

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082125\
 Data File : VR026755.D
 Acq On : 21 Aug 2025 14:15
 Operator : SY/MD
 Sample : Q2893-08
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

Quant Time: Aug 22 06:56:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 06:50:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.385	168	1755221	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.392	114	2991043	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.566	117	2251687	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.764	152	647719	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.770	65	1044877	47.403	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.800%
34) Dibromofluoromethane	7.295	113	885164	45.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.740%
49) Toluene-d8	10.074	98	3295789	50.395	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.800%
61) 4-Bromofluorobenzene	12.695	95	801583	43.198	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.827	85	74958	4.519	ug/l	90
3) Chloromethane	1.820	50	9288	4.707	ug/l #	98
4) Vinyl Chloride	2.128	62	143682	5.265	ug/l	99
5) Bromomethane	2.446	94	52118	6.220	ug/l	89
6) Chloroethane	2.581	64	97366	6.252	ug/l	89
7) Trichlorofluoromethane	2.873	101	294501	5.567	ug/l	100
8) Diethyl Ether	3.239	74	89939	5.314	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.534	101	48403	2.290	ug/l #	1
10) Methyl Iodide	3.720	142	112785	5.020	ug/l #	81
11) Tert butyl alcohol	4.503	59	32921	9.715	ug/l #	85
12) 1,1-Dichloroethene	3.528	96	119215	5.197	ug/l	90
13) Acrolein	3.412	56	97349	41.564	ug/l	99
14) Allyl chloride	4.051	41	202142	4.781	ug/l #	89
15) Acrylonitrile	4.660	53	324078	22.362	ug/l	97
16) Acetone	3.611	43	275492	23.612	ug/l	99
17) Carbon Disulfide	3.807	76	259832	4.663	ug/l	98
18) Methyl Acetate	4.076	43	145418	4.278	ug/l	100
19) Methyl tert-butyl Ether	4.724	73	342606	4.709	ug/l	97
20) Methylene Chloride	4.259	84	136335	5.478	ug/l	91
21) trans-1,2-Dichloroethene	4.696	96	119308	4.974	ug/l	98
22) Diisopropyl ether	5.613	45	441738	5.079	ug/l	92
23) Vinyl Acetate	5.546	43	1553162	26.924	ug/l #	71
24) 1,1-Dichloroethane	5.485	63	220061	5.141	ug/l	99
25) 2-Butanone	6.496	43	387787	21.406	ug/l #	85
26) 2,2-Dichloropropane	6.476	77	127615	4.352	ug/l	98
27) cis-1,2-Dichloroethene	6.480	96	130479	4.806	ug/l	97
28) Bromochloromethane	6.865	49	75715	5.977	ug/l	98
29) Chloroform	7.061	83	192134	4.996	ug/l	97
30) Cyclohexane	7.381	56	260027	5.761	ug/l #	87
31) 1,1,1-Trichloroethane	7.276	97	152560	4.886	ug/l	97
35) 1,1-Dichloropropene	7.519	75	139185	4.582	ug/l	98
36) Ethyl Acetate	6.605	43	155576	4.003	ug/l	97
37) Carbon Tetrachloride	7.497	117	115478	4.224	ug/l	92
38) Methylcyclohexane	8.941	83	177542	4.670	ug/l	91
39) Benzene	7.789	78	484905	5.199	ug/l #	87
40) Methacrylonitrile	6.839	41	79971	3.945	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.882	62	121958	4.716	ug/l	99
42) Isopropyl Acetate	7.943	43	221459	4.019	ug/l	97
43) Trichloroethene	8.668	130	93986	4.619	ug/l	84
44) 1,2-Dichloropropane	8.976	63	98504	4.412	ug/l	97
45) Dibromomethane	9.072	93	58187	4.102	ug/l	93
46) Bromodichloromethane	9.297	83	109495	4.147	ug/l	97
47) Methyl methacrylate	9.089	41	99838	3.712	ug/l	99
48) 1,4-Dioxane	9.082	88	22504	65.138	ug/l	95
50) 4-Methyl-2-Pentanone	9.961	43	614983	22.576	ug/l #	72
51) Toluene	10.147	92	250920	4.712	ug/l	81
52) t-1,3-Dichloropropene	10.404	75	95487	3.819	ug/l	100
53) cis-1,3-Dichloropropene	9.791	75	122819	4.049	ug/l	95
54) 1,1,2-Trichloroethane	10.603	97	83361	4.410	ug/l	95
55) Ethyl methacrylate	10.465	69	129124	3.971	ug/l	100
56) 1,3-Dichloropropane	10.770	76	139419	4.376	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.631	63	8317	4.774	ug/l #	86
58) 2-Hexanone	10.828	43	372303	19.996	ug/l	82
59) Dibromochloromethane	10.988	129	69468	3.907	ug/l	99
60) 1,2-Dibromoethane	11.101	107	70297	4.115	ug/l	98
63) Tetrachloroethene	10.683	164	79652	5.035	ug/l #	87
64) Chlorobenzene	11.595	112	251380	5.017	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.681	131	67513	4.013	ug/l	93
66) Ethyl Benzene	11.688	91	439388	5.245	ug/l #	74
67) m/p-Xylenes	11.813	106	342719	9.776	ug/l #	72
68) o-Xylene	12.182	106	162287	4.569	ug/l	96
69) Styrene	12.201	104	238241	4.558	ug/l #	90
70) Bromoform	12.381	173	32161	3.545	ug/l #	96
72) Isopropylbenzene	12.525	105	389366	5.538	ug/l	93
73) N-amyl acetate	12.326	43	94451	3.721	ug/l	97
74) 1,1,2,2-Tetrachloroethane	12.808	83	91564	4.549	ug/l	100
75) 1,2,3-Trichloropropane	12.865	75	89943	5.633	ug/l #	100
76) Bromobenzene	12.837	156	73485	4.775	ug/l	89
77) n-propylbenzene	12.910	91	412431	5.472	ug/l	91
78) 2-Chlorotoluene	13.007	91	219485	4.931	ug/l	99
79) 1,3,5-Trimethylbenzene	13.071	105	263223	5.013	ug/l	96
80) trans-1,4-Dichloro-2-b...	12.583	75	15782	3.016	ug/l #	75
81) 4-Chlorotoluene	13.119	91	197011	4.830	ug/l	98
82) tert-Butylbenzene	13.366	119	239307	4.875	ug/l	92
83) 1,2,4-Trimethylbenzene	13.417	105	215942	4.511	ug/l	99
84) sec-Butylbenzene	13.571	105	326149	5.166	ug/l	96
85) p-Isopropyltoluene	13.700	119	229076	4.669	ug/l	95
86) 1,3-Dichlorobenzene	13.693	146	111073	4.860	ug/l	95
87) 1,4-Dichlorobenzene	13.783	146	115116	5.228	ug/l	97
88) n-Butylbenzene	14.072	91	175605	5.010	ug/l	97
89) Hexachloroethane	14.374	117	32500	4.084	ug/l	96
90) 1,2-Dichlorobenzene	14.120	146	102476	5.339	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.816	75	8645	4.332	ug/l	95
92) 1,2,4-Trichlorobenzene	15.583	180	63451	5.031	ug/l	98
93) Hexachlorobutadiene	15.702	225	23415	5.633	ug/l	98
94) Naphthalene	15.863	128	153019	4.244	ug/l	99
95) 1,2,3-Trichlorobenzene	16.084	180	62014	5.068	ug/l	97

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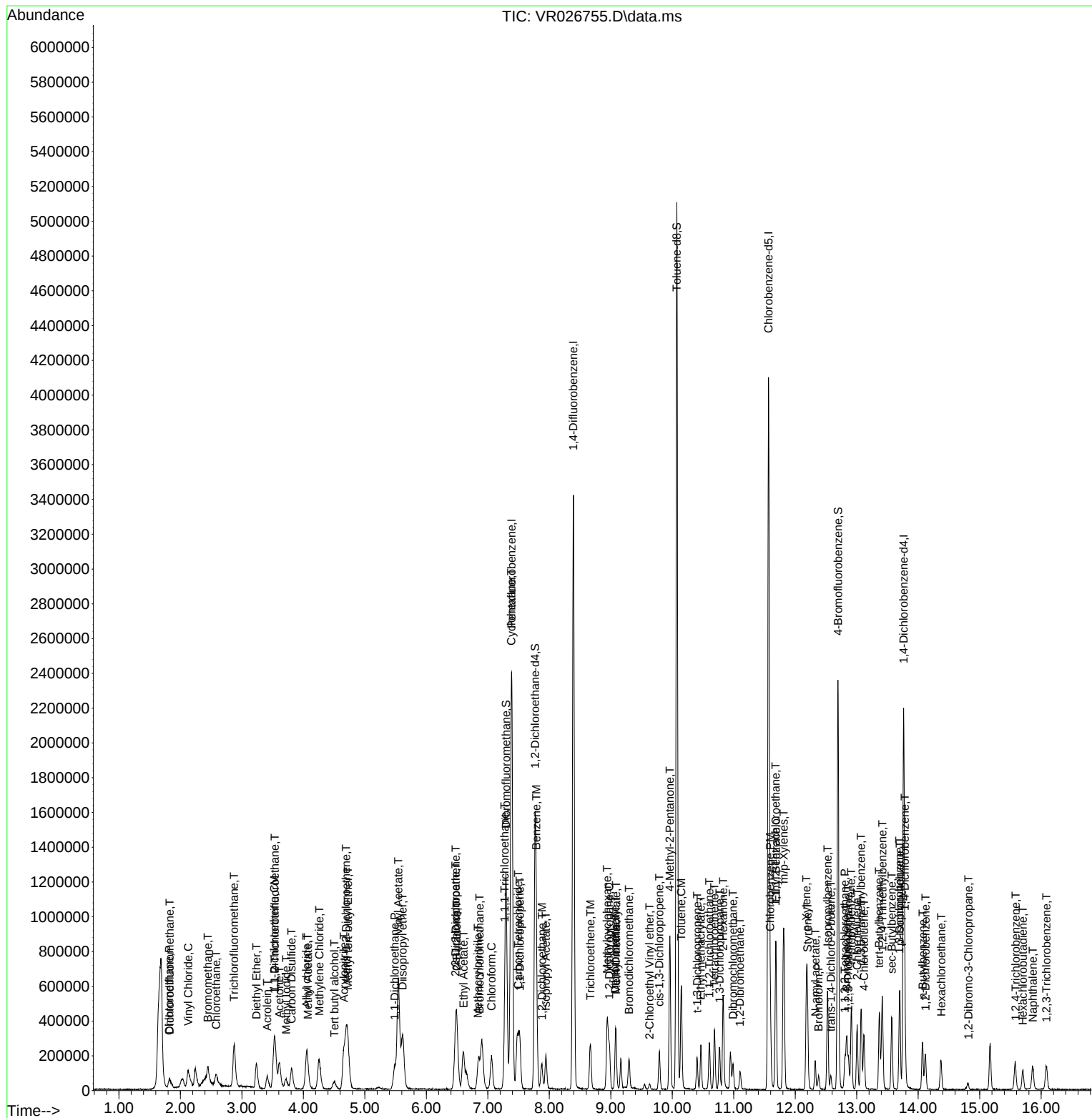
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

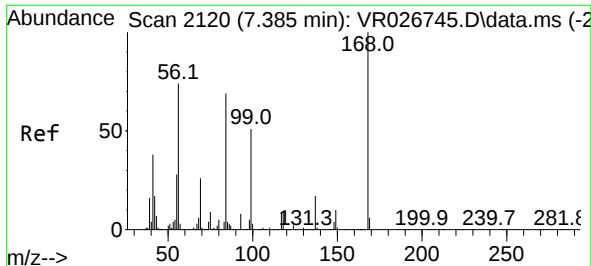
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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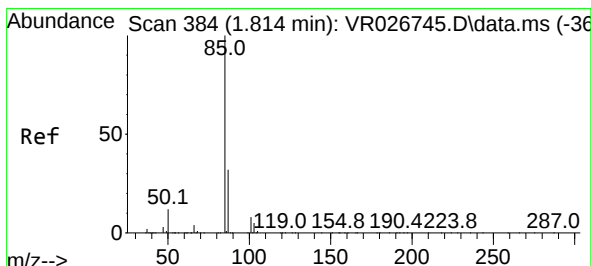
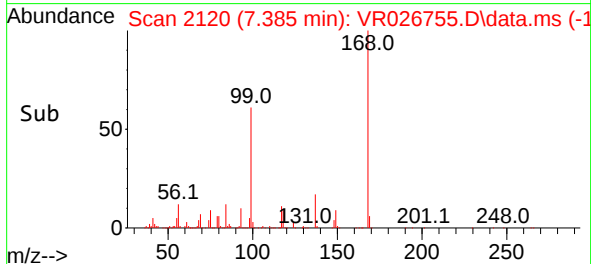
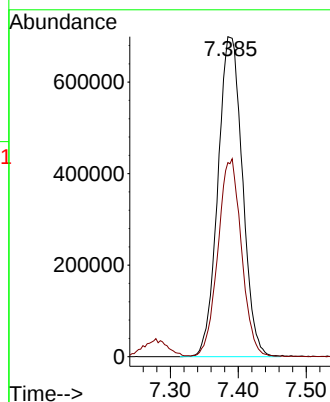
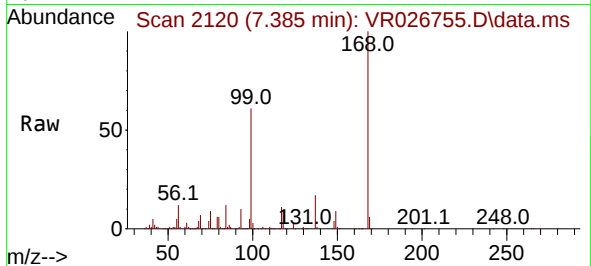




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.385 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VR026755.D
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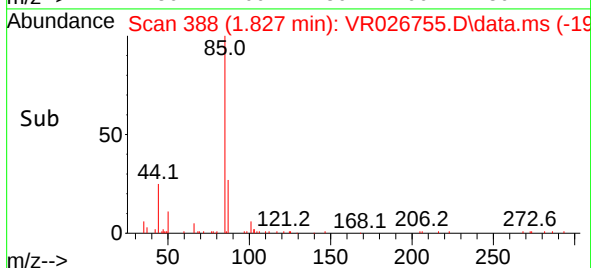
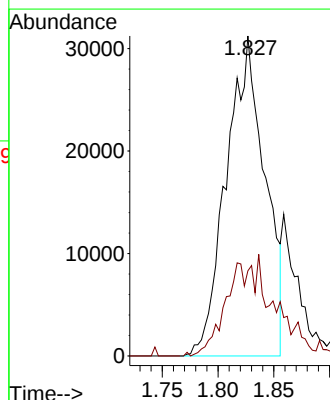
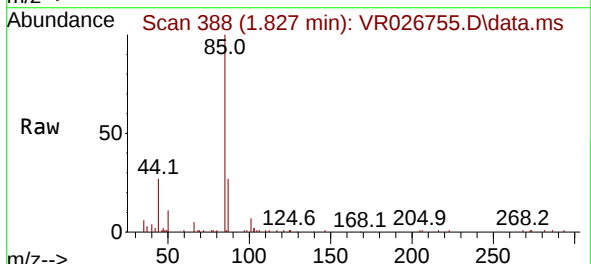
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

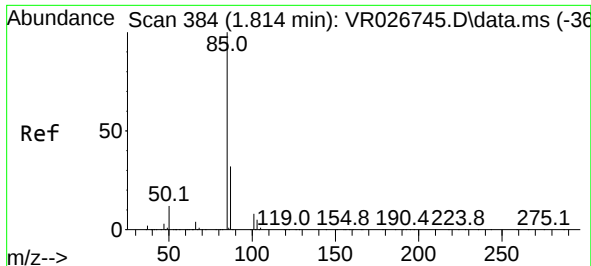
Tgt Ion:168 Resp: 1755221
Ion Ratio Lower Upper
168 100
99 60.5 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 4.519 ug/l
RT: 1.827 min Scan# 388
Delta R.T. 0.013 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 85 Resp: 74958
Ion Ratio Lower Upper
85 100
87 26.6 16.1 48.2





#3

Chloromethane

Concen: 4.707 ug/l

RT: 1.820 min Scan# 31

Delta R.T. 0.006 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

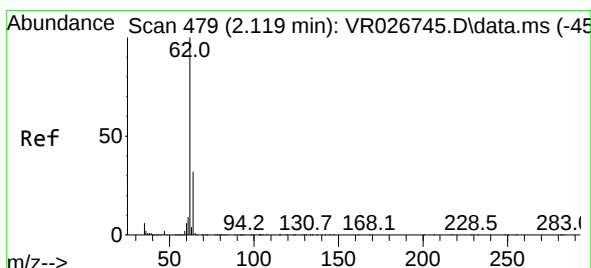
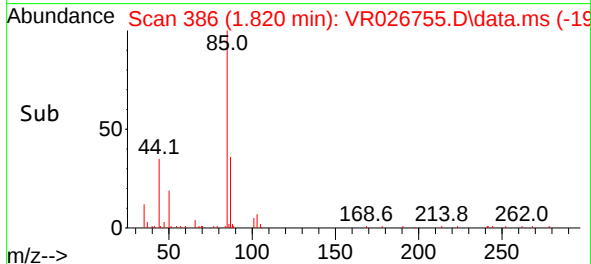
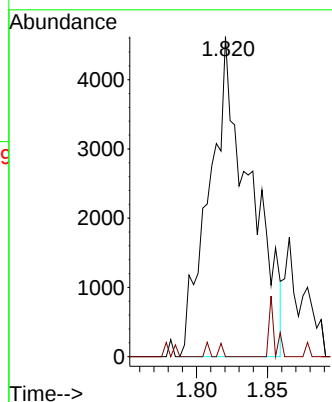
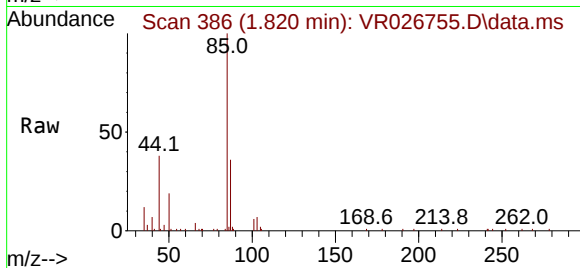
LOQ-WATER-02-QT3-2025

Tgt Ion: 50 Resp: 9288

Ion Ratio Lower Upper

50 100

52 0.0 0.6 1.0#



#4

Vinyl Chloride

Concen: 5.265 ug/l

RT: 2.128 min Scan# 482

Delta R.T. 0.009 min

Lab File: VR026755.D

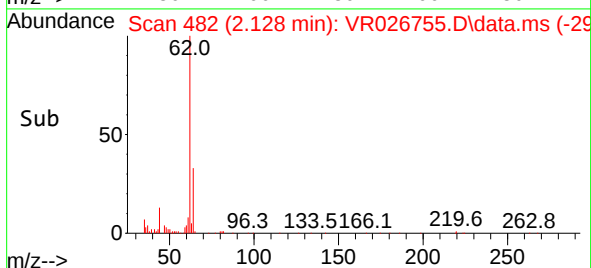
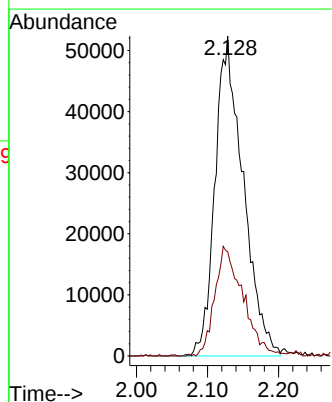
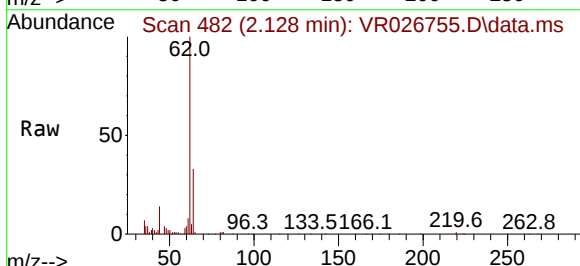
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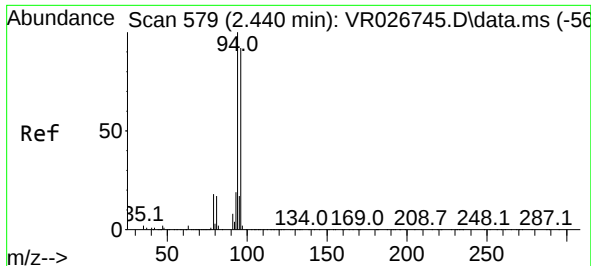
Tgt Ion: 62 Resp: 143682

Ion Ratio Lower Upper

62 100

64 32.6 25.5 38.3

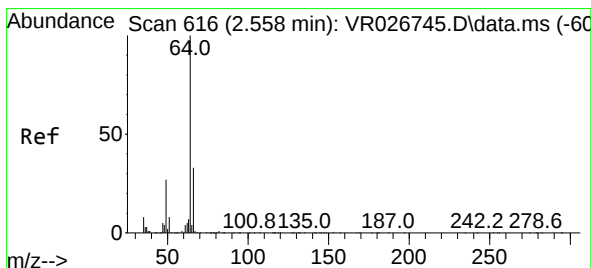
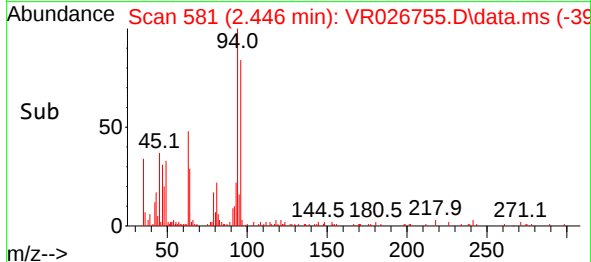
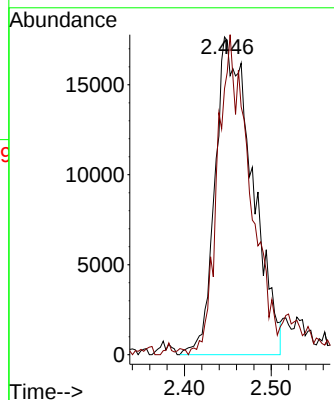
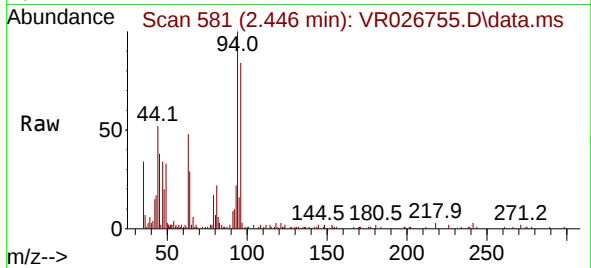




#5
Bromomethane
Concen: 6.220 ug/l
RT: 2.446 min Scan# 51
Delta R.T. 0.006 min
Lab File: VR026755.D
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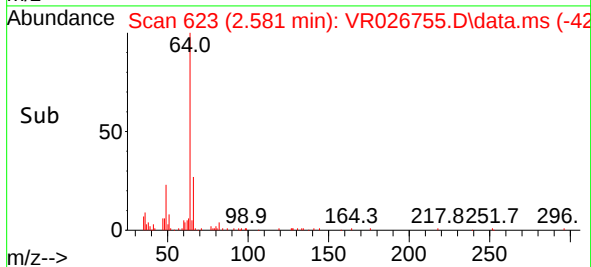
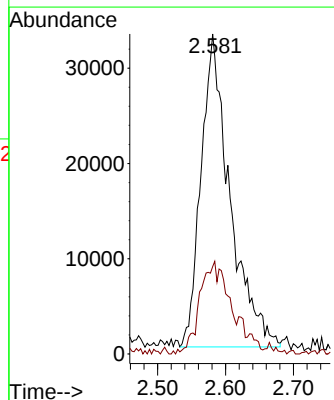
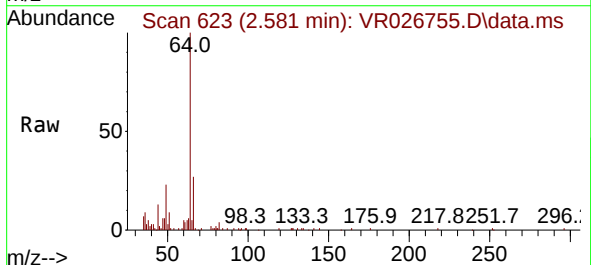
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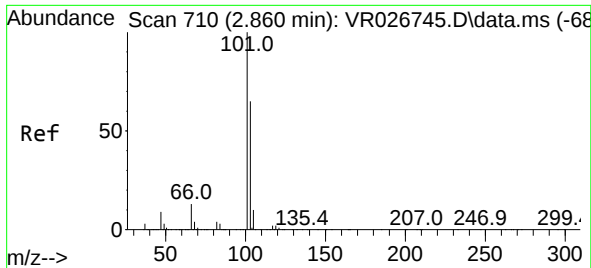
Tgt Ion: 94 Resp: 52118
Ion Ratio Lower Upper
94 100
96 81.9 73.8 110.6



#6
Chloroethane
Concen: 6.252 ug/l
RT: 2.581 min Scan# 623
Delta R.T. 0.023 min
Lab File: VR026755.D
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Tgt Ion: 64 Resp: 97366
Ion Ratio Lower Upper
64 100
66 27.2 26.6 40.0

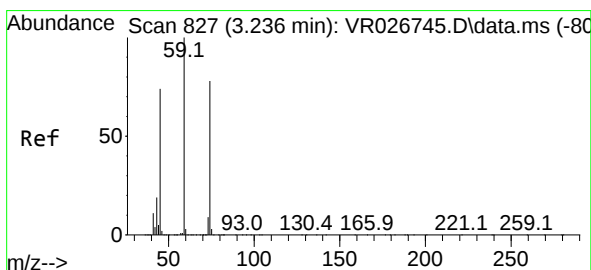
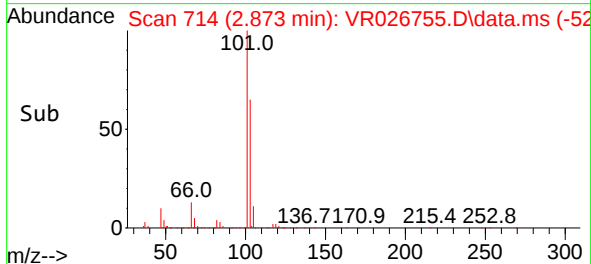
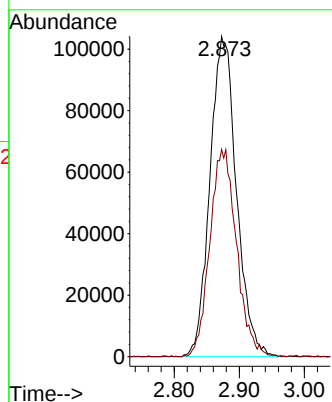
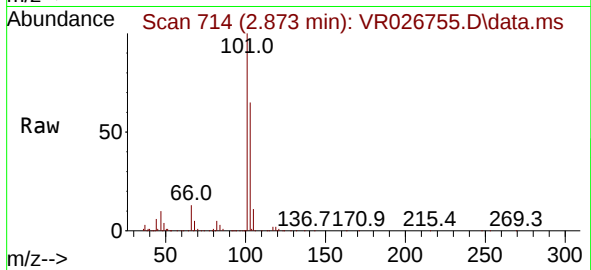




