22) Diisopropyl ether	5.453	45	73043	4.327	ug/l #	93
23) Vinyl Acetate	5.373	43	205526	21.355	ug/l #	86
24) 1,1-Dichloroethane	5.321	63	23704	2.773	ug/l #	93
25) 2-Butanone	6.367	43	80214	25.347	ug/l #	85
26) 2,2-Dichloropropane	6.338	77	12427	2.103	ug/l	90
27) cis-1,2-Dichloroethene	6.342	96	14088	2.721	ug/l	53
28) Bromochloromethane	6.733	49	8012	2.601	ug/l #	33
29) Chloroform	6.945	83	36114	4.877	ug/l	99
30) Cyclohexane	7.259	56	16858	2.442	ug/l	88
31) 1,1,1-Trichloroethane	7.160	97	11194	2.093	ug/l #	78
35) 1,1-Dichloropropene	7.417	75	16535	3.517	ug/l #	76
36) Ethyl Acetate	6.483	43	25294	4.494	ug/l #	93
37) Carbon Tetrachloride	7.401	117	10655	2.783	ug/l	98
38) Methylcyclohexane	8.880	83	25073	4.659	ug/l	92
39) Benzene	7.693	78	88389	5.221	ug/l	93
40) Methacrylonitrile	6.717	41	6640	1.898	ug/l #	47

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.789	62	24130	5.604	ug/l	90
42) Isopropyl Acetate	7.859	43	39543	4.370	ug/l #	94
43) Trichloroethene	8.591	130	7129	2.190	ug/l	90
44) 1,2-Dichloropropane	8.909	63	18346	4.579	ug/l #	75
45) Dibromomethane	9.015	93	13654	6.128	ug/l #	87
46) Bromodichloromethane	9.242	83	19510	4.519	ug/l #	84
47) Methyl methacrylate	9.021	41	20158	5.090	ug/l #	86
48) 1,4-Dioxane	9.024	88	5230	81.976	ug/l #	67
50) 4-Methyl-2-Pentanone	9.916	43	127978	27.088	ug/l	97
51) Toluene	10.102	92	46315	5.359	ug/l	96
52) t-1,3-Dichloropropene	10.359	75	16330	3.859	ug/l	99
53) cis-1,3-Dichloropropene	9.737	75	23203	4.572	ug/l #	90
54) 1,1,2-Trichloroethane	10.565	97	20039	6.349	ug/l #	89
55) Ethyl methacrylate	10.427	69	23241	4.459	ug/l	90
56) 1,3-Dichloropropane	10.728	76	31944	5.942	ug/l	93
57) 2-Chloroethyl Vinyl ether	9.583	63	7246	25.157	ug/l #	78
58) 2-Hexanone	10.789	43	83313	26.158	ug/l	100
59) Dibromochloromethane	10.946	129	12272	4.594	ug/l	96
60) 1,2-Dibromoethane	11.068	107	15545	5.723	ug/l	92
63) Tetrachloroethene	10.651	164	14246	5.452	ug/l #	78
64) Chlorobenzene	11.556	112	53328	5.357	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.656	131	12179	4.479	ug/l #	35
66) Ethyl Benzene	11.659	91	78046	4.696	ug/l	92
67) m/p-Xylenes	11.778	106	62800	9.457	ug/l	97
68) o-Xylene	12.153	106	30893	4.793	ug/l	93
69) Styrene	12.169	104	49199	4.567	ug/l	98
70) Bromoform	12.355	173	5710	3.711	ug/l #	95
72) Isopropylbenzene	12.500	105	75270	4.649	ug/l	99
73) N-amyl acetate	12.304	43	25857	4.028	ug/l #	85
74) 1,1,2,2-Tetrachloroethane	12.779	83	24659	5.191	ug/l	97
75) 1,2,3-Trichloropropane	12.833	75	13240	3.516	ug/l #	100
76) Bromobenzene	12.808	156	18200	4.857	ug/l	88
77) n-propylbenzene	12.885	91	93120	4.820	ug/l	96
78) 2-Chlorotoluene	12.978	91	52903	4.827	ug/l	93
79) 1,3,5-Trimethylbenzene	13.045	105	60039	4.742	ug/l	99
80) trans-1,4-Dichloro-2-b...	12.663	75	95293	73.704	ug/l #	16
81) 4-Chlorotoluene	13.090	91	50871	4.543	ug/l	96
82) tert-Butylbenzene	13.343	119	54591	4.740	ug/l	96
83) 1,2,4-Trimethylbenzene	13.392	105	58244	4.647	ug/l	93
84) sec-Butylbenzene	13.546	105	81839	4.792	ug/l	96
85) p-Isopropyltoluene	13.677	119	60455	4.341	ug/l	97
86) 1,3-Dichlorobenzene	13.671	146	38615	5.256	ug/l	99
87) 1,4-Dichlorobenzene	13.757	146	40925	5.550	ug/l	97
88) n-Butylbenzene	14.046	91	55948	4.359	ug/l	95
89) Hexachloroethane	14.345	117	8254	4.127	ug/l	89
90) 1,2-Dichlorobenzene	14.091	146	38381	5.563	ug/l	96
91) 1,2-Dibromo-3-Chloropr...	14.794	75	391	0.618	ug/l #	1
92) 1,2,4-Trichlorobenzene	15.548	180	12888	3.124	ug/l #	29
93) Hexachlorobutadiene	15.689	225	4834	3.606	ug/l #	31
94) Naphthalene	15.827	128	68532	5.420	ug/l #	85
95) 1,2,3-Trichlorobenzene	16.055	180	17967	4.587	ug/l #	69

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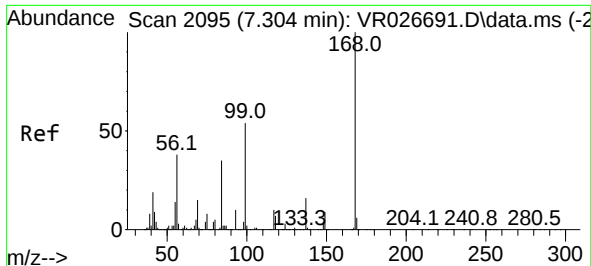
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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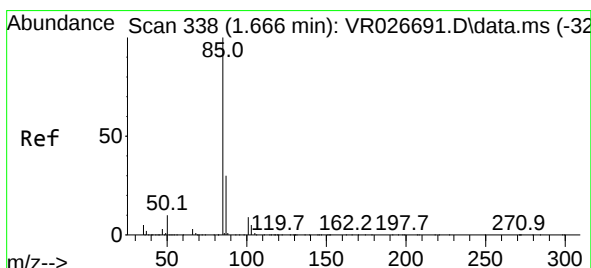
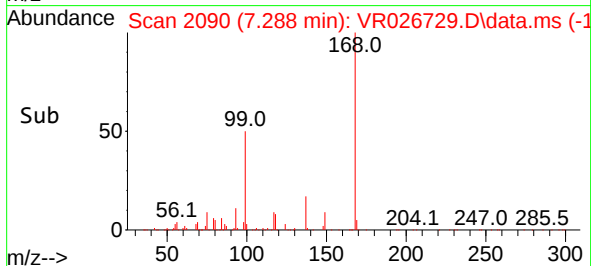
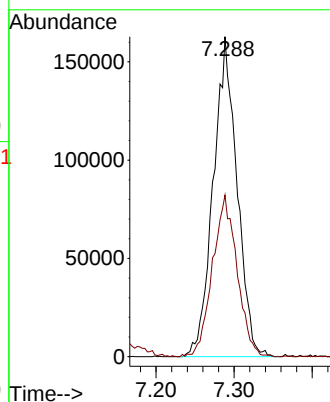
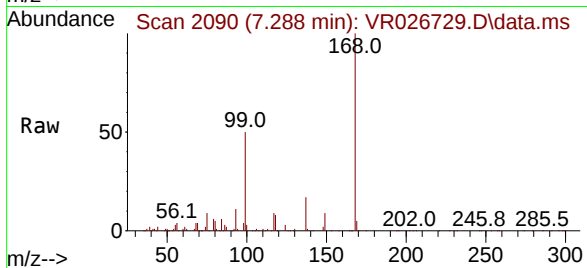




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.288 min Scan# 2095
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

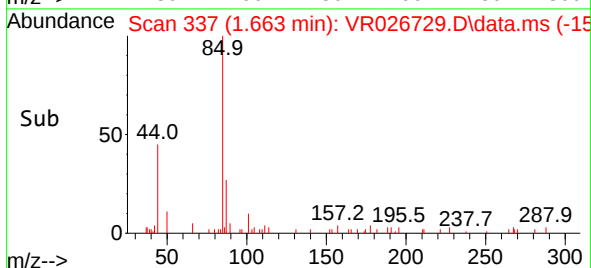
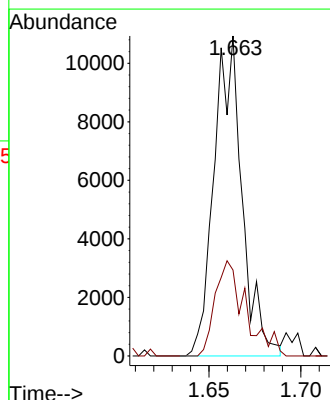
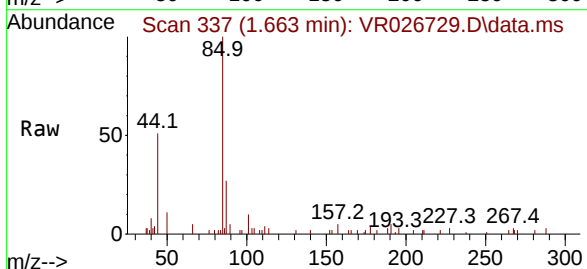
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ClientSampleId : LOQ-WATER-02-QT2-2025

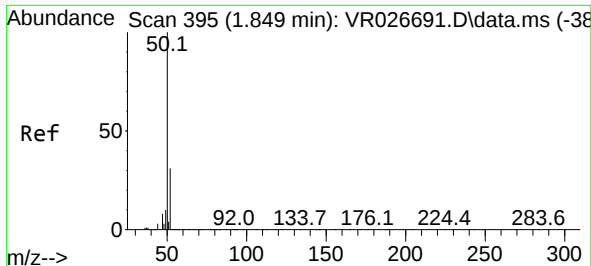
Tgt Ion:168 Resp: 344188
Ion Ratio Lower Upper
168 100
99 50.5 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 4.617 ug/l
RT: 1.663 min Scan# 337
Delta R.T. -0.003 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 85 Resp: 11583
Ion Ratio Lower Upper
85 100
87 26.8 15.2 45.5





#3

Chloromethane

Concen: 5.368 ug/l

RT: 1.836 min Scan# 391

Delta R.T. -0.013 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

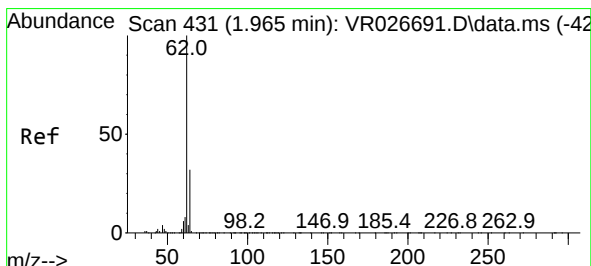
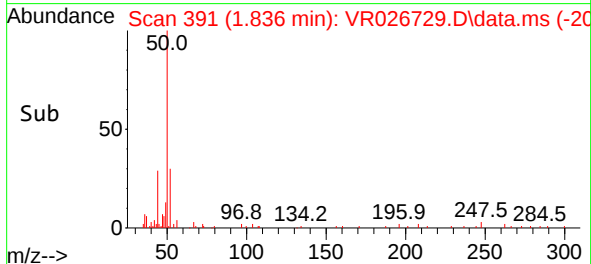
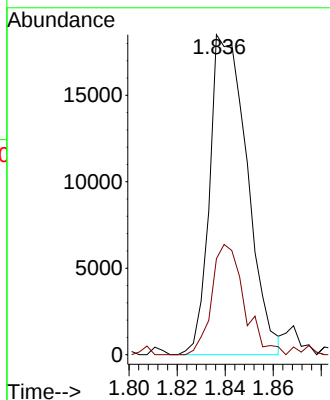
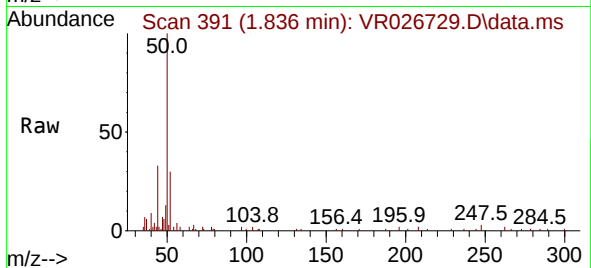
LOQ-WATER-02-QT2-2025

Tgt Ion: 50 Resp: 20018

Ion Ratio Lower Upper

50 100

52 30.0 25.0 37.4



#4

Vinyl Chloride

Concen: 6.467 ug/l

RT: 1.955 min Scan# 428

Delta R.T. -0.010 min

Lab File: VR026729.D

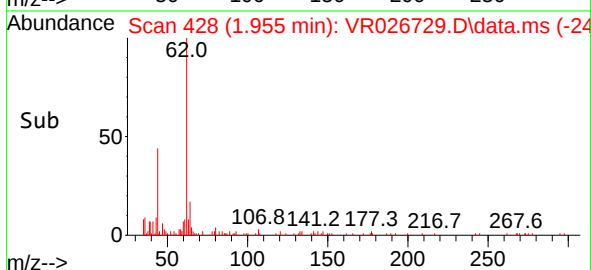
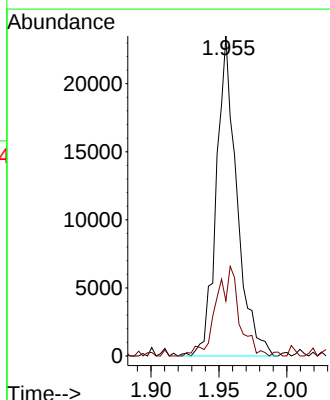
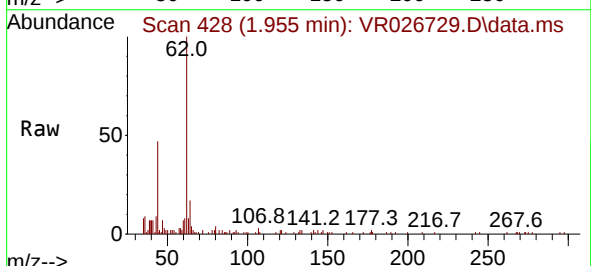
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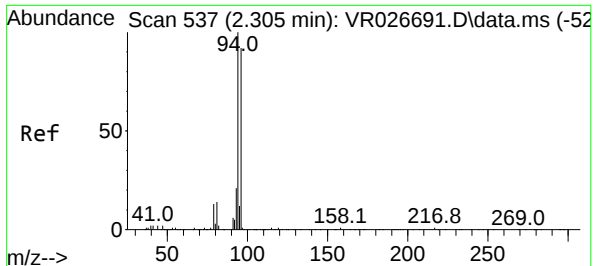
Tgt Ion: 62 Resp: 24642

Ion Ratio Lower Upper

62 100

64 17.2 25.9 38.9#

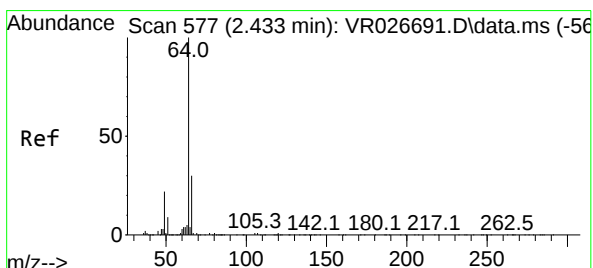
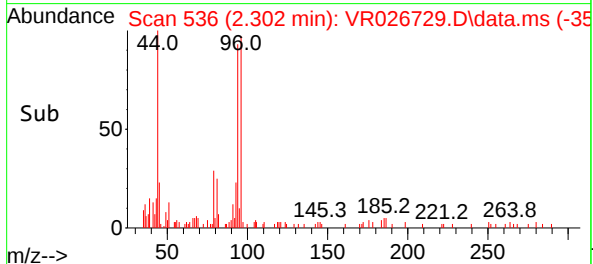
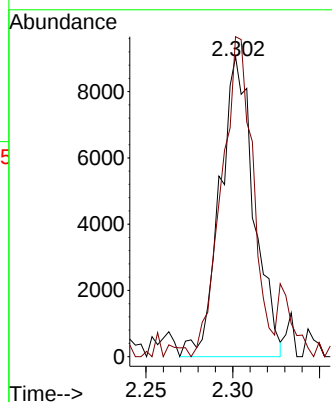
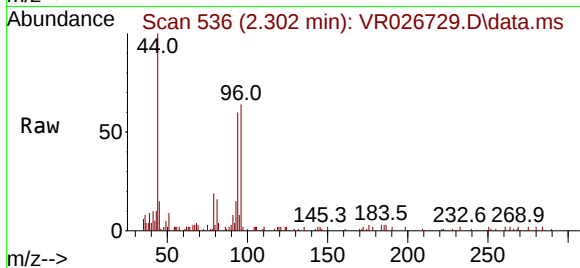




#5
Bromomethane
Concen: 6.642 ug/l
RT: 2.302 min Scan# 51
Delta R.T. -0.003 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

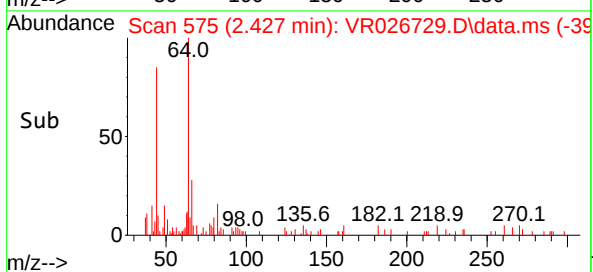
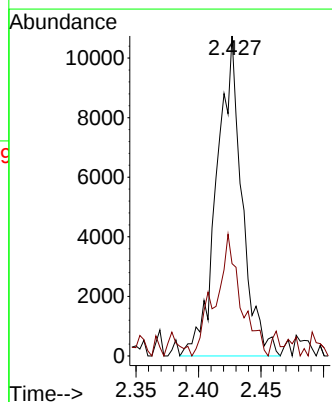
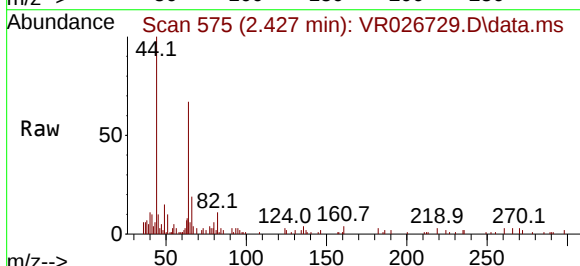
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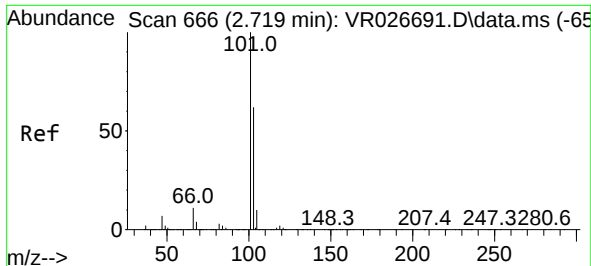
Tgt Ion: 94 Resp: 12332
Ion Ratio Lower Upper
94 100
96 103.8 73.3 109.9



#6
Chloroethane
Concen: 6.166 ug/l
RT: 2.427 min Scan# 575
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 64 Resp: 15129
Ion Ratio Lower Upper
64 100
66 26.0 24.3 36.5

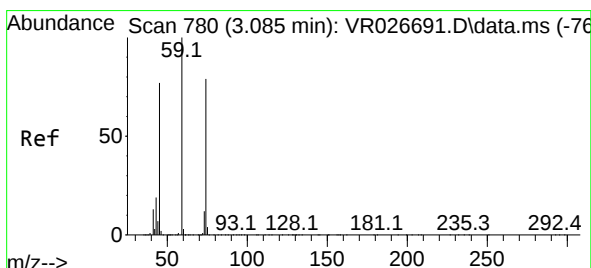
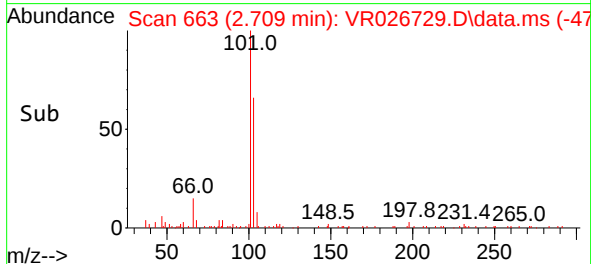
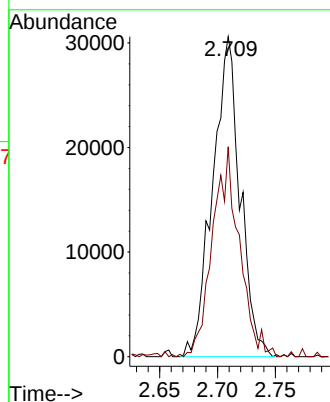
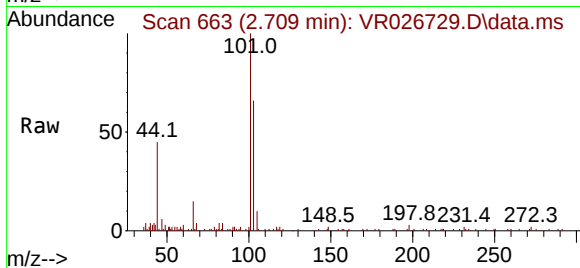




#7
 Trichlorofluoromethane
 Concen: 7.352 ug/l
 RT: 2.709 min Scan# 610
 Delta R.T. -0.010 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

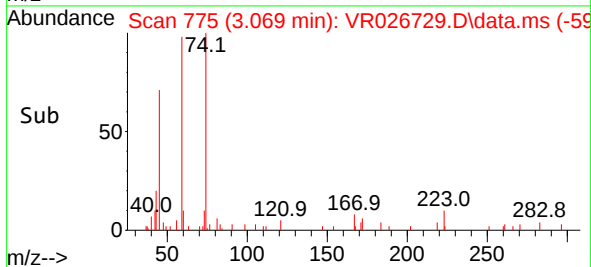
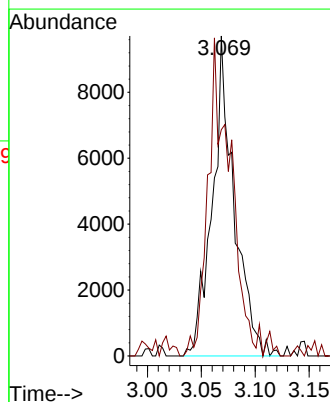
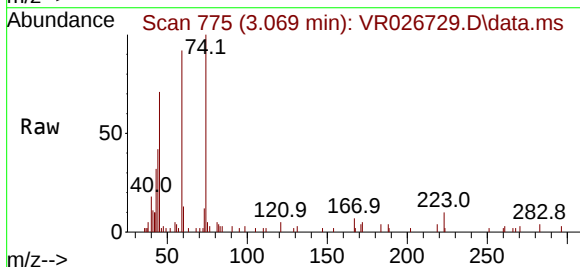
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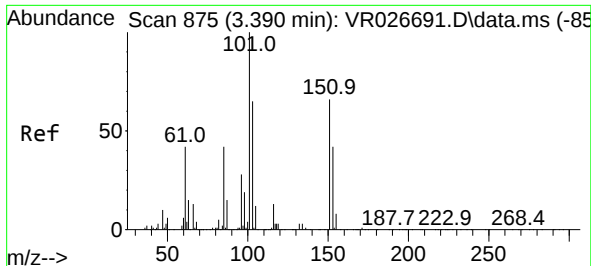
Tgt Ion:101 Resp: 50491
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.4 74.2



#8
 Diethyl Ether
 Concen: 4.499 ug/l
 RT: 3.069 min Scan# 775
 Delta R.T. -0.016 min
 Lab File: VR026729.D
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Tgt Ion: 74 Resp: 13710
 Ion Ratio Lower Upper
 74 100
 45 101.0 47.1 141.3

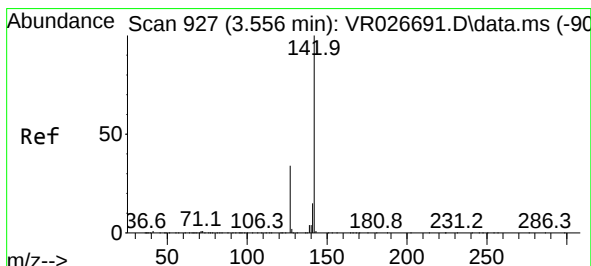
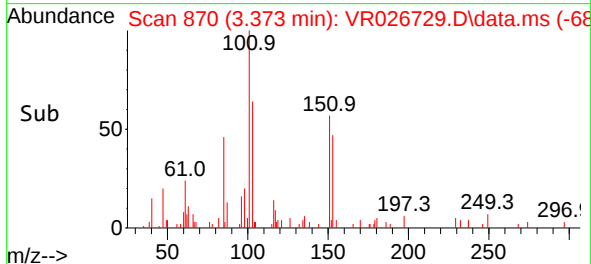
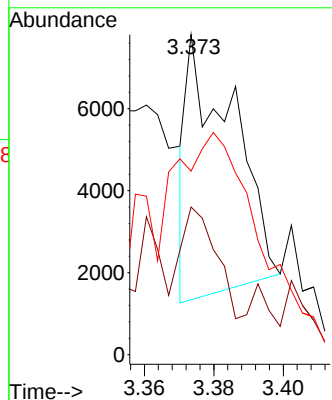
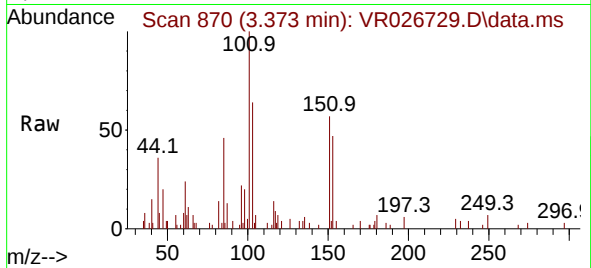




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.568 ug/l
RT: 3.373 min Scan# 81
Delta R.T. -0.016 min
Lab File: VR026729.D
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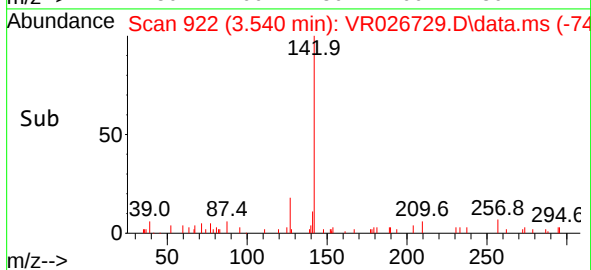
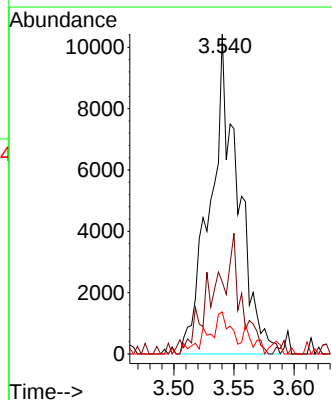
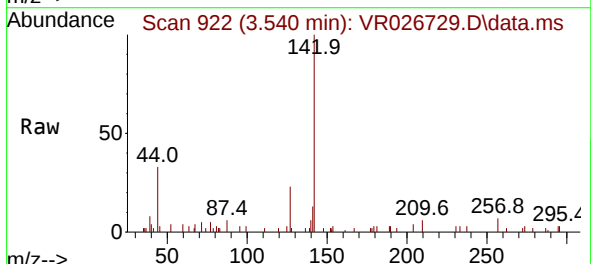
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