#7
 Trichlorofluoromethane
 Concen: 5.567 ug/l
 RT: 2.873 min Scan# 710
 Delta R.T. 0.013 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

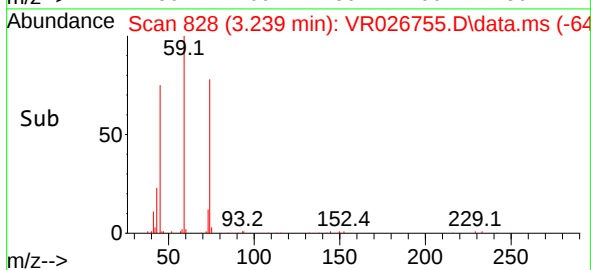
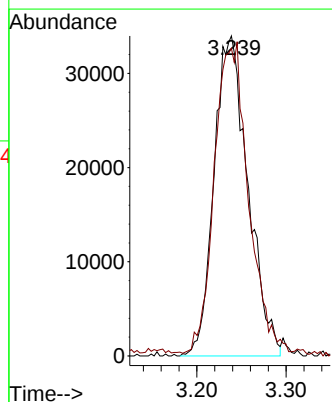
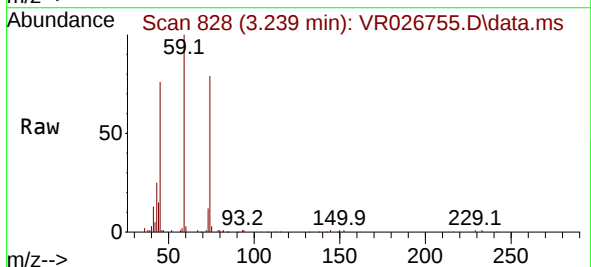
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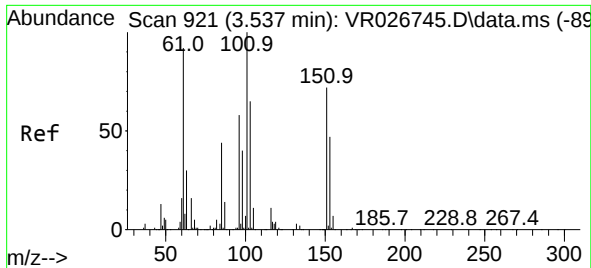
Tgt Ion:101 Resp: 294501
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.8



#8
 Diethyl Ether
 Concen: 5.314 ug/l
 RT: 3.239 min Scan# 828
 Delta R.T. 0.003 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

Tgt Ion: 74 Resp: 89939
 Ion Ratio Lower Upper
 74 100
 45 97.0 47.5 142.6

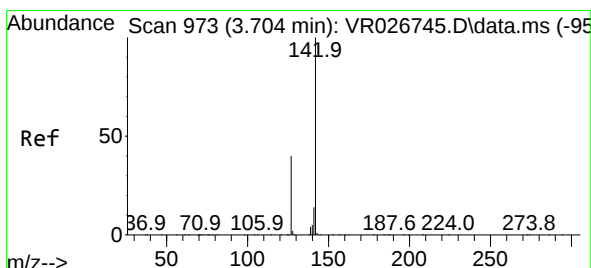
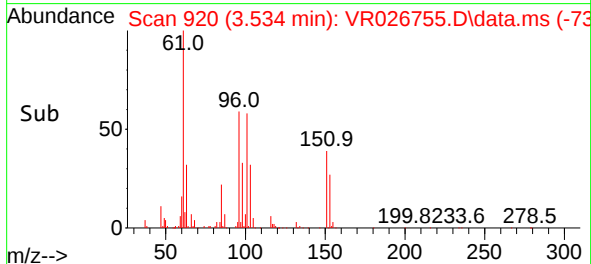
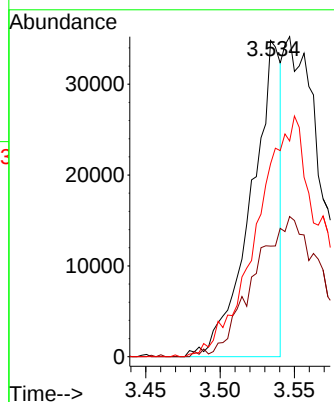
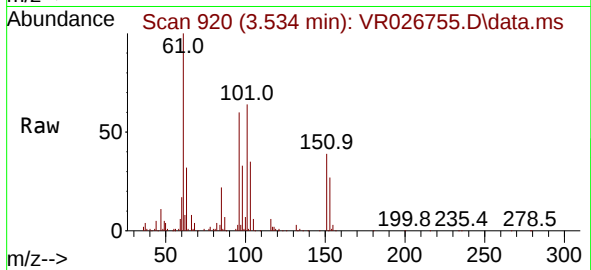




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.290 ug/l
RT: 3.534 min Scan# 91
Delta R.T. -0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

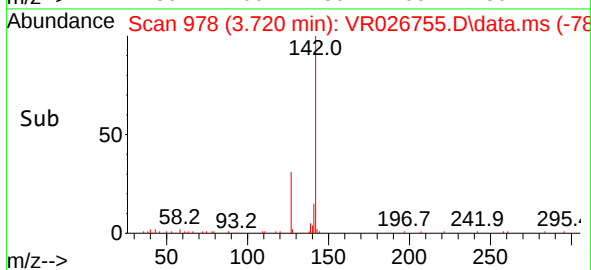
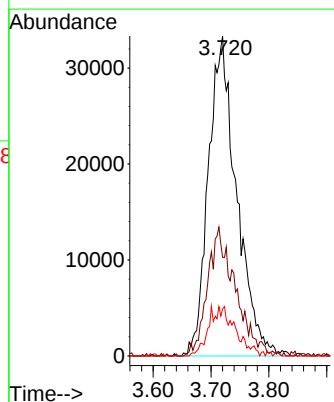
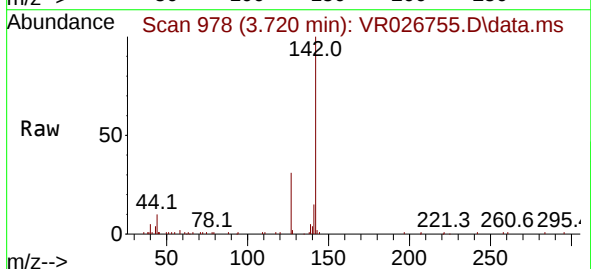
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

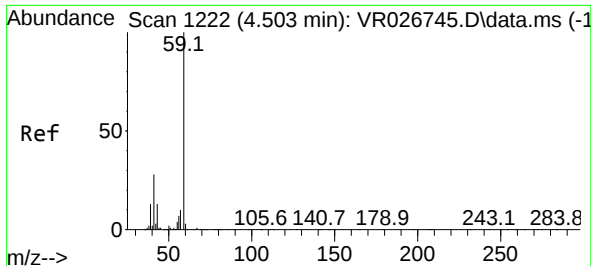
Tgt Ion:101 Resp: 48403
Ion Ratio Lower Upper
101 100
85 98.7 35.4 53.0#
151 167.6 57.2 85.8#



#10
Methyl Iodide
Concen: 5.020 ug/l
RT: 3.720 min Scan# 978
Delta R.T. 0.016 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:142 Resp: 112785
Ion Ratio Lower Upper
142 100
127 27.5 31.0 46.4#
141 5.2 10.9 16.3#

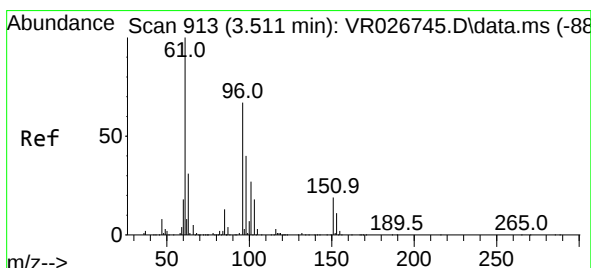
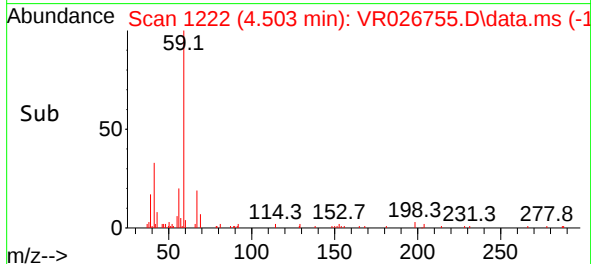
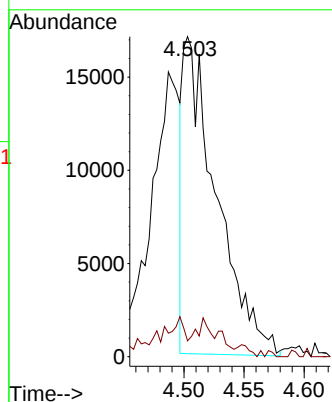
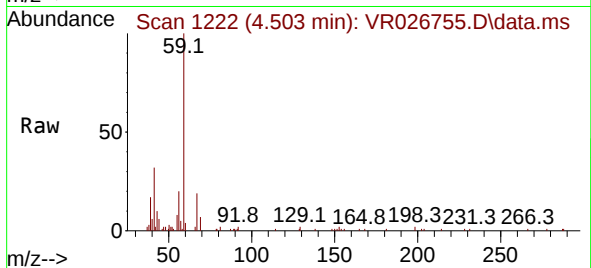




#11
Tert butyl alcohol
Concen: 9.715 ug/l
RT: 4.503 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

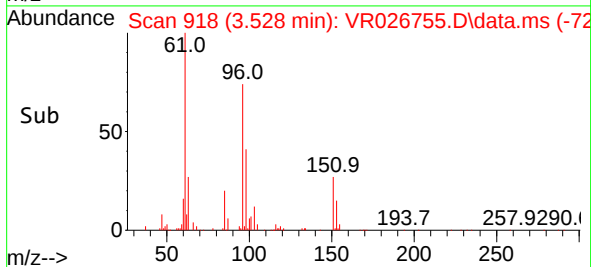
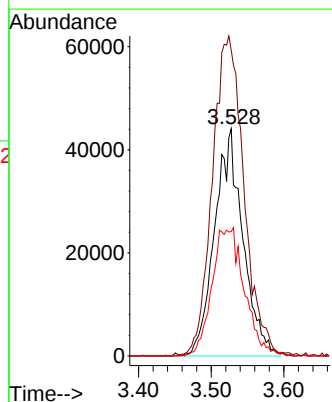
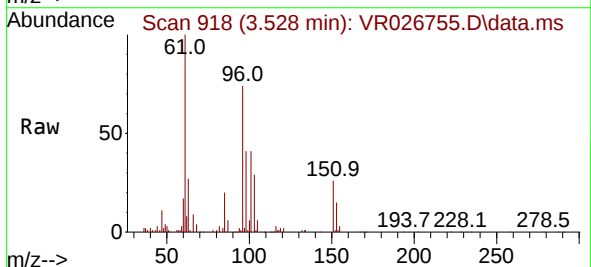
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

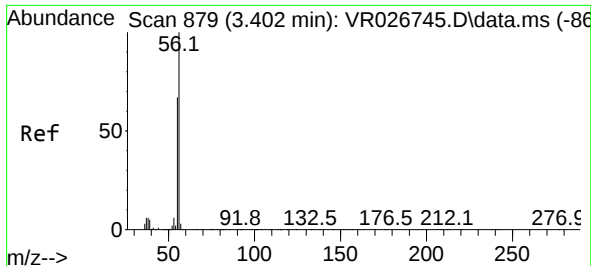
Tgt Ion: 59 Resp: 32921
Ion Ratio Lower Upper
59 100
57 0.0 3.8 5.8#



#12
1,1-Dichloroethene
Concen: 5.197 ug/l
RT: 3.528 min Scan# 918
Delta R.T. 0.016 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 96 Resp: 119215
Ion Ratio Lower Upper
96 100
61 133.9 118.7 178.1
98 54.7 47.7 71.5

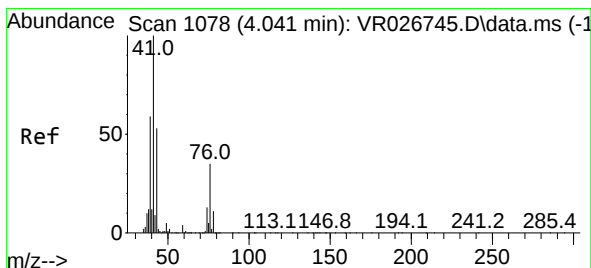
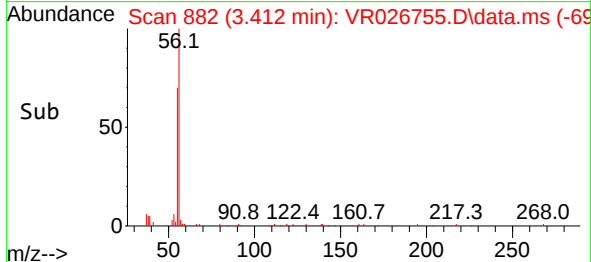
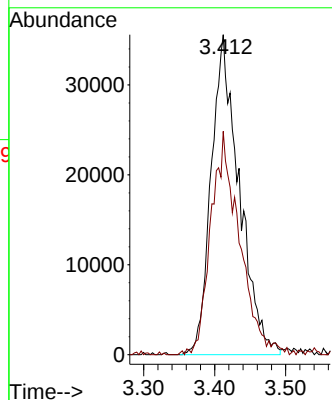
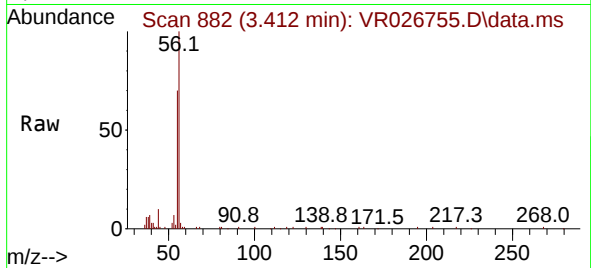




#13
Acrolein
Concen: 41.564 ug/l
RT: 3.412 min Scan# 81
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

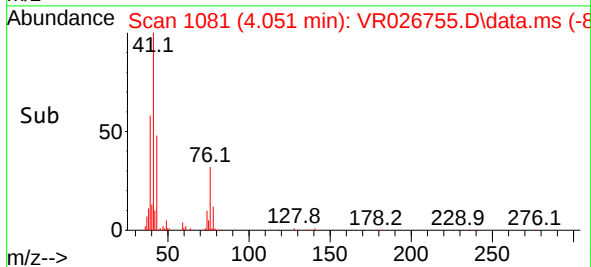
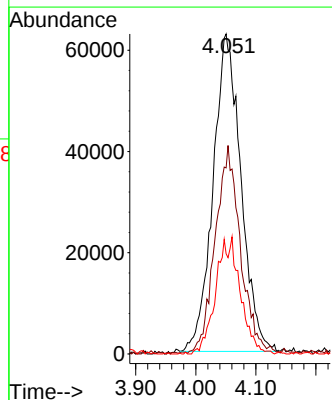
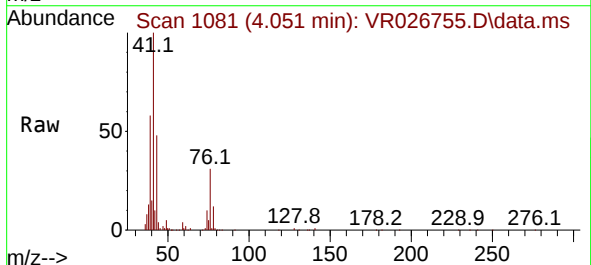
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

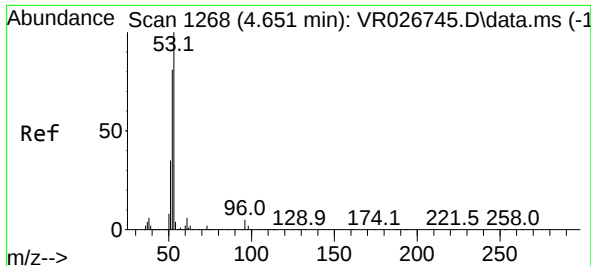
Tgt Ion: 56 Resp: 97349
Ion Ratio Lower Upper
56 100
55 70.3 56.9 85.3



#14
Allyl chloride
Concen: 4.781 ug/l
RT: 4.051 min Scan# 1081
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 41 Resp: 202142
Ion Ratio Lower Upper
41 100
39 58.5 45.8 68.6
76 17.1 26.4 39.6#

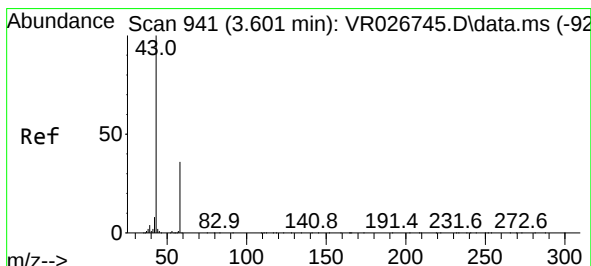
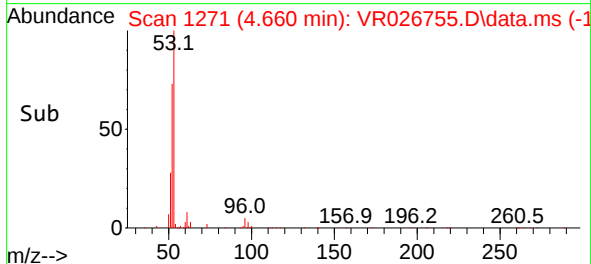
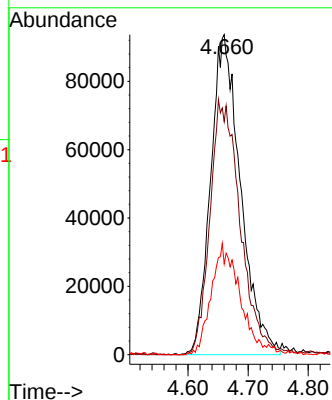
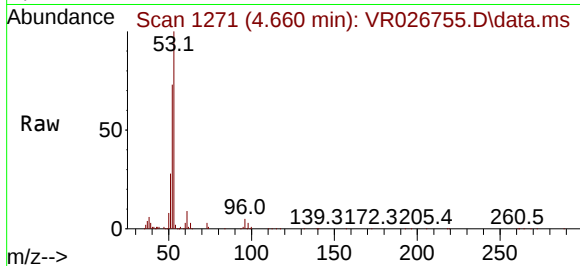




#15
Acrylonitrile
Concen: 22.362 ug/l
RT: 4.660 min Scan# 11
Delta R.T. 0.009 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

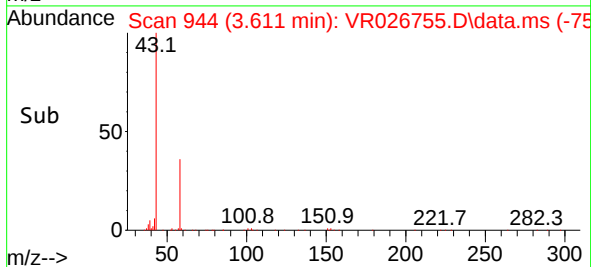
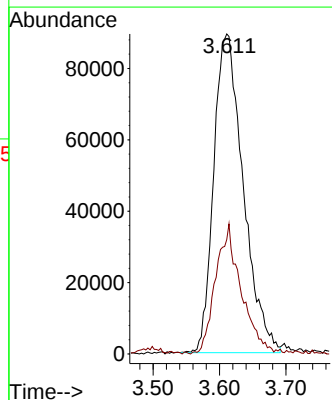
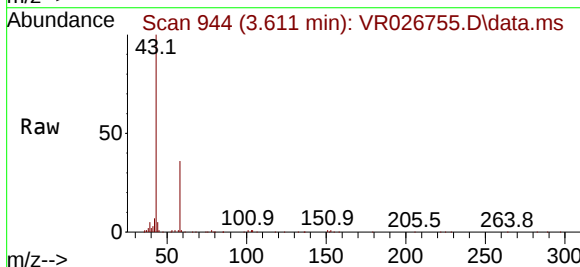
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

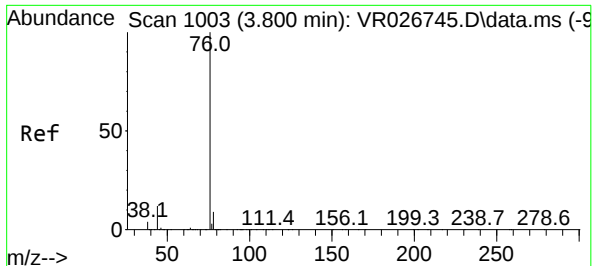
Tgt Ion: 53 Resp: 324078
Ion Ratio Lower Upper
53 100
52 80.0 65.7 98.5
51 32.7 28.4 42.6



#16
Acetone
Concen: 23.612 ug/l
RT: 3.611 min Scan# 944
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 43 Resp: 275492
Ion Ratio Lower Upper
43 100
58 35.5 28.6 43.0

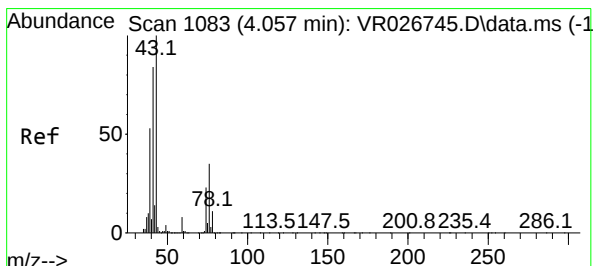
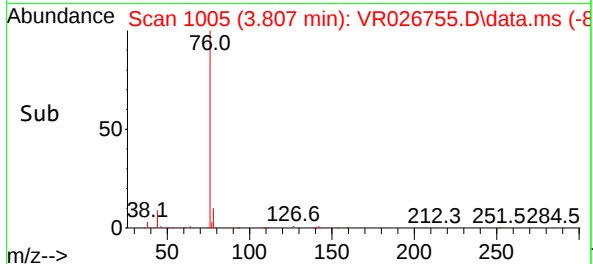
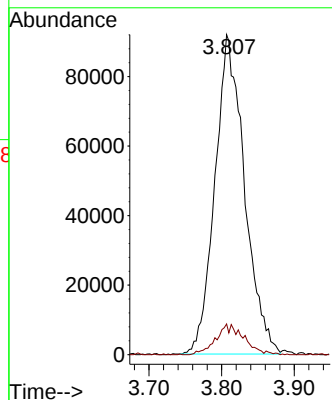
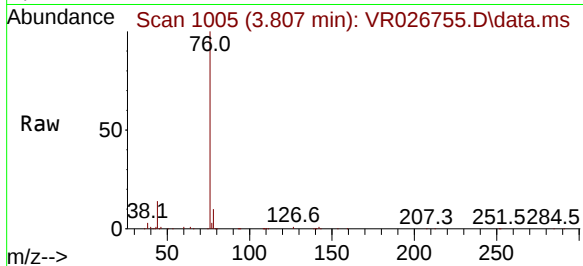




#17
Carbon Disulfide
Concen: 4.663 ug/l
RT: 3.807 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

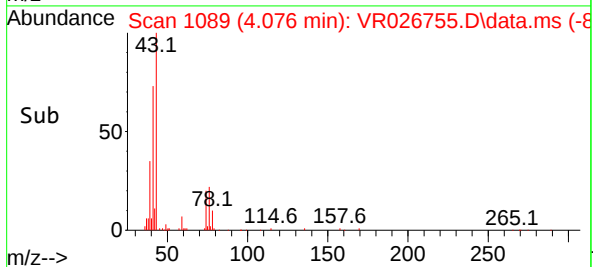
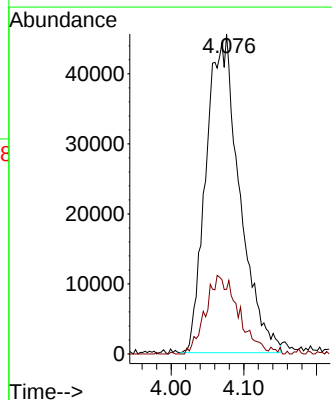
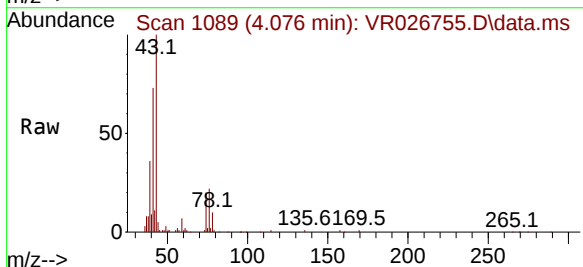
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

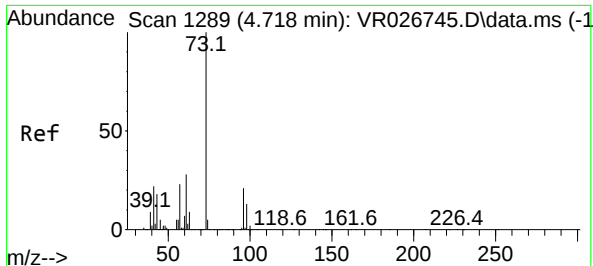
Tgt Ion: 76 Resp: 259832
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 4.278 ug/l
RT: 4.076 min Scan# 1089
Delta R.T. 0.019 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 43 Resp: 145418
Ion Ratio Lower Upper
43 100
74 24.0 19.1 28.7

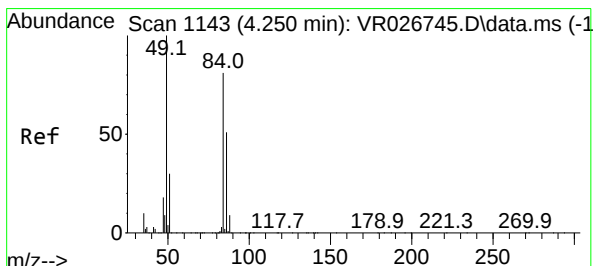
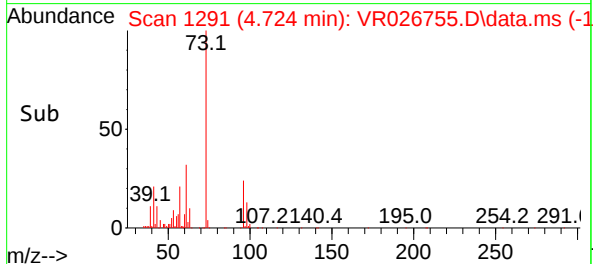
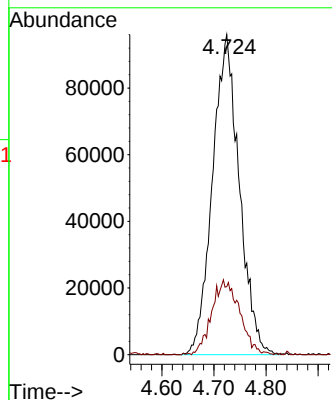
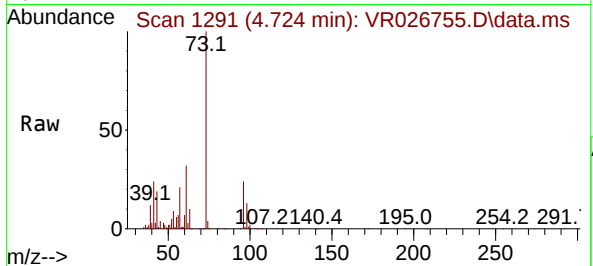




#19
Methyl tert-butyl Ether
Concen: 4.709 ug/l
RT: 4.724 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

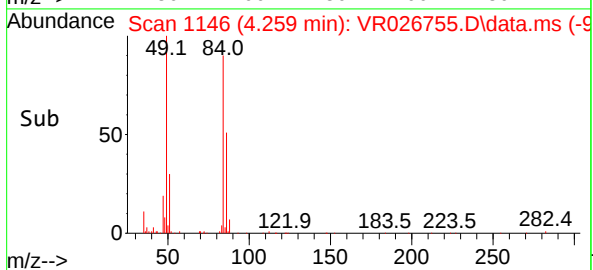
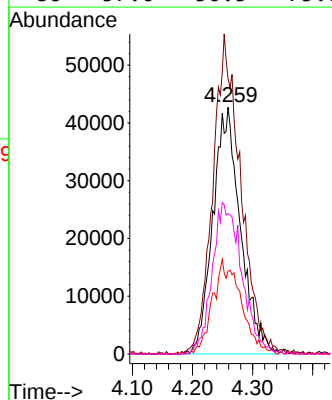
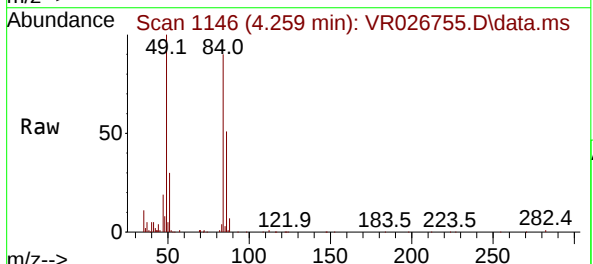
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

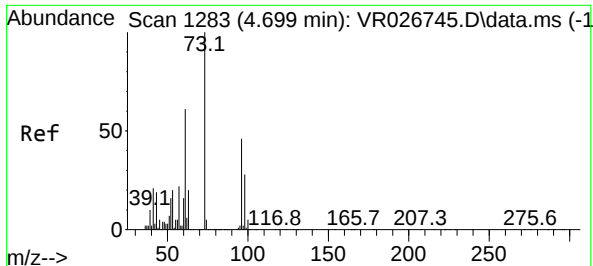
Tgt Ion: 73 Resp: 342606
Ion Ratio Lower Upper
73 100
57 21.3 18.2 27.2



#20
Methylene Chloride
Concen: 5.478 ug/l
RT: 4.259 min Scan# 1146
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 84 Resp: 136335
Ion Ratio Lower Upper
84 100
49 111.7 98.8 148.2
51 33.6 29.4 44.2
86 57.0 50.5 75.7

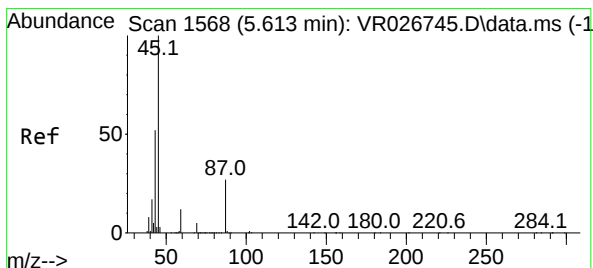
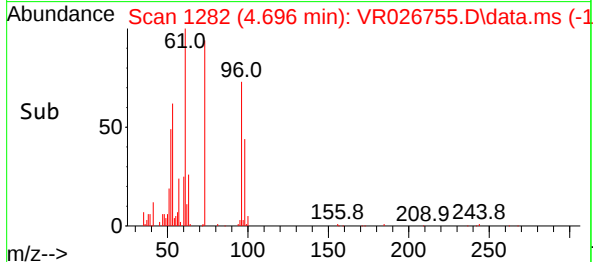
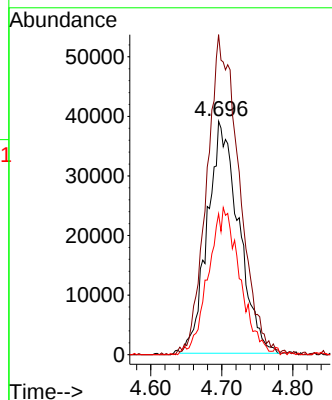
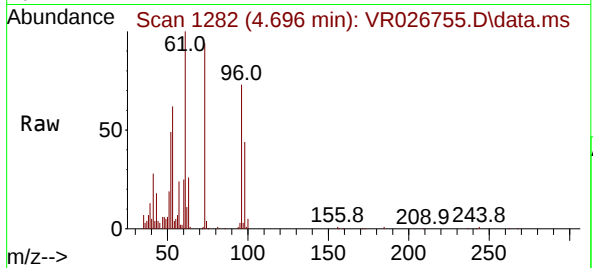




#21
trans-1,2-Dichloroethene
Concen: 4.974 ug/l
RT: 4.696 min Scan# 119308
Delta R.T. -0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

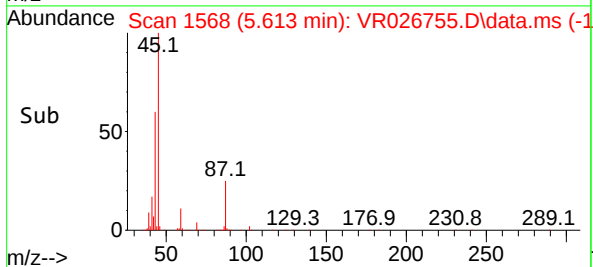
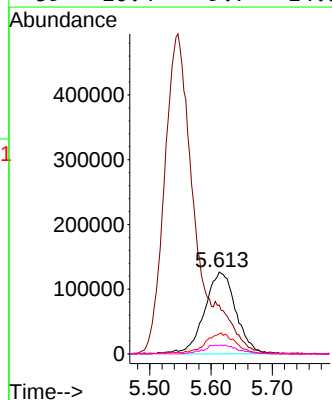
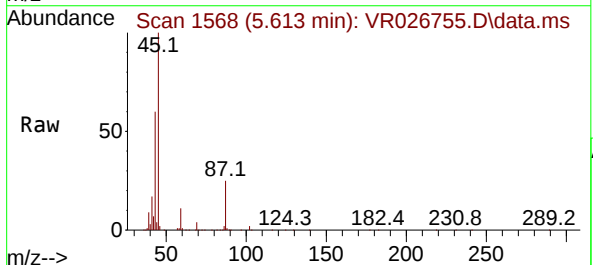
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

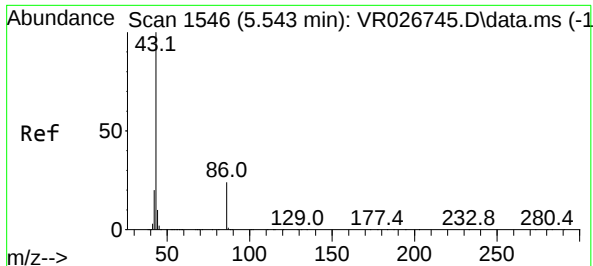
Tgt Ion: 96 Resp: 119308
Ion Ratio Lower Upper
96 100
61 137.0 107.1 160.7
98 60.7 49.7 74.5



#22
Diisopropyl ether
Concen: 5.079 ug/l
RT: 5.613 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 45 Resp: 441738
Ion Ratio Lower Upper
45 100
43 59.3 41.8 62.8
87 24.5 21.7 32.5
59 10.4 9.7 14.5

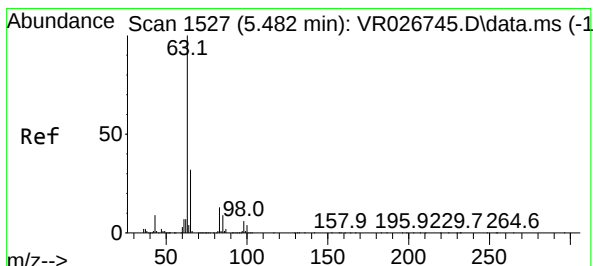
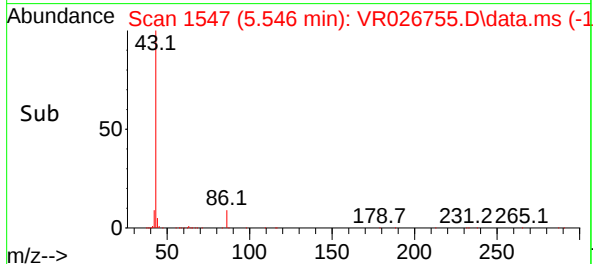
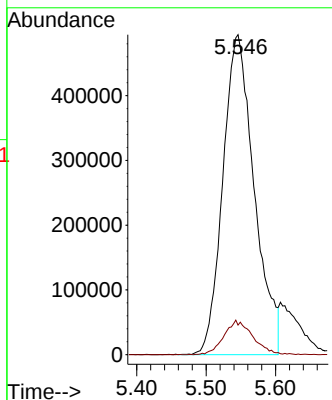
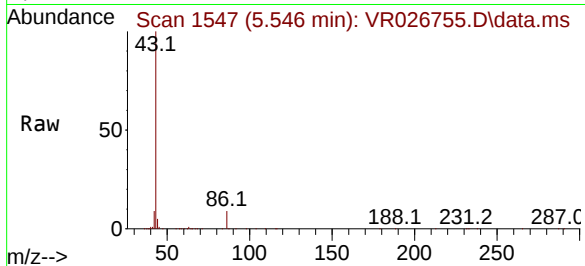




#23
 Vinyl Acetate
 Concen: 26.924 ug/l
 RT: 5.546 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

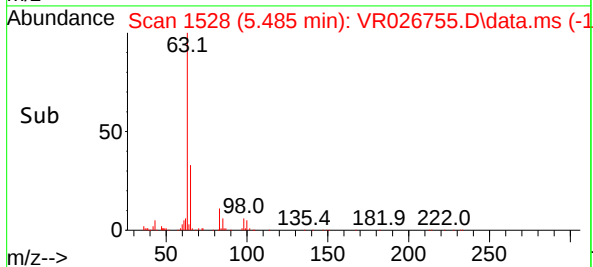
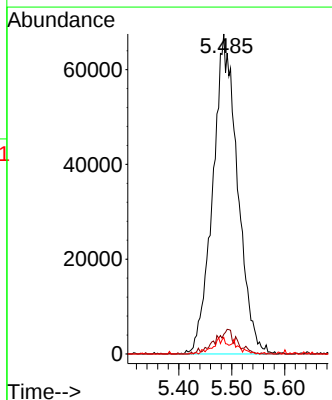
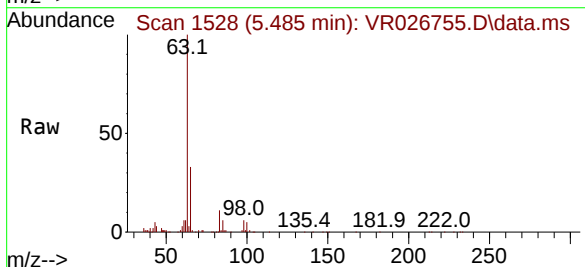
Instrument :
 MSVOA_R
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

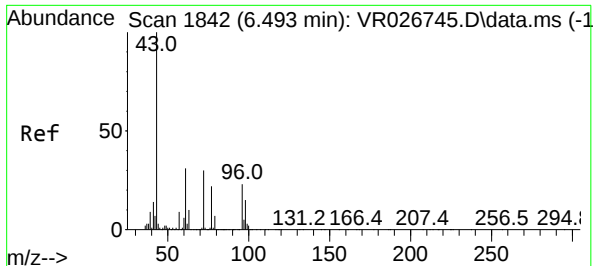
Tgt Ion: 43 Resp: 1553162
 Ion Ratio Lower Upper
 43 100
 86 9.2 18.9 28.3#



#24
 1,1-Dichloroethane
 Concen: 5.141 ug/l
 RT: 5.485 min Scan# 1528
 Delta R.T. 0.003 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

Tgt Ion: 63 Resp: 220061
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 5.2 2.1 6.2





#25

2-Butanone

Concen: 21.406 ug/l

RT: 6.496 min Scan# 1842

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

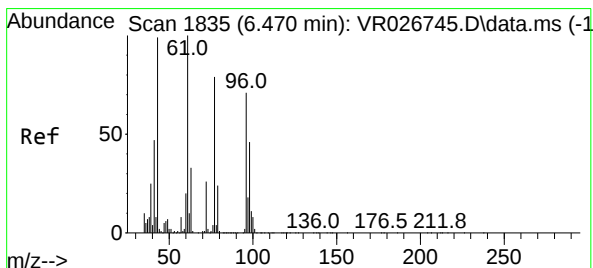
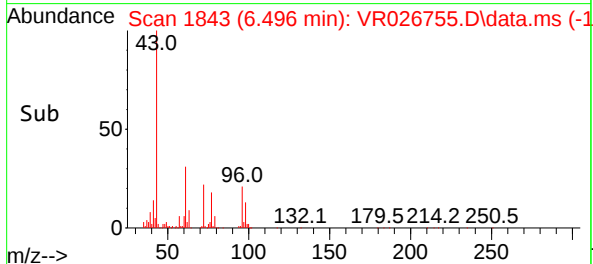
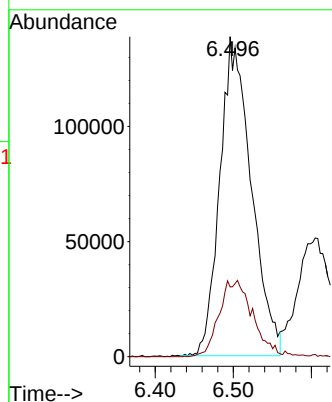
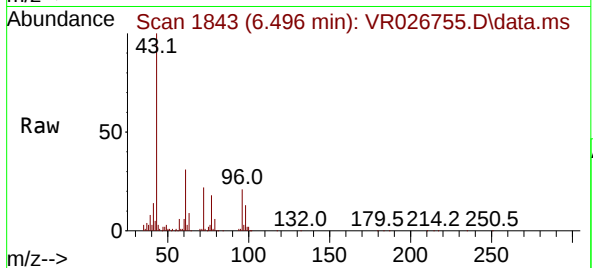
LOQ-WATER-02-QT3-2025

Tgt Ion: 43 Resp: 387787

Ion Ratio Lower Upper

43 100

72 21.9 23.8 35.8#



#26

2,2-Dichloropropane

Concen: 4.352 ug/l

RT: 6.476 min Scan# 1837

Delta R.T. 0.006 min

Lab File: VR026755.D

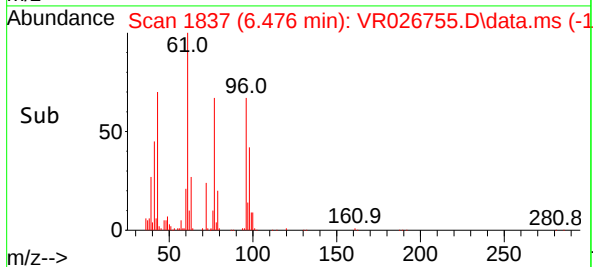
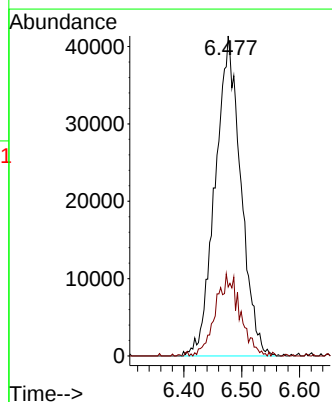
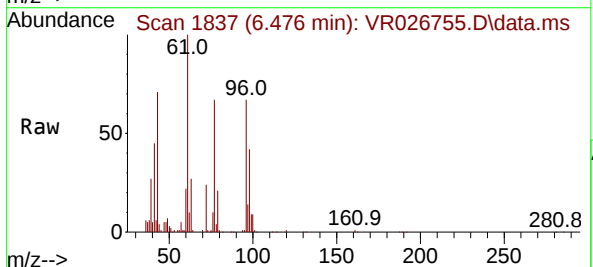
Acq: 21 Aug 2025 14:15

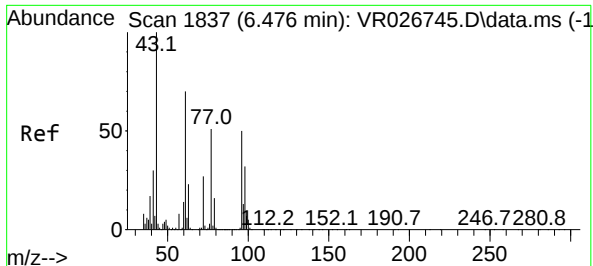
Tgt Ion: 77 Resp: 127615

Ion Ratio Lower Upper

77 100

97 24.4 11.7 35.1

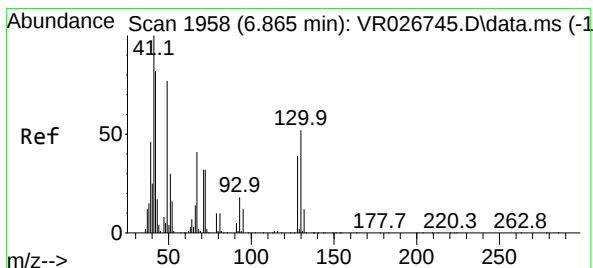
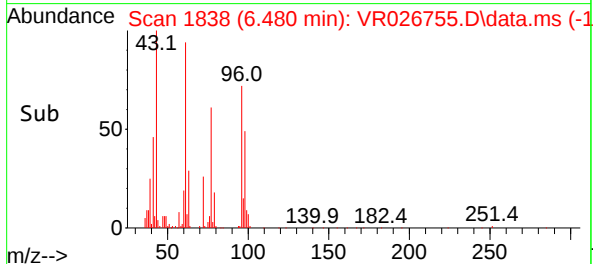
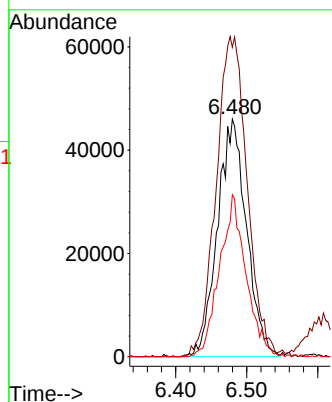
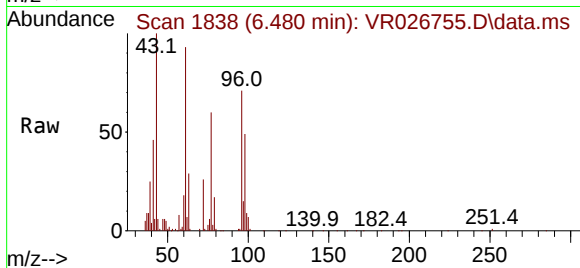




#27
 cis-1,2-Dichloroethene
 Concen: 4.806 ug/l
 RT: 6.480 min Scan# 1837
 Delta R.T. 0.004 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

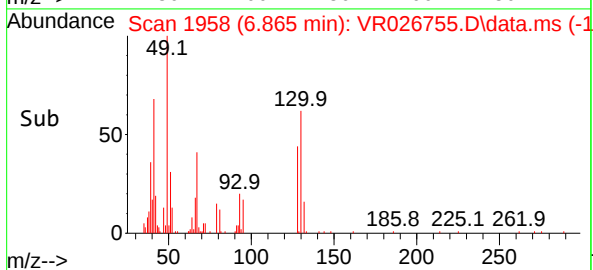
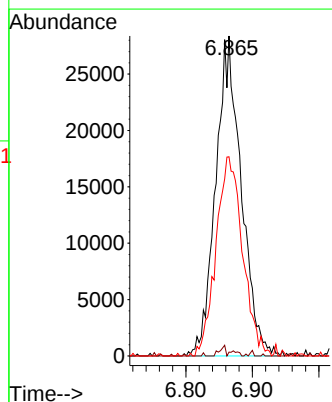
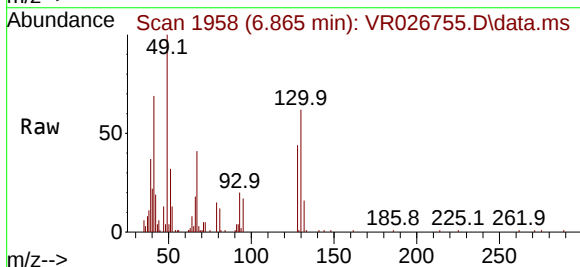
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT3-2025

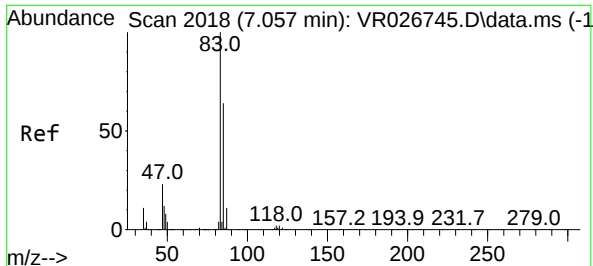
Tgt Ion: 96 Resp: 130479
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 280.6
 98 62.2 0.0 127.6



#28
 Bromochloromethane
 Concen: 5.977 ug/l
 RT: 6.865 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

Tgt Ion: 49 Resp: 75715
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 1.6
 130 64.9 53.4 80.2





#29

Chloroform

Concen: 4.996 ug/l

RT: 7.061 min Scan# 2018

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

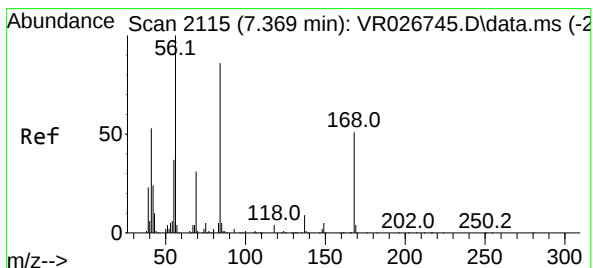
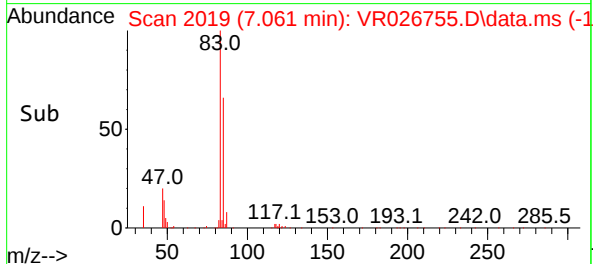
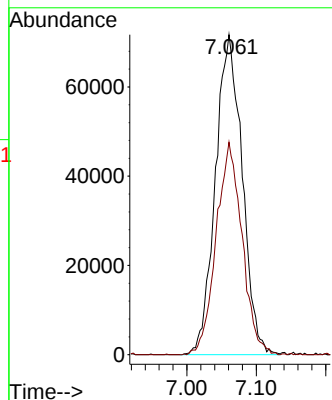
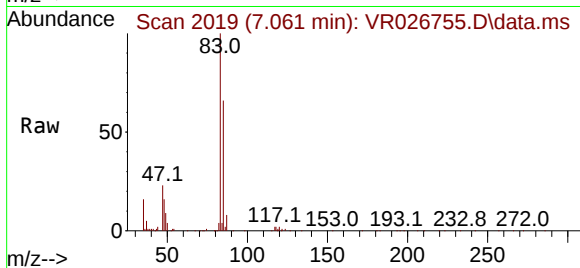
LOQ-WATER-02-QT3-2025

Tgt Ion: 83 Resp: 192134

Ion Ratio Lower Upper

83 100

85 66.4 51.5 77.3



#30

Cyclohexane

Concen: 5.761 ug/l

RT: 7.381 min Scan# 2119

Delta R.T. 0.013 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

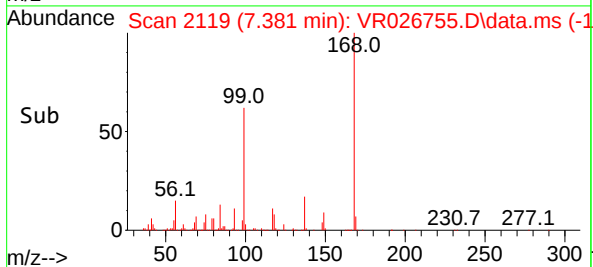
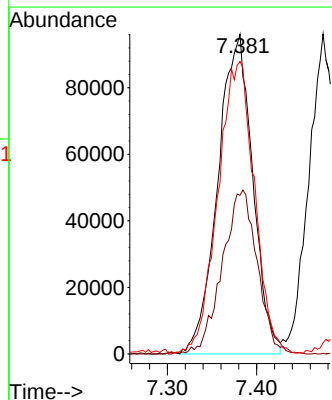
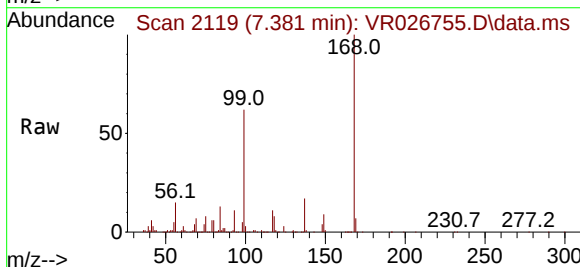
Tgt Ion: 56 Resp: 260027