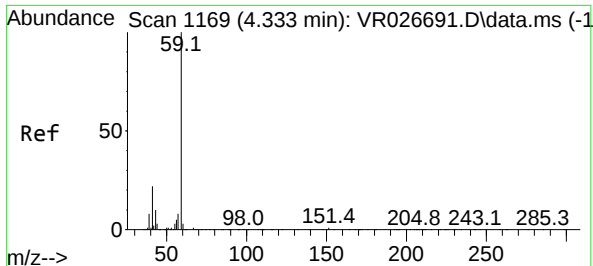
Tgt Ion:101 Resp: 5810
Ion Ratio Lower Upper
101 100
85 53.2 34.5 51.7#
151 163.3 53.4 80.0#



#10
Methyl Iodide
Concen: 4.683 ug/l
RT: 3.540 min Scan# 922
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:142 Resp: 16746
Ion Ratio Lower Upper
142 100
127 21.1 30.1 45.1#
141 10.8 10.8 16.2

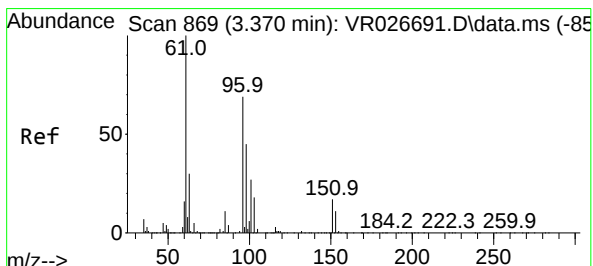
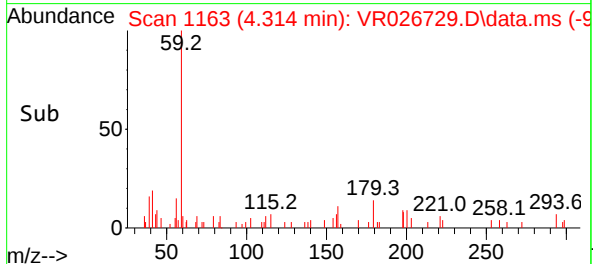
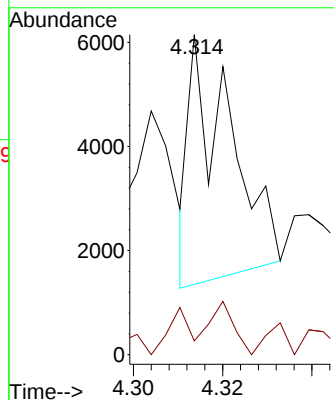
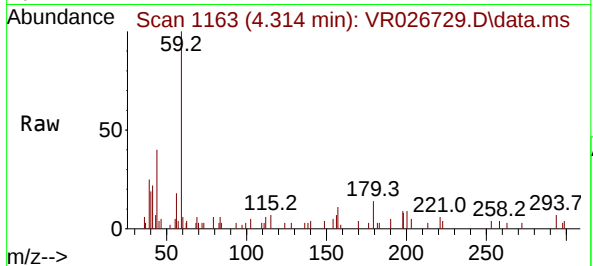




#11
Tert butyl alcohol
Concen: 4.460 ug/l
RT: 4.314 min Scan# 1163
Delta R.T. -0.019 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

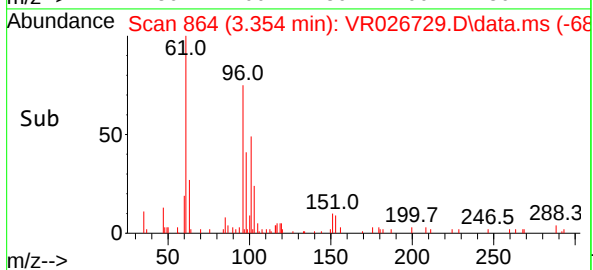
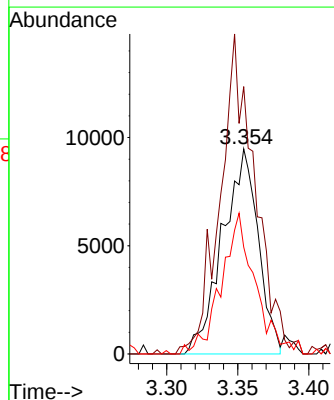
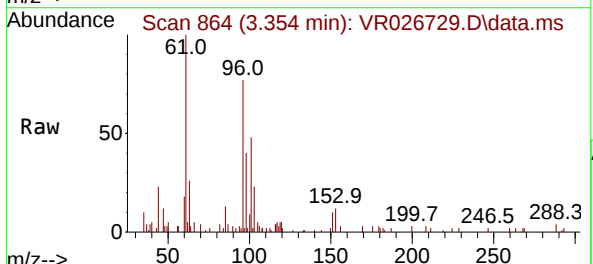
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

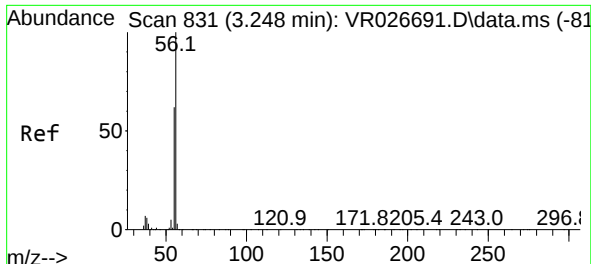
Tgt Ion: 59 Resp: 3040
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 4.512 ug/l
RT: 3.354 min Scan# 864
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 96 Resp: 16521
Ion Ratio Lower Upper
96 100
61 126.8 116.2 174.4
98 52.1 52.3 78.5#

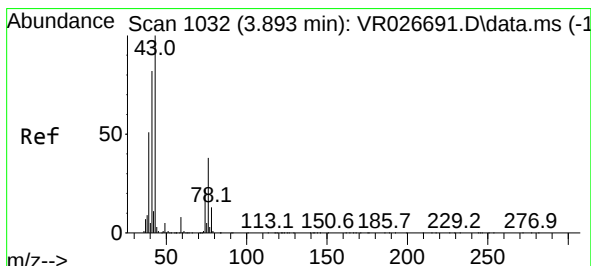
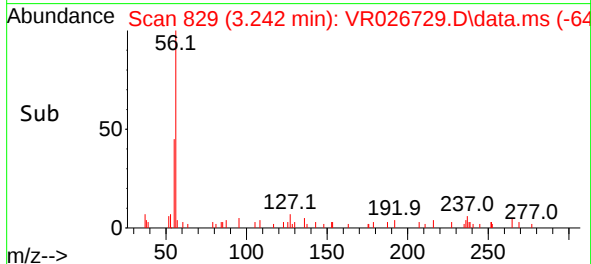
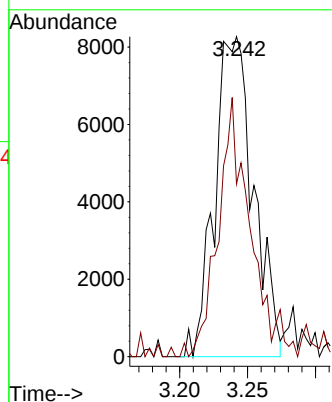
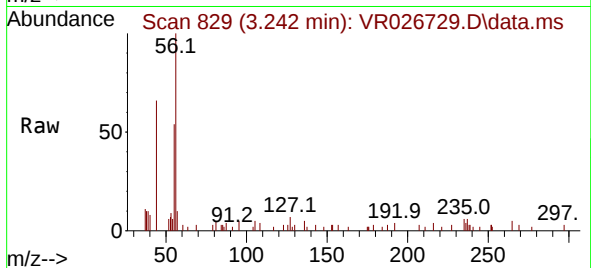




#13
Acrolein
Concen: 16.531 ug/l
RT: 3.242 min Scan# 81
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

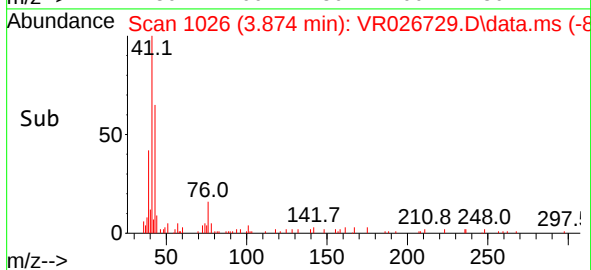
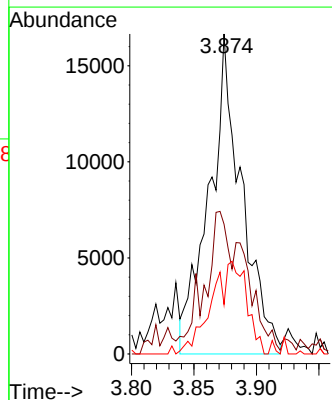
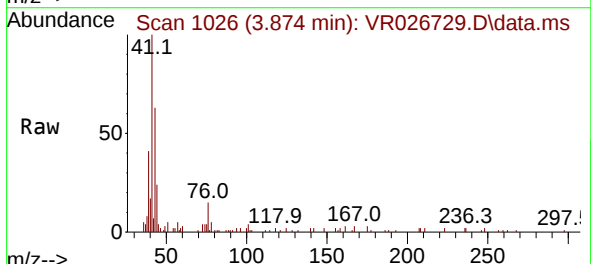
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

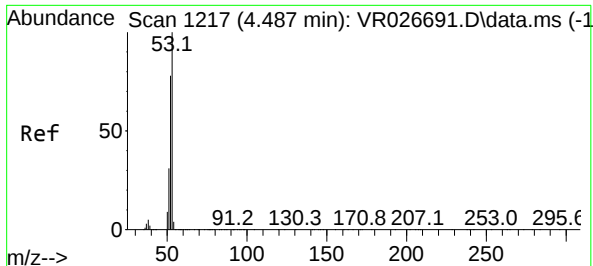
Tgt Ion: 56 Resp: 16470
Ion Ratio Lower Upper
56 100
55 63.3 53.8 80.8



#14
Allyl chloride
Concen: 4.195 ug/l
RT: 3.874 min Scan# 1026
Delta R.T. -0.019 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 41 Resp: 30217
Ion Ratio Lower Upper
41 100
39 17.1 44.2 66.2#
76 13.6 31.0 46.4#

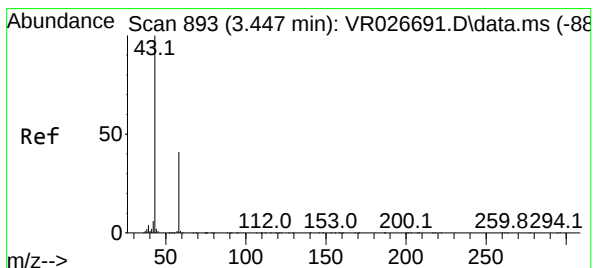
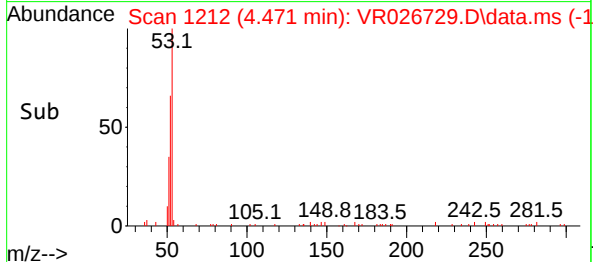
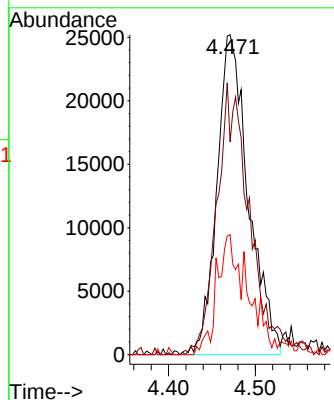
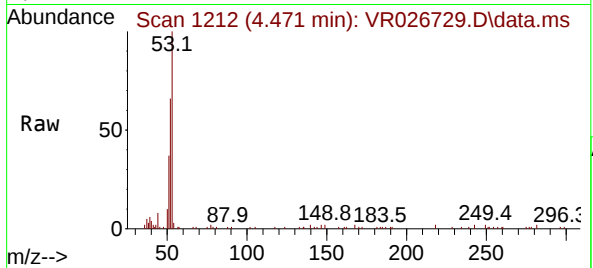




#15
Acrylonitrile
Concen: 23.509 ug/l
RT: 4.471 min Scan# 11
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

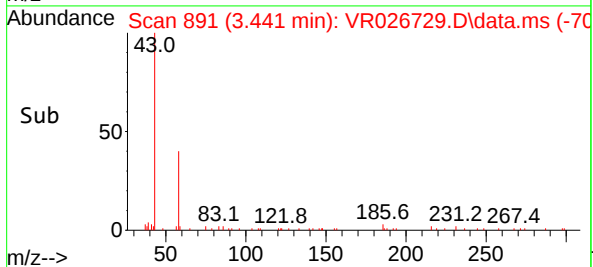
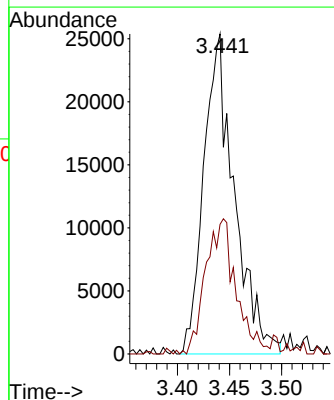
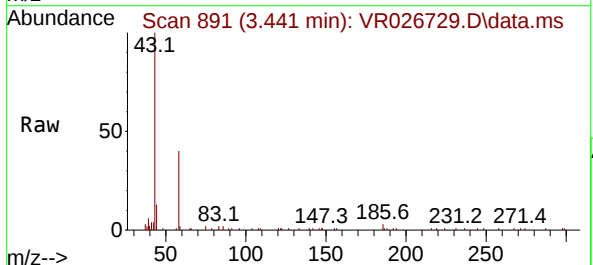
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

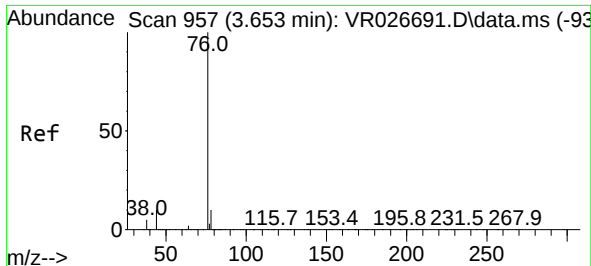
Tgt Ion: 53 Resp: 63604
Ion Ratio Lower Upper
53 100
52 38.1 61.4 92.2#
51 24.5 25.8 38.6#



#16
Acetone
Concen: 25.354 ug/l
RT: 3.441 min Scan# 891
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 43 Resp: 51839
Ion Ratio Lower Upper
43 100
58 40.5 32.9 49.3

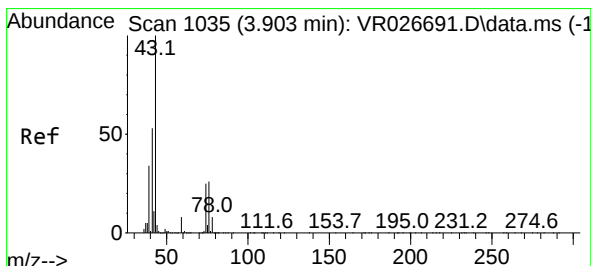
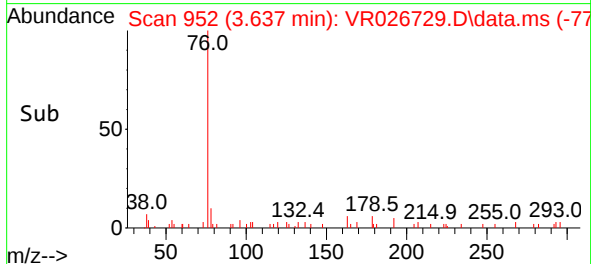
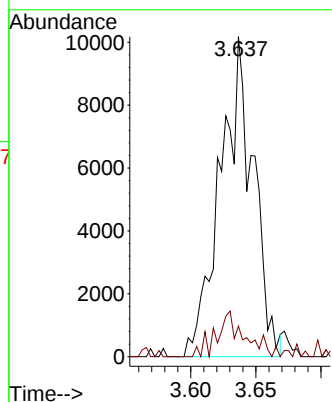
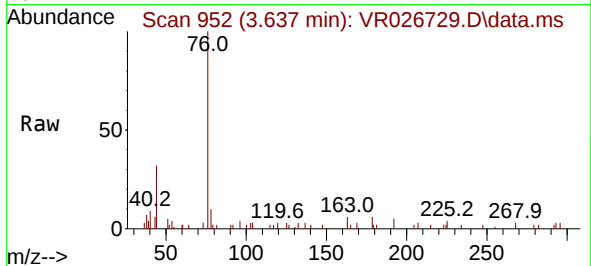




#17
Carbon Disulfide
Concen: 3.304 ug/l
RT: 3.637 min Scan# 91
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

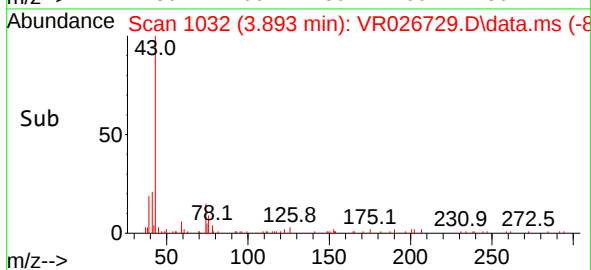
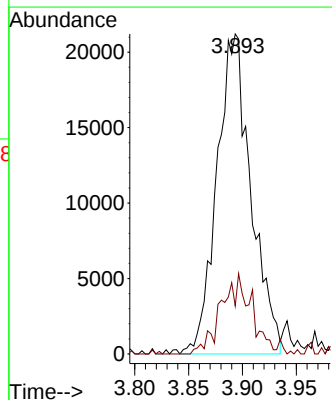
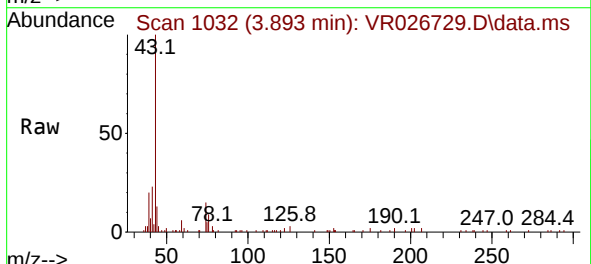
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

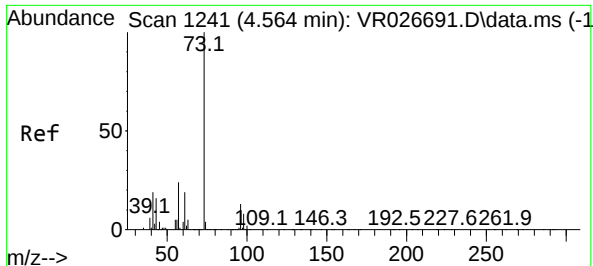
Tgt Ion: 76 Resp: 17908
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.6



#18
Methyl Acetate
Concen: 5.487 ug/l
RT: 3.893 min Scan# 1032
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 43 Resp: 46821
Ion Ratio Lower Upper
43 100
74 11.2 19.4 29.0#





#19

Methyl tert-butyl Ether

Concen: 2.479 ug/l

RT: 4.545 min Scan# 11

Delta R.T. -0.019 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

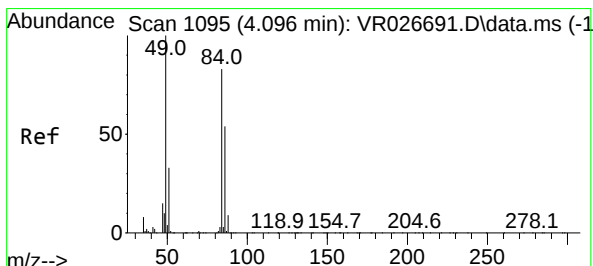
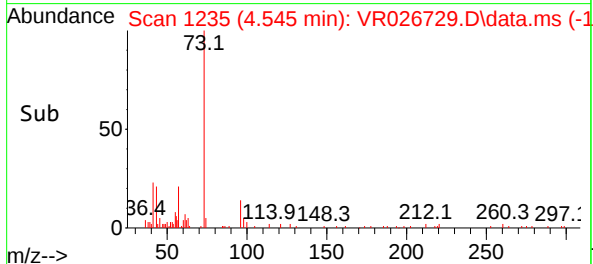
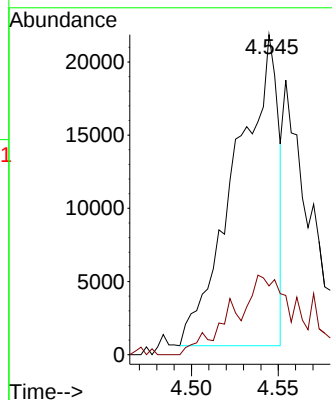
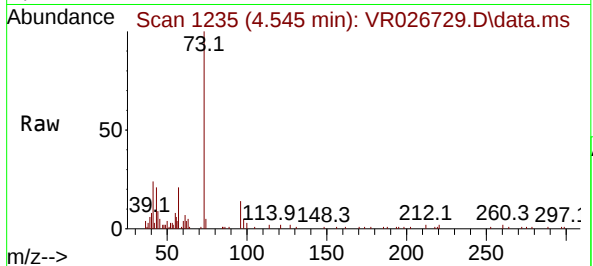
LOQ-WATER-02-QT2-2025

Tgt Ion: 73 Resp: 36322

Ion Ratio Lower Upper

73 100

57 22.1 19.4 29.0



#20

Methylene Chloride

Concen: 3.698 ug/l

RT: 4.070 min Scan# 1087

Delta R.T. -0.026 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Tgt Ion: 84 Resp: 17945

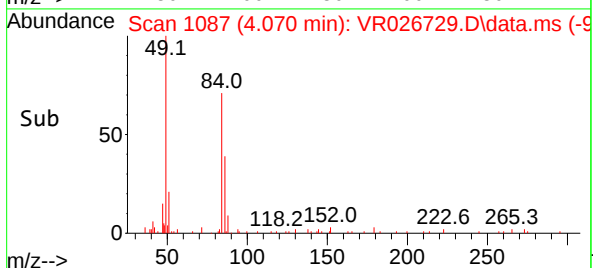
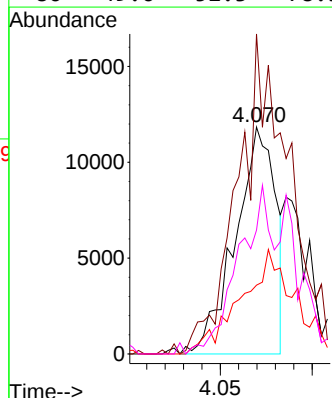
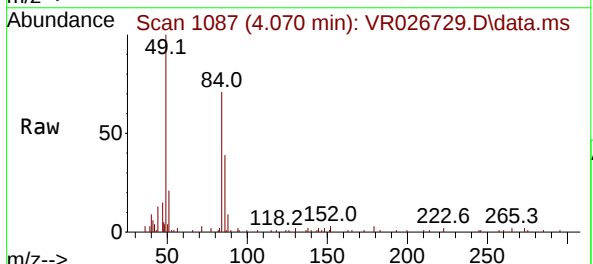
Ion Ratio Lower Upper

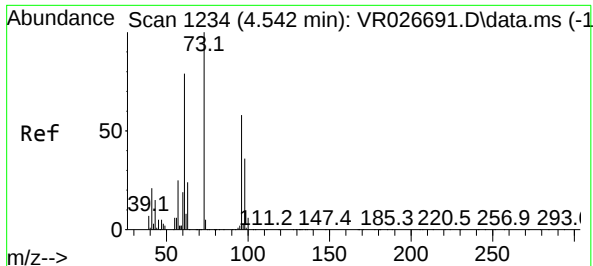
84 100

49 141.0 96.2 144.4

51 30.3 31.8 47.6#

86 49.6 52.3 78.5#

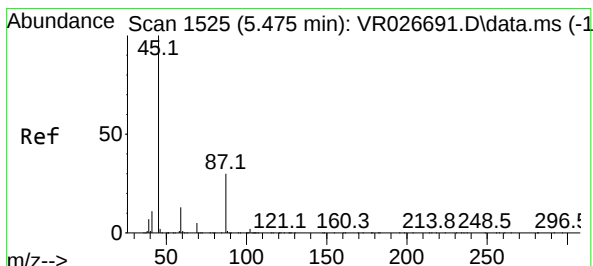
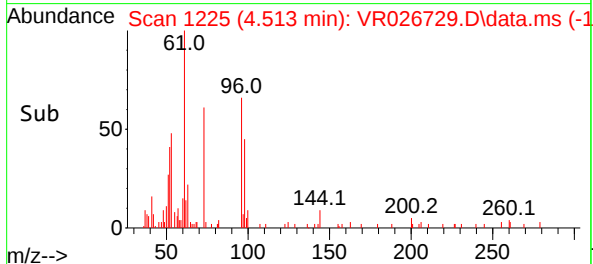
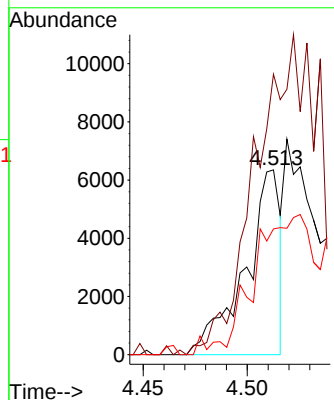
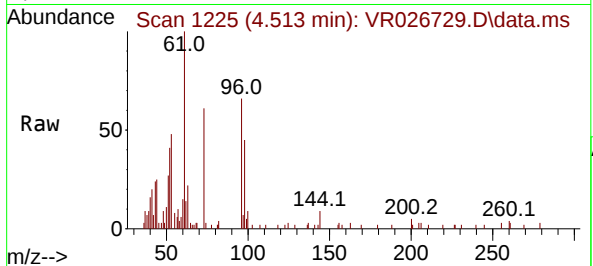




#21
trans-1,2-Dichloroethene
Concen: 1.832 ug/l
RT: 4.513 min Scan# 1518
Delta R.T. -0.029 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

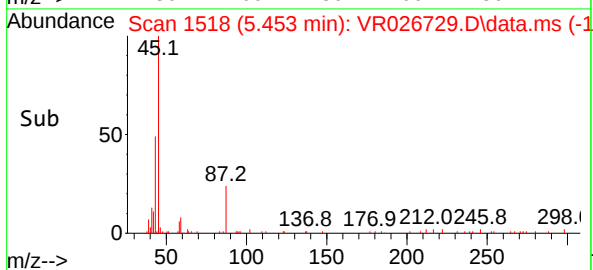
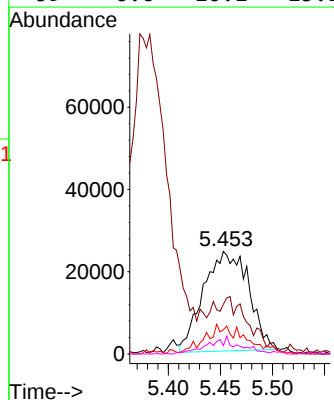
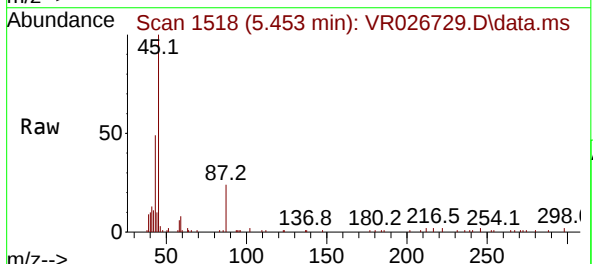
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

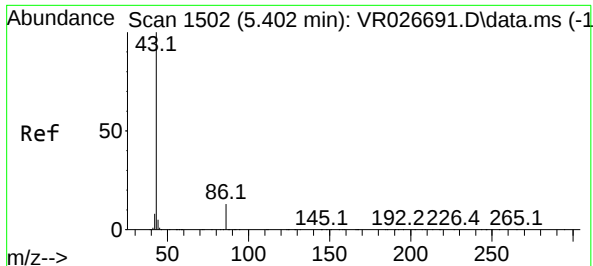
Tgt Ion: 96 Resp: 7372
Ion Ratio Lower Upper
96 100
61 149.2 110.3 165.5
98 68.0 50.2 75.4