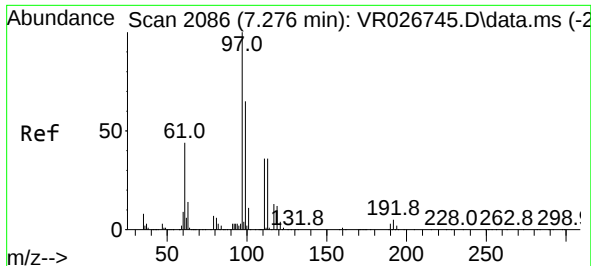
Ion Ratio Lower Upper

56 100

69 49.4 24.6 37.0#

84 90.8 68.7 103.1

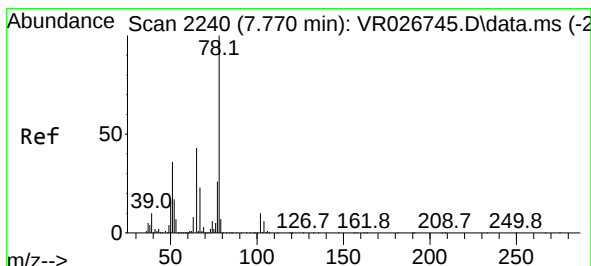
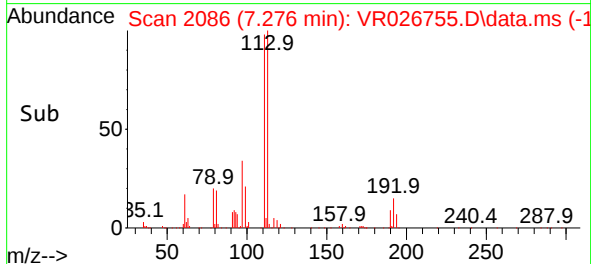
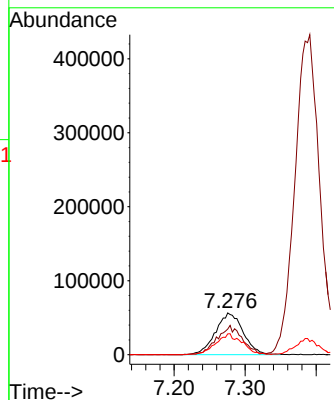
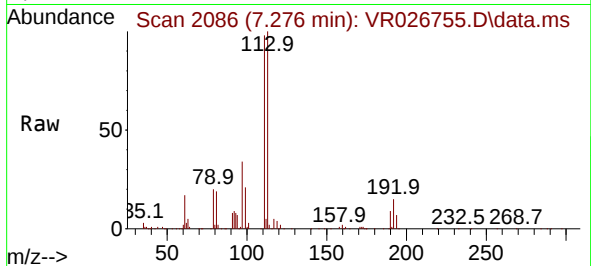




#31
 1,1,1-Trichloroethane
 Concen: 4.886 ug/l
 RT: 7.276 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

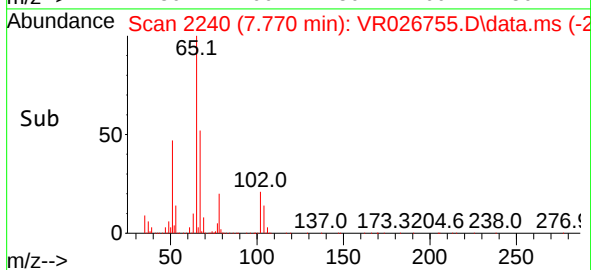
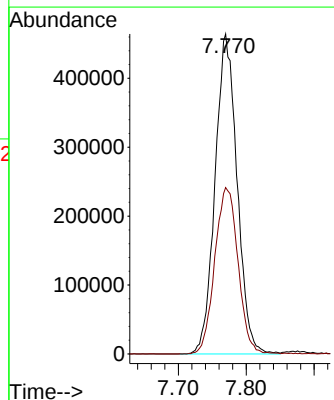
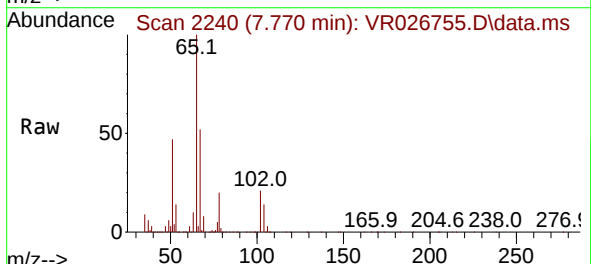
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT3-2025

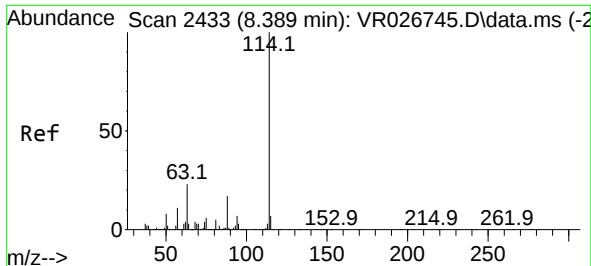
Tgt Ion:	97	Resp:	152560
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	47.8	35.0	52.4



#32
 1,2-Dichloroethane-d4
 Concen: 47.403 ug/l
 RT: 7.770 min Scan# 2240
 Delta R.T. 0.000 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

Tgt Ion:	65	Resp:	1044877
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.392 min Scan# 2434

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

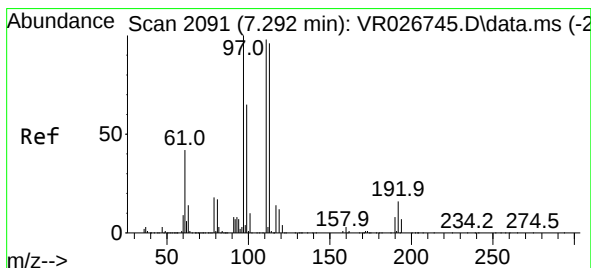
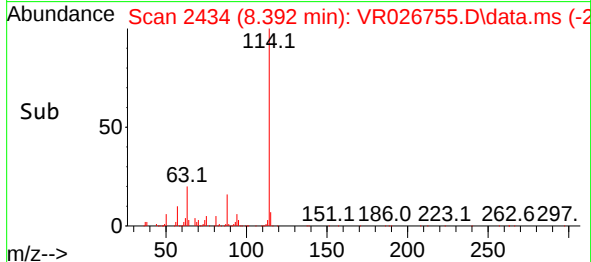
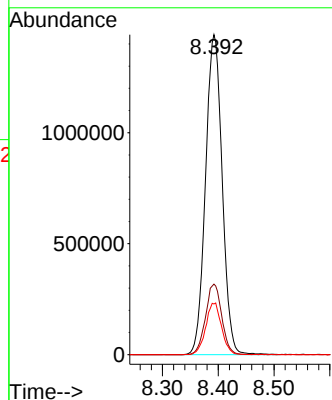
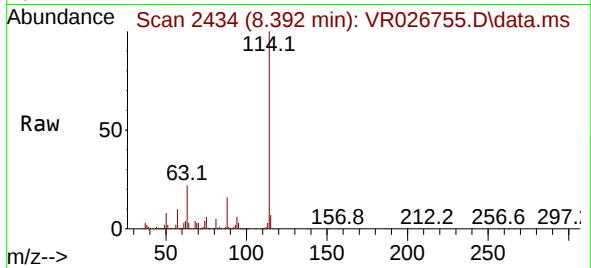
Tgt Ion:114 Resp: 2991043

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.8

88 15.9 0.0 34.8



#34

Dibromofluoromethane

Concen: 45.374 ug/l

RT: 7.295 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

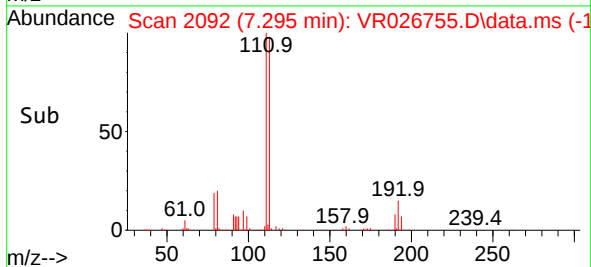
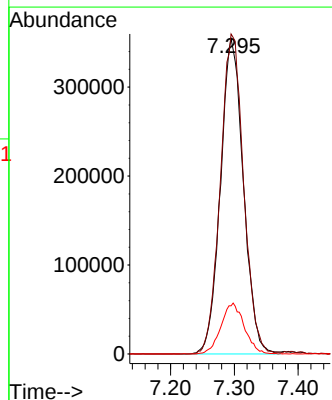
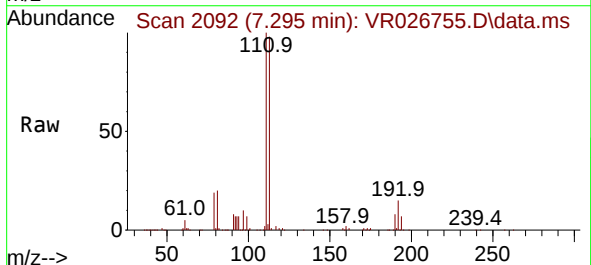
Tgt Ion:113 Resp: 885164

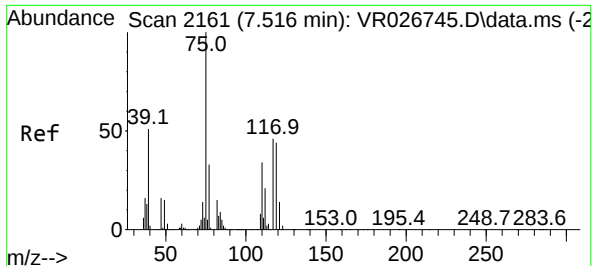
Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 16.4 12.9 19.3

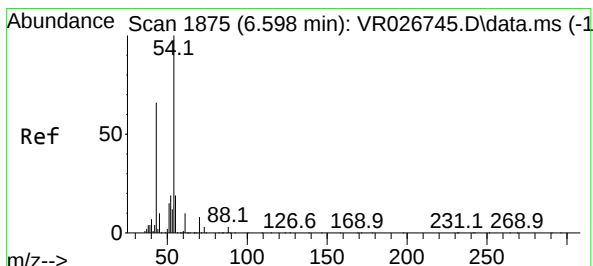
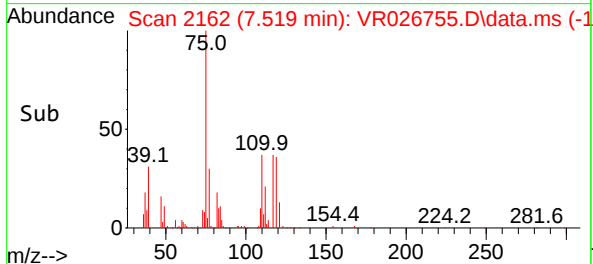
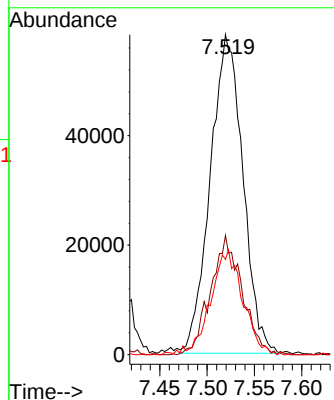
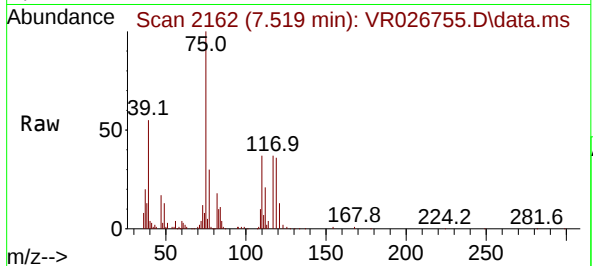




#35
1,1-Dichloropropene
Concen: 4.582 ug/l
RT: 7.519 min Scan# 2161
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

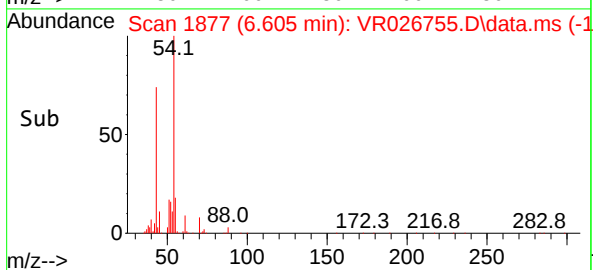
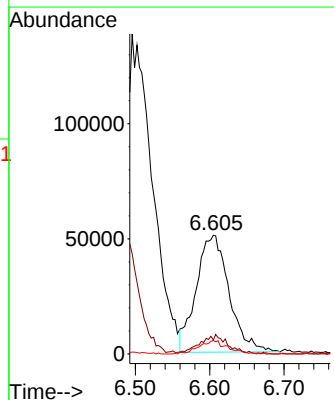
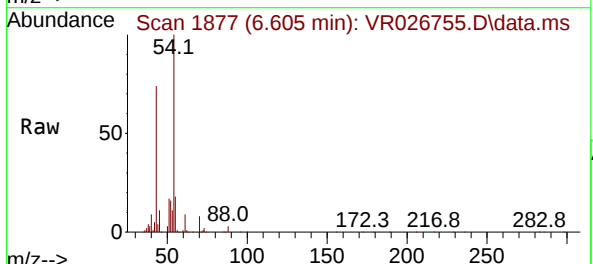
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

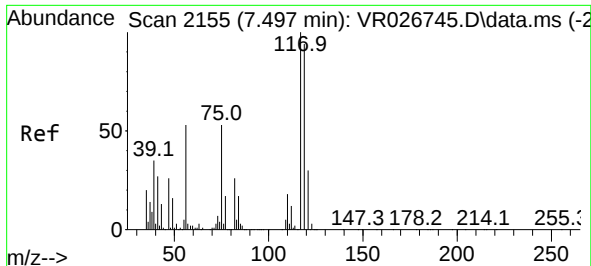
Tgt Ion: 75 Resp: 139185
Ion Ratio Lower Upper
75 100
110 36.0 17.3 52.0
77 31.8 25.1 37.7



#36
Ethyl Acetate
Concen: 4.003 ug/l
RT: 6.605 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 43 Resp: 155576
Ion Ratio Lower Upper
43 100
61 12.7 11.4 17.2
70 9.8 8.4 12.6

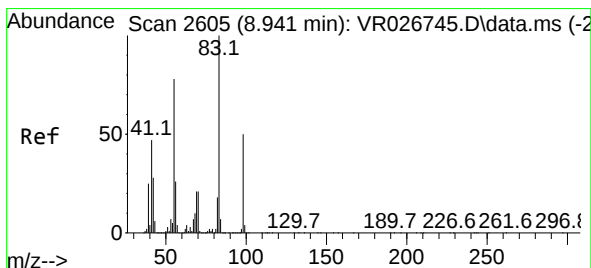
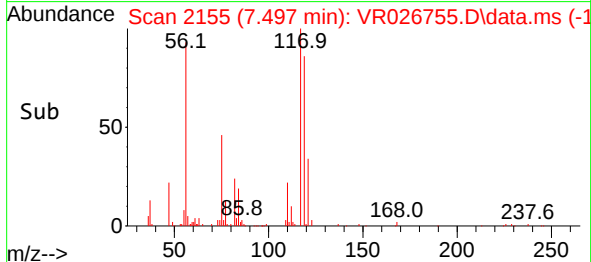
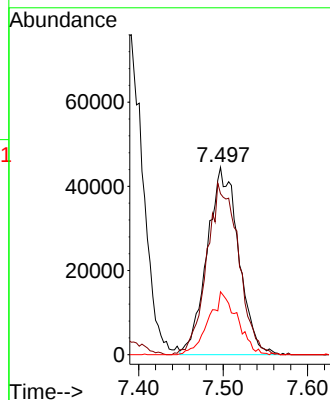
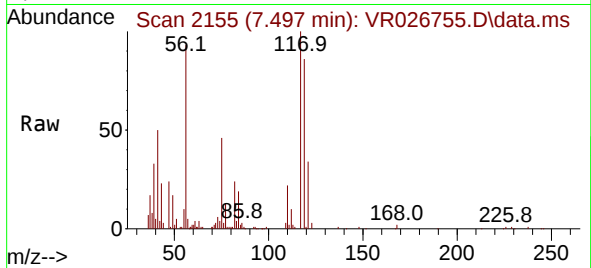




#37
Carbon Tetrachloride
Concen: 4.224 ug/l
RT: 7.497 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

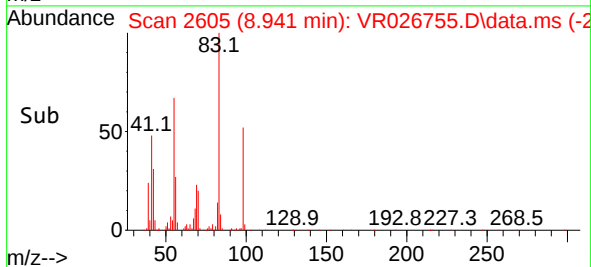
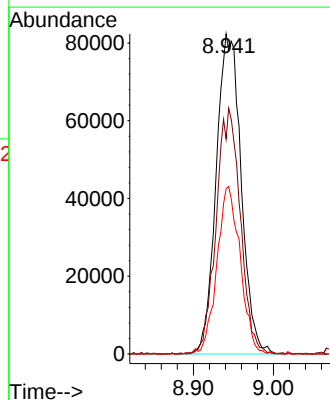
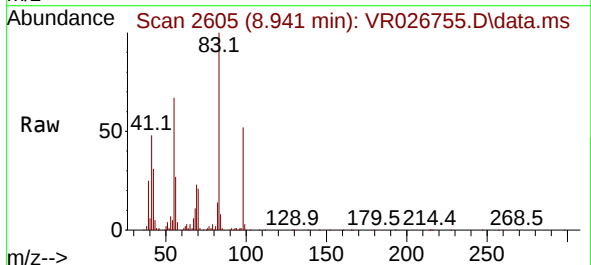
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

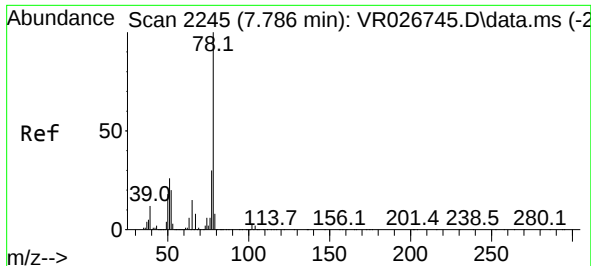
Tgt Ion:	117	Resp:	115478
Ion	Ratio	Lower	Upper
117	100		
119	85.9	75.1	112.7
121	33.5	24.2	36.2



#38
Methylcyclohexane
Concen: 4.670 ug/l
RT: 8.941 min Scan# 2605
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:	83	Resp:	177542
Ion	Ratio	Lower	Upper
83	100		
55	67.2	62.6	94.0
98	51.4	39.9	59.9

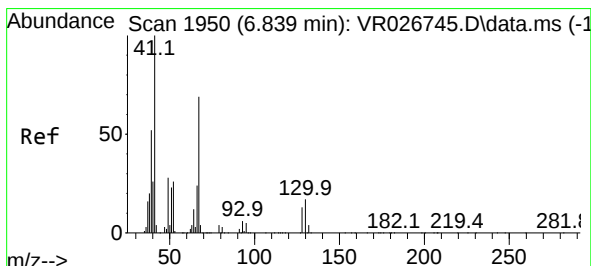
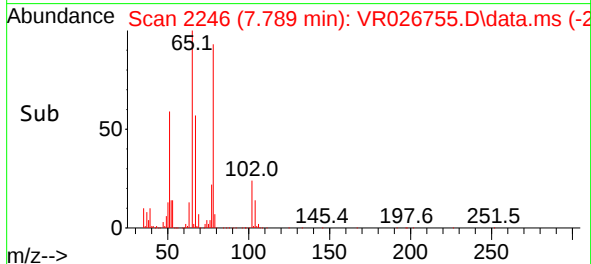
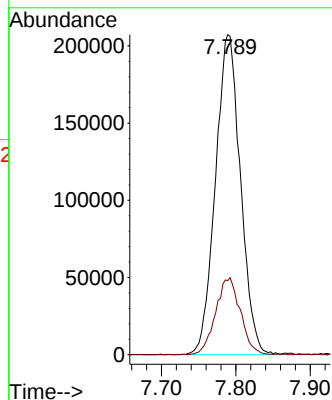
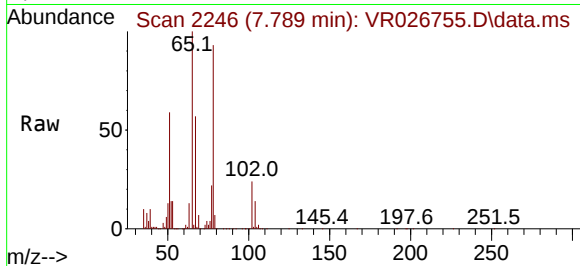




#39
Benzene
Concen: 5.199 ug/l
RT: 7.789 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

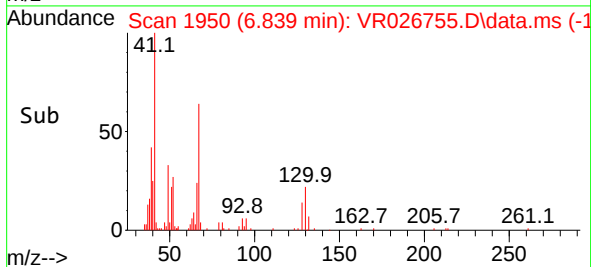
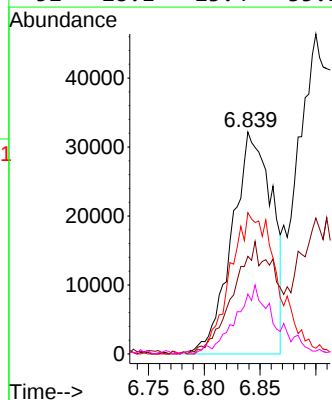
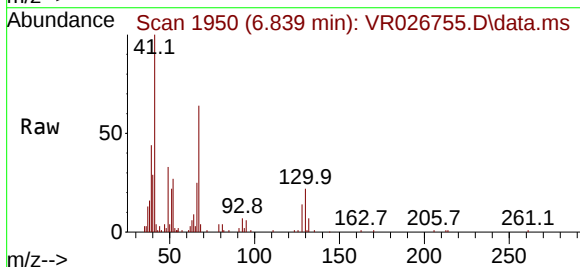
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

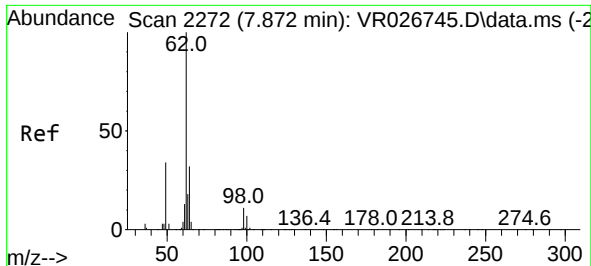
Tgt Ion: 78 Resp: 484905
Ion Ratio Lower Upper
78 100
77 23.2 24.3 36.5#



#40
Methacrylonitrile
Concen: 3.945 ug/l
RT: 6.839 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 41 Resp: 79971
Ion Ratio Lower Upper
41 100
39 36.2 43.0 64.4#
67 76.0 62.6 94.0
52 28.1 23.4 35.2

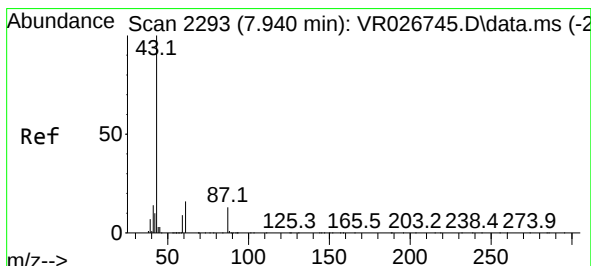
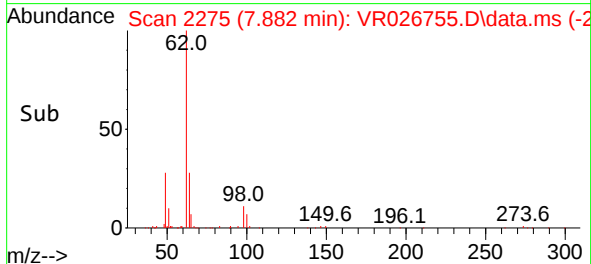
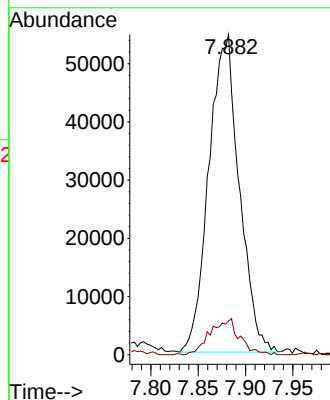
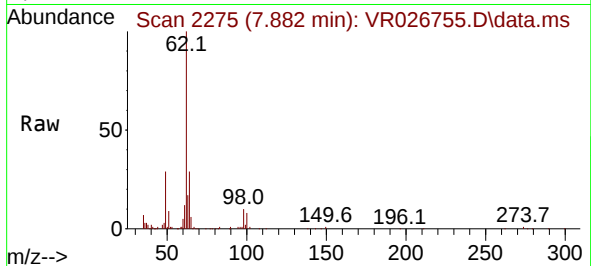




#41
1,2-Dichloroethane
Concen: 4.716 ug/l
RT: 7.882 min Scan# 21
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

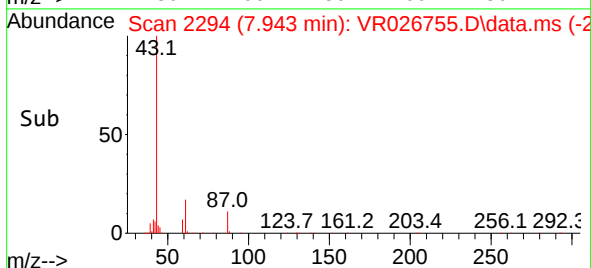
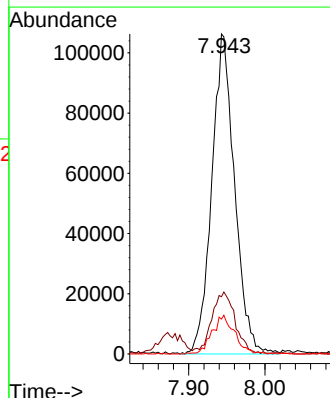
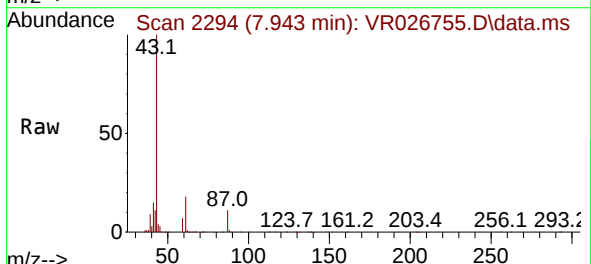
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

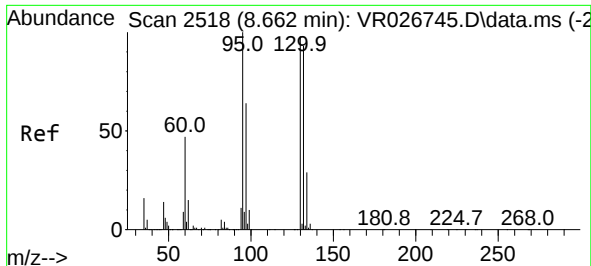
Tgt Ion: 62 Resp: 121958
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.2



#42
Isopropyl Acetate
Concen: 4.019 ug/l
RT: 7.943 min Scan# 2294
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 43 Resp: 221459
Ion Ratio Lower Upper
43 100
61 19.6 16.8 25.2
87 11.8 10.2 15.4

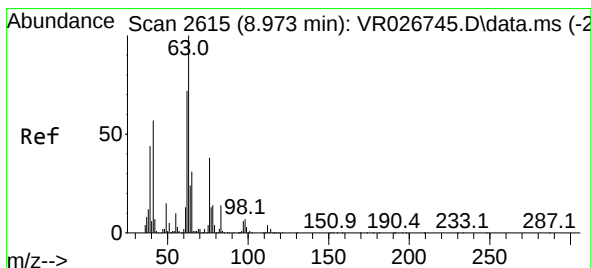
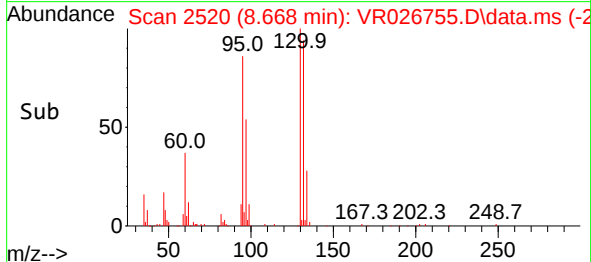
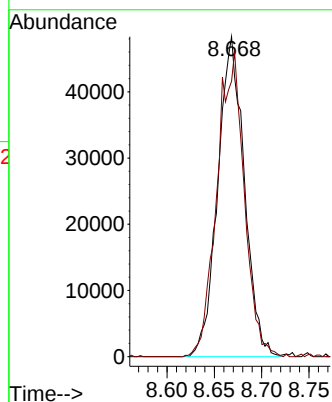
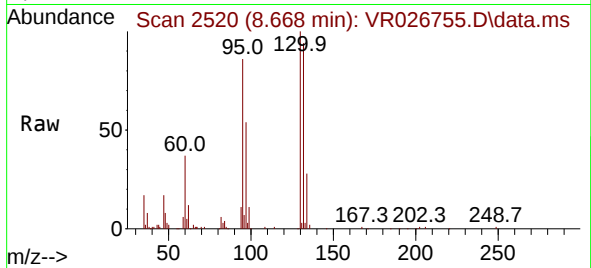




#43
 Trichloroethene
 Concen: 4.619 ug/l
 RT: 8.668 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

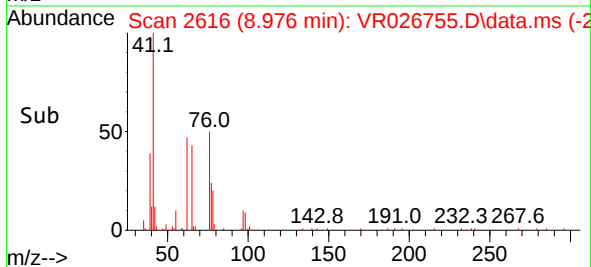
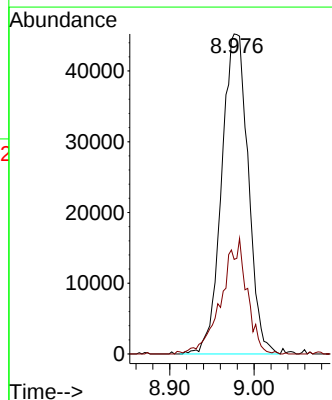
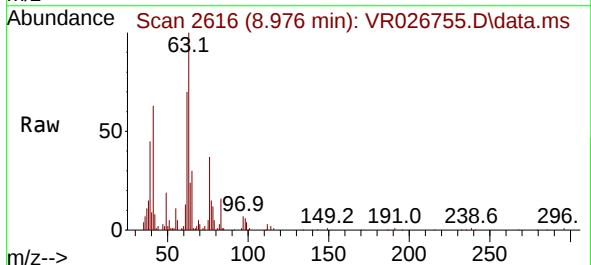
Instrument :
 MSVOA_R
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

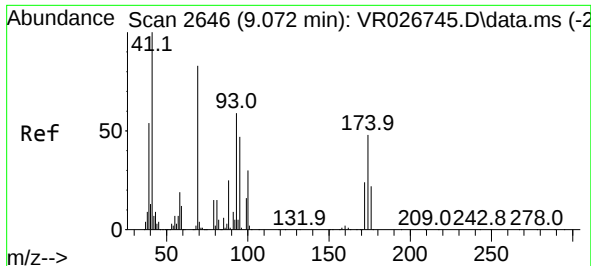
Tgt Ion:130 Resp: 93986
 Ion Ratio Lower Upper
 130 100
 95 86.0 0.0 203.4



#44
 1,2-Dichloropropane
 Concen: 4.412 ug/l
 RT: 8.976 min Scan# 2616
 Delta R.T. 0.003 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

Tgt Ion: 63 Resp: 98504
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.8 37.2

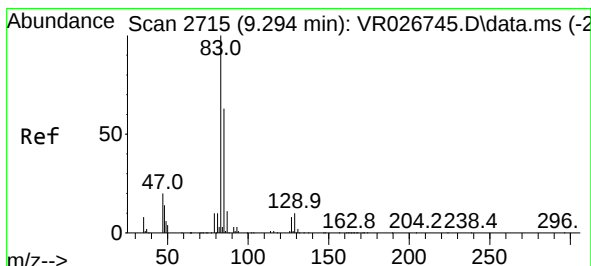
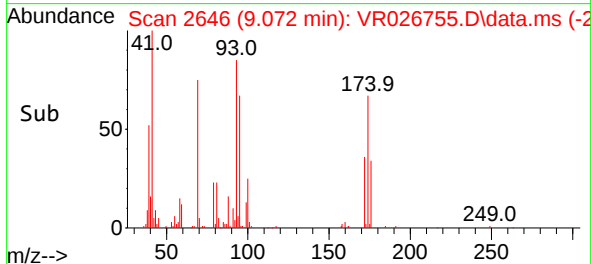
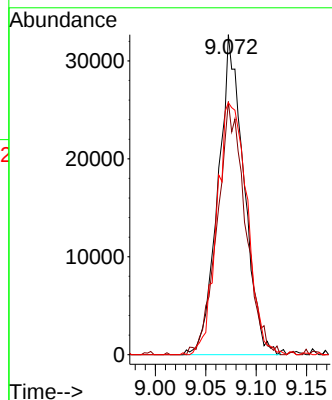
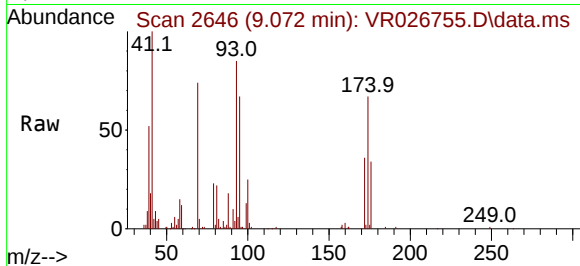




#45
Dibromomethane
Concen: 4.102 ug/l
RT: 9.072 min Scan# 216
Delta R.T. 0.001 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

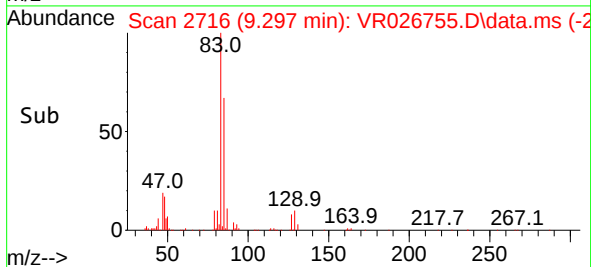
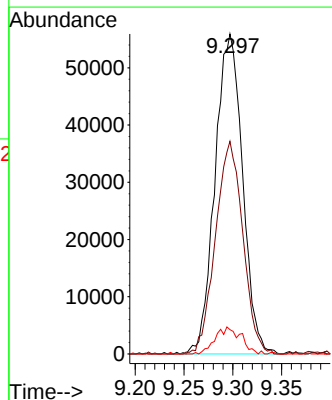
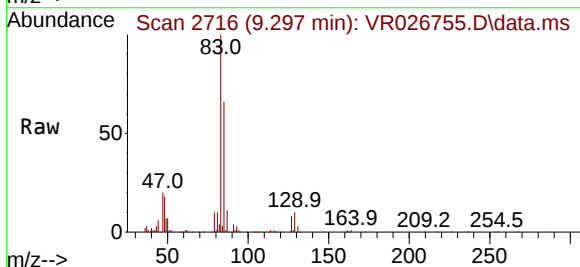
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

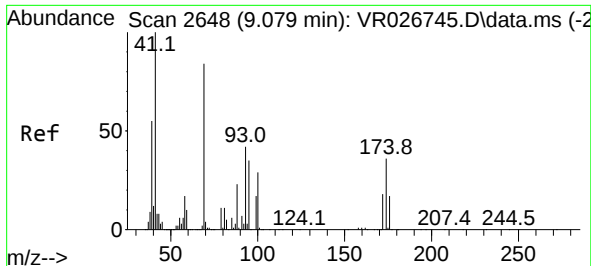
Tgt Ion: 93 Resp: 58187
Ion Ratio Lower Upper
93 100
95 85.7 65.4 98.0
174 91.8 66.5 99.7



#46
Bromodichloromethane
Concen: 4.147 ug/l
RT: 9.297 min Scan# 2716
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 83 Resp: 109495
Ion Ratio Lower Upper
83 100
85 66.4 50.8 76.2
127 7.6 6.0 9.0

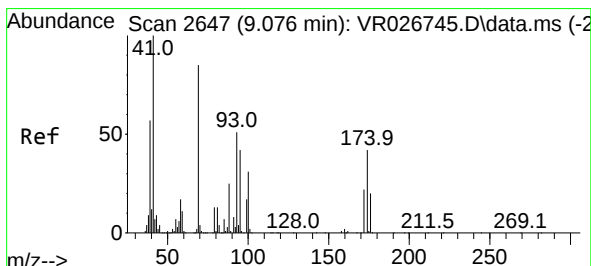
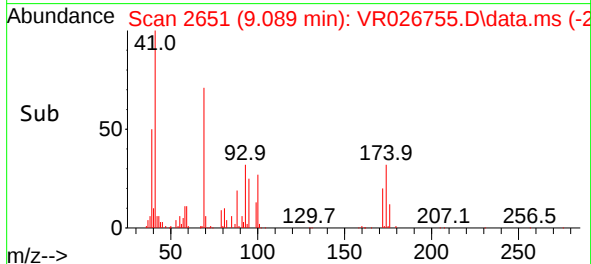
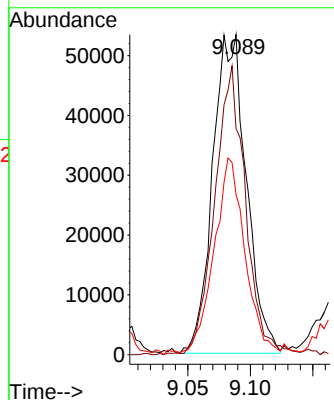
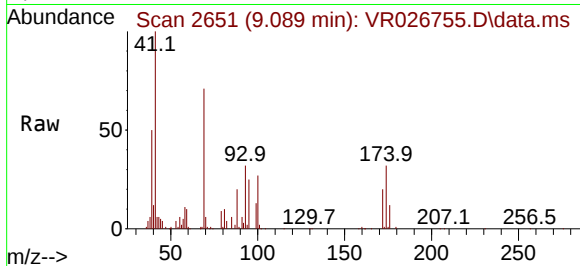




#47
Methyl methacrylate
Concen: 3.712 ug/l
RT: 9.089 min Scan# 2651
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

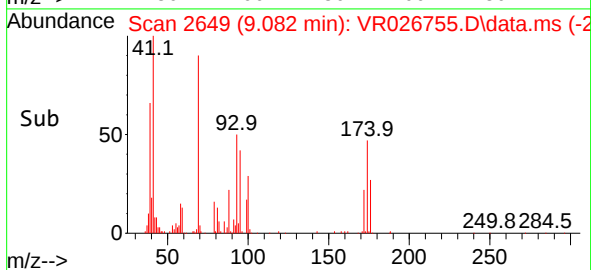
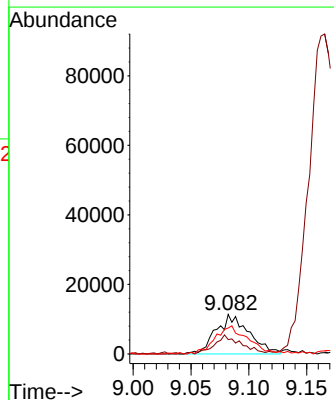
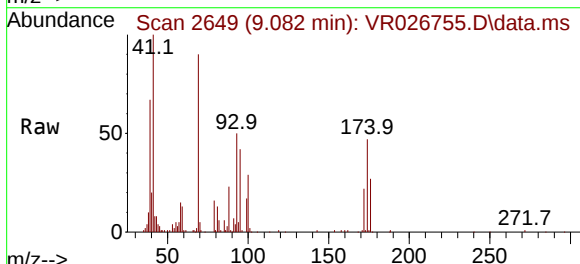
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

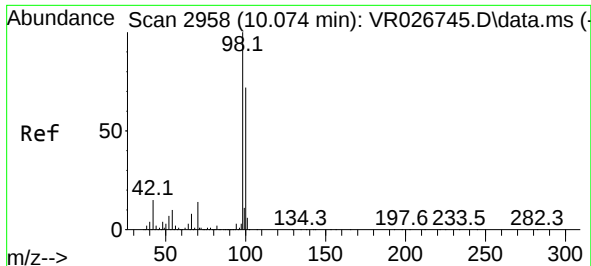
Tgt Ion:	41	Resp:	99838
Ion	Ratio	Lower	Upper
41	100		
69	82.9	66.5	99.7
39	55.3	43.3	64.9



#48
1,4-Dioxane
Concen: 65.138 ug/l
RT: 9.082 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:	88	Resp:	22504
Ion	Ratio	Lower	Upper
88	100		
43	39.0	27.1	40.7
58	72.1	55.9	83.9

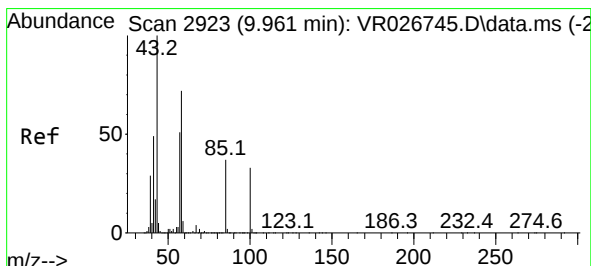
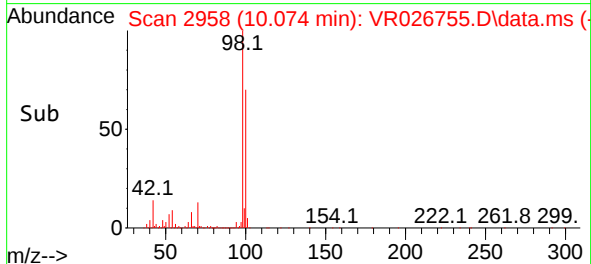
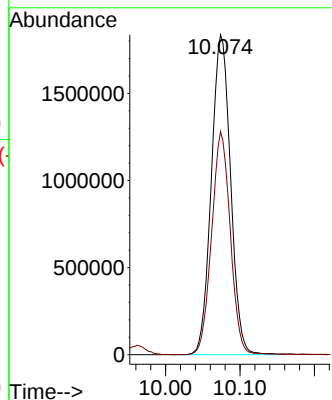
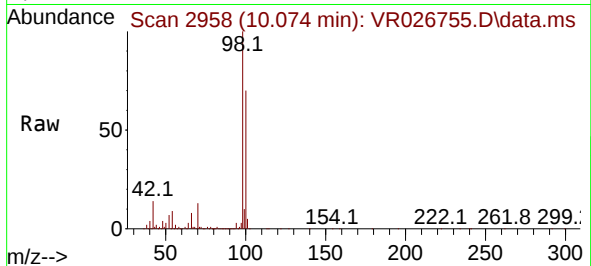




#49
Toluene-d8
Concen: 50.395 ug/l
RT: 10.074 min Scan# 2958
Delta R.T. -0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

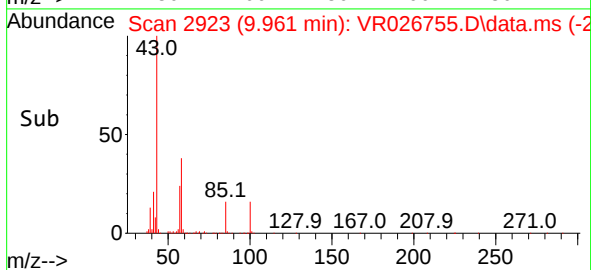
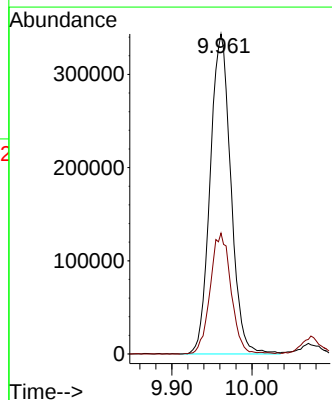
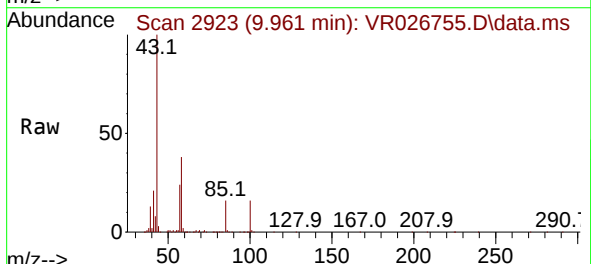
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

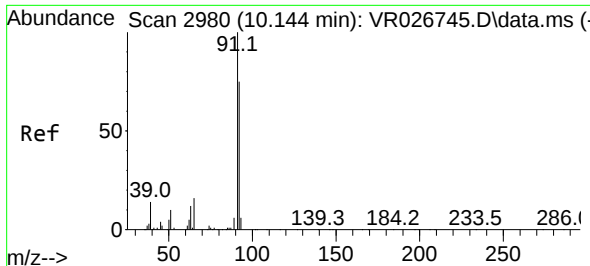
Tgt Ion: 98 Resp: 3295789
Ion Ratio Lower Upper
98 100
100 67.5 55.7 83.5



#50
4-Methyl-2-Pentanone
Concen: 22.576 ug/l
RT: 9.961 min Scan# 2923
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 43 Resp: 614983
Ion Ratio Lower Upper
43 100
58 37.8 46.8 70.2#

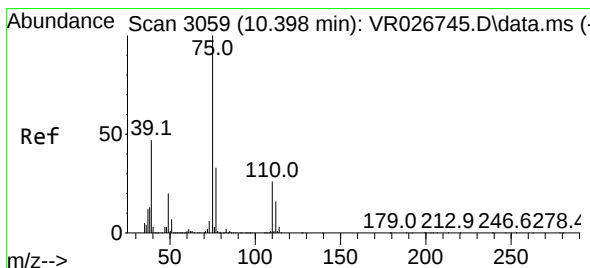
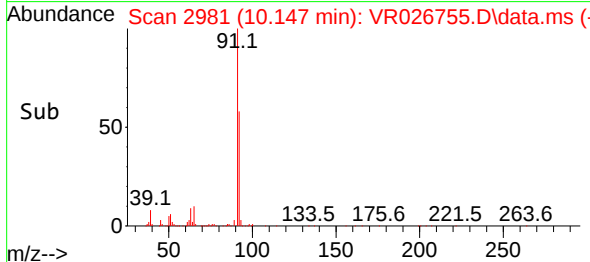
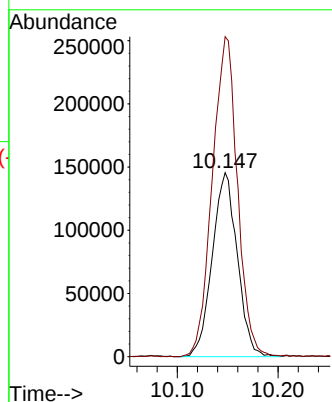
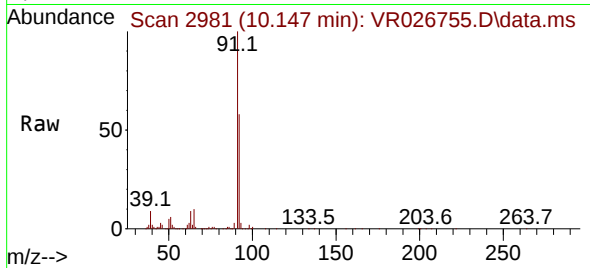




#51
Toluene
Concen: 4.712 ug/l
RT: 10.147 min Scan# 2980
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

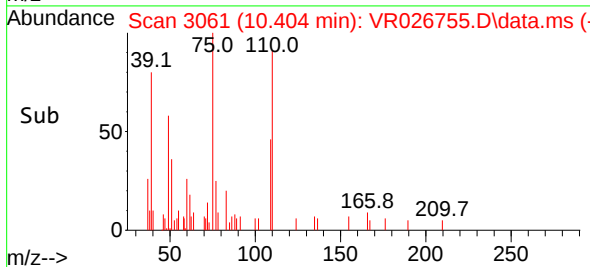
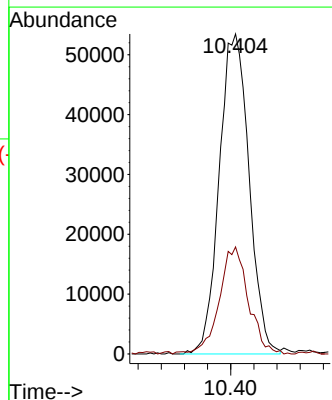
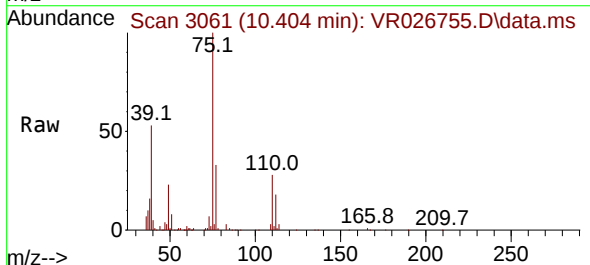
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

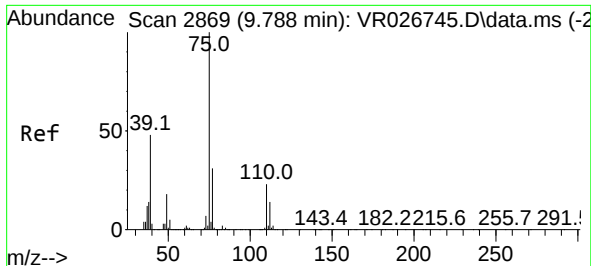
Tgt Ion: 92 Resp: 250920
Ion Ratio Lower Upper
92 100
91 174.8 120.1 180.1



#52
t-1,3-Dichloropropene
Concen: 3.819 ug/l
RT: 10.404 min Scan# 3061
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 75 Resp: 95487
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4

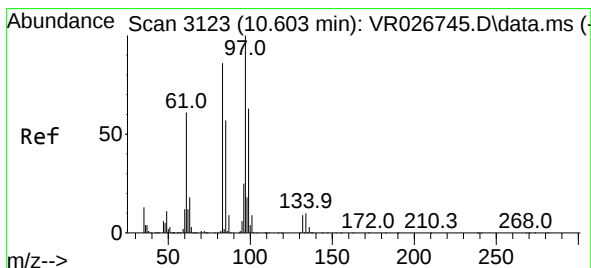
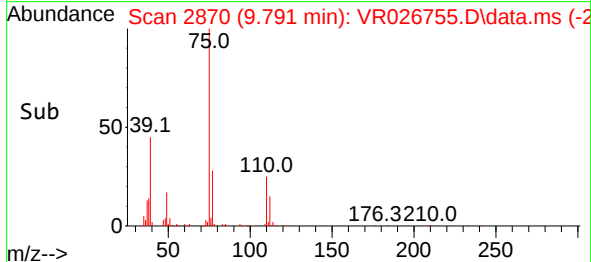
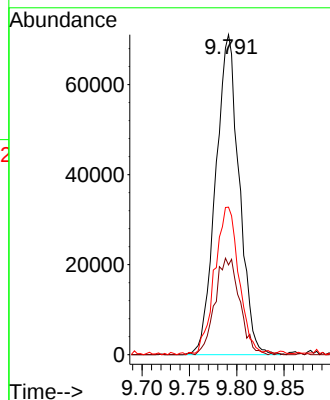
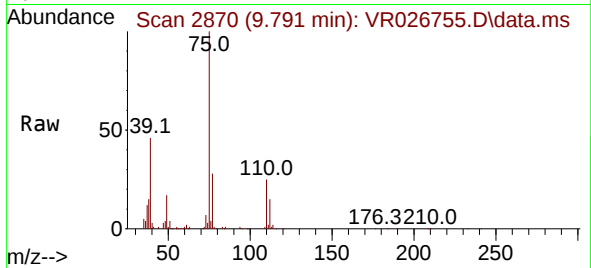




#53
 cis-1,3-Dichloropropene
 Concen: 4.049 ug/l
 RT: 9.791 min Scan# 2870
 Delta R.T. 0.003 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

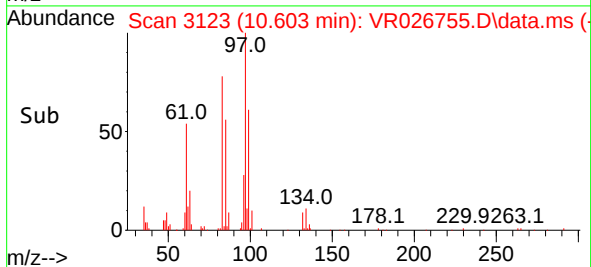
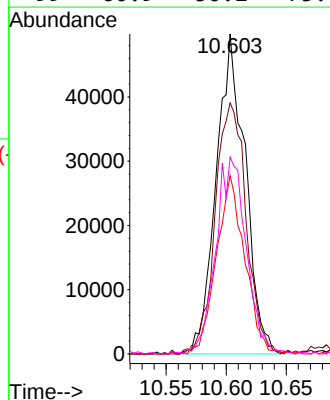
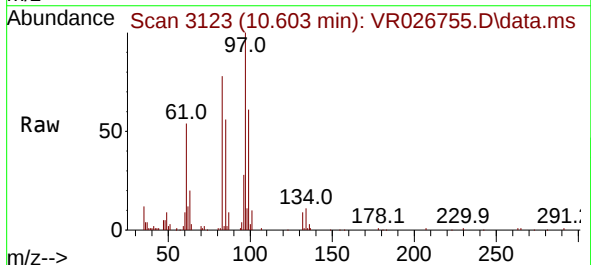
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT3-2025

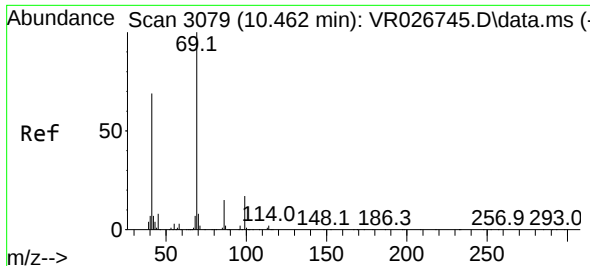
Tgt Ion:	75	Resp:	122819
Ion	Ratio	Lower	Upper
75	100		
77	28.0	25.1	37.7
39	45.7	38.5	57.7