#22
Diisopropyl ether
Concen: 4.327 ug/l
RT: 5.453 min Scan# 1518
Delta R.T. -0.023 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 45 Resp: 73043
Ion Ratio Lower Upper
45 100
43 48.7 38.2 57.2
87 23.8 24.0 36.0#
59 6.6 10.1 15.1#

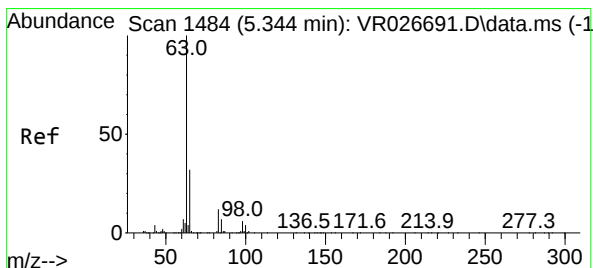
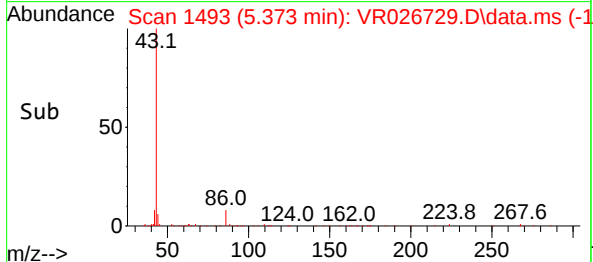
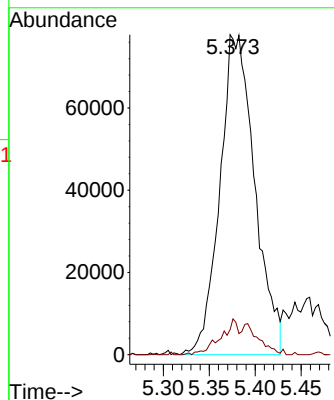
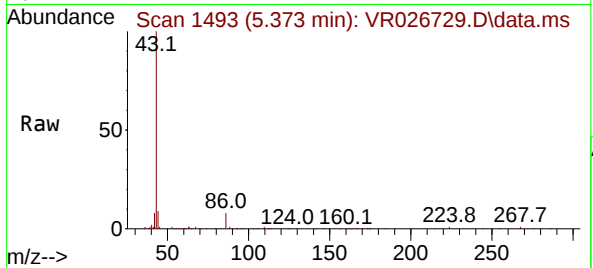




#23
 Vinyl Acetate
 Concen: 21.355 ug/l
 RT: 5.373 min Scan# 1477
 Delta R.T. -0.029 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

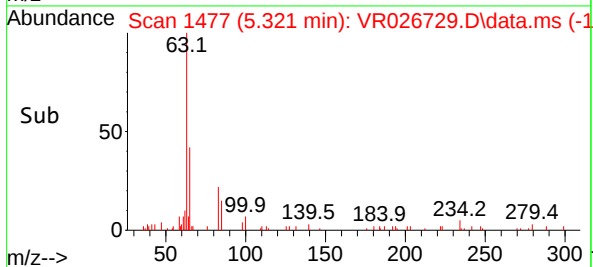
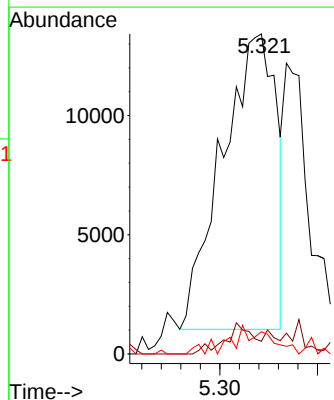
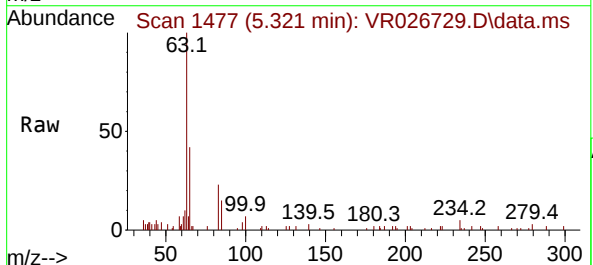
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT2-2025

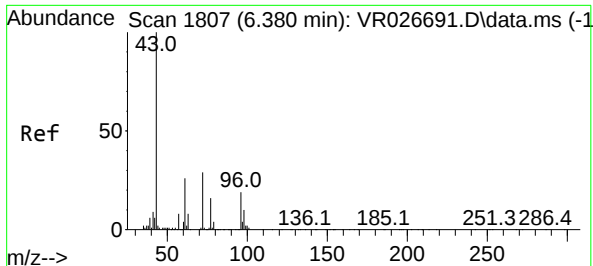
Tgt Ion: 43 Resp: 205526
 Ion Ratio Lower Upper
 43 100
 86 7.9 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 2.773 ug/l
 RT: 5.321 min Scan# 1477
 Delta R.T. -0.023 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

Tgt Ion: 63 Resp: 23704
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.9 8.8
 100 7.5 1.8 5.4#





#25

2-Butanone

Concen: 25.347 ug/l

RT: 6.367 min Scan# 1794

Delta R.T. -0.013 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

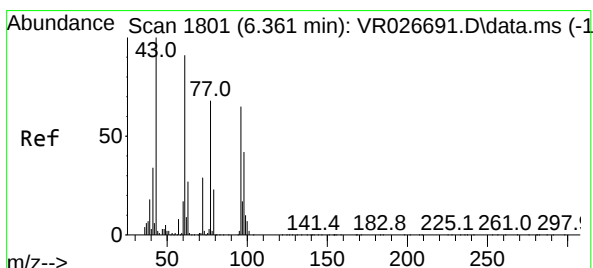
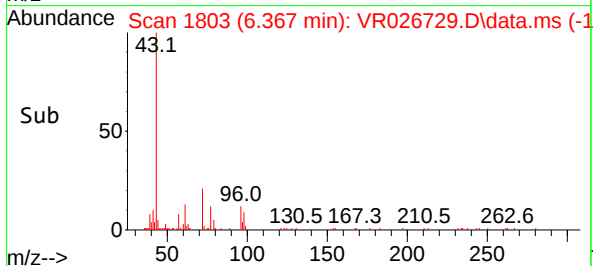
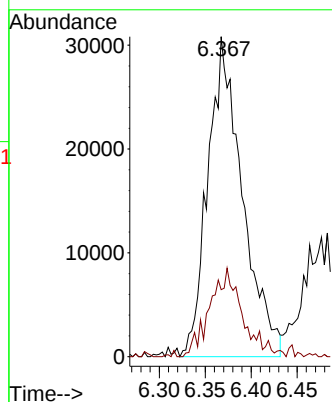
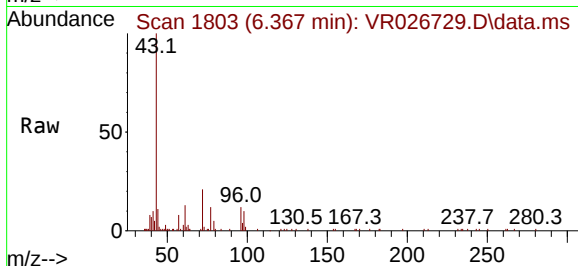
LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 80214

Ion Ratio Lower Upper

43 100

72 20.9 23.1 34.7#



#26

2,2-Dichloropropane

Concen: 2.103 ug/l

RT: 6.338 min Scan# 1794

Delta R.T. -0.023 min

Lab File: VR026729.D

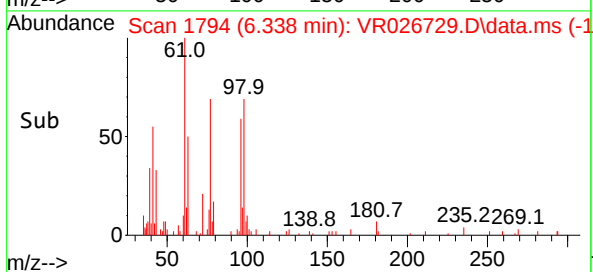
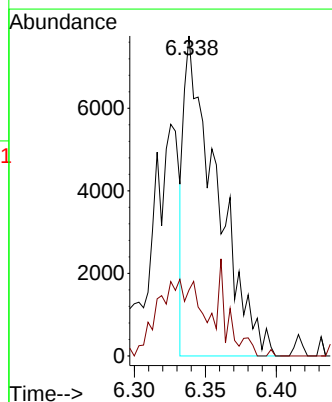
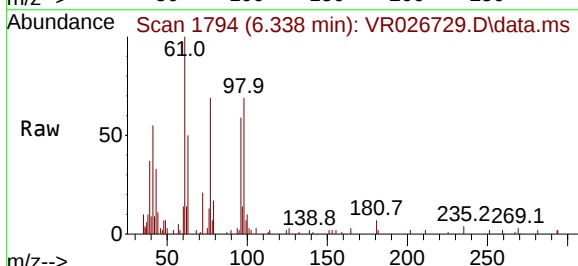
Acq: 7 Aug 2025 16:08

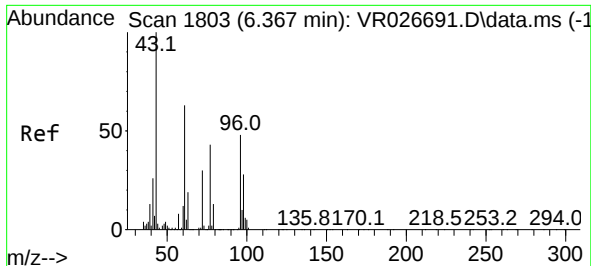
Tgt Ion: 77 Resp: 12427

Ion Ratio Lower Upper

77 100

97 19.6 12.3 36.8

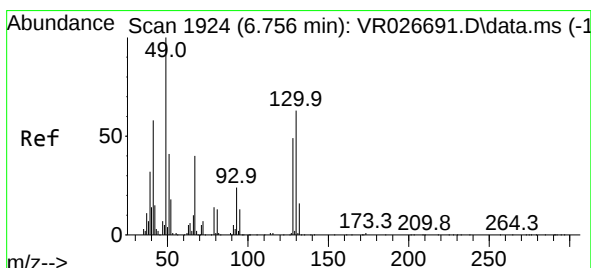
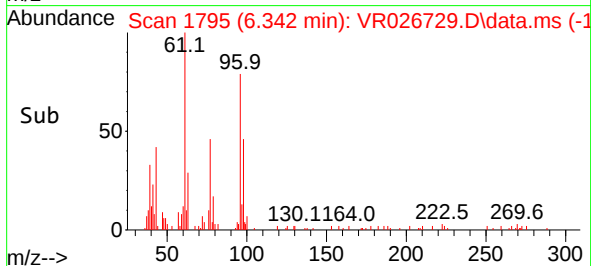
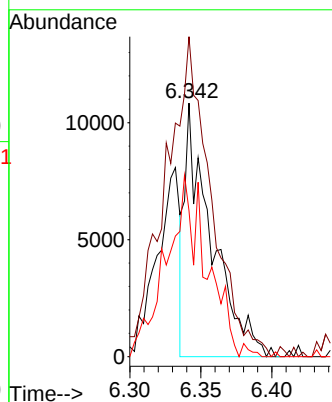
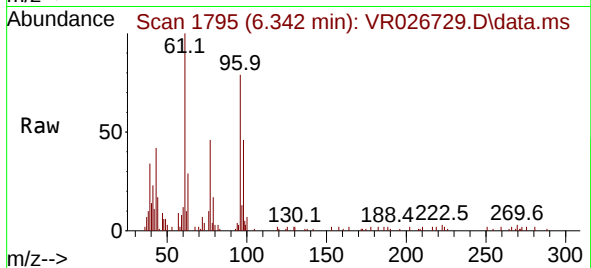




#27
 cis-1,2-Dichloroethene
 Concen: 2.721 ug/l
 RT: 6.342 min Scan# 11
 Delta R.T. -0.026 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

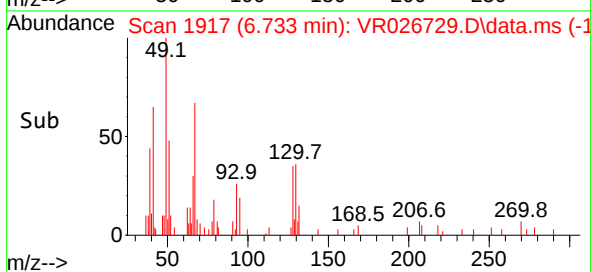
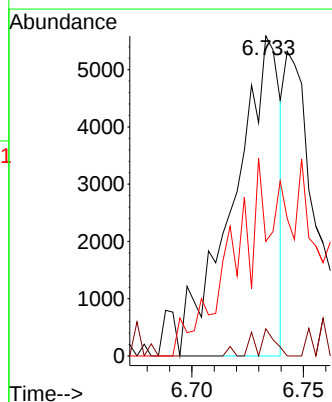
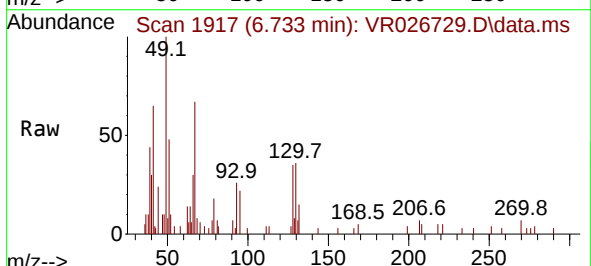
Instrument :
 MSVOA_R
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

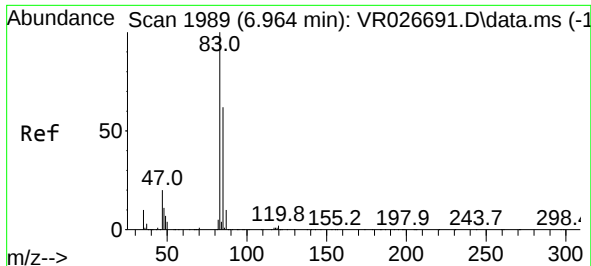
Tgt Ion: 96 Resp: 14088
 Ion Ratio Lower Upper
 96 100
 61 218.9 0.0 279.8
 98 68.6 0.0 125.2



#28
 Bromochloromethane
 Concen: 2.601 ug/l
 RT: 6.733 min Scan# 1917
 Delta R.T. -0.023 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

Tgt Ion: 49 Resp: 8012
 Ion Ratio Lower Upper
 49 100
 129 3.6 0.0 3.4#
 130 11.0 52.2 78.4#





#29

Chloroform

Concen: 4.877 ug/l

RT: 6.945 min Scan# 1983

Delta R.T. -0.019 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

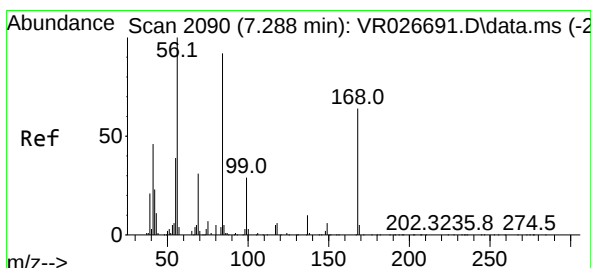
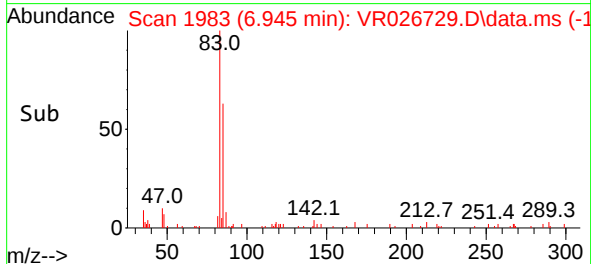
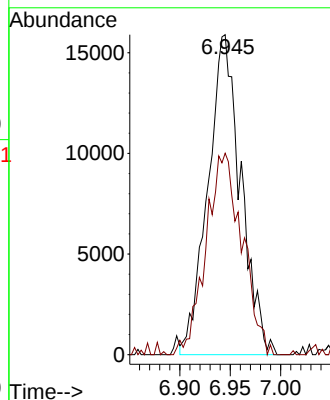
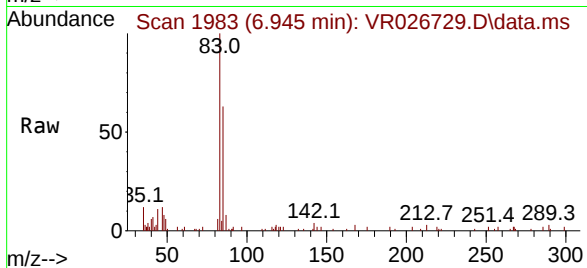
LOQ-WATER-02-QT2-2025

Tgt Ion: 83 Resp: 36114

Ion Ratio Lower Upper

83 100

85 62.9 49.6 74.4



#30

Cyclohexane

Concen: 2.442 ug/l

RT: 7.259 min Scan# 2081

Delta R.T. -0.029 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

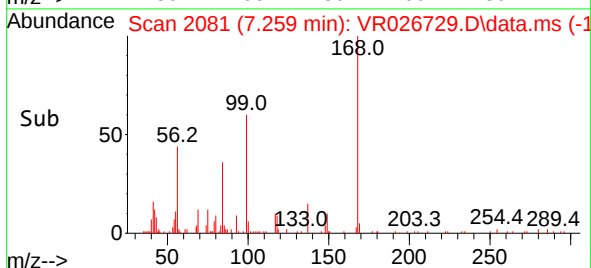
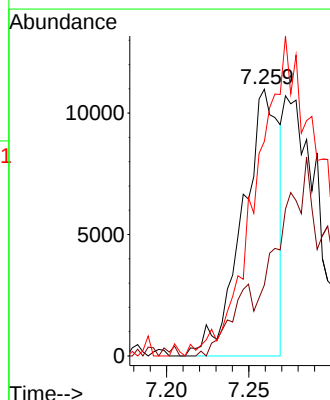
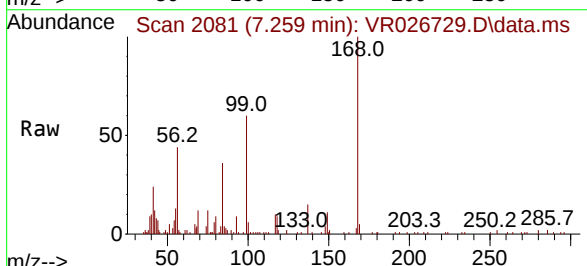
Tgt Ion: 56 Resp: 16858

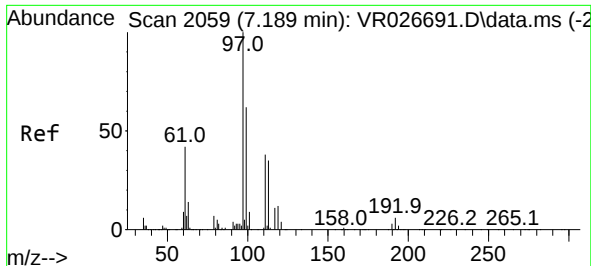
Ion Ratio Lower Upper

56 100

69 26.6 24.8 37.2

84 78.9 73.1 109.7

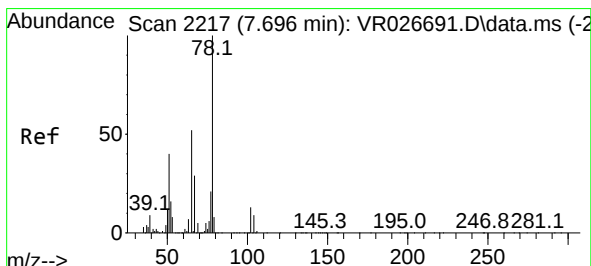
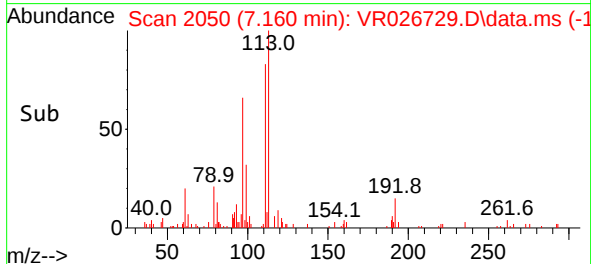
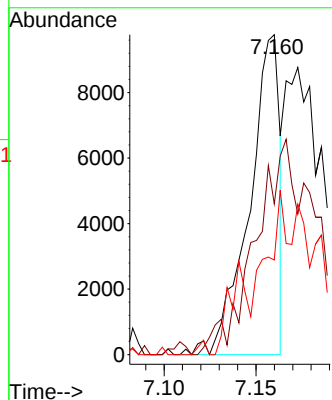
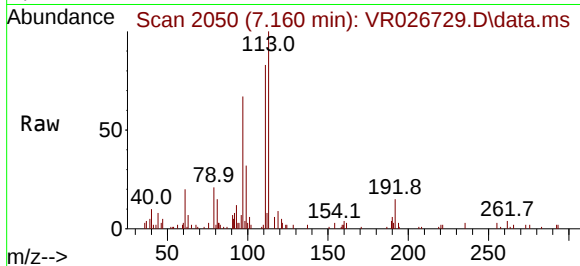




#31
1,1,1-Trichloroethane
Concen: 2.093 ug/l
RT: 7.160 min Scan# 2050
Delta R.T. -0.029 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

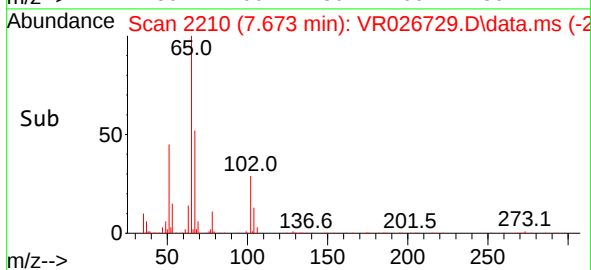
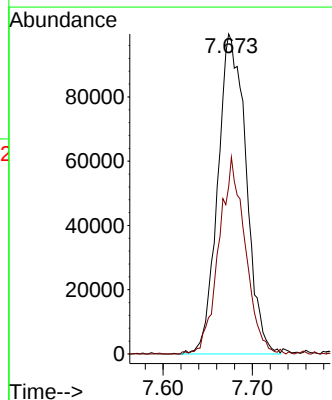
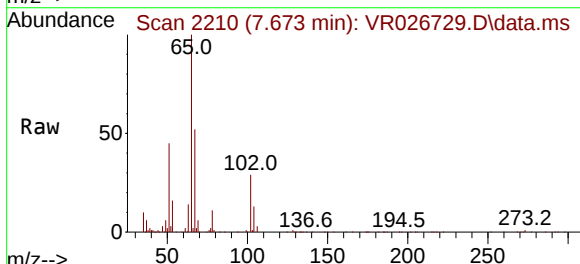
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

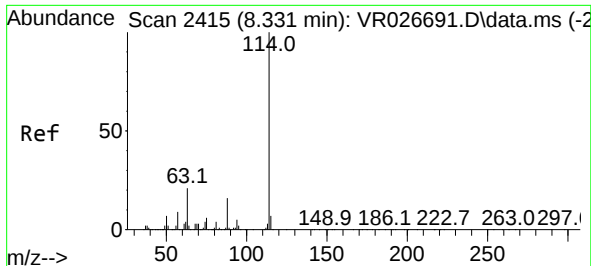
Tgt Ion: 97 Resp: 11194
Ion Ratio Lower Upper
97 100
99 77.0 51.0 76.6#
61 25.8 36.3 54.5#



#32
1,2-Dichloroethane-d4
Concen: 50.370 ug/l
RT: 7.673 min Scan# 2210
Delta R.T. -0.023 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 65 Resp: 219427
Ion Ratio Lower Upper
65 100
67 56.3 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.318 min Scan# 2415

Delta R.T. -0.013 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT2-2025

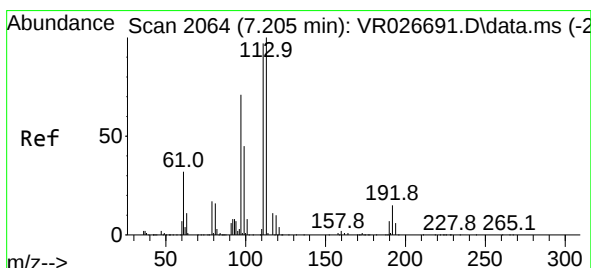
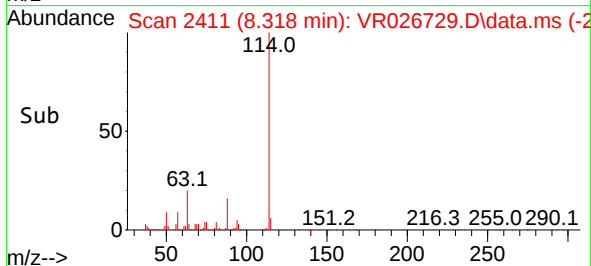
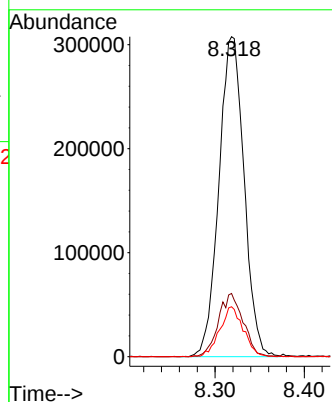
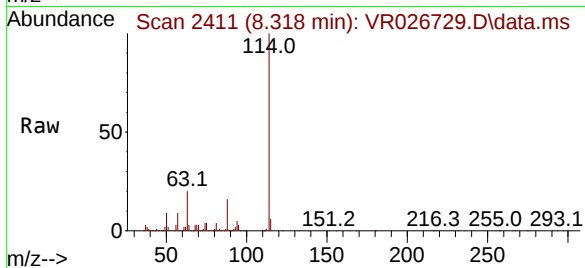
Tgt Ion:114 Resp: 602481

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.6 0.0 32.6



#34

Dibromofluoromethane

Concen: 49.855 ug/l

RT: 7.189 min Scan# 2059

Delta R.T. -0.016 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

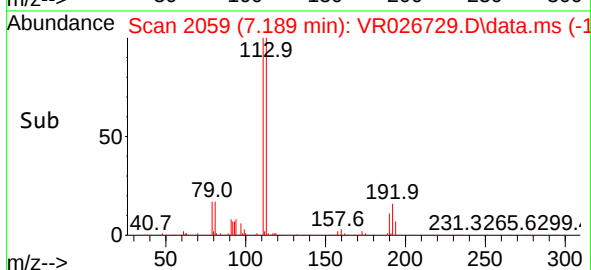
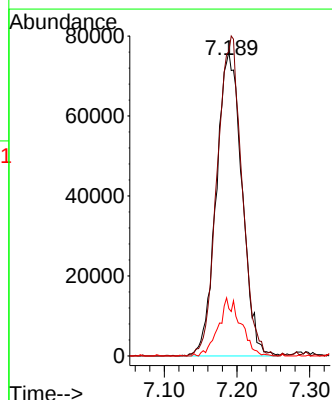
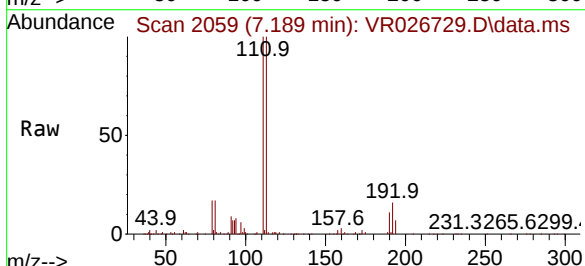
Tgt Ion:113 Resp: 185781

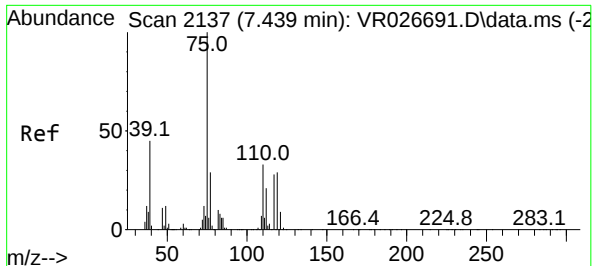
Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

192 16.6 12.3 18.5





#35

1,1-Dichloropropene

Concen: 3.517 ug/l

RT: 7.417 min Scan# 2137

Delta R.T. -0.023 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT2-2025

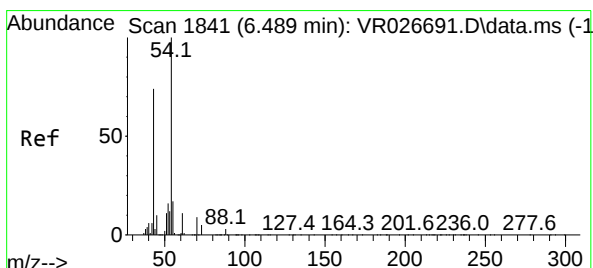
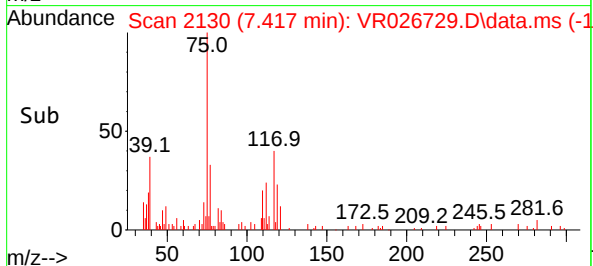
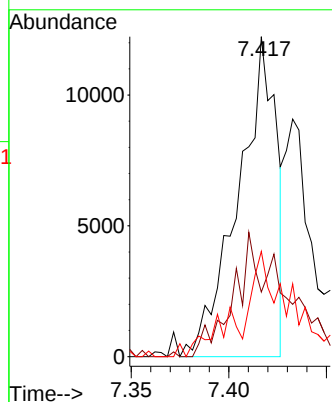
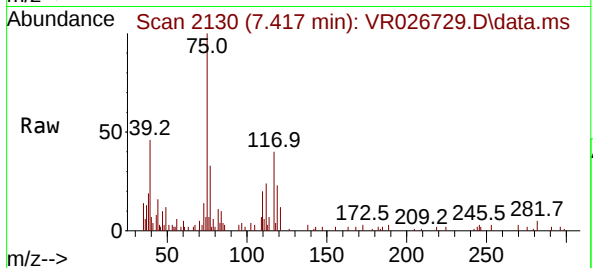
Tgt Ion: 75 Resp: 16535

Ion Ratio Lower Upper

75 100

110 26.0 17.0 50.9

77 12.1 24.6 37.0#



#36

Ethyl Acetate

Concen: 4.494 ug/l

RT: 6.483 min Scan# 1839

Delta R.T. -0.007 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

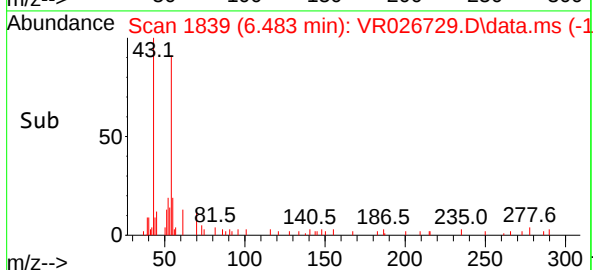
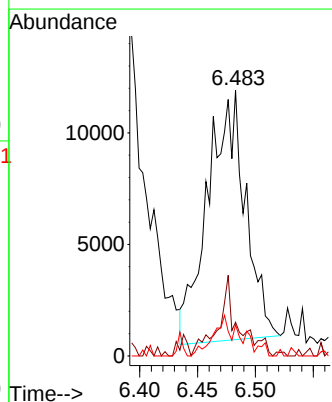
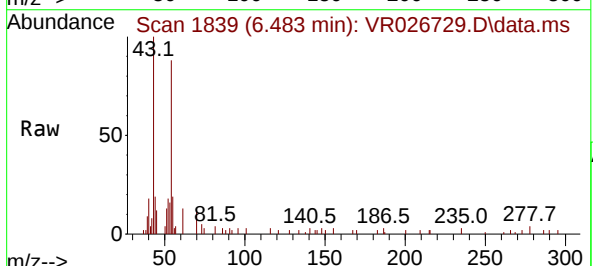
Tgt Ion: 43 Resp: 25294

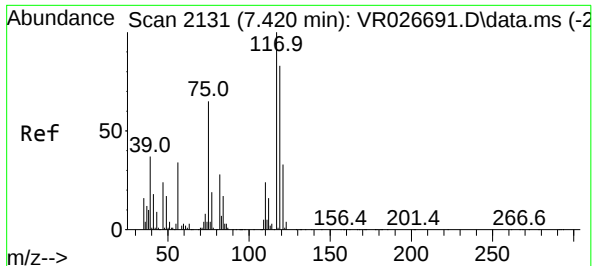
Ion Ratio Lower Upper

43 100

61 13.3 12.0 18.0

70 6.9 9.0 13.6#

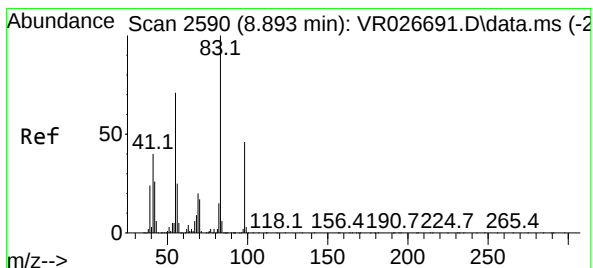
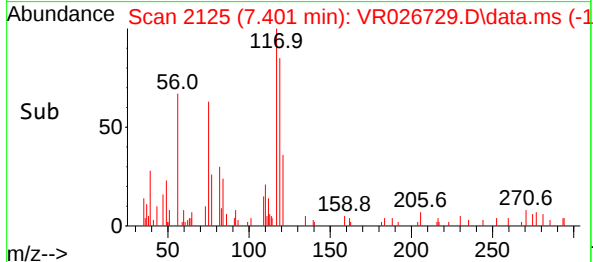
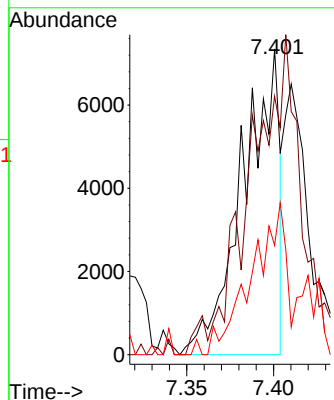
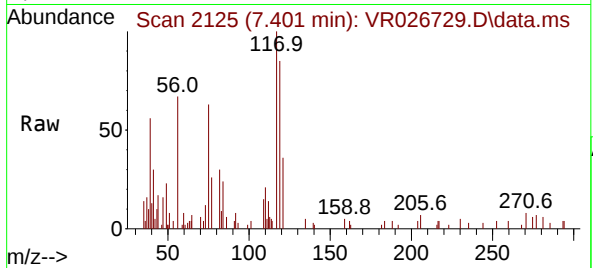




#37
Carbon Tetrachloride
Concen: 2.783 ug/l
RT: 7.401 min Scan# 2131
Delta R.T. -0.019 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

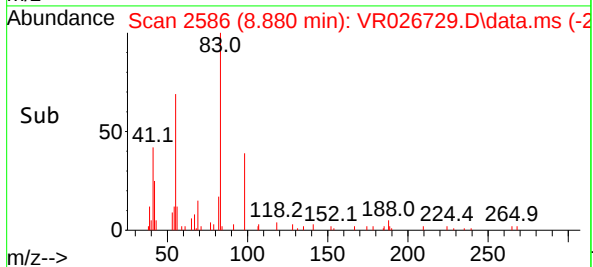
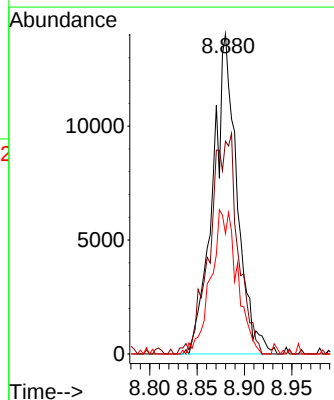
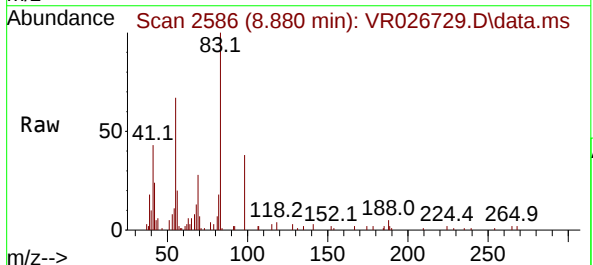
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

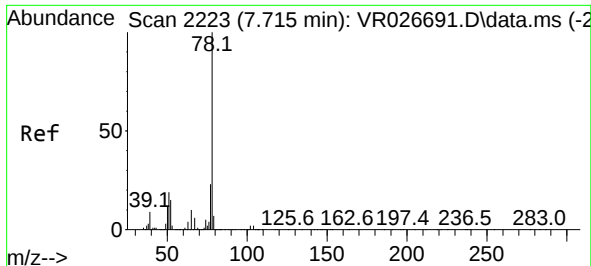
Tgt Ion:	117	Resp:	10655
Ion	Ratio	Lower	Upper
117	100		
119	84.6	67.0	100.4
121	35.7	26.3	39.5



#38
Methylcyclohexane
Concen: 4.659 ug/l
RT: 8.880 min Scan# 2586
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:	83	Resp:	25073
Ion	Ratio	Lower	Upper
83	100		
55	66.5	56.7	85.1
98	37.6	36.7	55.1





#39

Benzene

Concen: 5.221 ug/l

RT: 7.693 min Scan# 2116

Delta R.T. -0.023 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

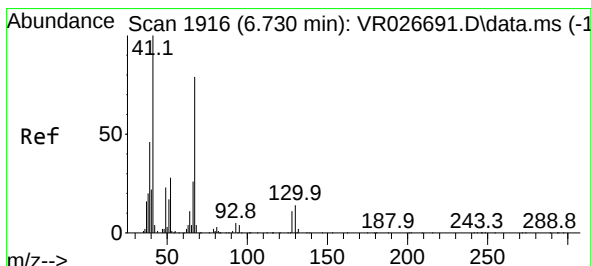
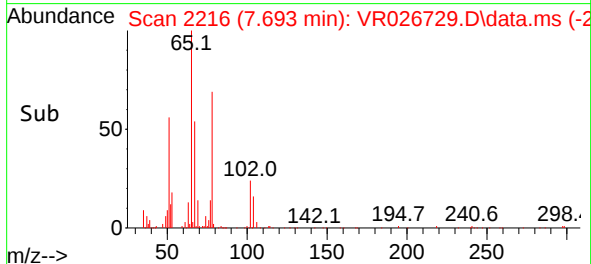
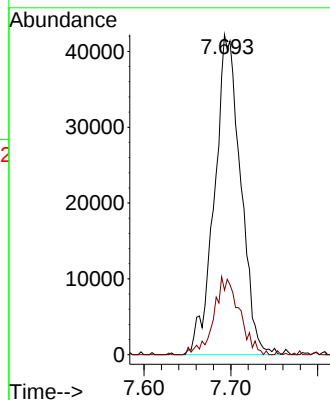
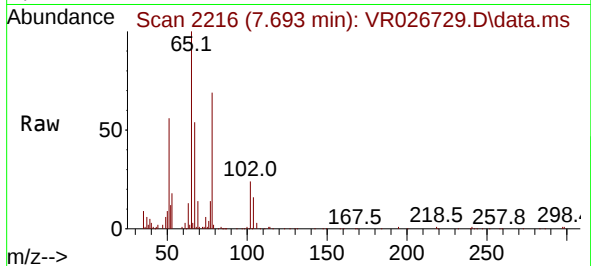
LOQ-WATER-02-QT2-2025

Tgt Ion: 78 Resp: 88389

Ion Ratio Lower Upper

78 100

77 20.2 18.8 28.2



#40

Methacrylonitrile

Concen: 1.898 ug/l

RT: 6.717 min Scan# 1912

Delta R.T. -0.013 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Tgt Ion: 41 Resp: 6640

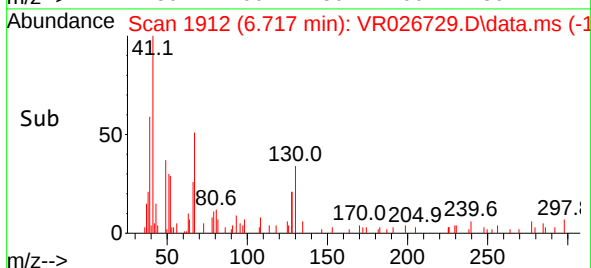
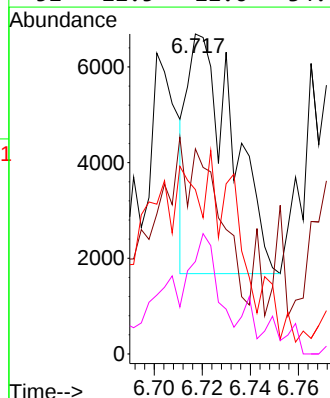
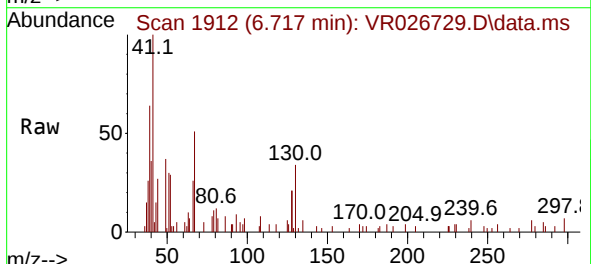
Ion Ratio Lower Upper

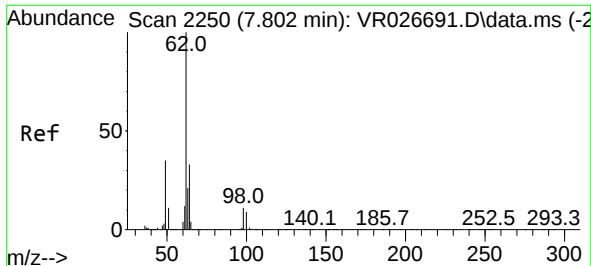
41 100

39 77.7 42.4 63.6#

67 11.0 65.6 98.4#

52 22.5 22.6 34.0#





#41

1,2-Dichloroethane

Concen: 5.604 ug/l

RT: 7.789 min Scan# 21

Delta R.T. -0.013 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

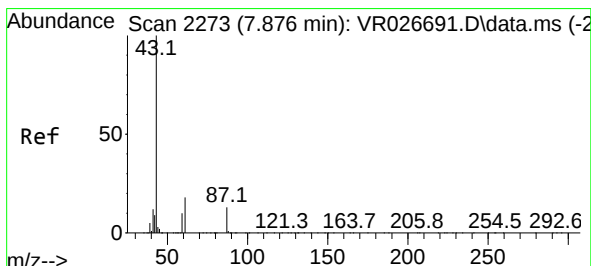
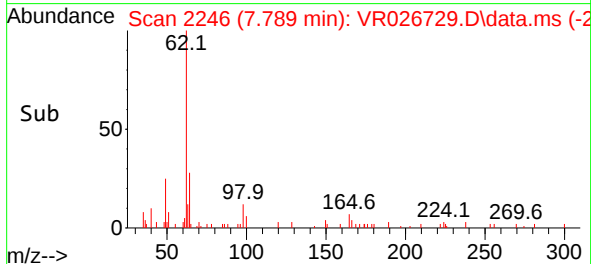
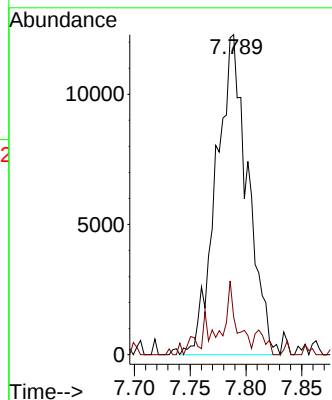
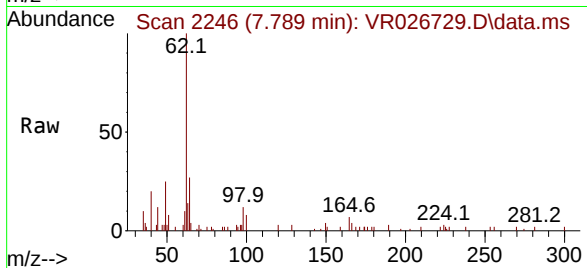
LOQ-WATER-02-QT2-2025

Tgt Ion: 62 Resp: 24130

Ion Ratio Lower Upper

62 100

98 7.3 0.0 22.2



#42

Isopropyl Acetate

Concen: 4.370 ug/l

RT: 7.859 min Scan# 2268

Delta R.T. -0.016 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

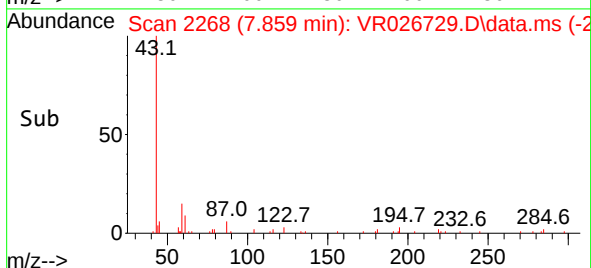
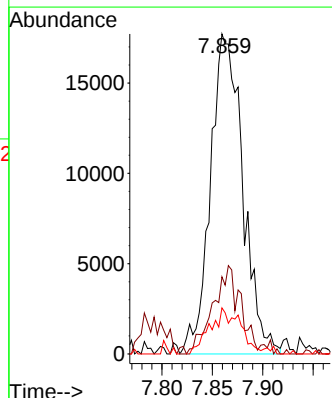
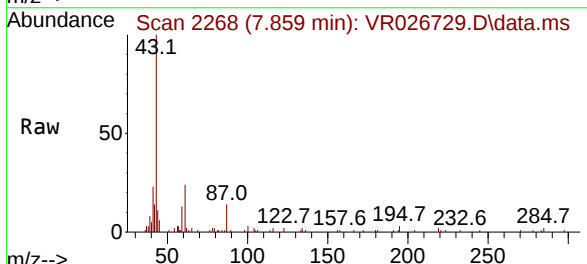
Tgt Ion: 43 Resp: 39543

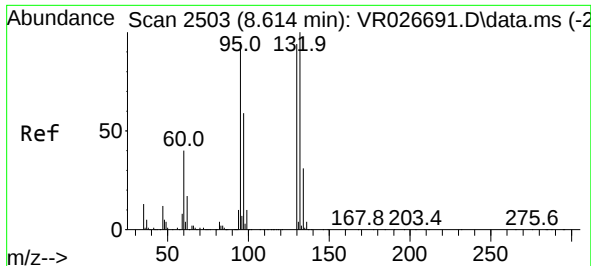
Ion Ratio Lower Upper

43 100

61 23.4 17.9 26.9

87 8.0 10.8 16.2#





#43

Trichloroethene

Concen: 2.190 ug/l

RT: 8.591 min Scan# 2496

Delta R.T. -0.023 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

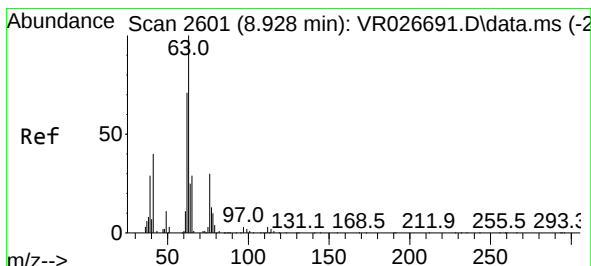
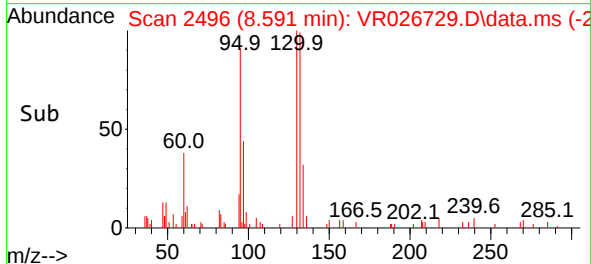
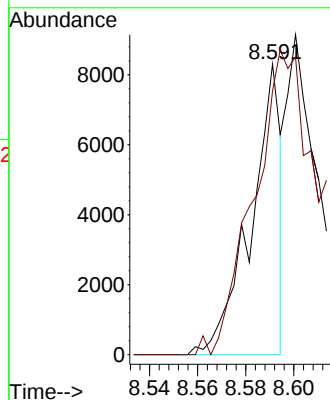
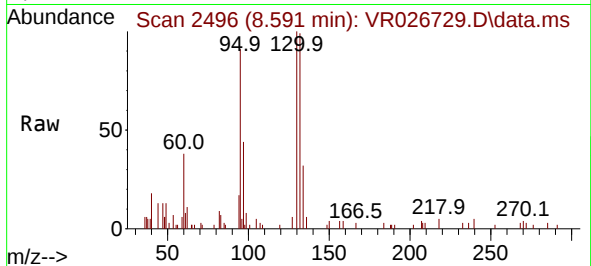
LOQ-WATER-02-QT2-2025

Tgt Ion:130 Resp: 7129

Ion Ratio Lower Upper

130 100

95 90.8 0.0 200.6



#44

1,2-Dichloropropane

Concen: 4.579 ug/l

RT: 8.909 min Scan# 2595

Delta R.T. -0.019 min

Lab File: VR026729.D

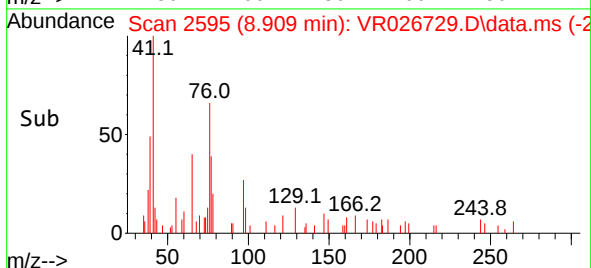
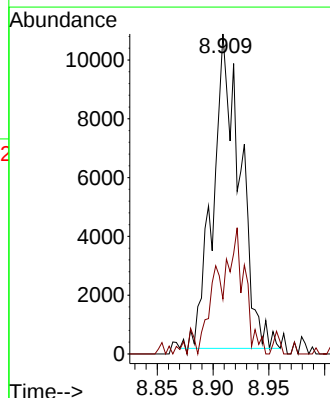
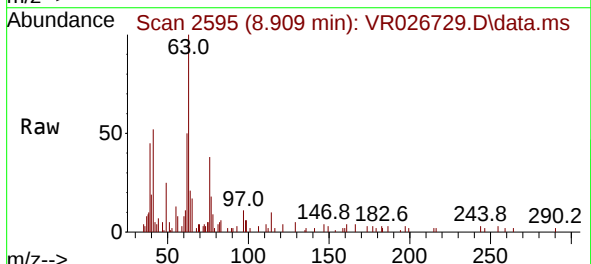
Acq: 7 Aug 2025 16:08

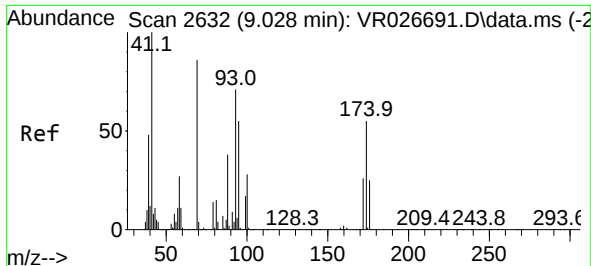
Tgt Ion: 63 Resp: 18346

Ion Ratio Lower Upper

63 100

65 16.0 23.8 35.8#

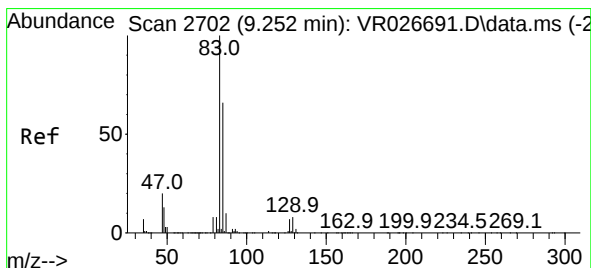
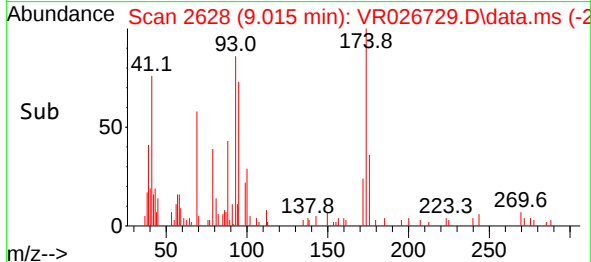
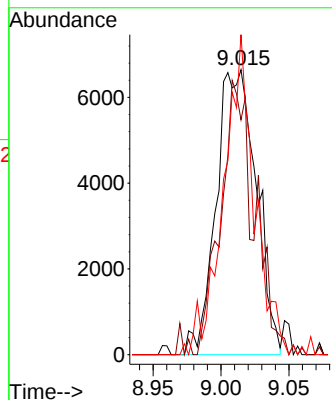
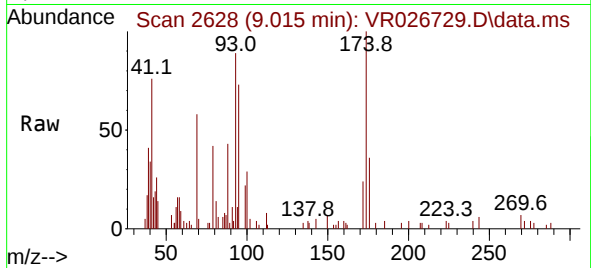




#45
Dibromomethane
Concen: 6.128 ug/l
RT: 9.015 min Scan# 2628
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

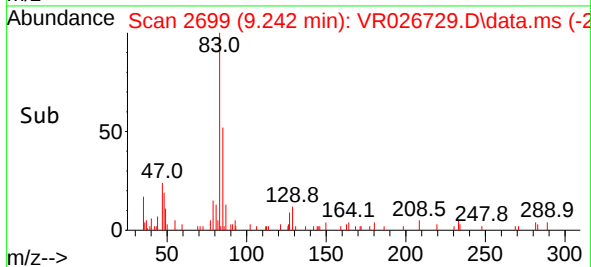
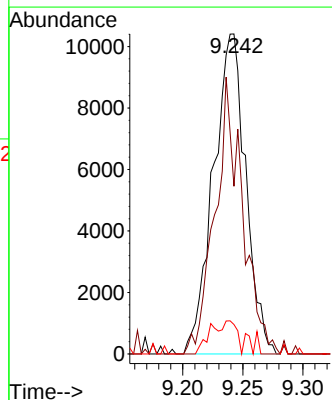
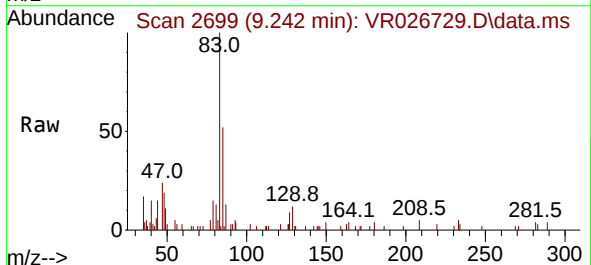
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

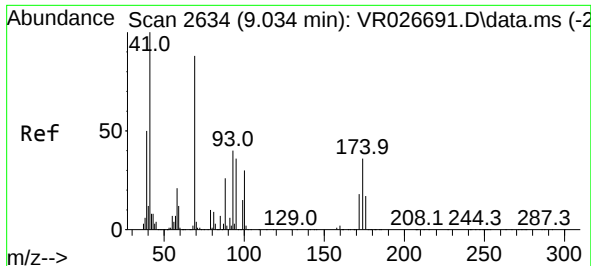
Tgt Ion: 93 Resp: 13654
Ion Ratio Lower Upper
93 100
95 66.2 69.4 104.0#
174 86.6 66.9 100.3