#54
 1,1,2-Trichloroethane
 Concen: 4.410 ug/l
 RT: 10.603 min Scan# 3123
 Delta R.T. 0.000 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

Tgt Ion:	97	Resp:	83361
Ion	Ratio	Lower	Upper
97	100		
83	78.4	68.9	103.3
85	55.7	45.3	67.9
99	60.9	50.2	75.4

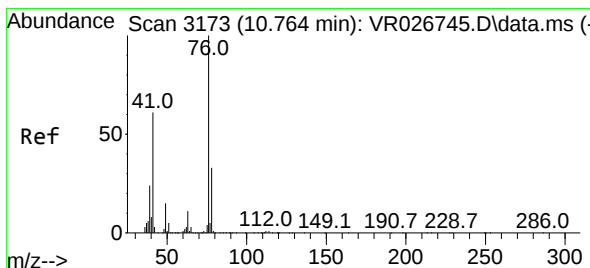
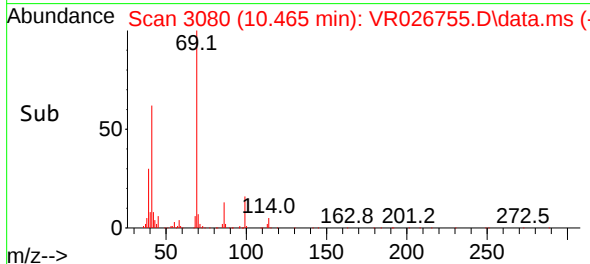
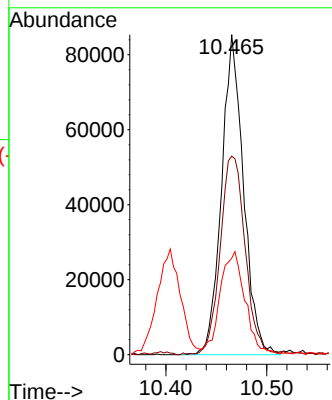
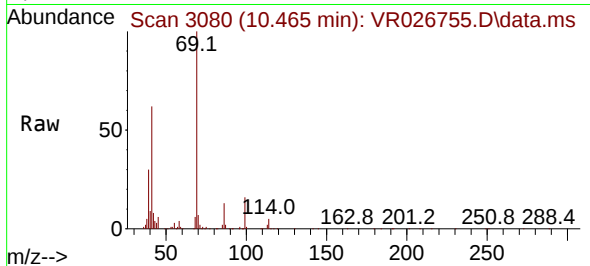




#55
Ethyl methacrylate
Concen: 3.971 ug/l
RT: 10.465 min Scan# 3079
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

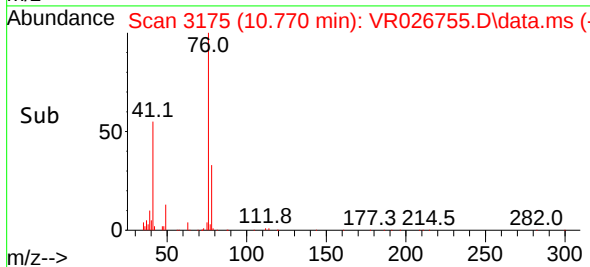
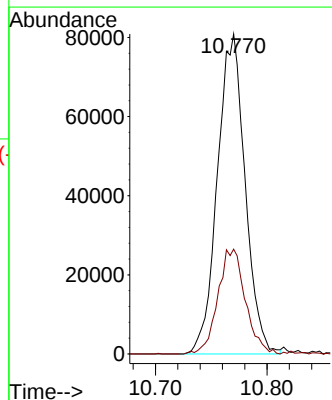
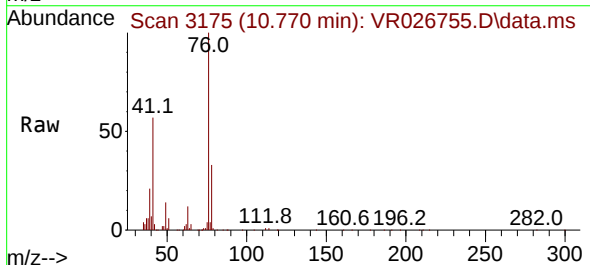
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

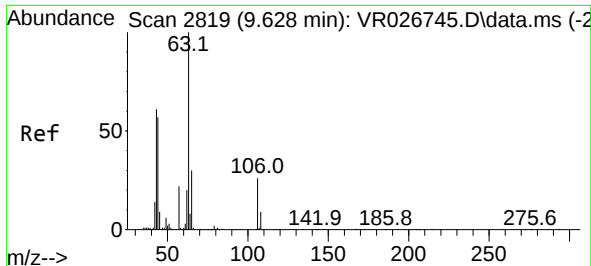
Tgt Ion:	69	Resp:	129124
Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.6	83.4
39	35.8	29.2	43.8



#56
1,3-Dichloropropane
Concen: 4.376 ug/l
RT: 10.770 min Scan# 3175
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:	76	Resp:	139419
Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.9	38.9





#57

2-Chloroethyl Vinyl ether

Concen: 4.774 ug/l

RT: 9.631 min Scan# 2

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

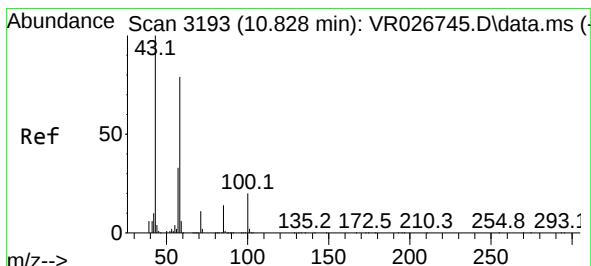
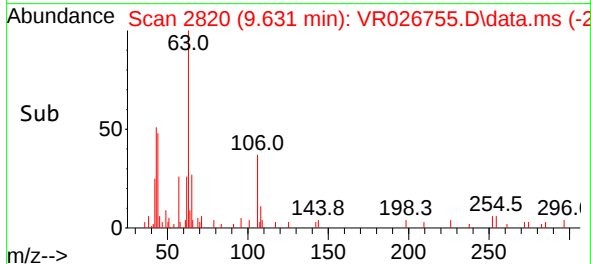
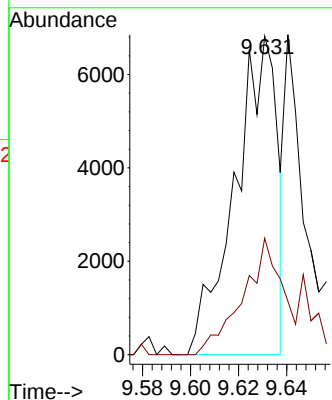
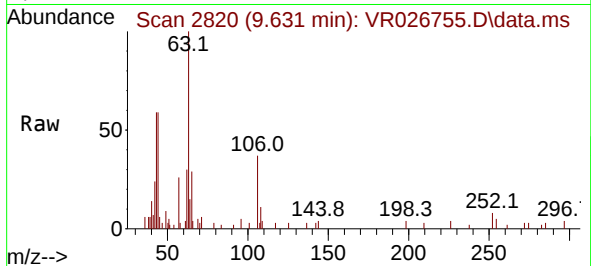
LOQ-WATER-02-QT3-2025

Tgt Ion: 63 Resp: 8317

Ion Ratio Lower Upper

63 100

106 34.3 21.5 32.3#



#58

2-Hexanone

Concen: 19.996 ug/l

RT: 10.828 min Scan# 3193

Delta R.T. -0.000 min

Lab File: VR026755.D

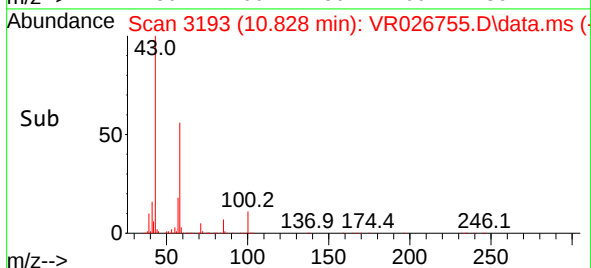
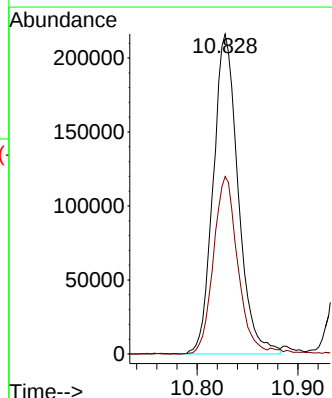
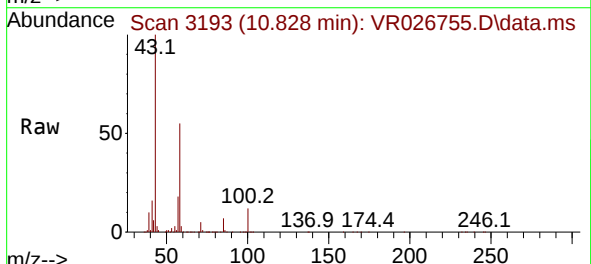
Acq: 21 Aug 2025 14:15

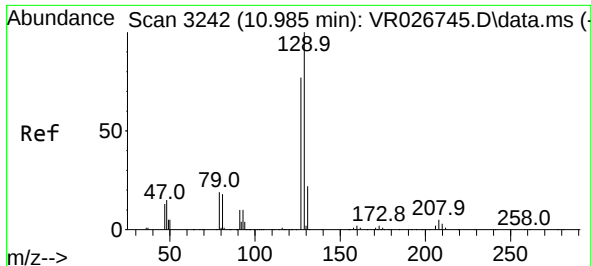
Tgt Ion: 43 Resp: 372303

Ion Ratio Lower Upper

43 100

58 53.6 34.0 102.0

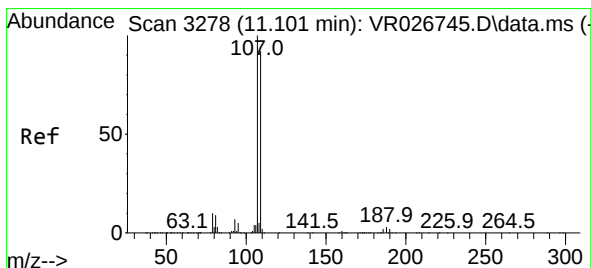
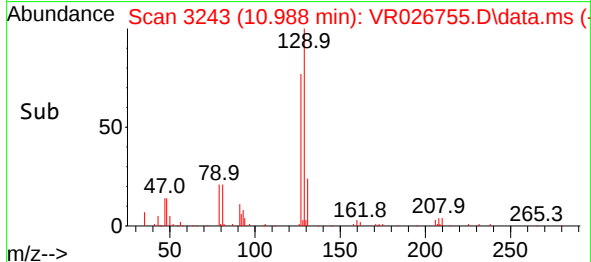
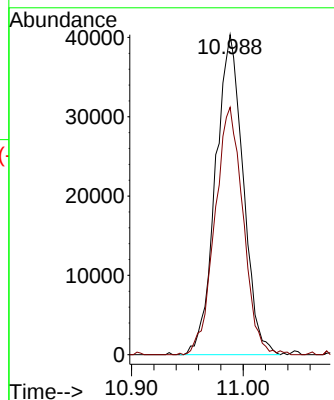
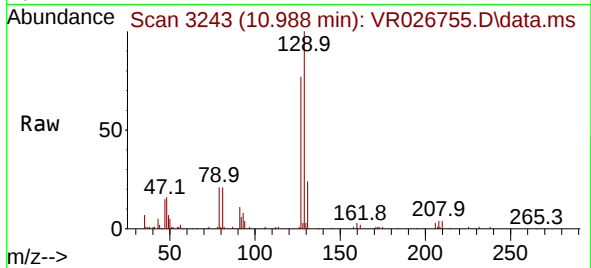




#59
Dibromochloromethane
Concen: 3.907 ug/l
RT: 10.988 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

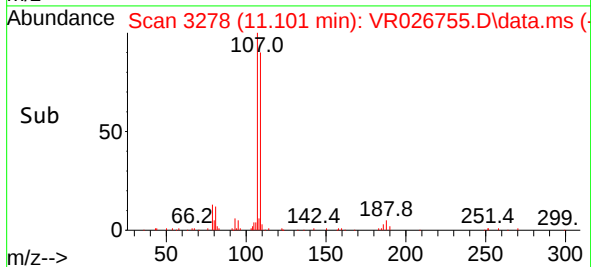
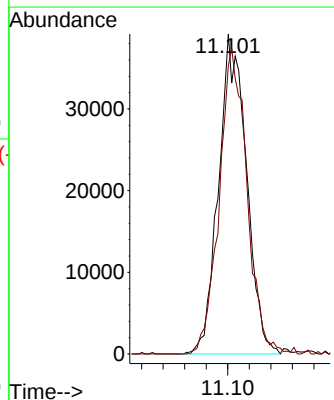
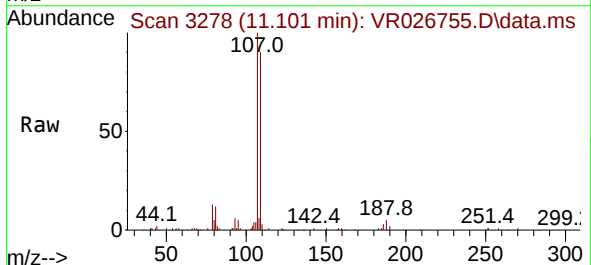
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

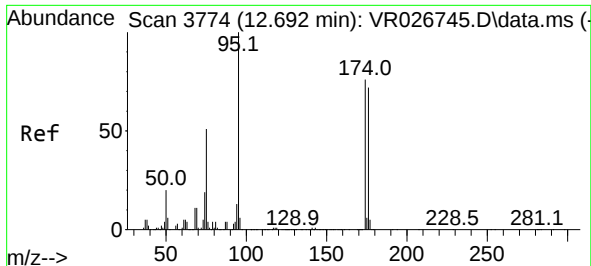
Tgt Ion:129 Resp: 69468
Ion Ratio Lower Upper
129 100
127 79.1 38.9 116.7



#60
1,2-Dibromoethane
Concen: 4.115 ug/l
RT: 11.101 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:107 Resp: 70297
Ion Ratio Lower Upper
107 100
109 94.9 74.3 111.5

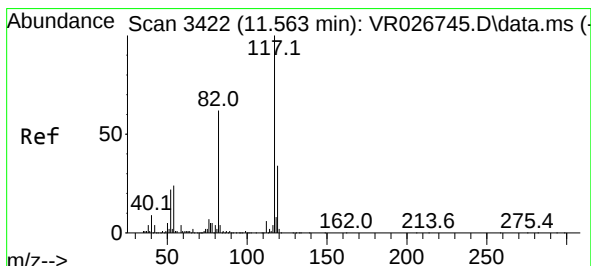
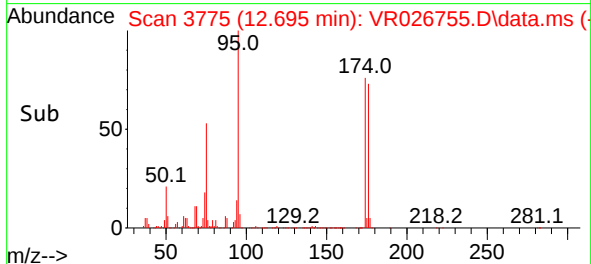
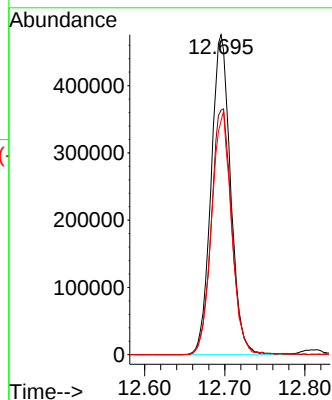
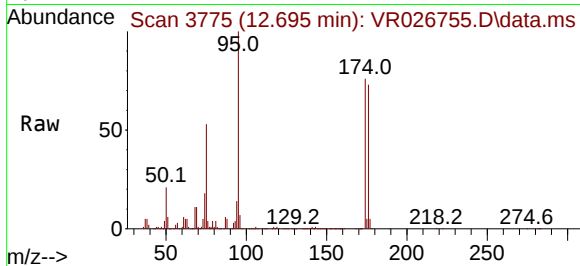




#61
4-Bromofluorobenzene
Concen: 43.198 ug/l
RT: 12.695 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

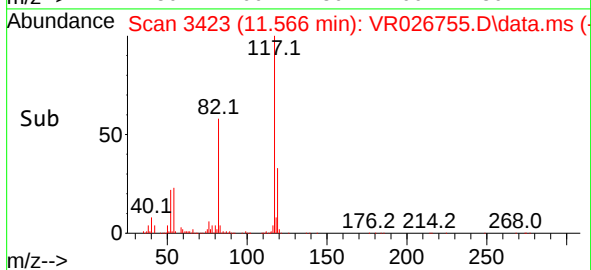
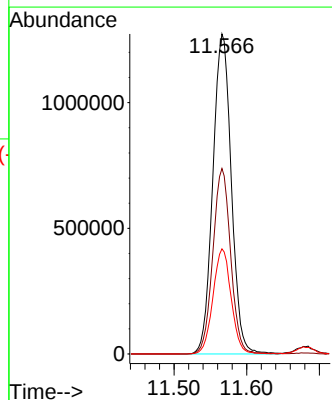
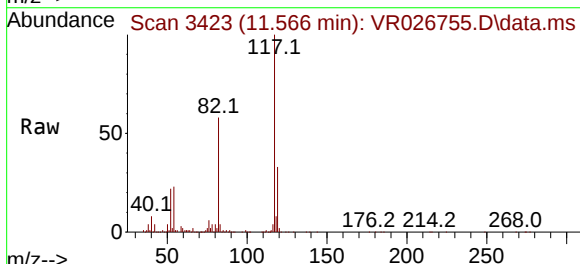
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

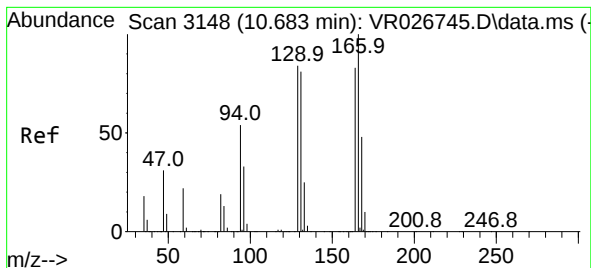
Tgt Ion: 95 Resp: 801583
Ion Ratio Lower Upper
95 100
174 80.4 0.0 156.6
176 77.2 0.0 150.2



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.566 min Scan# 3423
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 117 Resp: 2251687
Ion Ratio Lower Upper
117 100
82 57.9 49.9 74.9
119 32.9 27.4 41.2





#63

Tetrachloroethene

Concen: 5.035 ug/l

RT: 10.683 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion:164 Resp: 79652

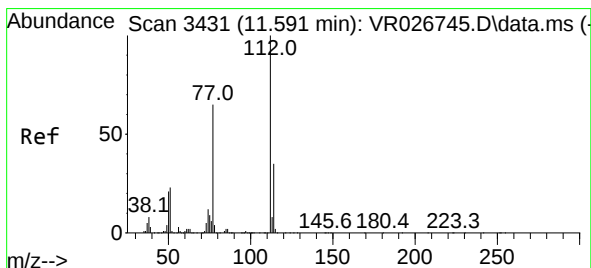
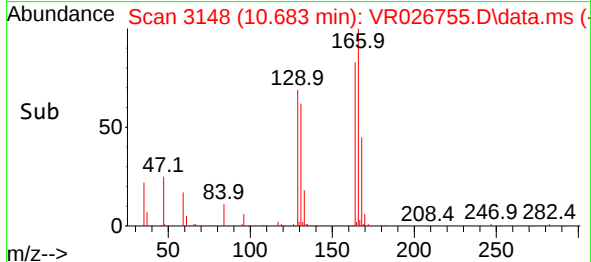
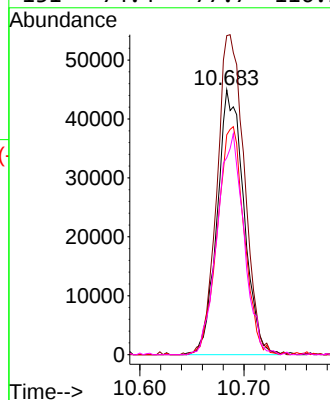
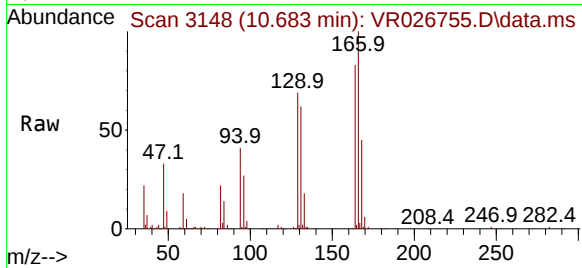
Ion Ratio Lower Upper

164 100

166 120.5 95.9 143.9

129 83.0 80.2 120.2

131 74.4 77.7 116.5#



#64

Chlorobenzene

Concen: 5.017 ug/l

RT: 11.595 min Scan# 3432

Delta R.T. 0.003 min

Lab File: VR026755.D

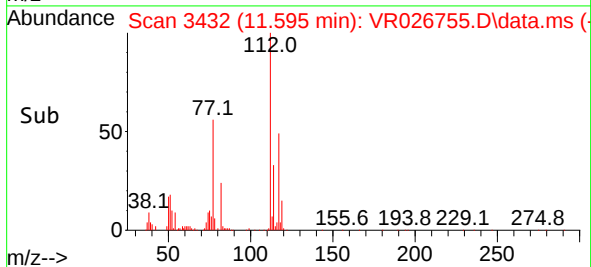
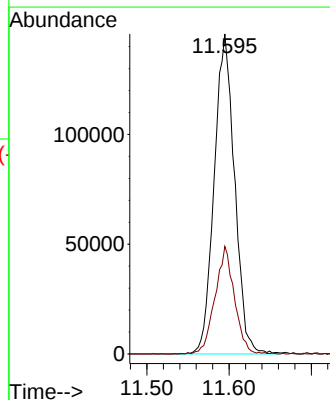
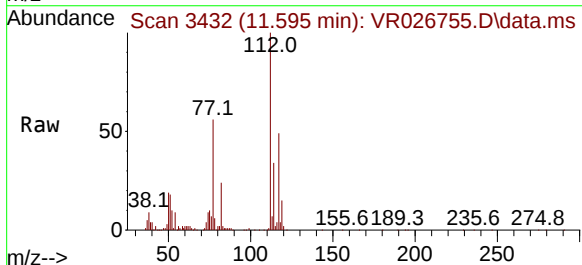
Acq: 21 Aug 2025 14:15

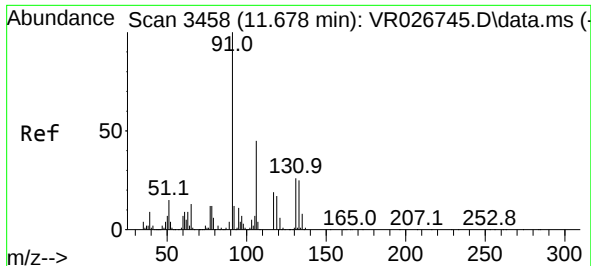
Tgt Ion:112 Resp: 251380

Ion Ratio Lower Upper

112 100

114 33.6 28.0 42.0

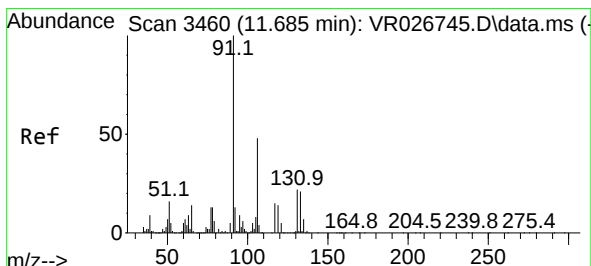
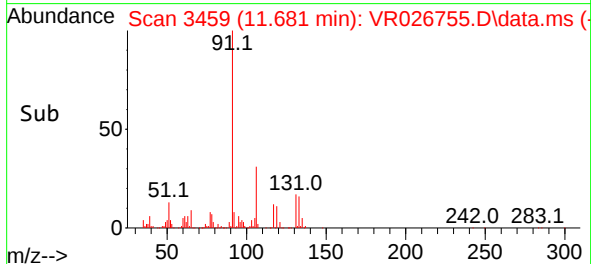
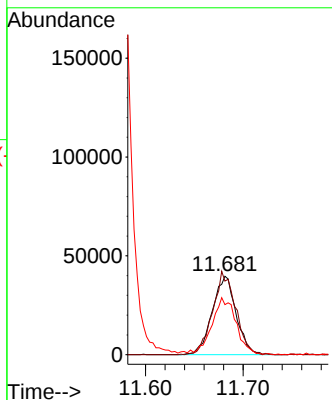
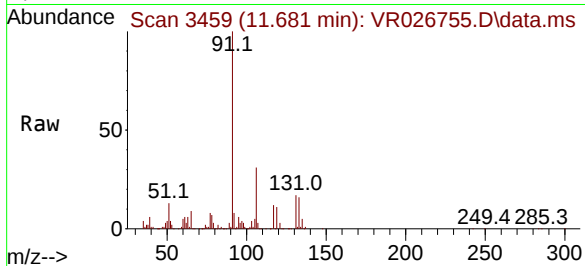




#65
1,1,1,2-Tetrachloroethane
Concen: 4.013 ug/l
RT: 11.681 min Scan# 3458
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

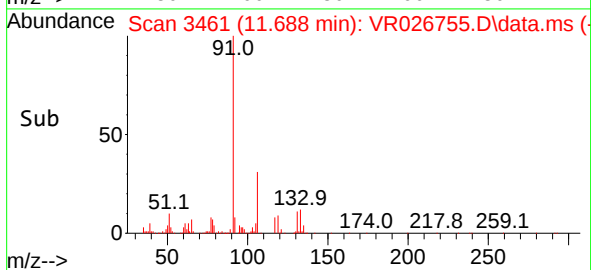
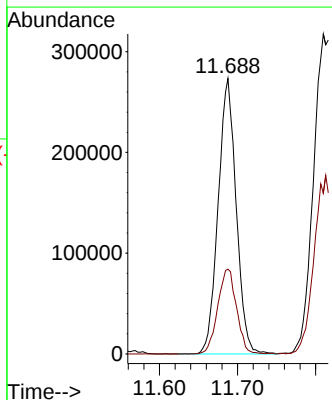
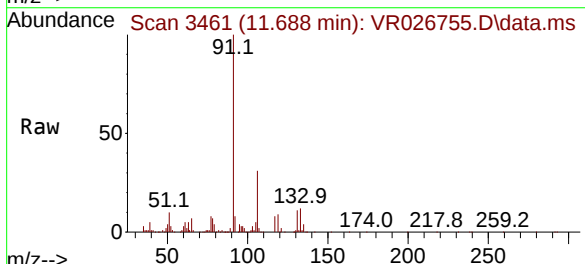
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