#46
Bromodichloromethane
Concen: 4.519 ug/l
RT: 9.242 min Scan# 2699
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 83 Resp: 19510
Ion Ratio Lower Upper
83 100
85 52.4 52.6 78.8#
127 9.2 5.5 8.3#

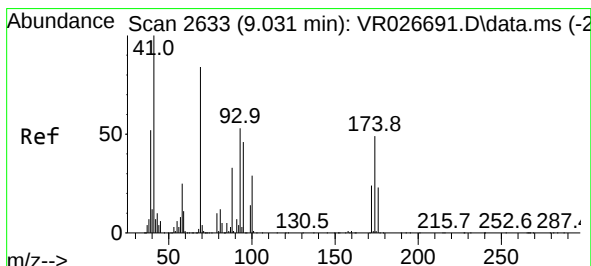
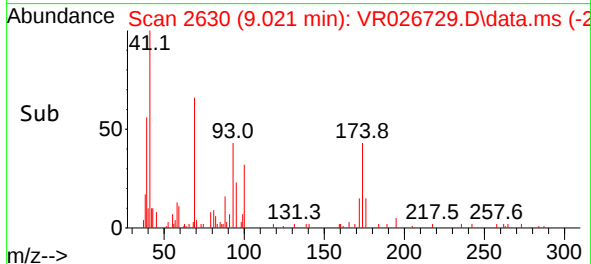
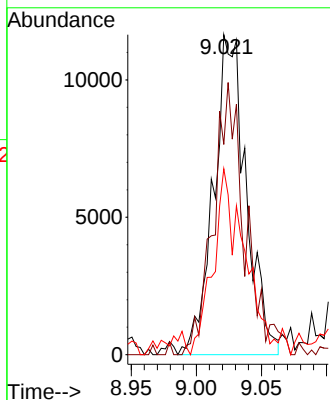
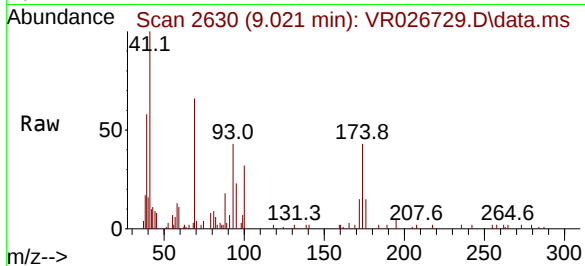




#47
Methyl methacrylate
Concen: 5.090 ug/l
RT: 9.021 min Scan# 2630
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

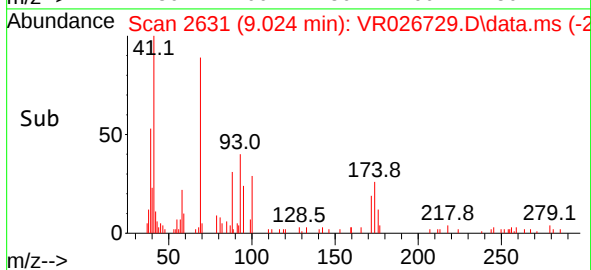
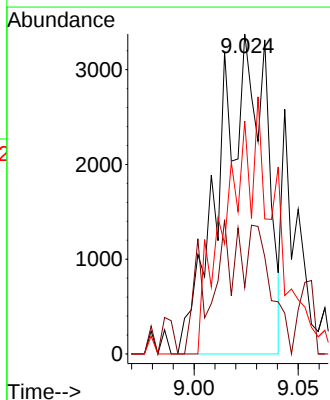
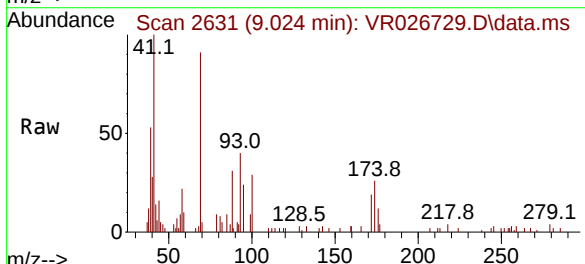
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

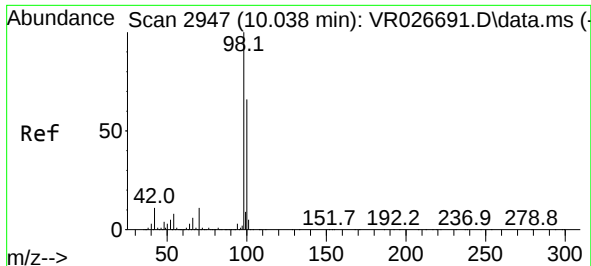
Tgt Ion: 41 Resp: 20158
Ion Ratio Lower Upper
41 100
69 79.7 69.8 104.6
39 31.9 39.4 59.2#



#48
1,4-Dioxane
Concen: 81.976 ug/l
RT: 9.024 min Scan# 2631
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 88 Resp: 5230
Ion Ratio Lower Upper
88 100
43 19.4 25.2 37.8#
58 43.9 60.8 91.2#





#49

Toluene-d8

Concen: 56.602 ug/l

RT: 10.025 min Scan# 2943

Delta R.T. -0.013 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

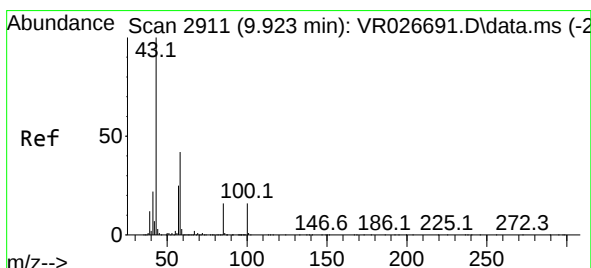
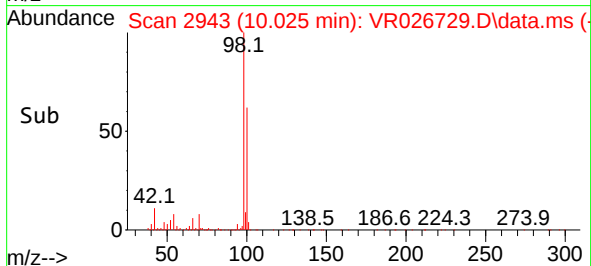
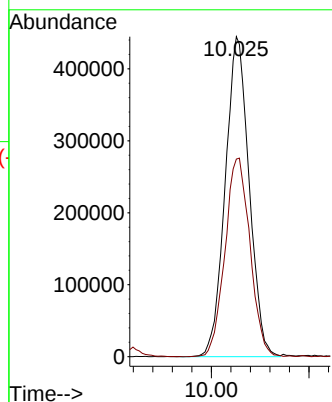
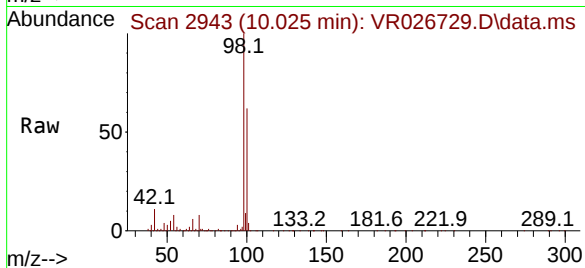
LOQ-WATER-02-QT2-2025

Tgt Ion: 98 Resp: 755660

Ion Ratio Lower Upper

98 100

100 65.0 53.9 80.9



#50

4-Methyl-2-Pentanone

Concen: 27.088 ug/l

RT: 9.916 min Scan# 2909

Delta R.T. -0.007 min

Lab File: VR026729.D

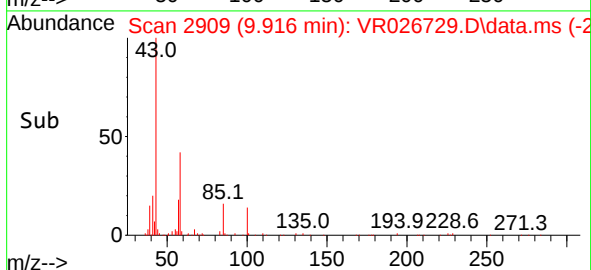
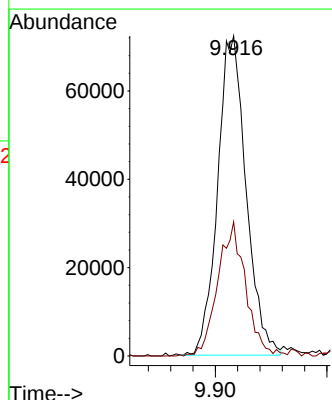
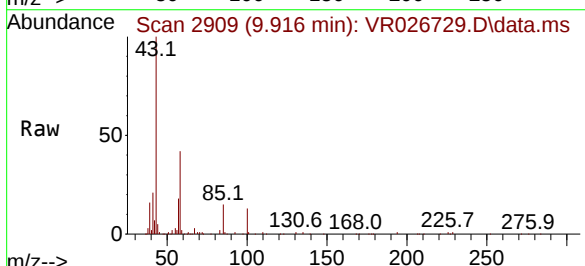
Acq: 7 Aug 2025 16:08

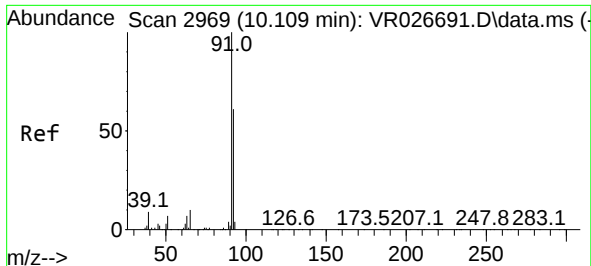
Tgt Ion: 43 Resp: 127978

Ion Ratio Lower Upper

43 100

58 40.5 33.7 50.5

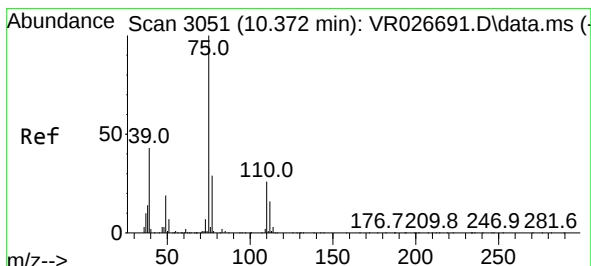
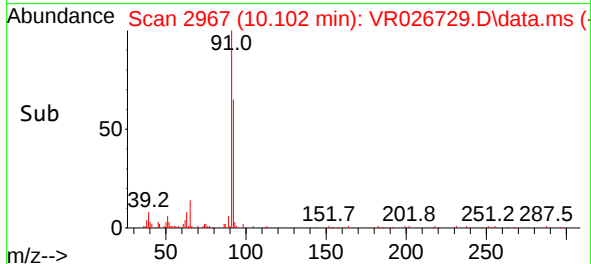
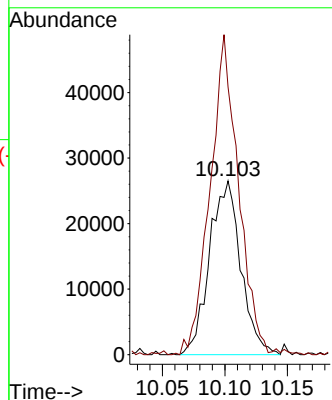
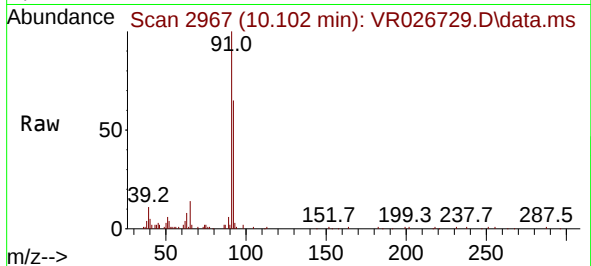




#51
Toluene
Concen: 5.359 ug/l
RT: 10.102 min Scan# 2969
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

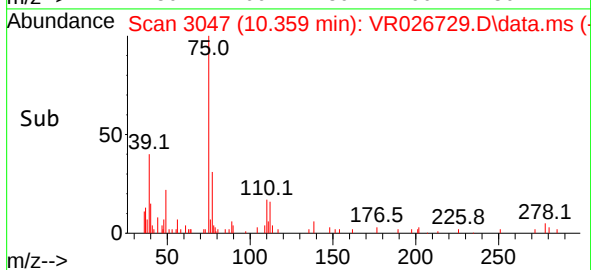
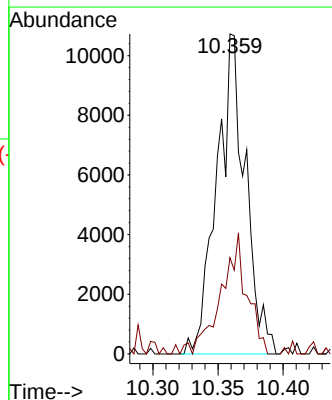
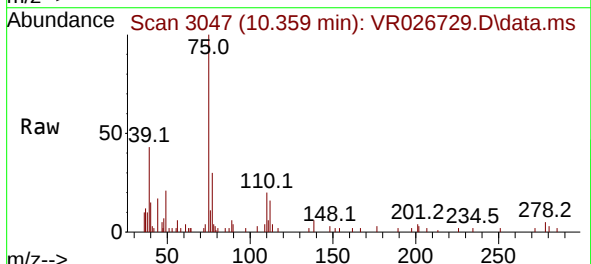
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

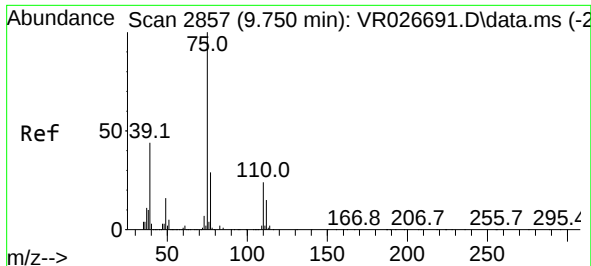
Tgt Ion: 92 Resp: 46315
Ion Ratio Lower Upper
92 100
91 166.5 137.8 206.6



#52
t-1,3-Dichloropropene
Concen: 3.859 ug/l
RT: 10.359 min Scan# 3047
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 75 Resp: 16330
Ion Ratio Lower Upper
75 100
77 30.1 23.4 35.2

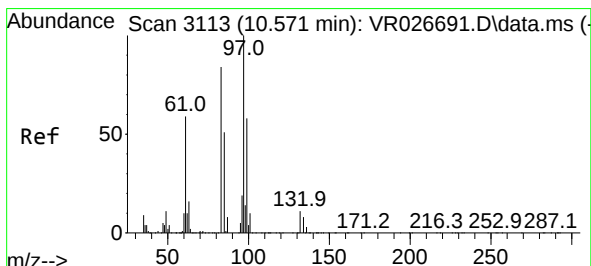
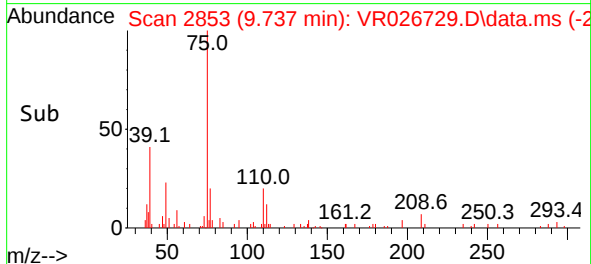
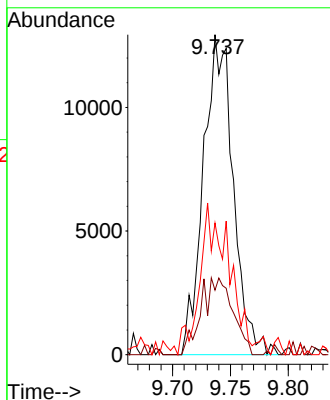
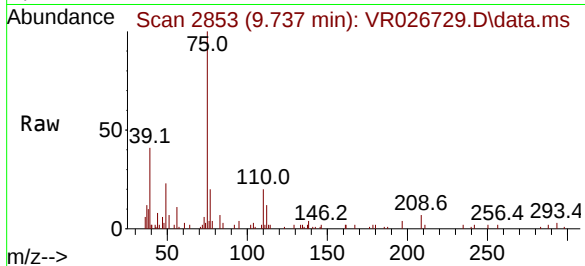




#53
cis-1,3-Dichloropropene
Concen: 4.572 ug/l
RT: 9.737 min Scan# 21
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

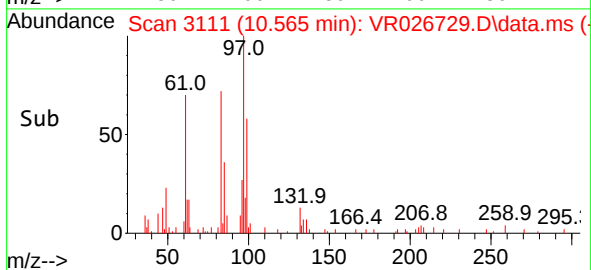
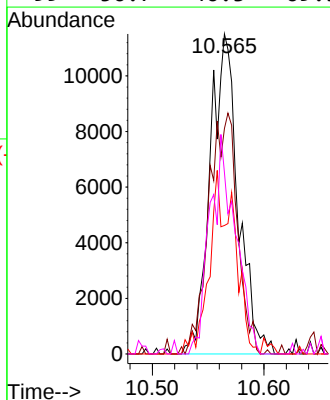
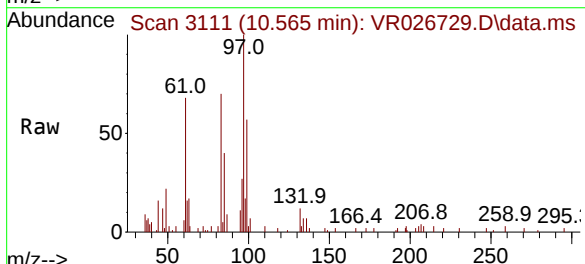
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

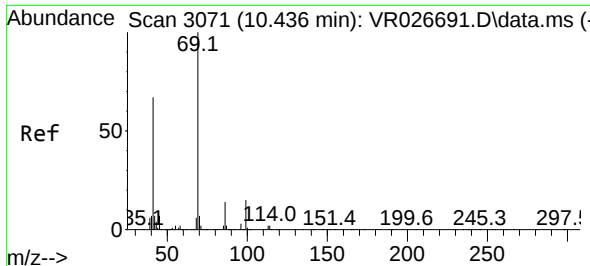
Tgt Ion: 75 Resp: 23203
Ion Ratio Lower Upper
75 100
77 18.8 22.9 34.3#
39 41.1 34.8 52.2



#54
1,1,2-Trichloroethane
Concen: 6.349 ug/l
RT: 10.565 min Scan# 3111
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 97 Resp: 20039
Ion Ratio Lower Upper
97 100
83 70.4 67.4 101.2
85 40.2 40.4 60.6#
99 56.7 46.3 69.5

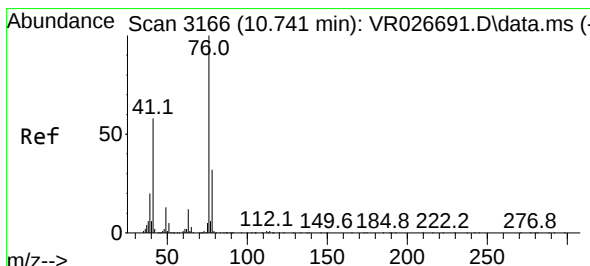
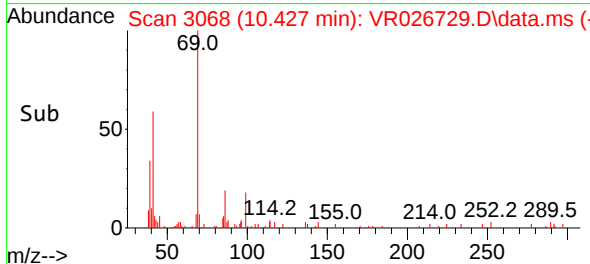
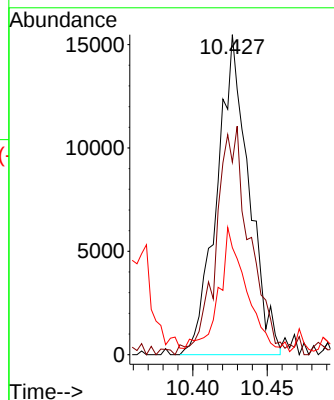
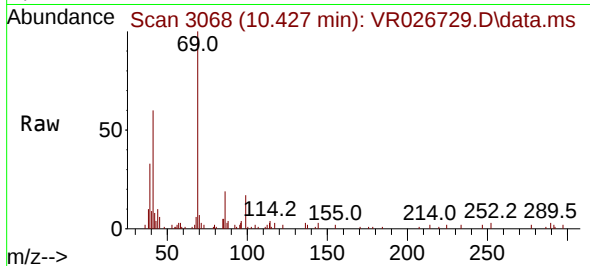




#55
Ethyl methacrylate
Concen: 4.459 ug/l
RT: 10.427 min Scan# 3071
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

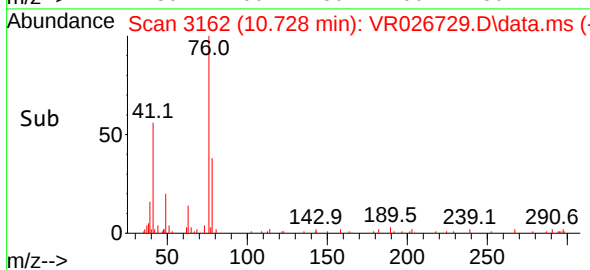
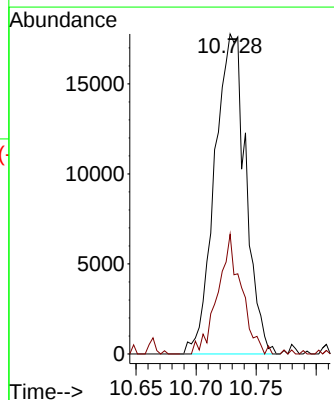
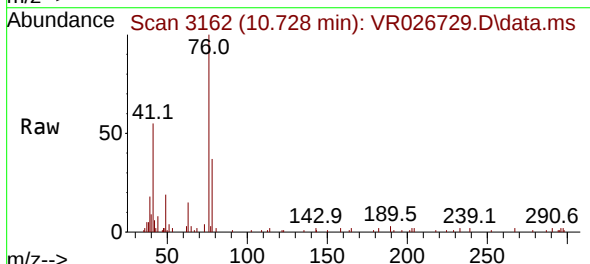
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

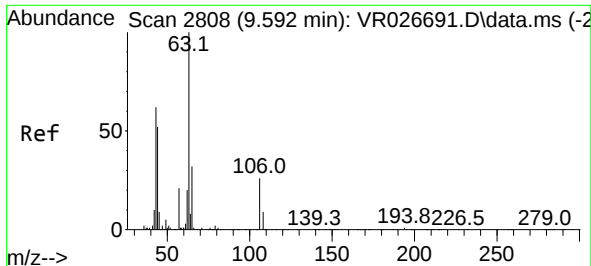
Tgt Ion:	69	Resp:	23241
Ion Ratio	Lower	Upper	
69	100		
41	74.7	51.5	77.3
39	33.5	24.7	37.1



#56
1,3-Dichloropropane
Concen: 5.942 ug/l
RT: 10.728 min Scan# 3162
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:	76	Resp:	31944
Ion Ratio	Lower	Upper	
76	100		
78	28.5	25.8	38.6





#57

2-Chloroethyl Vinyl ether

Concen: 25.157 ug/l

RT: 9.583 min Scan# 21

Delta R.T. -0.010 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

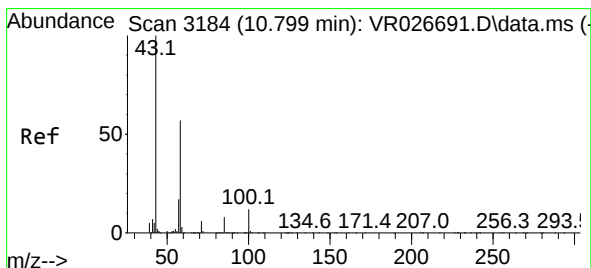
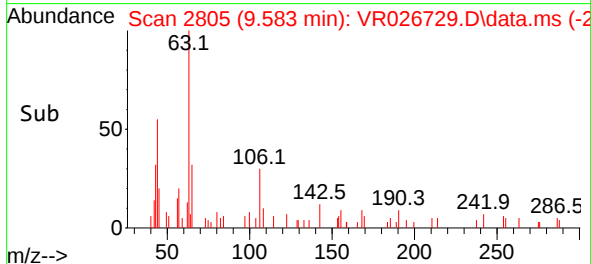
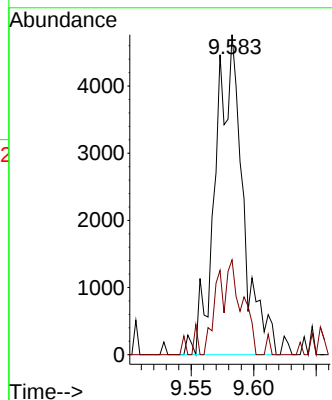
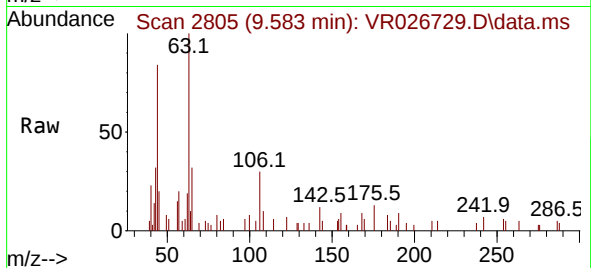
LOQ-WATER-02-QT2-2025

Tgt Ion: 63 Resp: 7246

Ion Ratio Lower Upper

63 100

106 16.6 22.5 33.7#



#58

2-Hexanone

Concen: 26.158 ug/l

RT: 10.789 min Scan# 3181

Delta R.T. -0.010 min

Lab File: VR026729.D

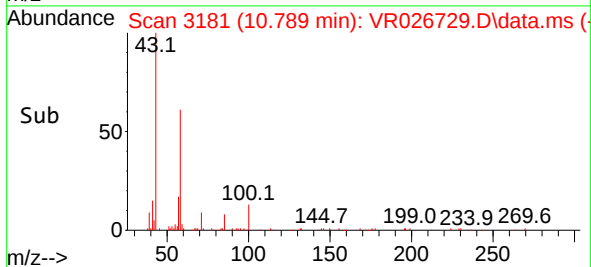
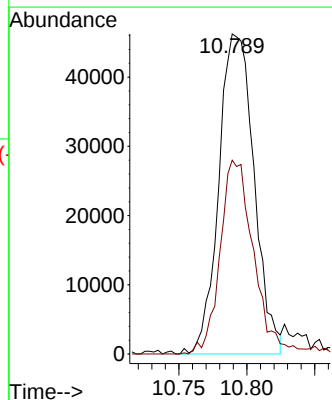
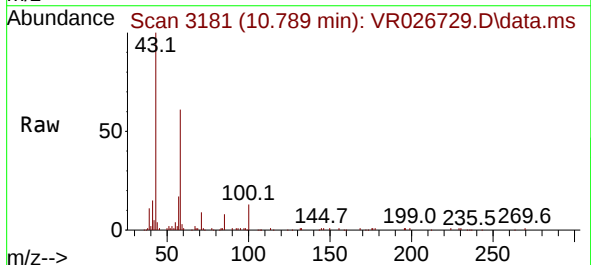
Acq: 7 Aug 2025 16:08

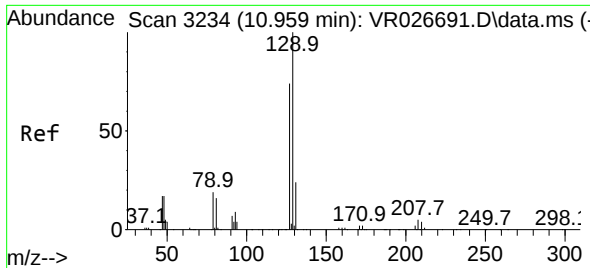
Tgt Ion: 43 Resp: 83313

Ion Ratio Lower Upper

43 100

58 57.4 28.8 86.4

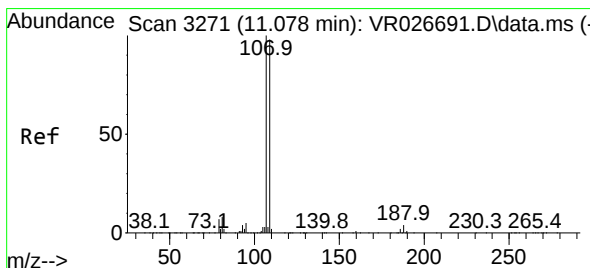
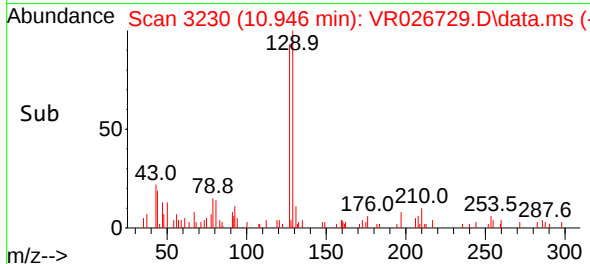
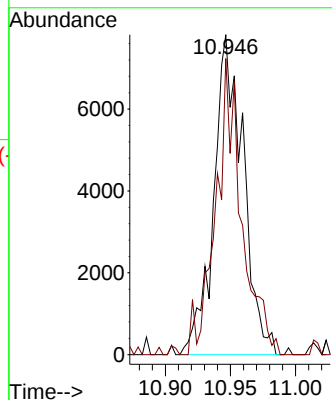
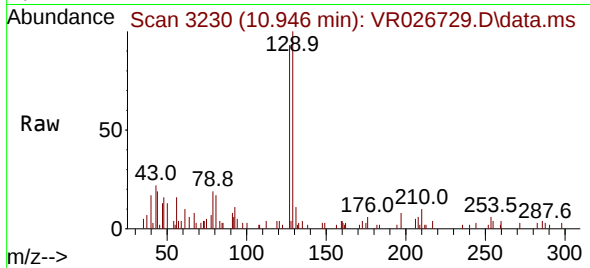




#59
Dibromochloromethane
Concen: 4.594 ug/l
RT: 10.946 min Scan# 31
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

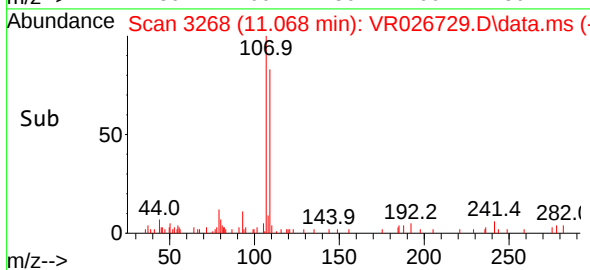
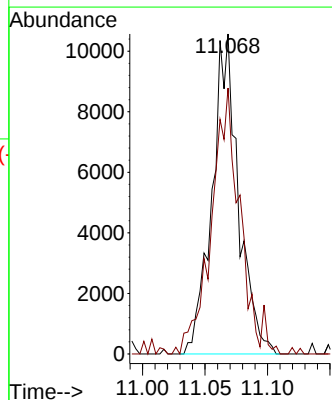
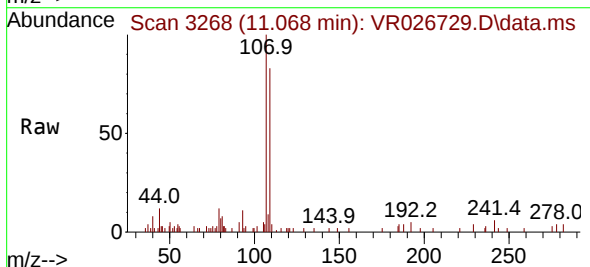
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

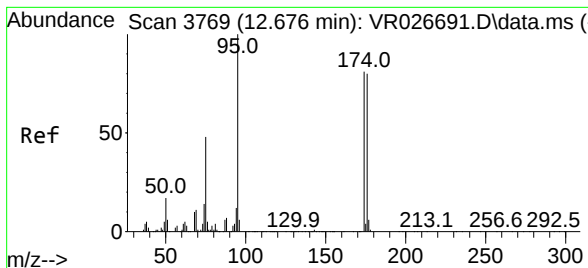
Tgt Ion:129 Resp: 12272
Ion Ratio Lower Upper
129 100
127 81.3 38.9 116.6



#60
1,2-Dibromoethane
Concen: 5.723 ug/l
RT: 11.068 min Scan# 3268
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:107 Resp: 15545
Ion Ratio Lower Upper
107 100
109 86.9 75.9 113.9

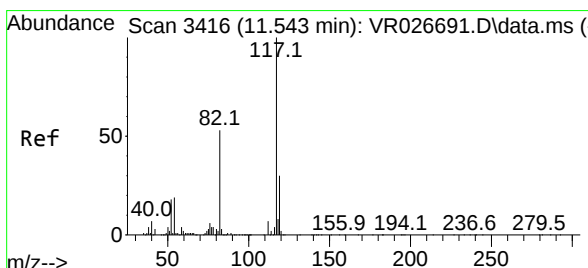
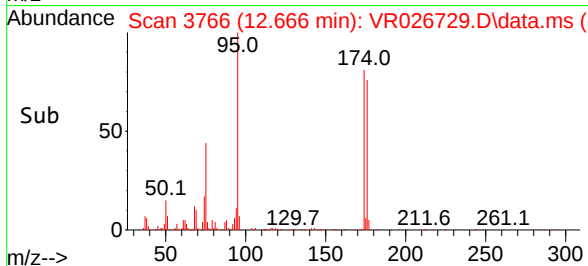
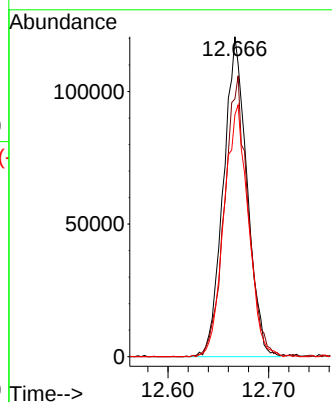
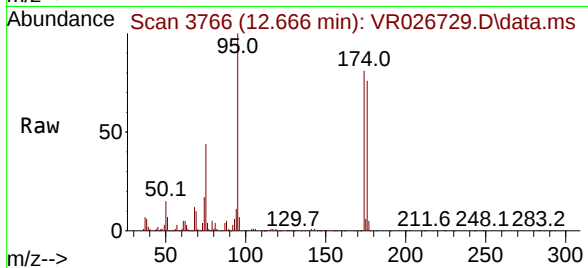




#61
4-Bromofluorobenzene
Concen: 51.837 ug/l
RT: 12.666 min Scan# 31
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

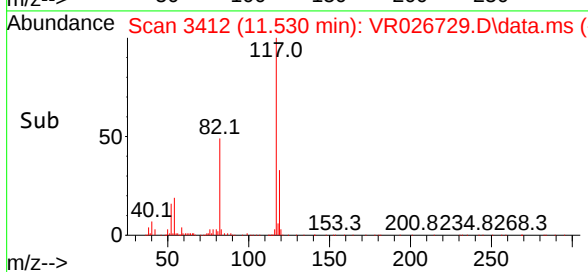
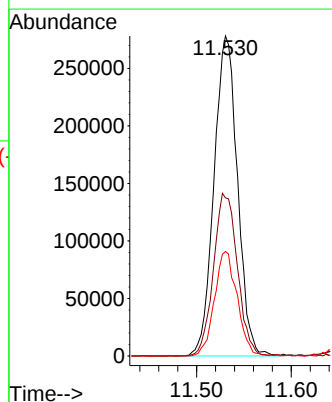
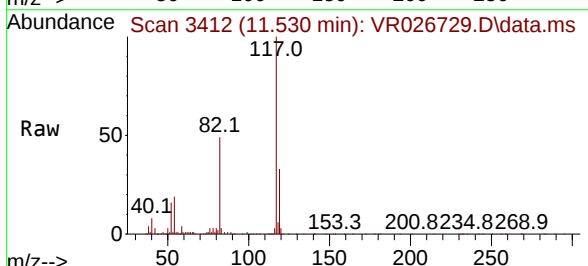
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

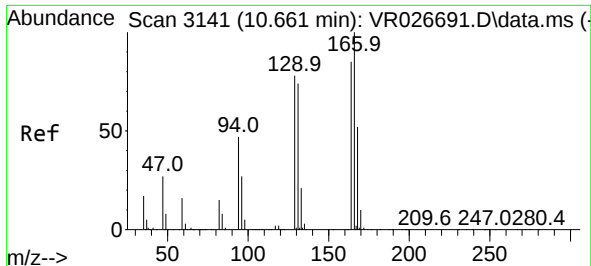
Tgt Ion: 95 Resp: 196834
Ion Ratio Lower Upper
95 100
174 87.5 0.0 158.4
176 81.0 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.530 min Scan# 3412
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 117 Resp: 478310
Ion Ratio Lower Upper
117 100
82 49.3 42.0 63.0
119 32.7 23.9 35.9

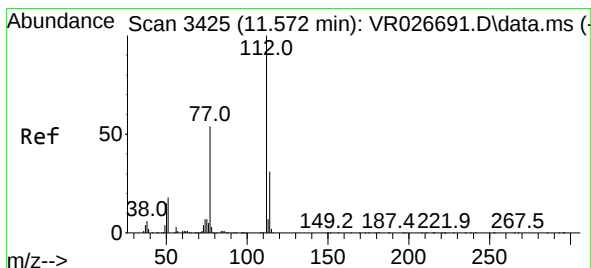
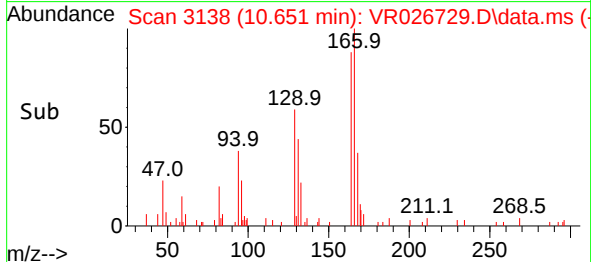
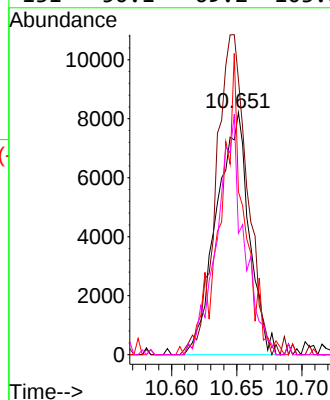
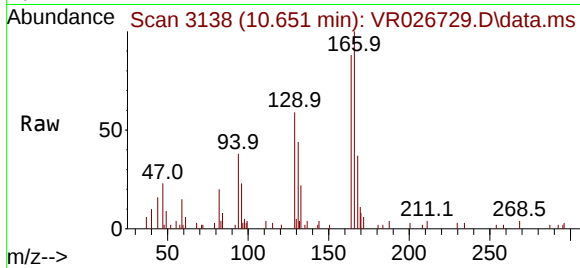




#63
Tetrachloroethene
Concen: 5.452 ug/l
RT: 10.651 min Scan# 3141
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

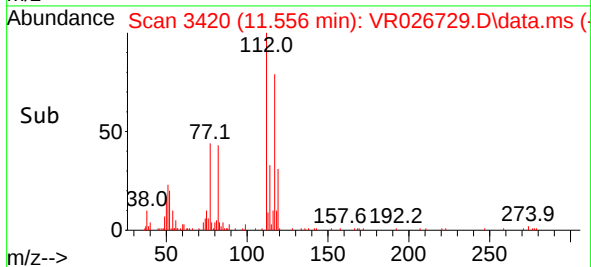
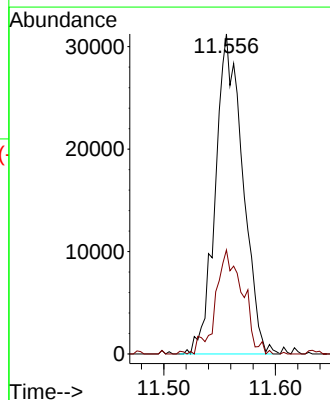
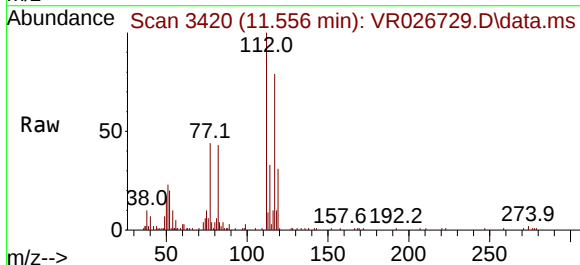
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

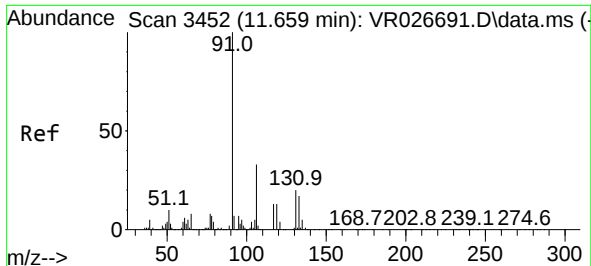
Tgt Ion:164	Resp:	14246
Ion Ratio	Lower	Upper
164	100	
166	113.5	93.7 140.5
129	64.2	73.4 110.2#
131	50.1	69.2 103.8#



#64
Chlorobenzene
Concen: 5.357 ug/l
RT: 11.556 min Scan# 3420
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:112	Resp:	53328
Ion Ratio	Lower	Upper
112	100	
114	32.5	25.0 37.6

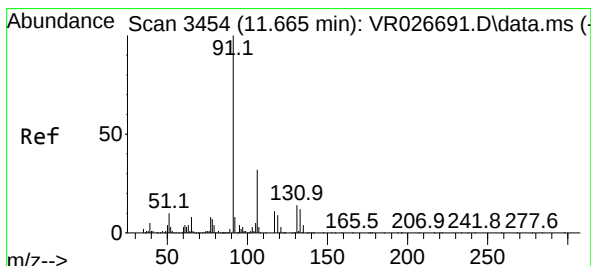
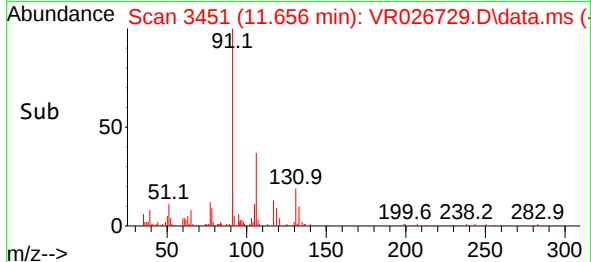
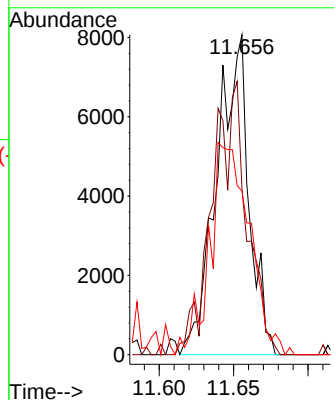
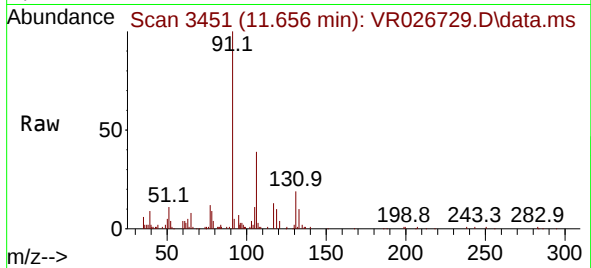




#65
1,1,1,2-Tetrachloroethane
Concen: 4.479 ug/l
RT: 11.656 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

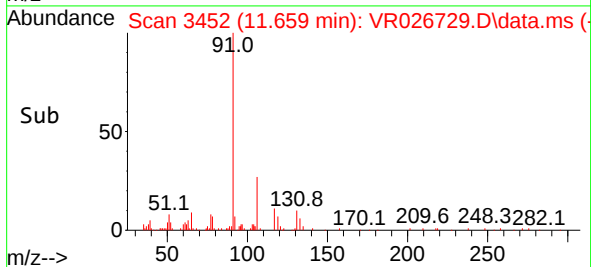
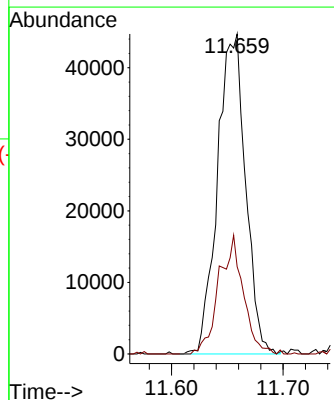
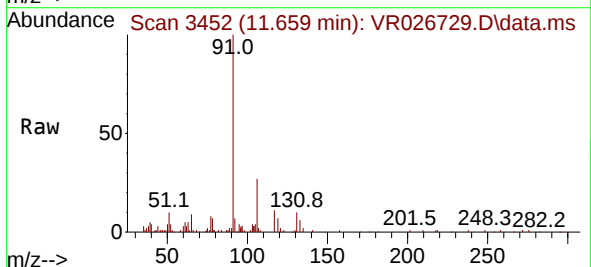
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

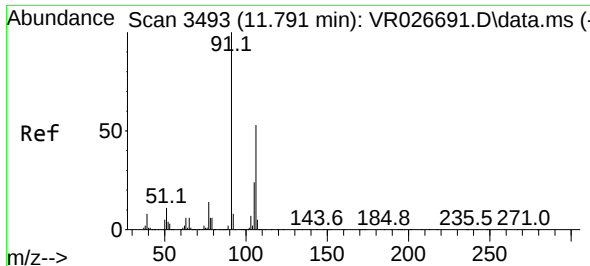
Tgt Ion:131 Resp: 12179
Ion Ratio Lower Upper
131 100
133 45.5 46.2 138.5#
119 0.0 35.7 107.1#



#66
Ethyl Benzene
Concen: 4.696 ug/l
RT: 11.659 min Scan# 3452
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 91 Resp: 78046
Ion Ratio Lower Upper
91 100
106 27.2 25.4 38.0

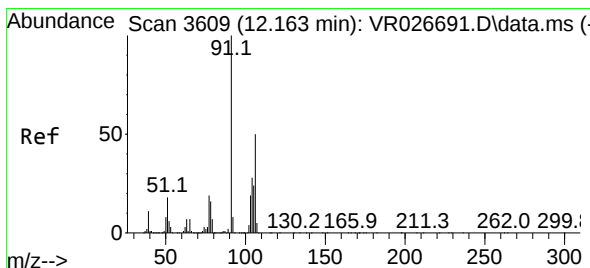
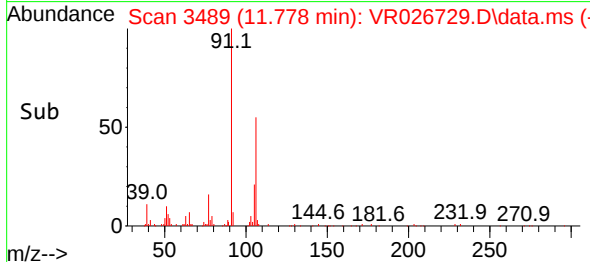
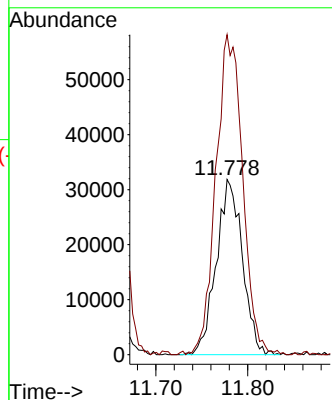
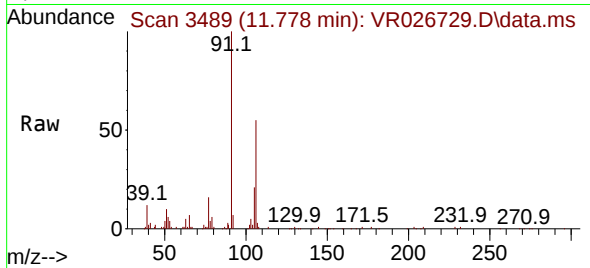




#67
m/p-Xylenes
Concen: 9.457 ug/l
RT: 11.778 min Scan# 3493
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

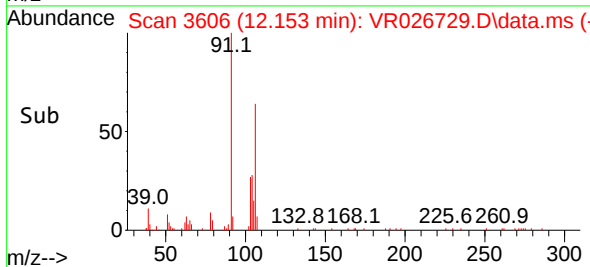
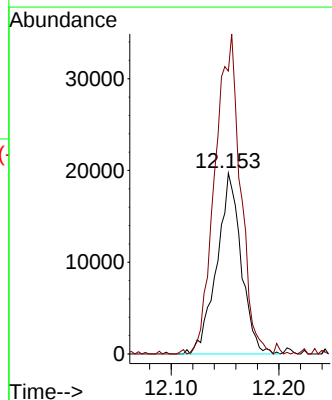
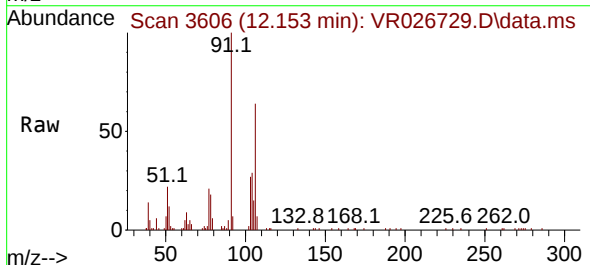
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

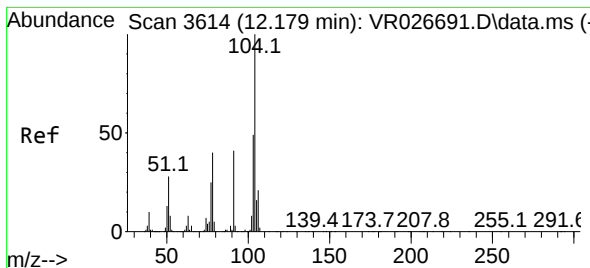
Tgt Ion:106 Resp: 62800
Ion Ratio Lower Upper
106 100
91 187.3 146.8 220.2



#68
o-Xylene
Concen: 4.793 ug/l
RT: 12.153 min Scan# 3606
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:106 Resp: 30893
Ion Ratio Lower Upper
106 100
91 185.5 97.9 293.6





#69

Styrene

Concen: 4.567 ug/l

RT: 12.169 min Scan# 3611

Delta R.T. -0.010 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT2-2025

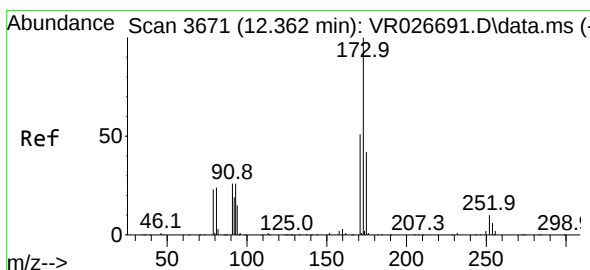
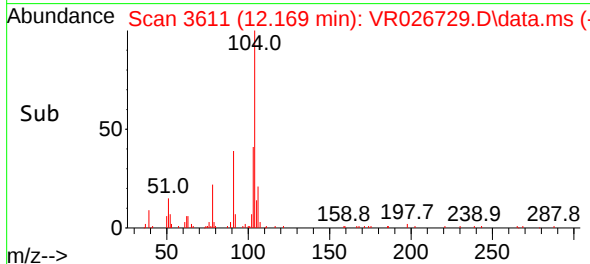
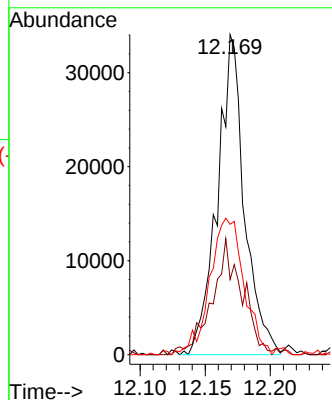
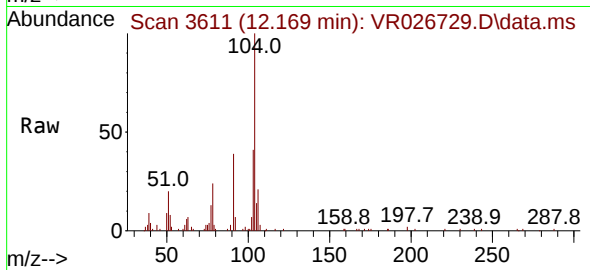
Tgt Ion:104 Resp: 49199

Ion Ratio Lower Upper

104 100

78 39.8 34.5 51.7

103 53.7 43.2 64.8



#70

Bromoform

Concen: 3.711 ug/l

RT: 12.355 min Scan# 3669

Delta R.T. -0.007 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

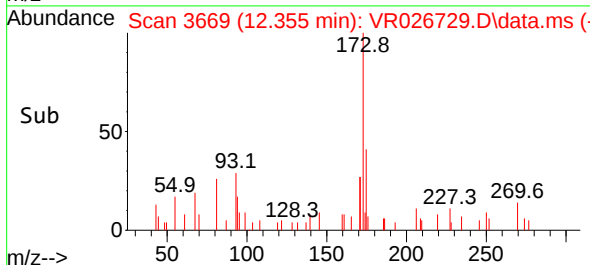
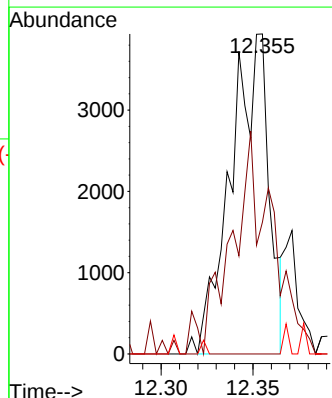
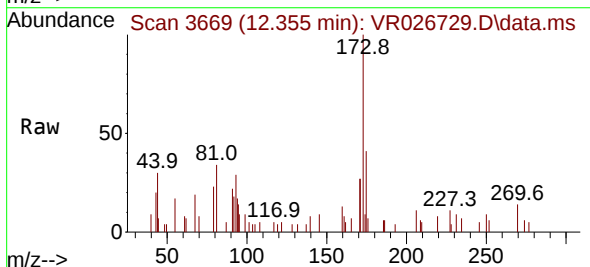
Tgt Ion:173 Resp: 5710