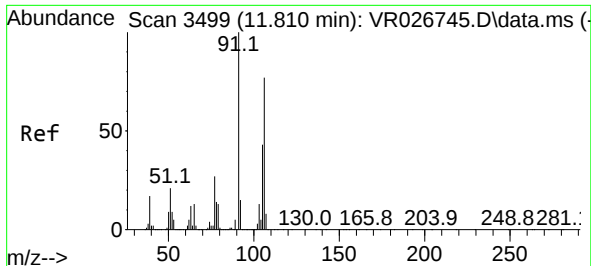
Tgt Ion:131 Resp: 67513
Ion Ratio Lower Upper
131 100
133 101.1 47.3 141.8
119 74.1 33.9 101.7



#66
Ethyl Benzene
Concen: 5.245 ug/l
RT: 11.688 min Scan# 3461
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 91 Resp: 439388
Ion Ratio Lower Upper
91 100
106 30.7 38.7 58.1#





#67

m/p-Xylenes

Concen: 9.776 ug/l

RT: 11.813 min Scan# 3499

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

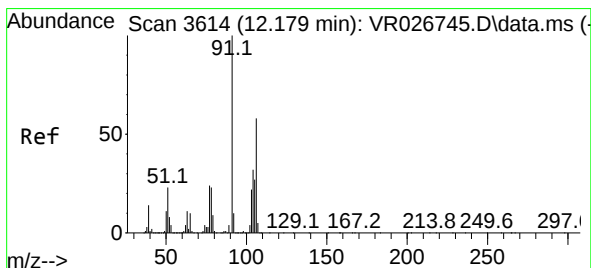
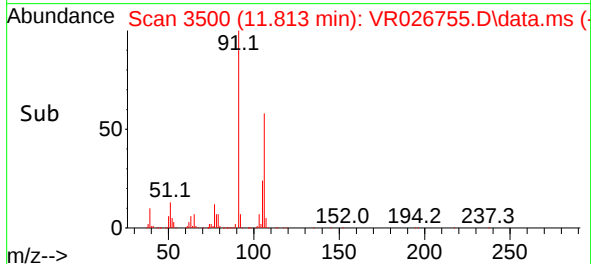
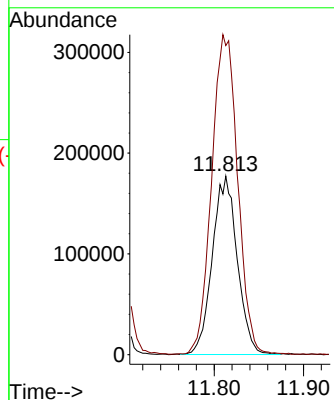
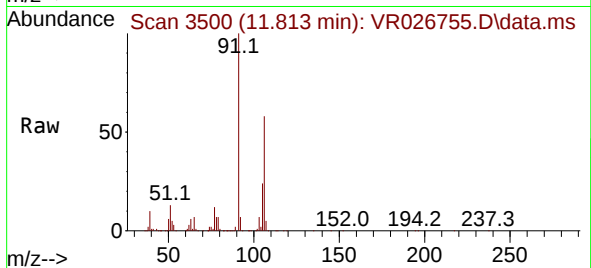
LOQ-WATER-02-QT3-2025

Tgt Ion:106 Resp: 342719

Ion Ratio Lower Upper

106 100

91 187.3 121.6 182.4#



#68

o-Xylene

Concen: 4.569 ug/l

RT: 12.182 min Scan# 3615

Delta R.T. 0.003 min

Lab File: VR026755.D

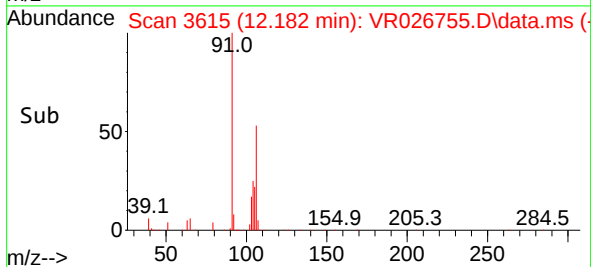
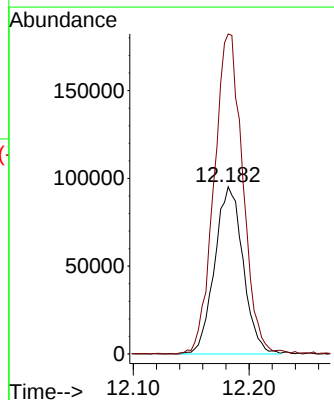
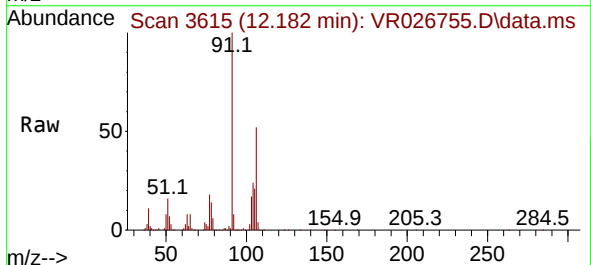
Acq: 21 Aug 2025 14:15

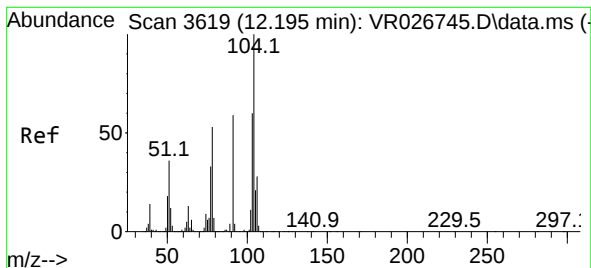
Tgt Ion:106 Resp: 162287

Ion Ratio Lower Upper

106 100

91 193.2 93.7 281.1





#69

Styrene

Concen: 4.558 ug/l

RT: 12.201 min Scan# 3621

Delta R.T. 0.006 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

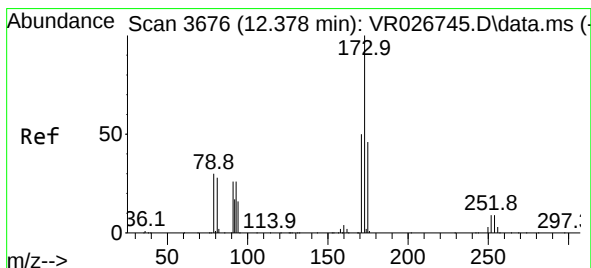
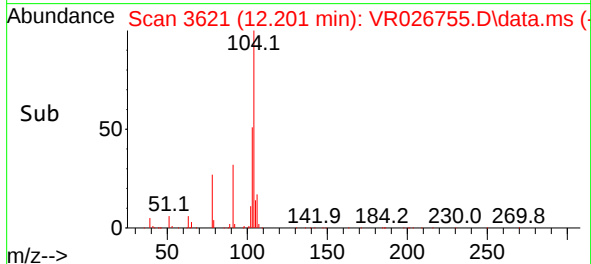
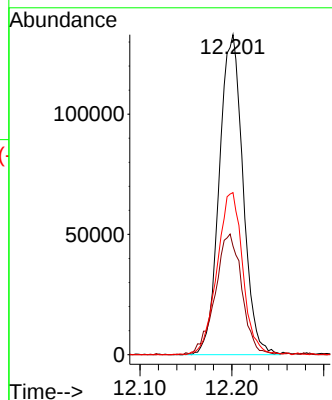
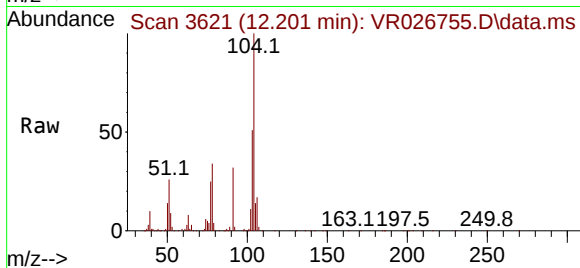
Tgt Ion:104 Resp: 238241

Ion Ratio Lower Upper

104 100

78 42.2 42.5 63.7#

103 54.9 47.5 71.3



#70

Bromoform

Concen: 3.545 ug/l

RT: 12.381 min Scan# 3677

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

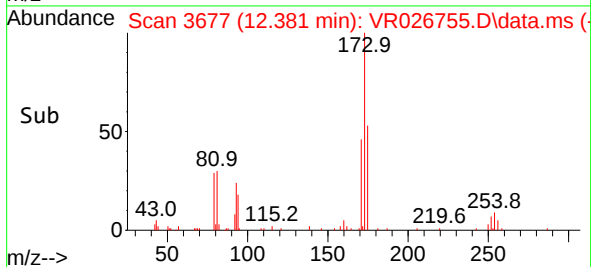
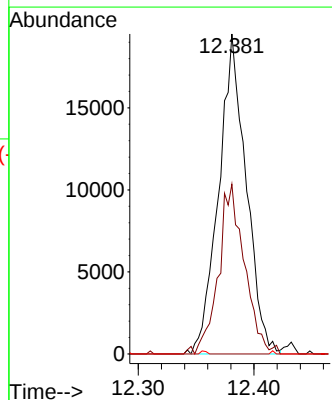
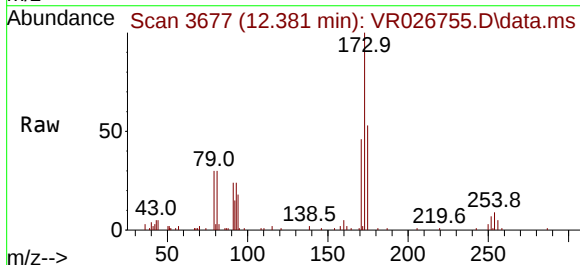
Tgt Ion:173 Resp: 32161

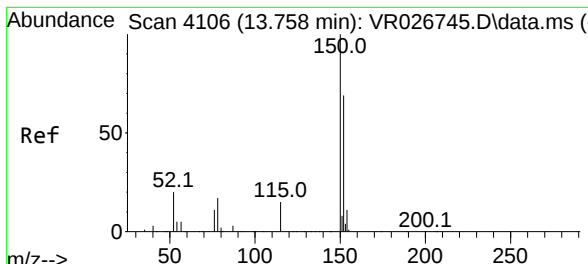
Ion Ratio Lower Upper

173 100

175 50.3 23.8 71.4

254 0.0 0.0 0.0

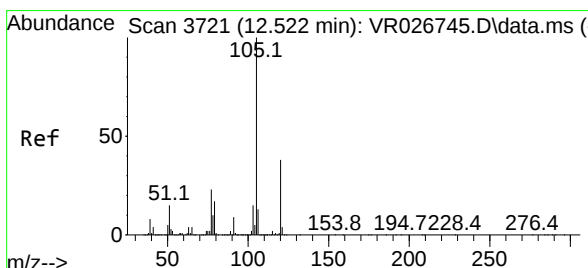
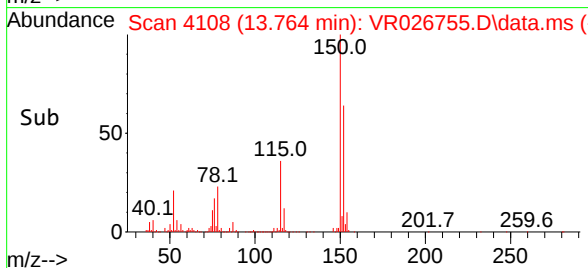
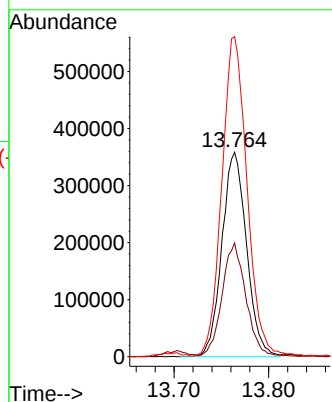
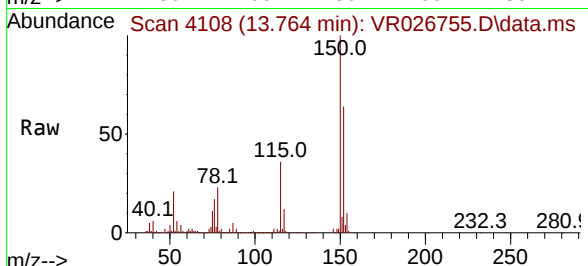




#71
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.764 min Scan# 4106
 Delta R.T. 0.006 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

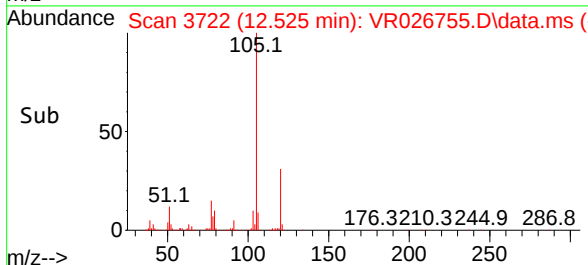
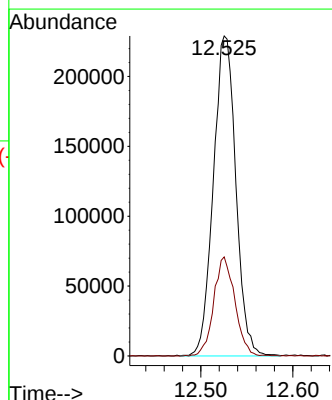
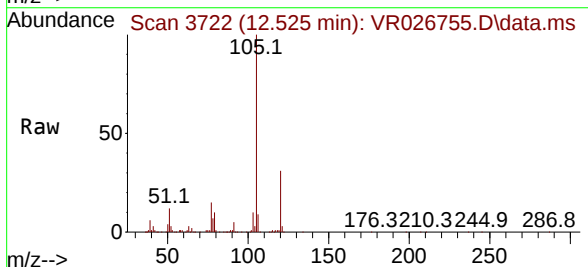
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT3-2025

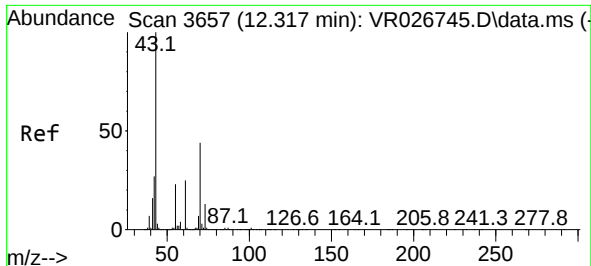
Tgt Ion:152 Resp: 647719
 Ion Ratio Lower Upper
 152 100
 115 53.5 28.5 85.5
 150 159.4 0.0 352.0



#72
 Isopropylbenzene
 Concen: 5.538 ug/l
 RT: 12.525 min Scan# 3722
 Delta R.T. 0.003 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

Tgt Ion:105 Resp: 389366
 Ion Ratio Lower Upper
 105 100
 120 29.1 16.4 49.2

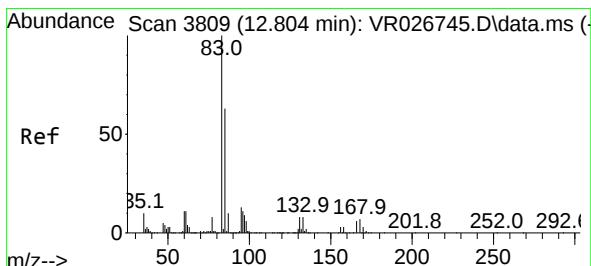
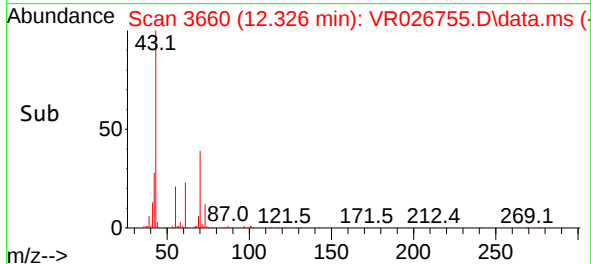
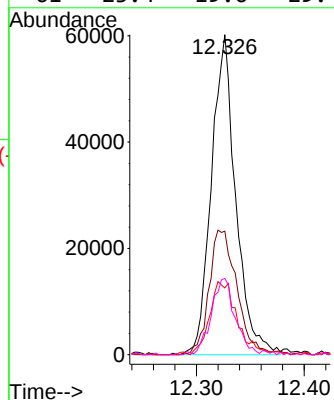
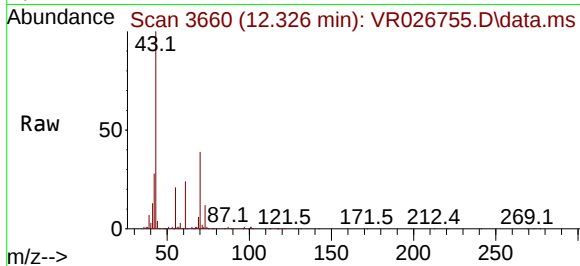




#73
N-ethyl acetate
Concen: 3.721 ug/l
RT: 12.326 min Scan# 30
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

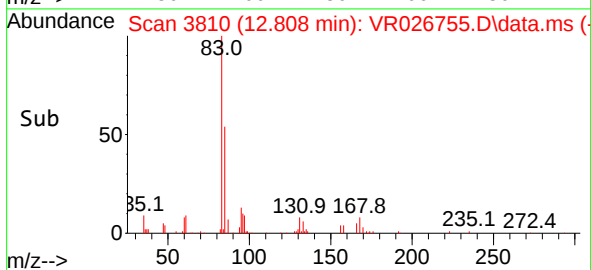
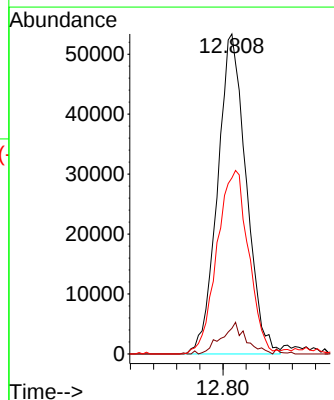
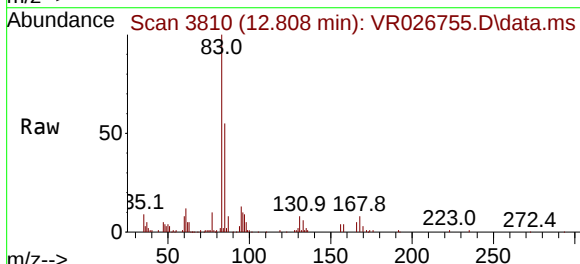
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

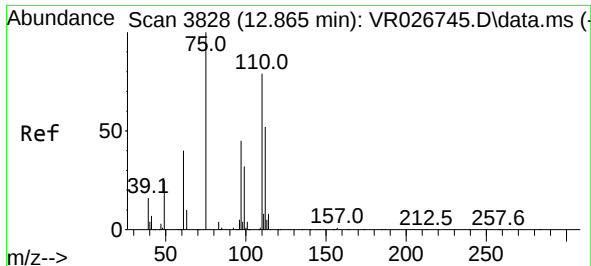
Tgt Ion: 43	Resp: 94451
Ion Ratio	Lower Upper
43 100	
70 44.1	34.1 51.1
55 26.0	18.1 27.1
61 23.4	19.6 29.4



#74
1,1,2,2-Tetrachloroethane
Concen: 4.549 ug/l
RT: 12.808 min Scan# 3810
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 83	Resp: 91564
Ion Ratio	Lower Upper
83 100	
131 8.3	4.6 13.8
85 63.4	31.7 95.1

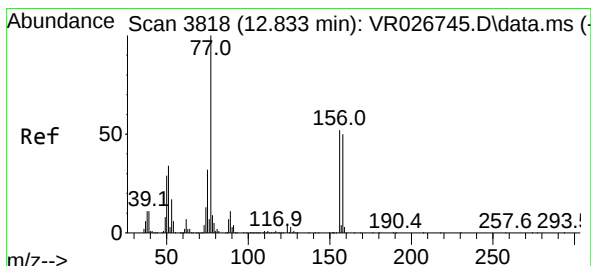
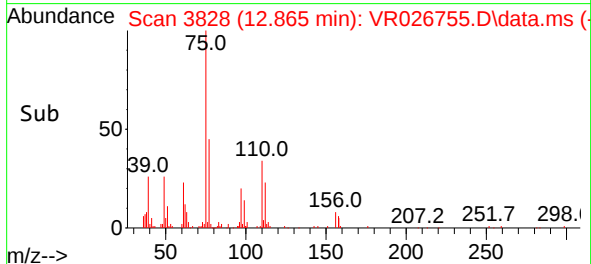
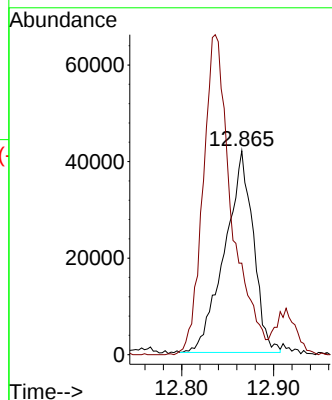
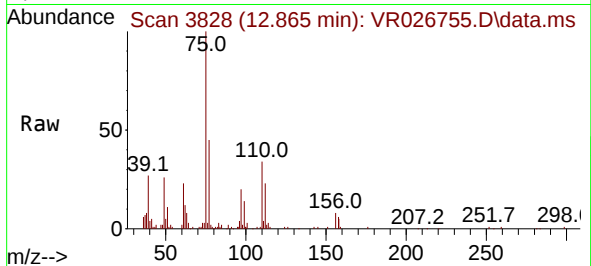




#75
1,2,3-Trichloropropane
Concen: 5.633 ug/l
RT: 12.865 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

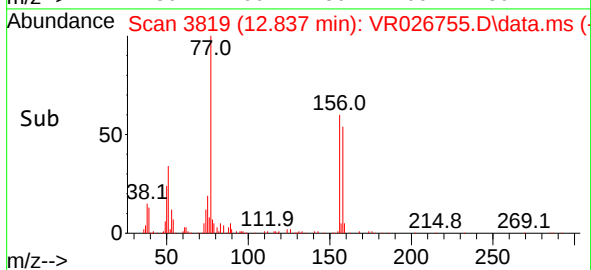
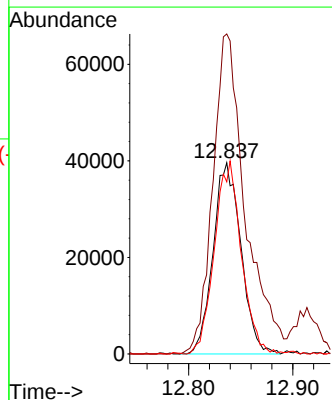
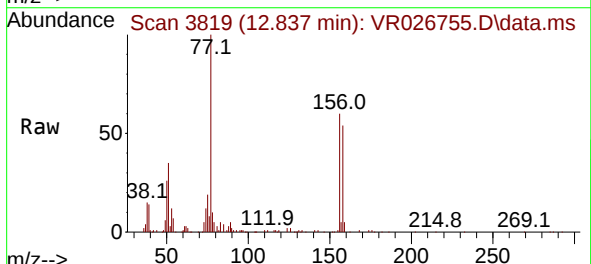
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

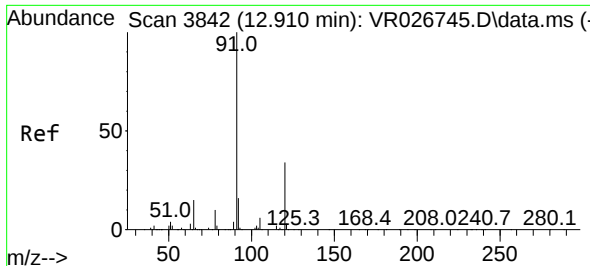
Tgt Ion: 75 Resp: 89943
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 4.775 ug/l
RT: 12.837 min Scan# 3819
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:156 Resp: 73485
Ion Ratio Lower Upper
156 100
77 195.0 109.8 329.4
158 97.7 47.5 142.6

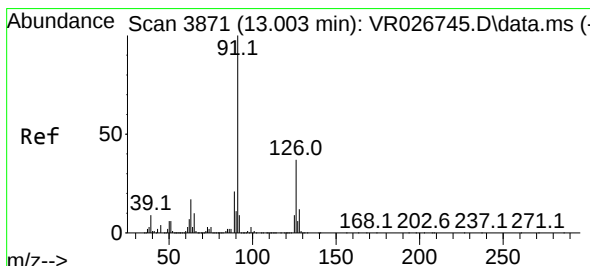
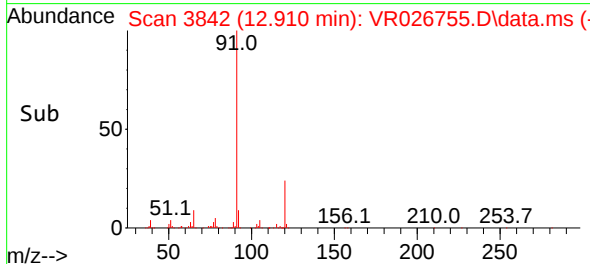
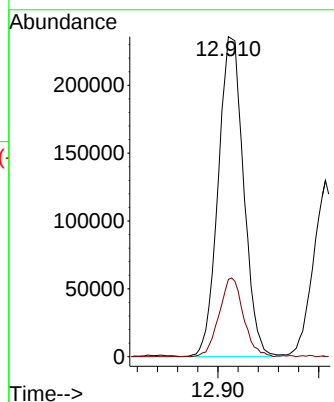
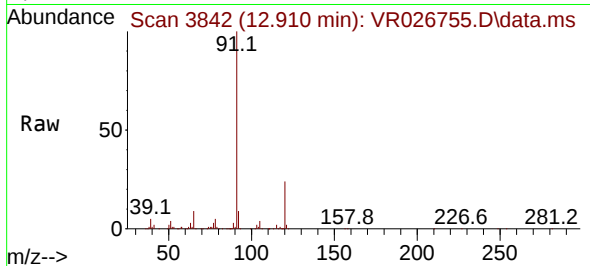




#77
n-propylbenzene
Concen: 5.472 ug/l
RT: 12.910 min Scan# 3842
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

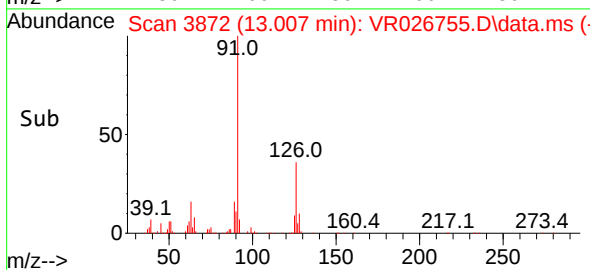
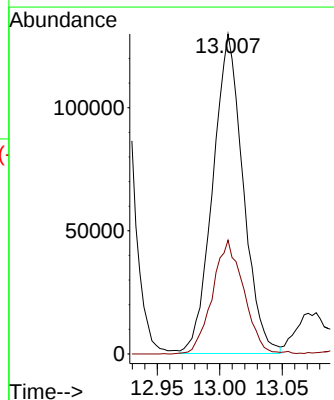
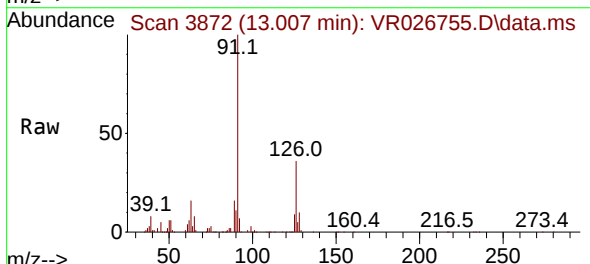
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