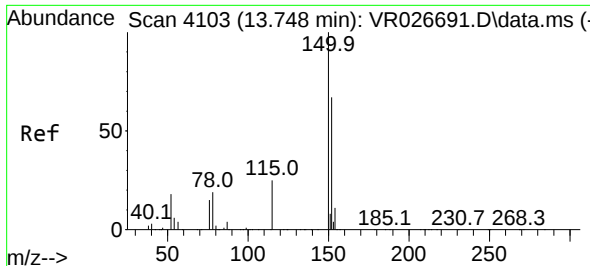
Ion Ratio Lower Upper

173 100

175 50.9 23.6 71.0

254 1.2 0.1 0.1#

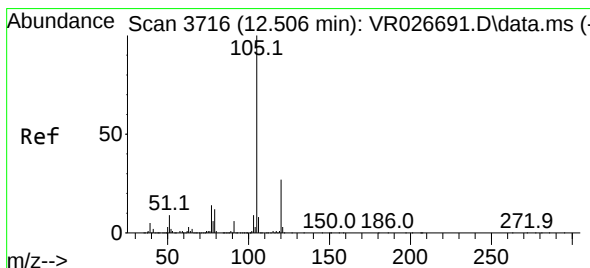
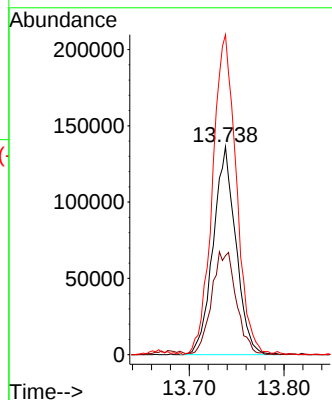
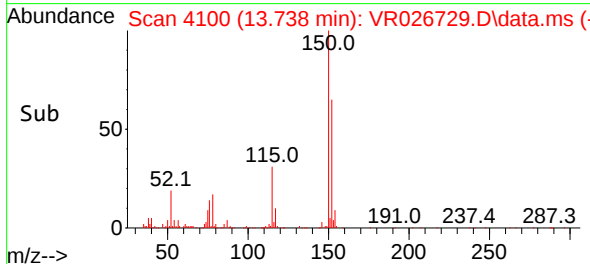
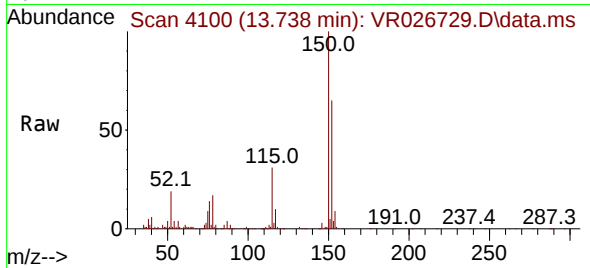




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.738 min Scan# 4103
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

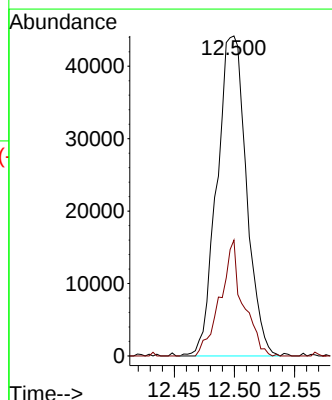
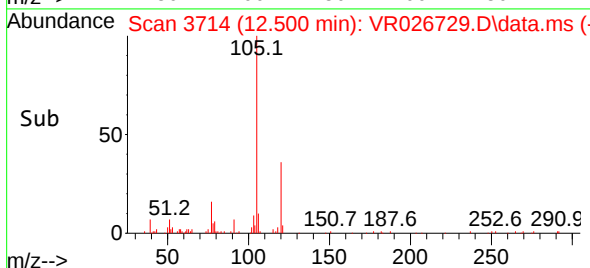
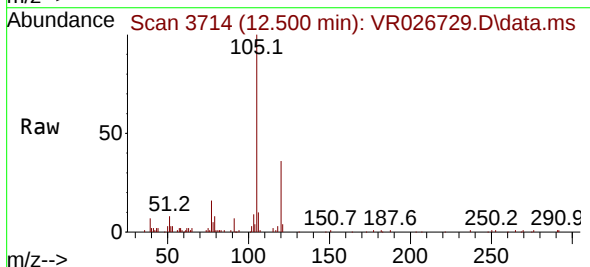
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

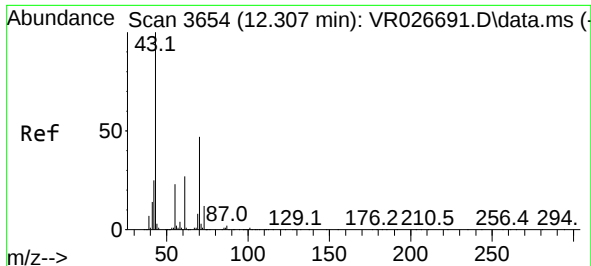
Tgt Ion:152 Resp: 227175
Ion Ratio Lower Upper
152 100
115 54.2 27.8 83.4
150 161.0 0.0 350.4



#72
Isopropylbenzene
Concen: 4.649 ug/l
RT: 12.500 min Scan# 3714
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:105 Resp: 75270
Ion Ratio Lower Upper
105 100
120 28.0 14.2 42.8

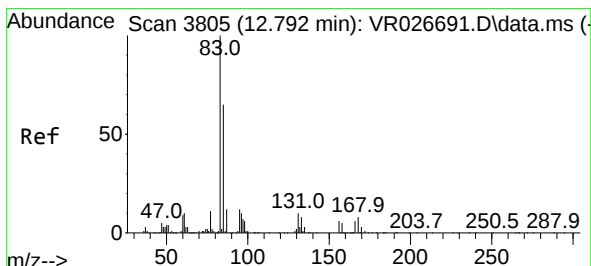
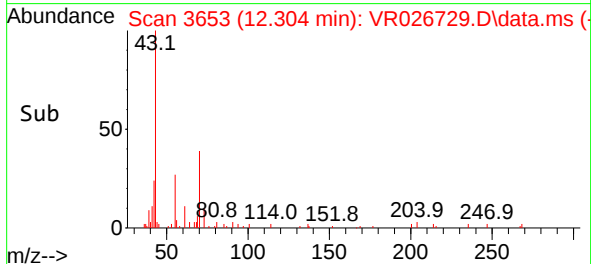
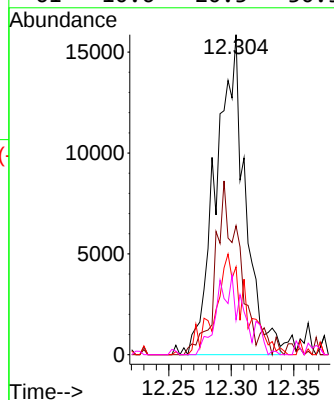
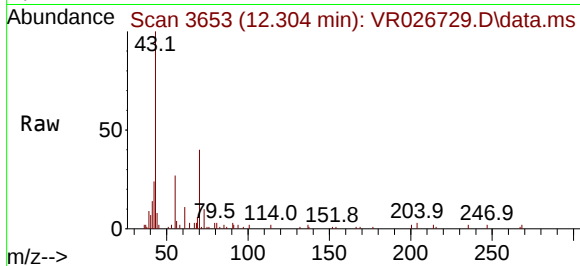




#73
N-amy1 acetate
Concen: 4.028 ug/l
RT: 12.304 min Scan# 301
Delta R.T. -0.003 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

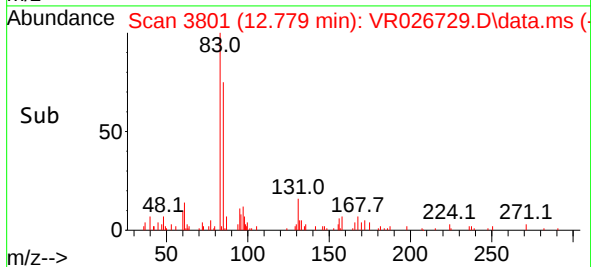
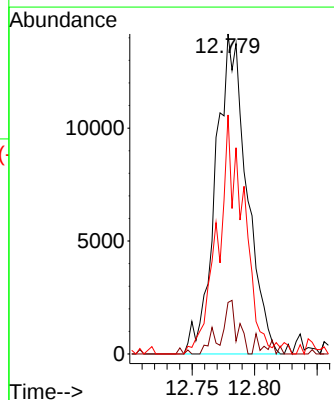
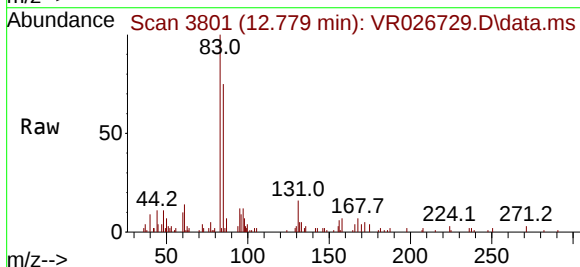
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

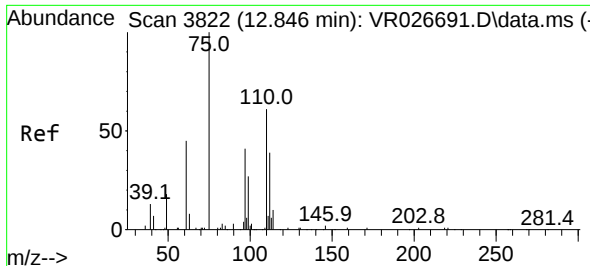
Tgt Ion: 43	Resp: 25857
Ion Ratio	Lower Upper
43 100	
70 42.2	36.4 54.6
55 32.7	18.7 28.1#
61 10.6	20.3 30.5#



#74
1,1,2,2-Tetrachloroethane
Concen: 5.191 ug/l
RT: 12.779 min Scan# 3801
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 83	Resp: 24659
Ion Ratio	Lower Upper
83 100	
131 6.7	4.2 12.4
85 62.1	32.3 96.8

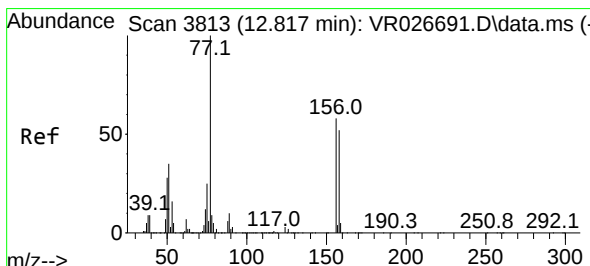
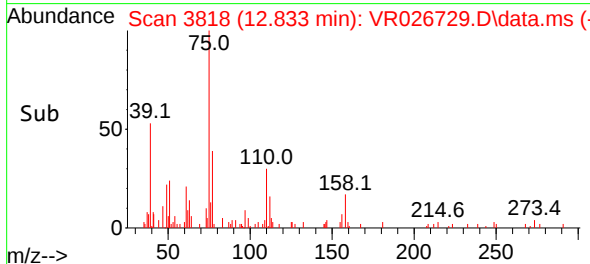
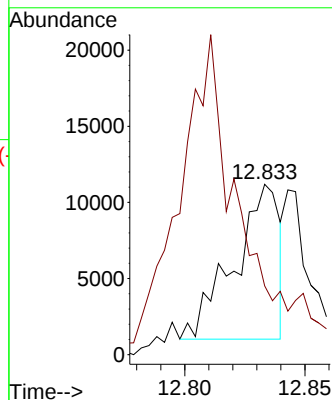
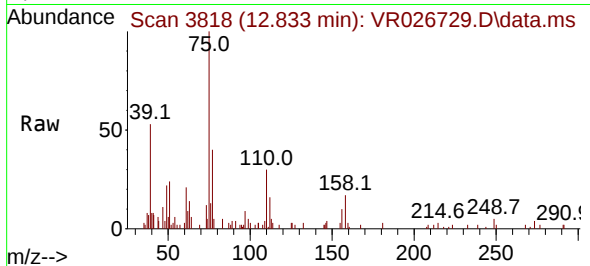




#75
1,2,3-Trichloropropane
Concen: 3.516 ug/l
RT: 12.833 min Scan# 3818
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

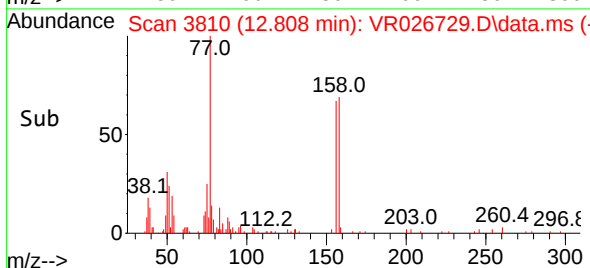
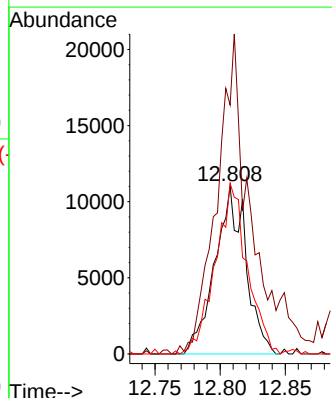
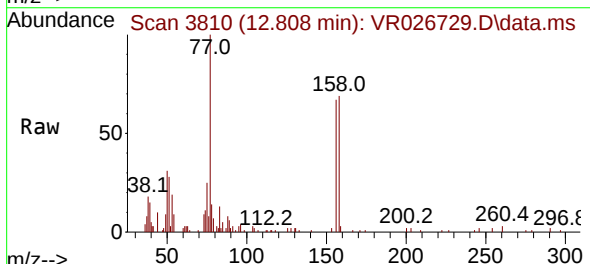
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

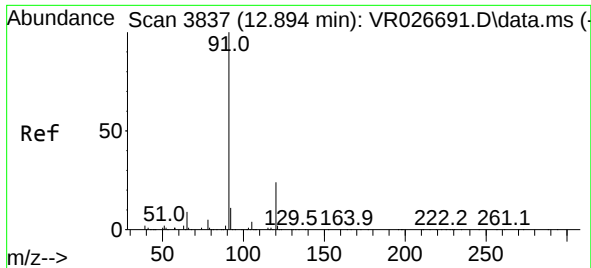
Tgt Ion: 75 Resp: 13240
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 4.857 ug/l
RT: 12.808 min Scan# 3810
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:156 Resp: 18200
Ion Ratio Lower Upper
156 100
77 192.9 105.5 316.4
158 104.9 46.4 139.1

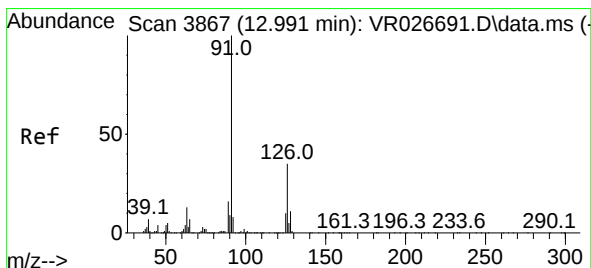
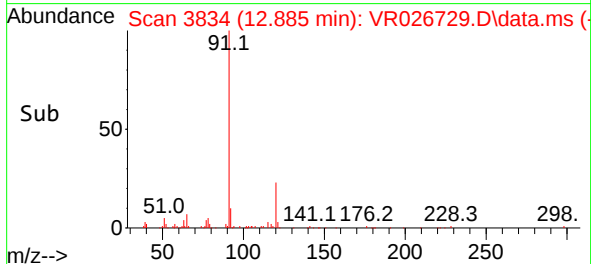
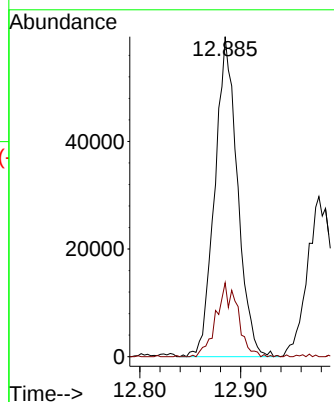
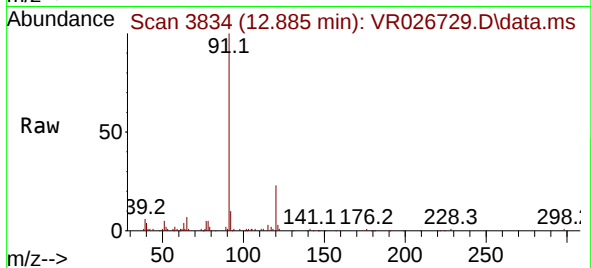




#77
n-propylbenzene
Concen: 4.820 ug/l
RT: 12.885 min Scan# 3834
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

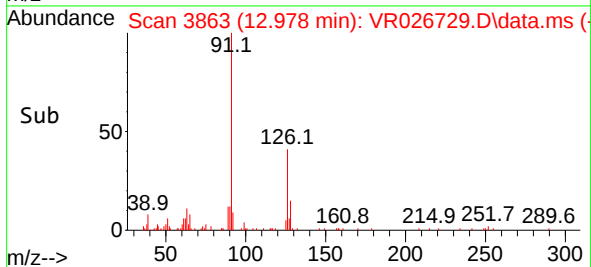
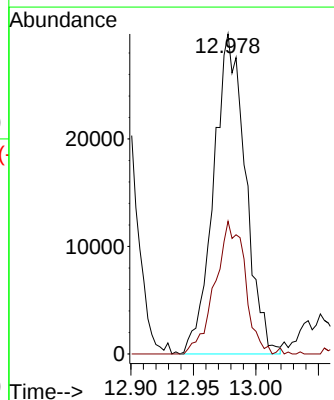
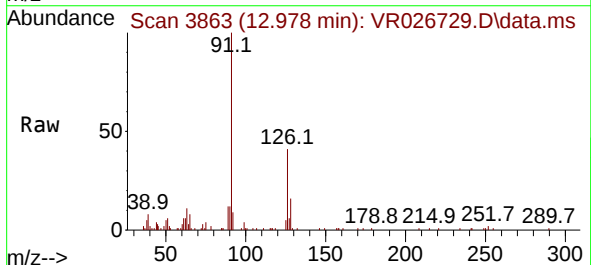
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

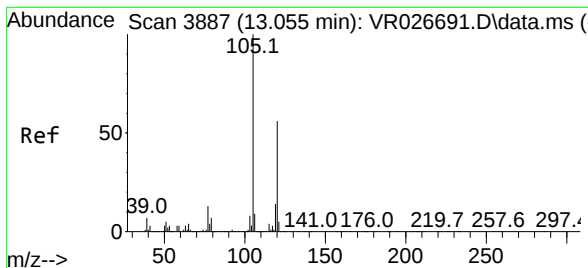
Tgt Ion: 91 Resp: 93120
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9



#78
2-Chlorotoluene
Concen: 4.827 ug/l
RT: 12.978 min Scan# 3863
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 91 Resp: 52903
Ion Ratio Lower Upper
91 100
126 38.9 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 4.742 ug/l

RT: 13.045 min Scan# 31

Delta R.T. -0.010 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

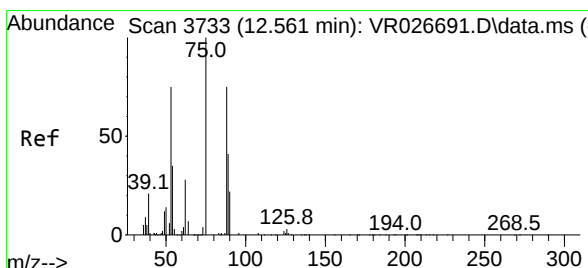
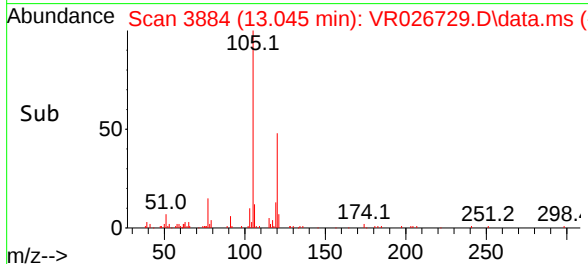
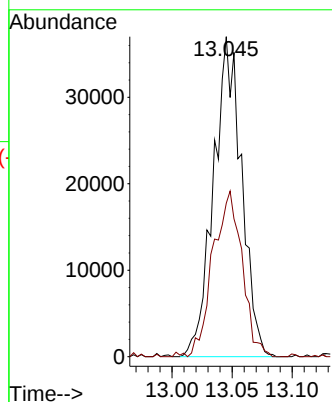
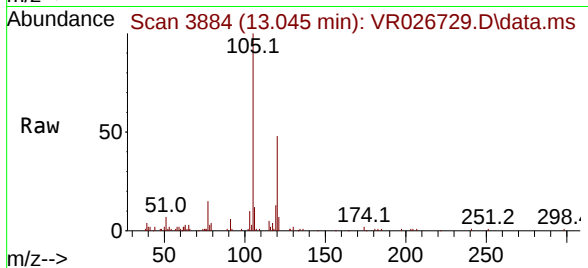
LOQ-WATER-02-QT2-2025

Tgt Ion:105 Resp: 60039

Ion Ratio Lower Upper

105 100

120 53.6 26.6 79.7



#80

trans-1,4-Dichloro-2-butene

Concen: 73.704 ug/l

RT: 12.663 min Scan# 3765

Delta R.T. 0.103 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

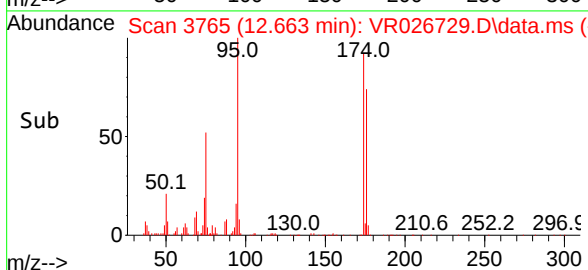
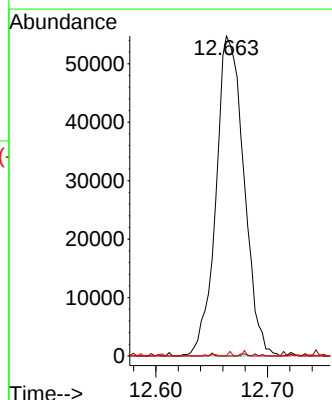
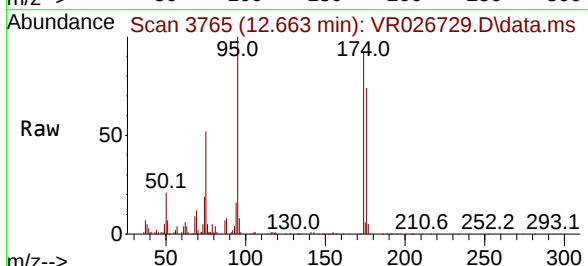
Tgt Ion: 75 Resp: 95293

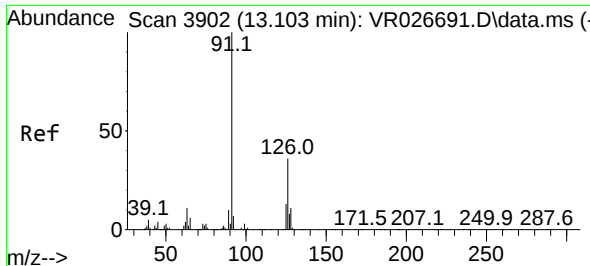
Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.6#

89 0.0 34.6 52.0#

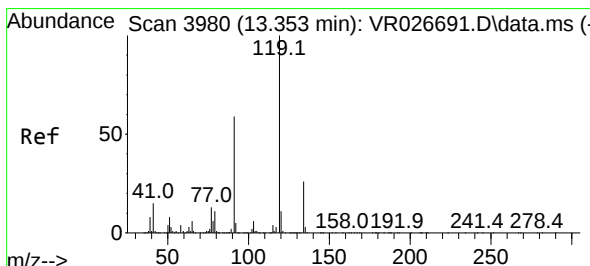
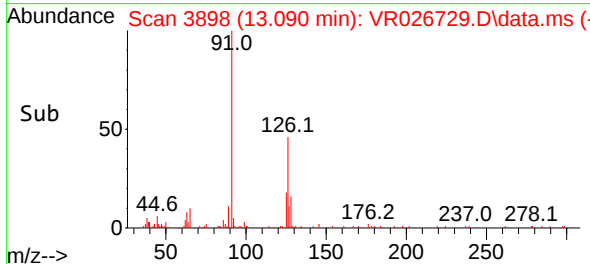
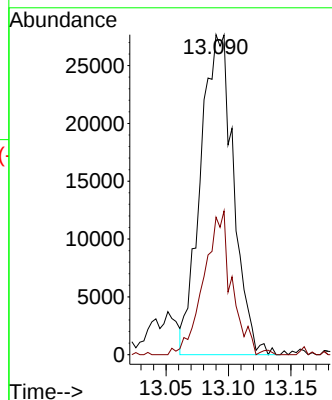
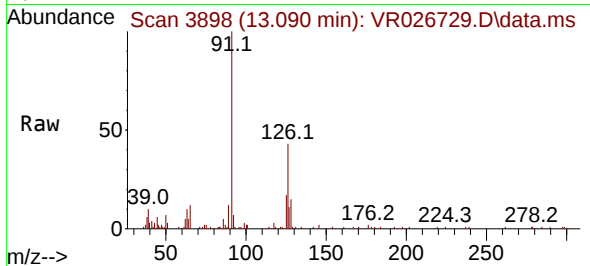




#81
4-Chlorotoluene
Concen: 4.543 ug/l
RT: 13.090 min Scan# 3902
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

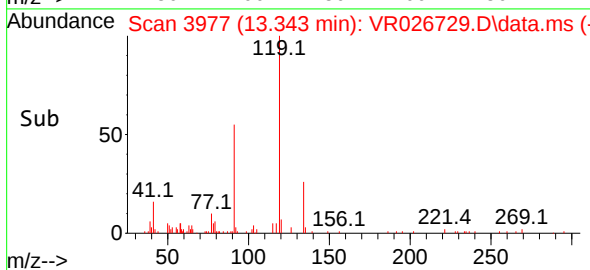
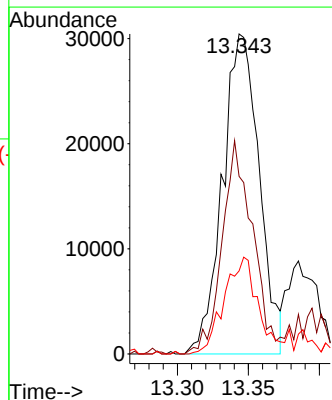
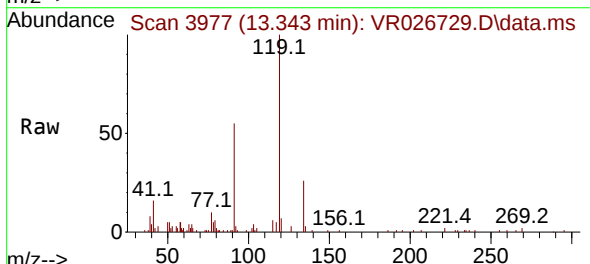
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

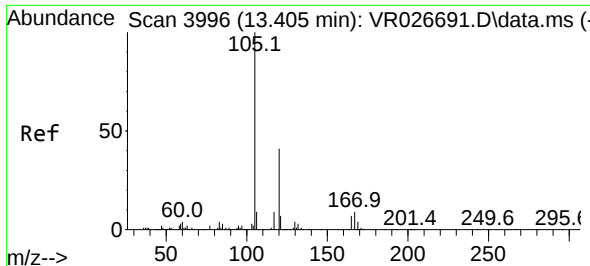
Tgt Ion: 91 Resp: 50871
Ion Ratio Lower Upper
91 100
126 37.8 17.8 53.3



#82
tert-Butylbenzene
Concen: 4.740 ug/l
RT: 13.343 min Scan# 3977
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 119 Resp: 54591
Ion Ratio Lower Upper
119 100
91 55.9 29.9 89.7
134 28.2 13.5 40.4

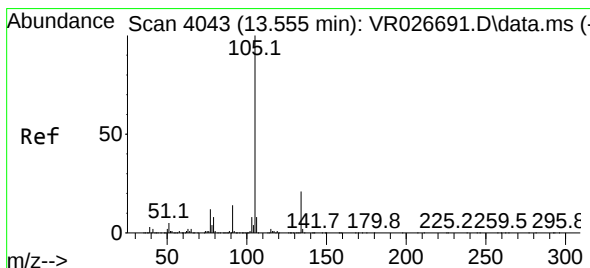
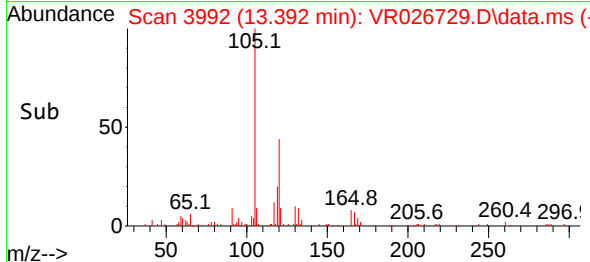
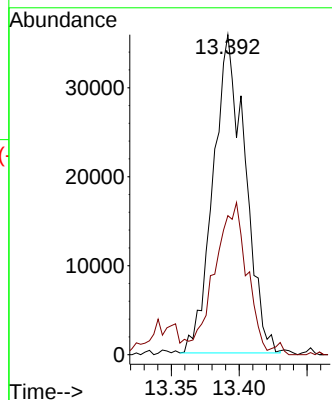
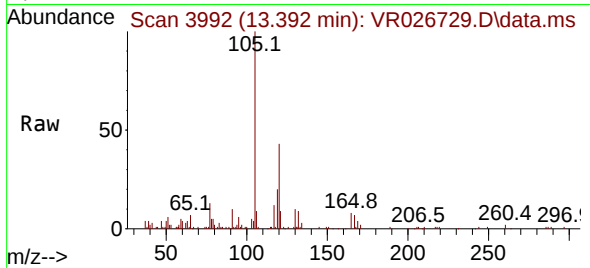




#83
1,2,4-Trimethylbenzene
Concen: 4.647 ug/l
RT: 13.392 min Scan# 3996
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

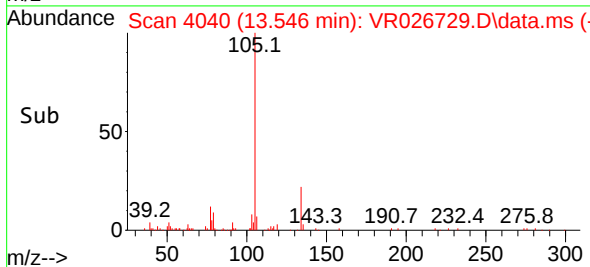
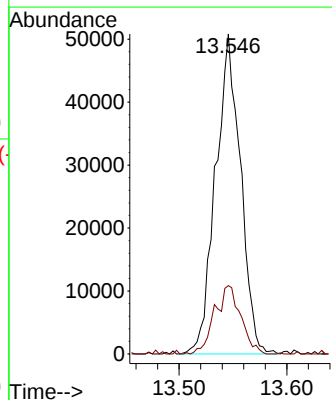
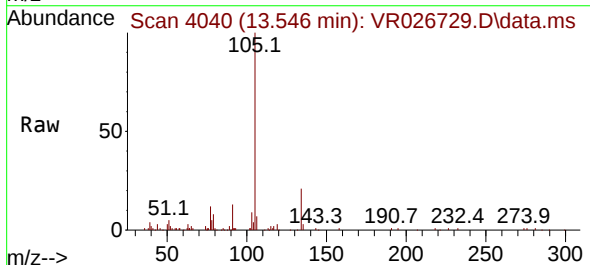
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

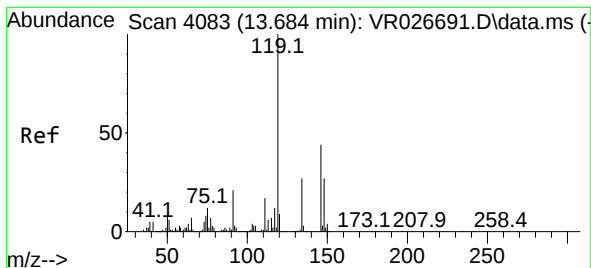
Tgt Ion:105 Resp: 58244
Ion Ratio Lower Upper
105 100
120 45.5 25.0 75.0



#84
sec-Butylbenzene
Concen: 4.792 ug/l
RT: 13.546 min Scan# 4040
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:105 Resp: 81839
Ion Ratio Lower Upper
105 100
134 22.4 10.4 31.1





#85

p-Isopropyltoluene

Concen: 4.341 ug/l

RT: 13.677 min Scan# 4081

Delta R.T. -0.007 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT2-2025

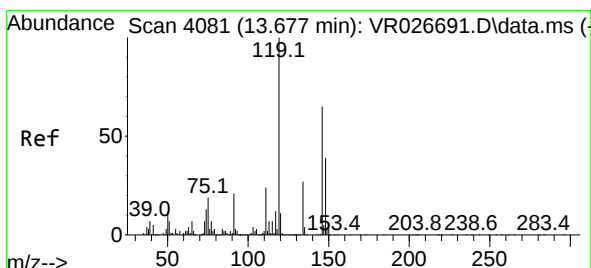
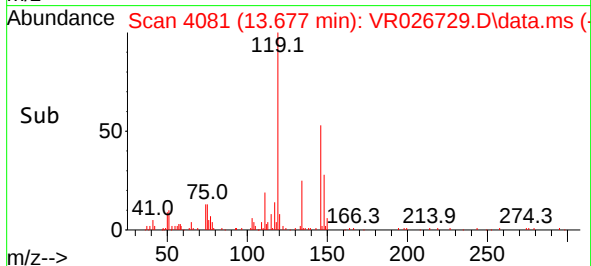
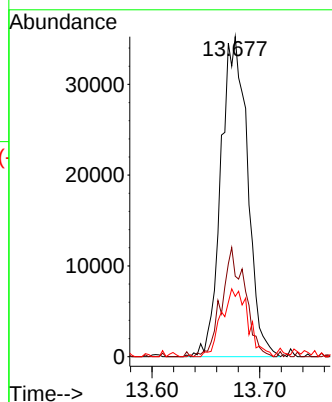
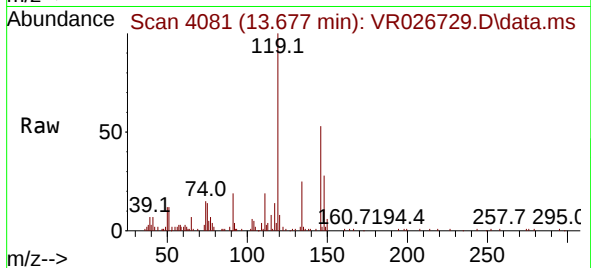
Tgt Ion:119 Resp: 60455

Ion Ratio Lower Upper

119 100

134 30.0 13.9 41.7

91 21.2 10.4 31.2



#86

1,3-Dichlorobenzene

Concen: 5.256 ug/l

RT: 13.671 min Scan# 4079

Delta R.T. -0.007 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

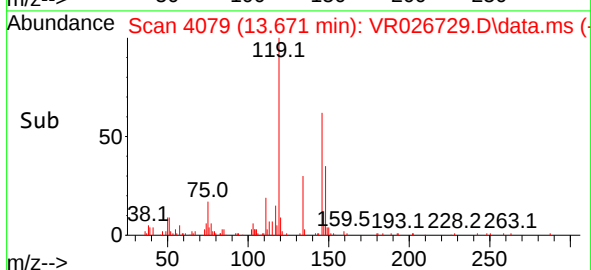
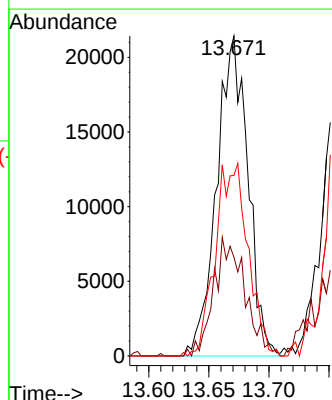
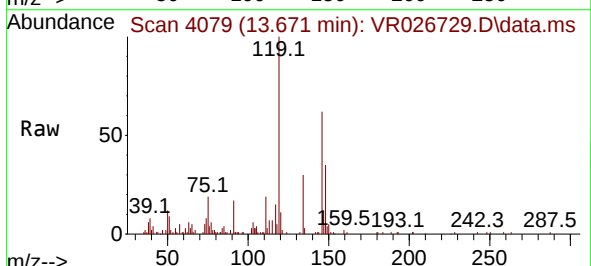
Tgt Ion:146 Resp: 38615

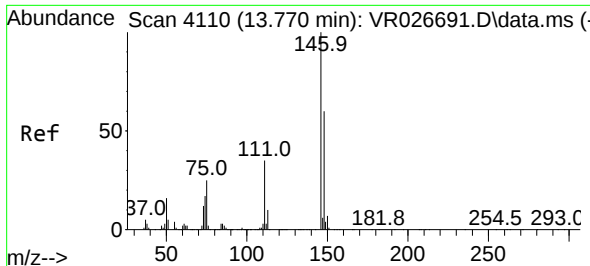
Ion Ratio Lower Upper

146 100

111 37.1 19.4 58.2

148 63.1 31.4 94.3

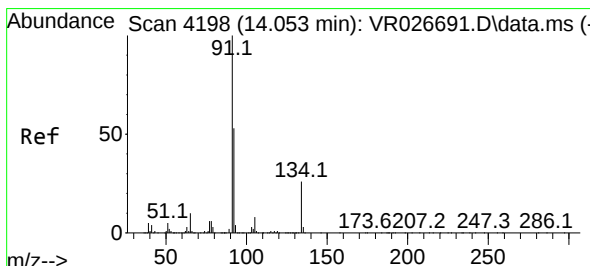
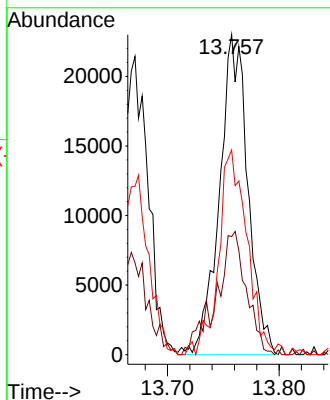
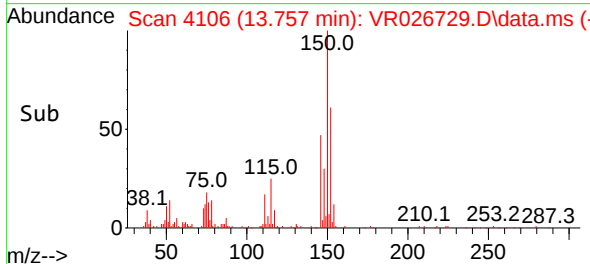
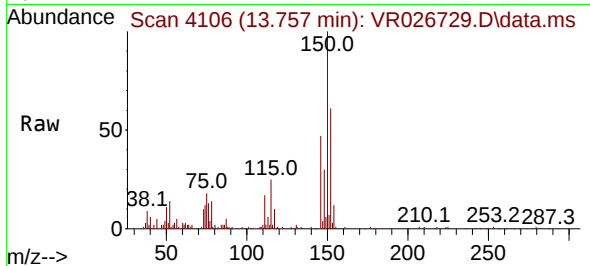




#87
1,4-Dichlorobenzene
Concen: 5.550 ug/l
RT: 13.757 min Scan# 4110
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

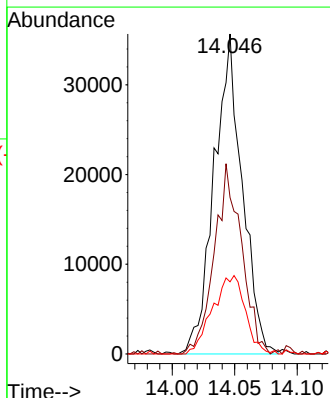
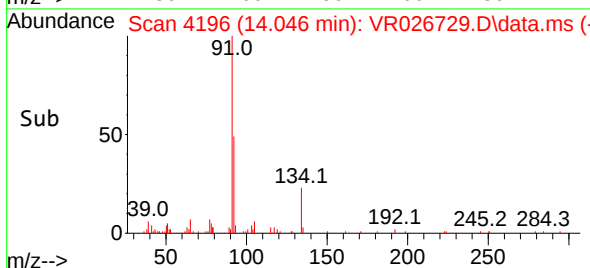
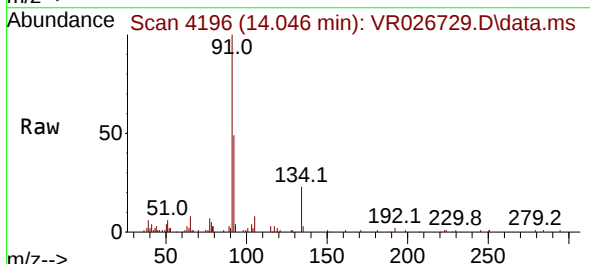
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

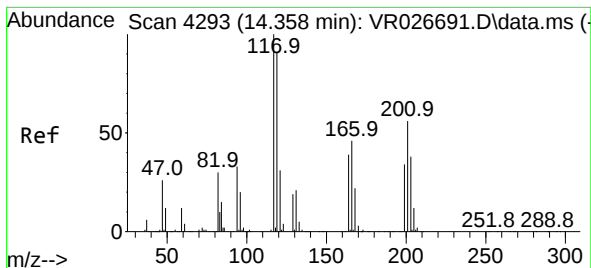
Tgt Ion:146 Resp: 40925
Ion Ratio Lower Upper
146 100
111 40.9 19.1 57.3
148 63.0 32.6 97.8



#88
n-Butylbenzene
Concen: 4.359 ug/l
RT: 14.046 min Scan# 4196
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 91 Resp: 55948
Ion Ratio Lower Upper
91 100
92 57.4 27.1 81.2
134 28.5 13.1 39.3





#89

Hexachloroethane

Concen: 4.127 ug/l

RT: 14.345 min Scan# 41

Delta R.T. -0.013 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

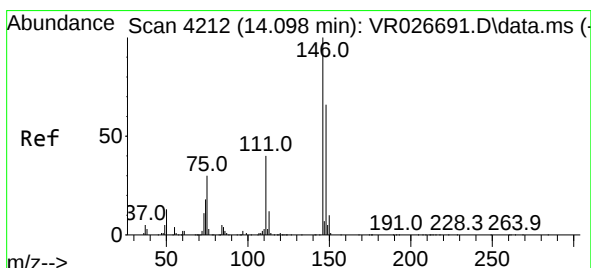
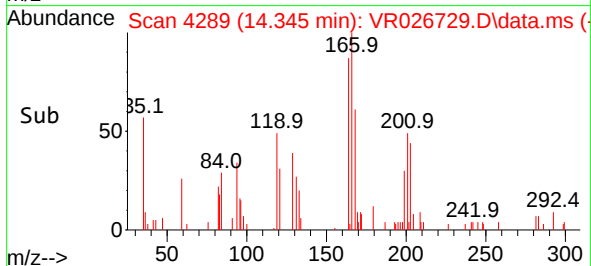
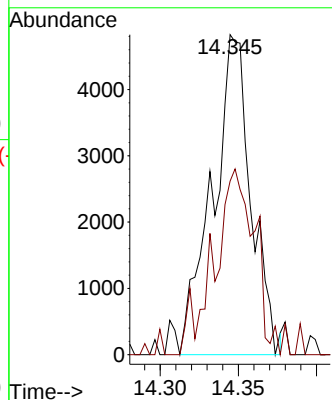
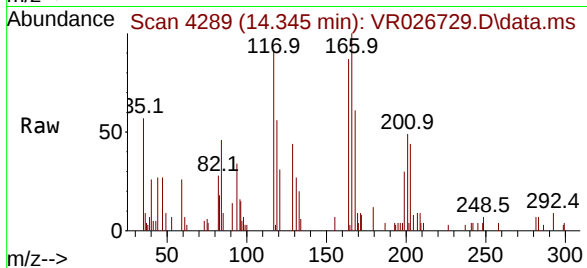
LOQ-WATER-02-QT2-2025

Tgt Ion:117 Resp: 8254

Ion Ratio Lower Upper

117 100

201 52.9 30.6 92.0



#90

1,2-Dichlorobenzene

Concen: 5.563 ug/l

RT: 14.091 min Scan# 4210

Delta R.T. -0.007 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

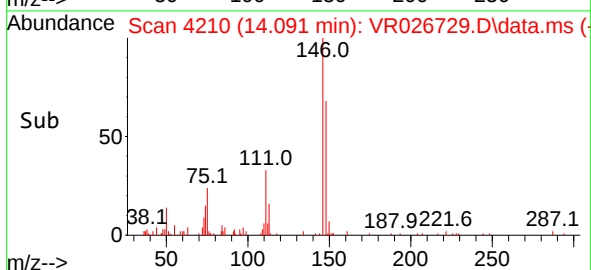
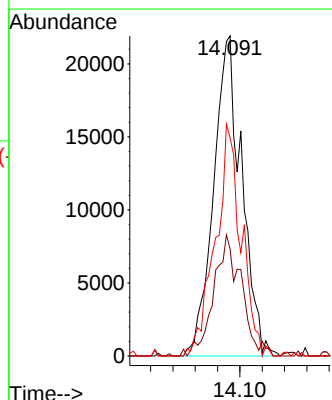
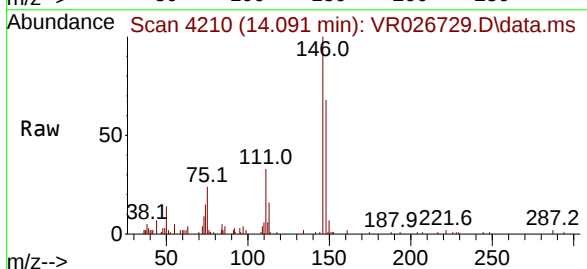
Tgt Ion:146 Resp: 38381

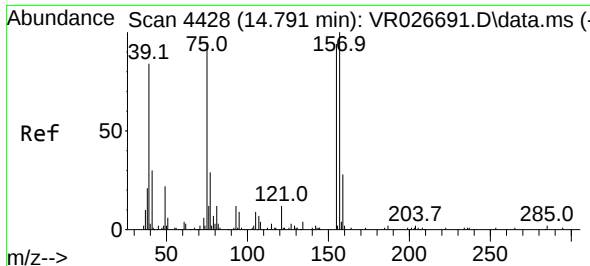
Ion Ratio Lower Upper

146 100

111 36.0 20.0 60.0

148 66.5 32.4 97.0





#91

1,2-Dibromo-3-Chloropropane

Concen: 0.618 ug/l

RT: 14.794 min Scan# 4428

Delta R.T. 0.003 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT2-2025

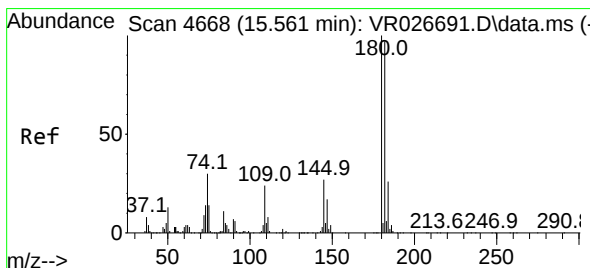
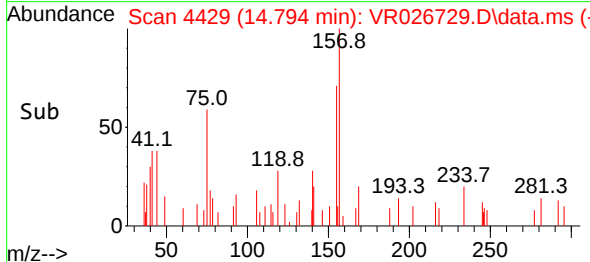
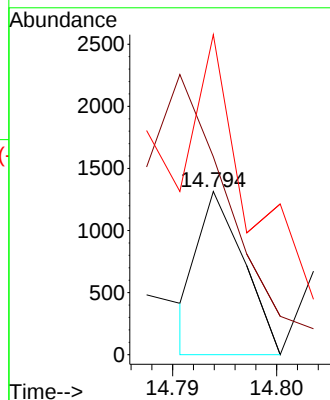
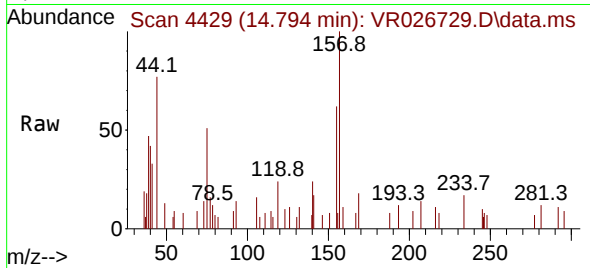
Tgt Ion: 75 Resp: 391

Ion Ratio Lower Upper

75 100

155 664.7 48.0 144.2#

157 0.0 59.5 178.4#



#92

1,2,4-Trichlorobenzene

Concen: 3.124 ug/l

RT: 15.548 min Scan# 4664

Delta R.T. -0.013 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

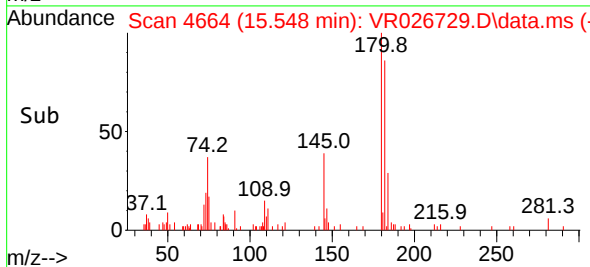
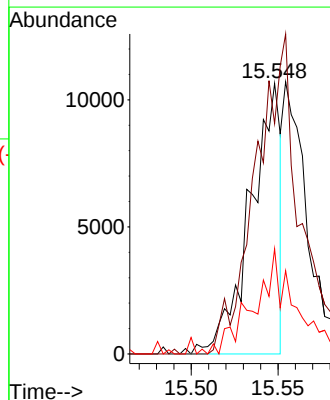
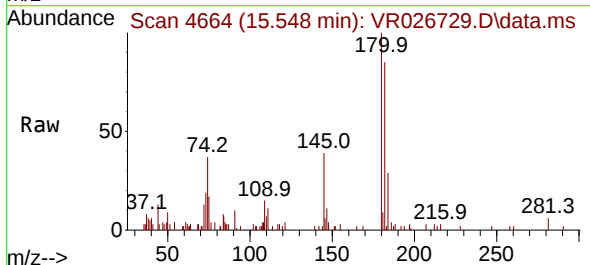
Tgt Ion: 180 Resp: 12888

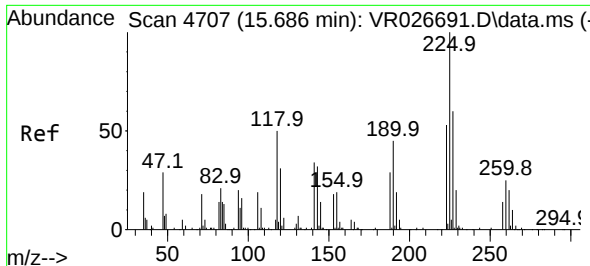
Ion Ratio Lower Upper

180 100

182 172.7 47.0 141.0#

145 51.7 15.2 45.5#

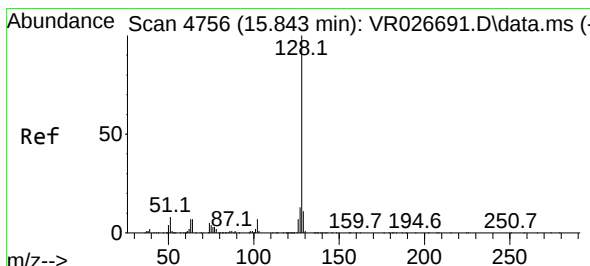
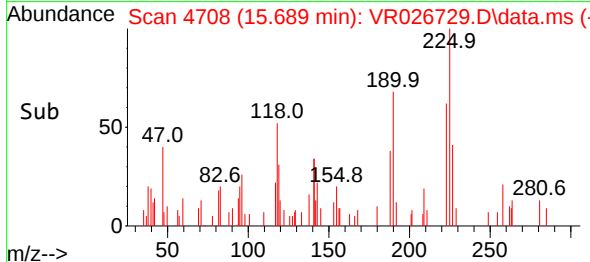
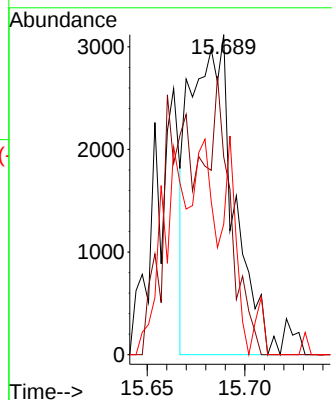
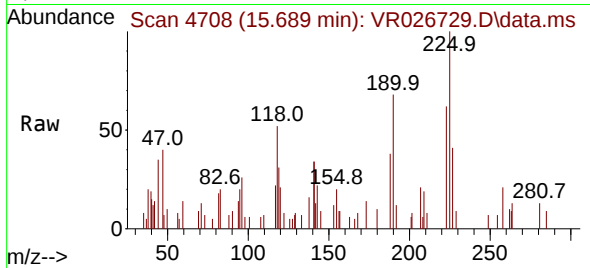




#93
Hexachlorobutadiene
Concen: 3.606 ug/l
RT: 15.689 min Scan# 41
Delta R.T. 0.003 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

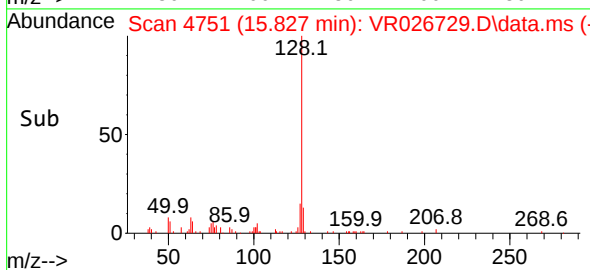
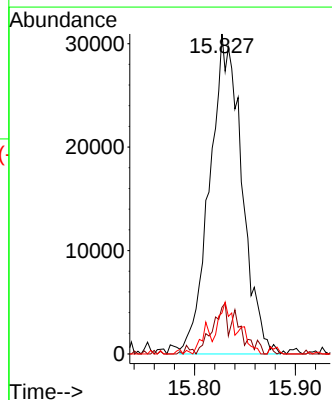
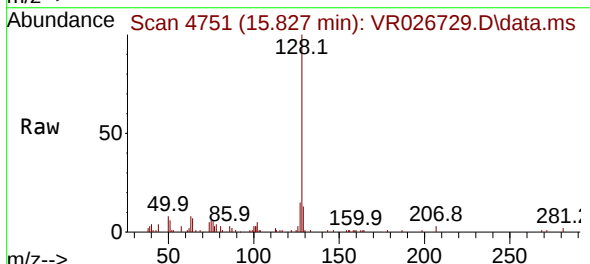
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

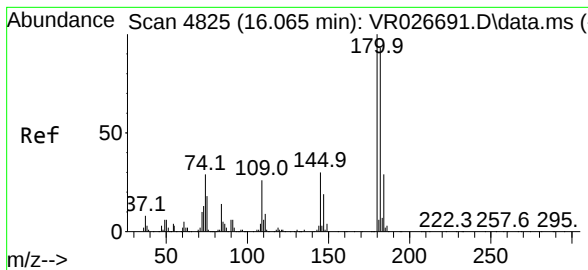
Tgt Ion:225 Resp: 4834
Ion Ratio Lower Upper
225 100
223 0.0 31.4 94.2#
227 19.2 31.6 95.0#



#94
Naphthalene
Concen: 5.420 ug/l
RT: 15.827 min Scan# 4751
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

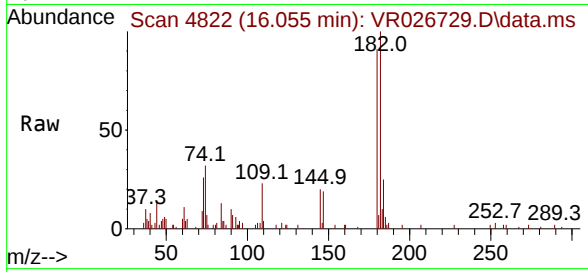
Tgt Ion:128 Resp: 68532
Ion Ratio Lower Upper
128 100
127 7.1 9.8 14.8#
129 4.7 8.6 13.0#





#95
 1,2,3-Trichlorobenzene
 Concen: 4.587 ug/l
 RT: 16.055 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

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



Tgt Ion:	180	Resp:	17967
Ion	Ratio	Lower	Upper
180	100		
182	117.9	47.2	141.6
145	3.6	15.5	46.5#