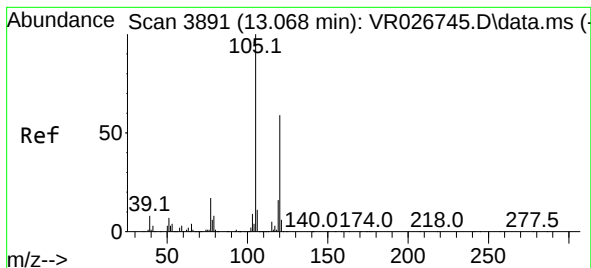
Tgt Ion: 91 Resp: 412431
Ion Ratio Lower Upper
91 100
120 23.6 14.2 42.8



#78
2-Chlorotoluene
Concen: 4.931 ug/l
RT: 13.007 min Scan# 3872
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 91 Resp: 219485
Ion Ratio Lower Upper
91 100
126 36.5 18.0 54.0





#79

1,3,5-Trimethylbenzene

Concen: 5.013 ug/l

RT: 13.071 min Scan# 3891

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

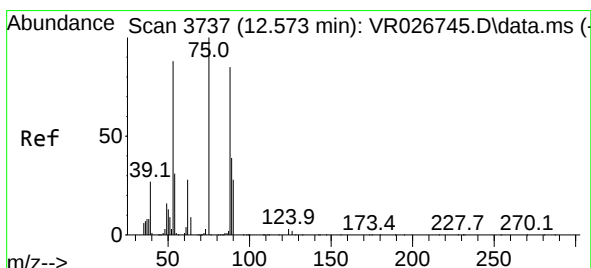
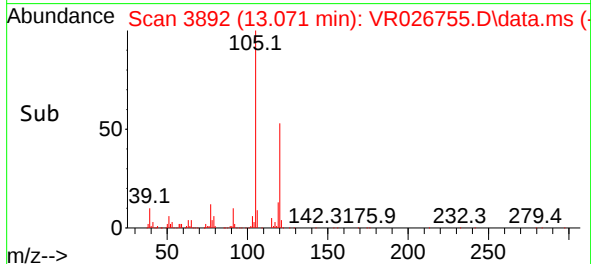
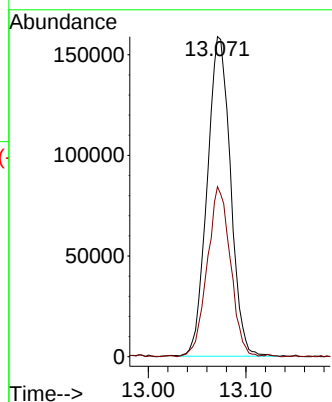
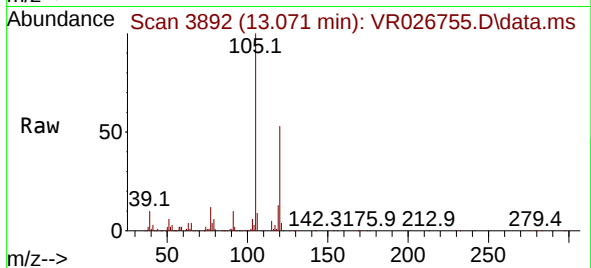
LOQ-WATER-02-QT3-2025

Tgt Ion:105 Resp: 263223

Ion Ratio Lower Upper

105 100

120 53.0 27.8 83.4



#80

trans-1,4-Dichloro-2-butene

Concen: 3.016 ug/l

RT: 12.583 min Scan# 3740

Delta R.T. 0.010 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

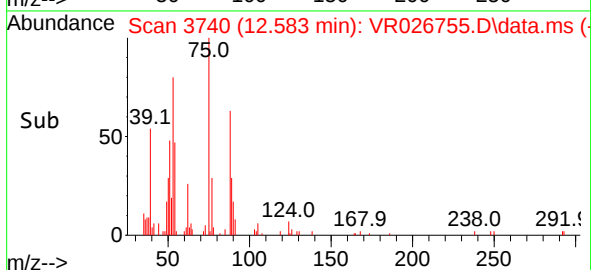
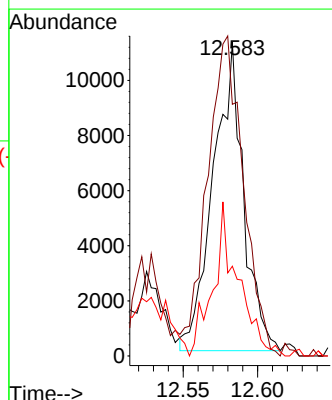
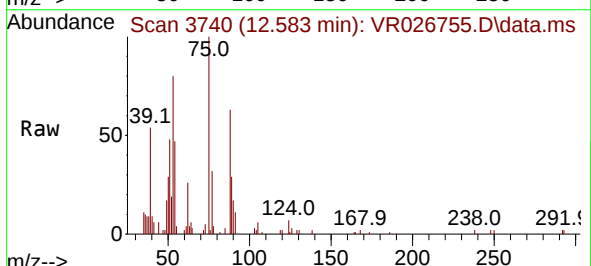
Tgt Ion: 75 Resp: 15782

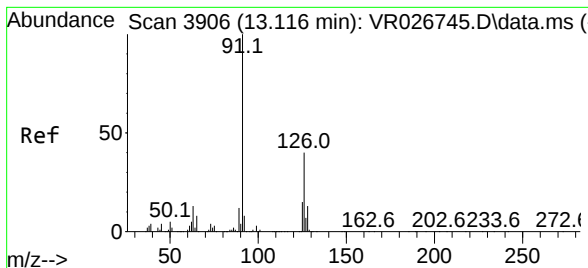
Ion Ratio Lower Upper

75 100

53 123.3 70.9 106.3#

89 41.6 33.4 50.0

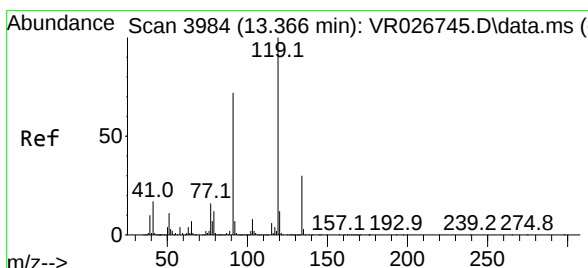
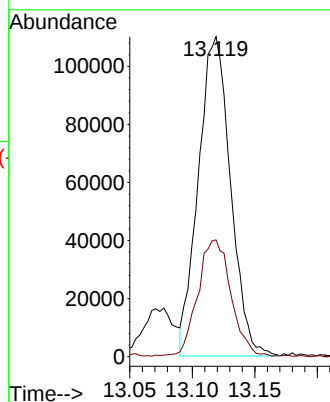
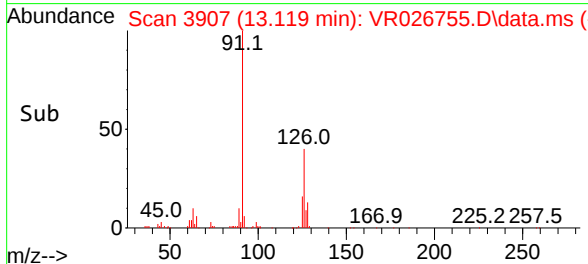
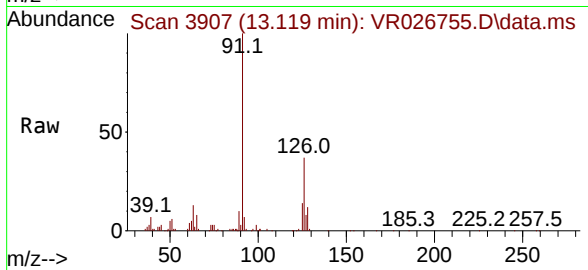




#81
4-Chlorotoluene
Concen: 4.830 ug/l
RT: 13.119 min Scan# 3906
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

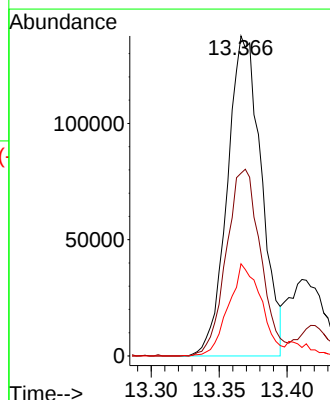
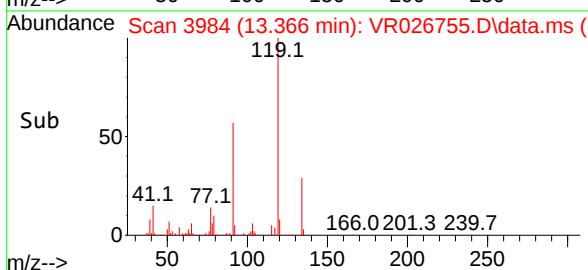
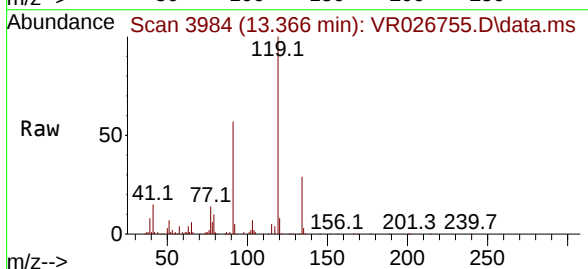
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

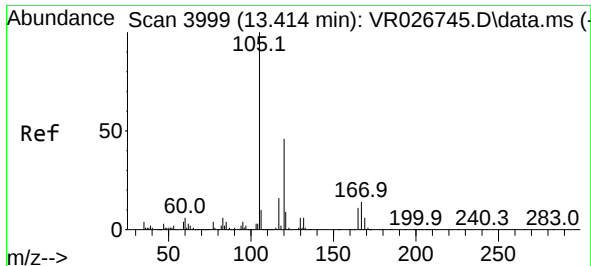
Tgt Ion: 91 Resp: 197011
Ion Ratio Lower Upper
91 100
126 37.4 18.2 54.6



#82
tert-Butylbenzene
Concen: 4.875 ug/l
RT: 13.366 min Scan# 3984
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 119 Resp: 239307
Ion Ratio Lower Upper
119 100
91 59.3 33.5 100.5
134 27.9 14.9 44.9

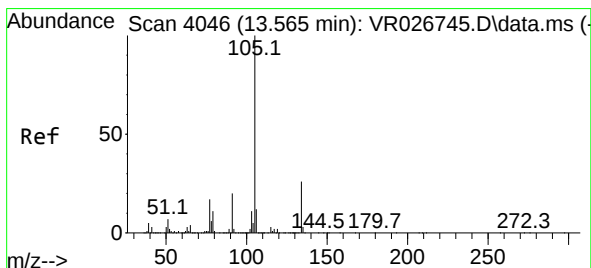
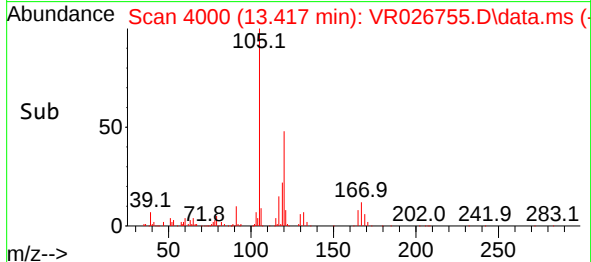
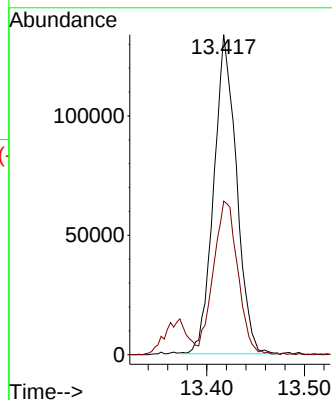
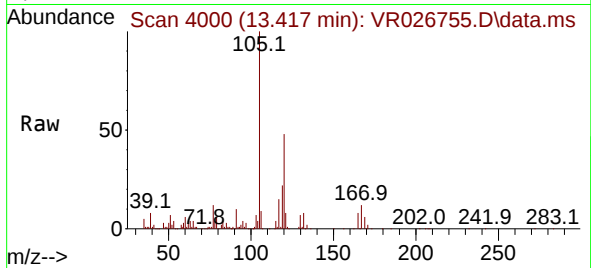




#83
1,2,4-Trimethylbenzene
Concen: 4.511 ug/l
RT: 13.417 min Scan# 4000
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

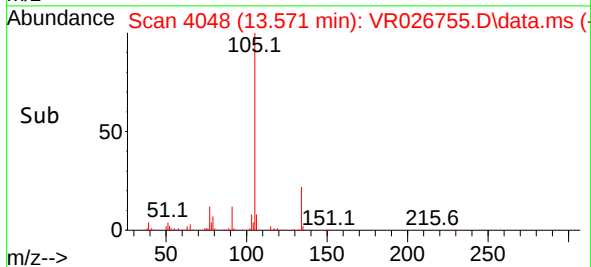
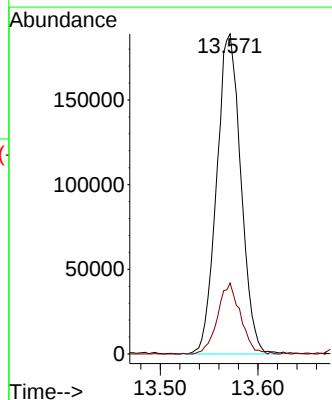
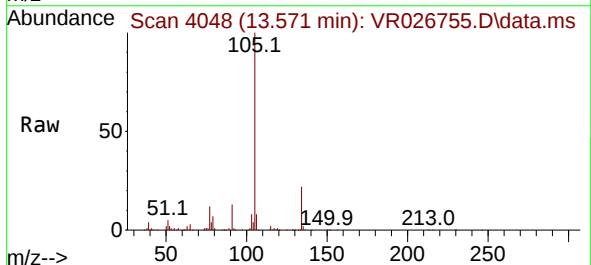
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

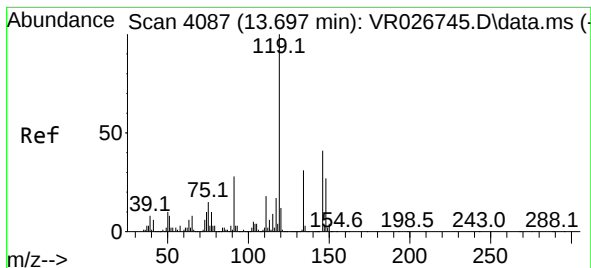
Tgt Ion:105 Resp: 215942
Ion Ratio Lower Upper
105 100
120 51.2 25.3 75.9



#84
sec-Butylbenzene
Concen: 5.166 ug/l
RT: 13.571 min Scan# 4048
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:105 Resp: 326149
Ion Ratio Lower Upper
105 100
134 20.9 11.6 34.7





#85

p-Isopropyltoluene

Concen: 4.669 ug/l

RT: 13.700 min Scan# 4088

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

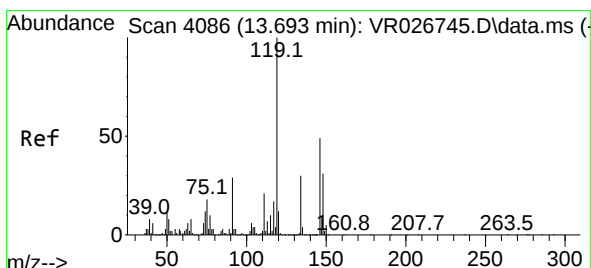
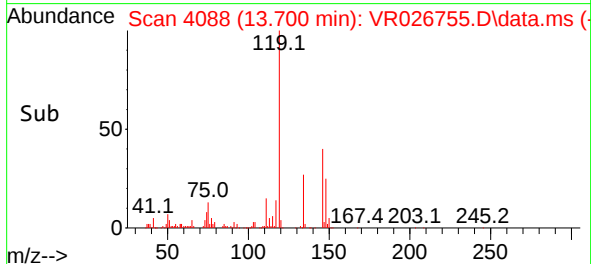
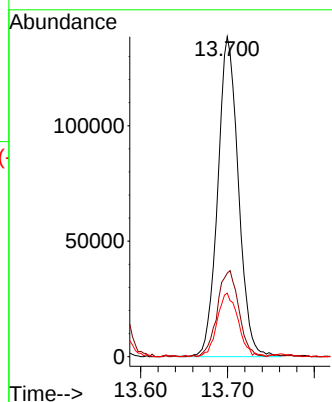
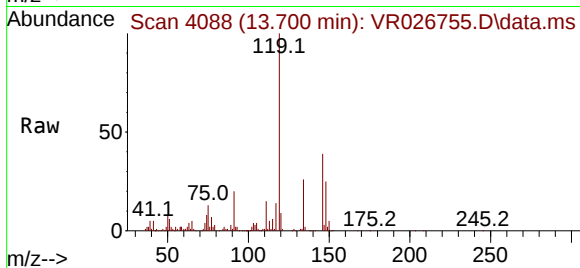
Tgt Ion:119 Resp: 229076

Ion Ratio Lower Upper

119 100

134 28.2 14.4 43.2

91 20.2 12.7 38.0



#86

1,3-Dichlorobenzene

Concen: 4.860 ug/l

RT: 13.693 min Scan# 4086

Delta R.T. 0.000 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

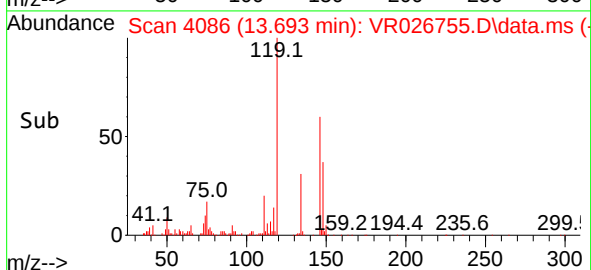
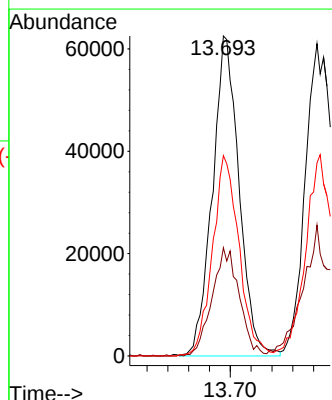
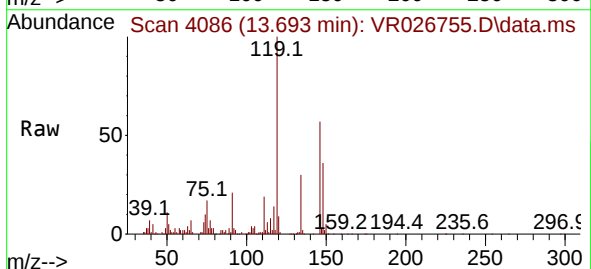
Tgt Ion:146 Resp: 111073

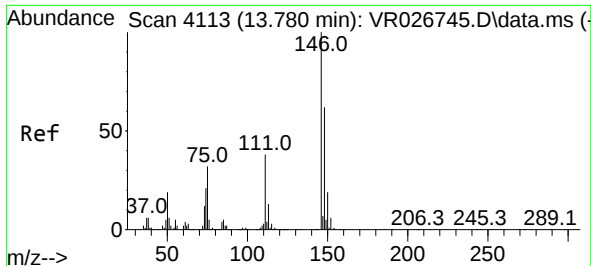
Ion Ratio Lower Upper

146 100

111 34.5 20.9 62.7

148 62.4 31.8 95.3





#87

1,4-Dichlorobenzene

Concen: 5.228 ug/l

RT: 13.783 min Scan# 4113

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

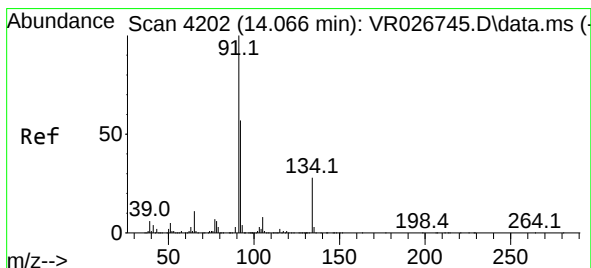
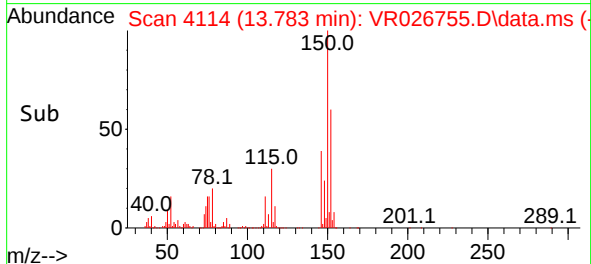
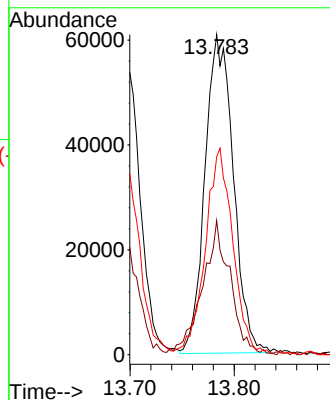
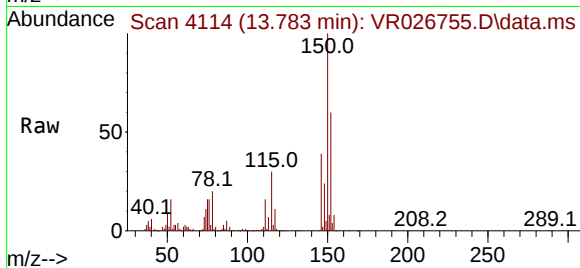
Tgt Ion:146 Resp: 115116

Ion Ratio Lower Upper

146 100

111 41.3 18.6 55.6

148 62.2 31.5 94.5



#88

n-Butylbenzene

Concen: 5.010 ug/l

RT: 14.072 min Scan# 4204

Delta R.T. 0.006 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

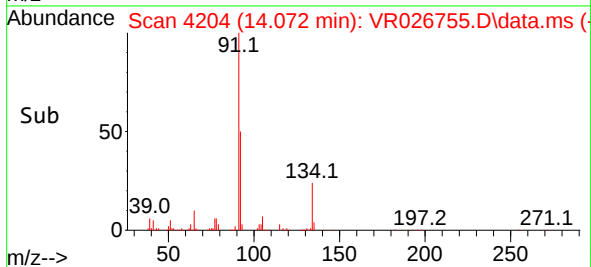
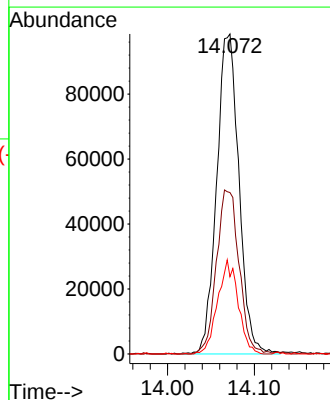
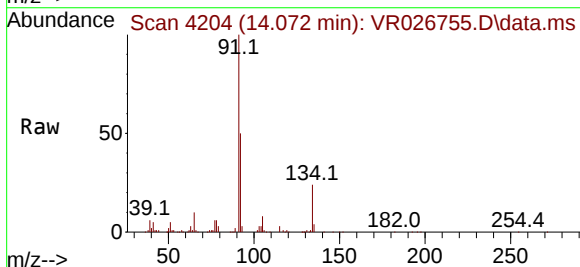
Tgt Ion: 91 Resp: 175605

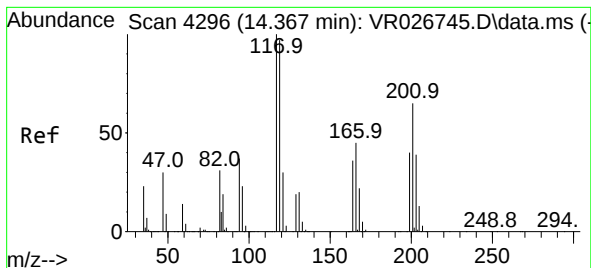
Ion Ratio Lower Upper

91 100

92 52.0 27.7 83.0

134 27.1 13.5 40.5





#89

Hexachloroethane

Concen: 4.084 ug/l

RT: 14.374 min Scan# 41

Delta R.T. 0.007 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

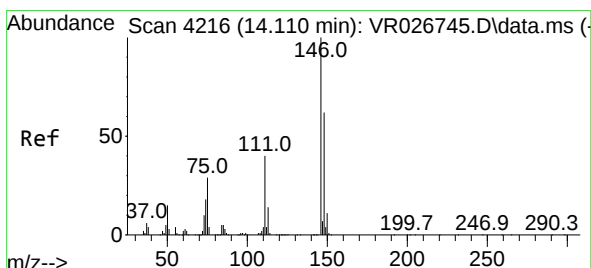
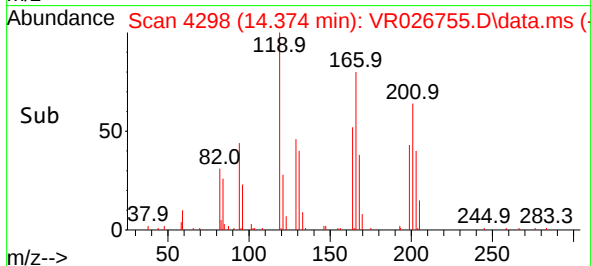
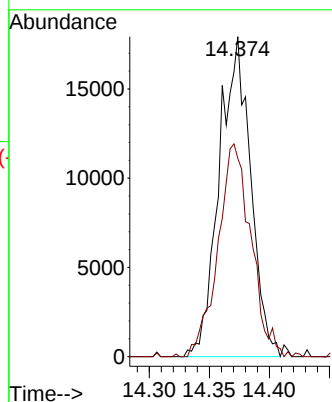
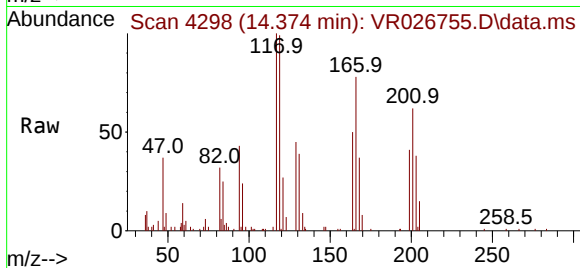
LOQ-WATER-02-QT3-2025

Tgt Ion:117 Resp: 32500

Ion Ratio Lower Upper

117 100

201 70.0 33.3 99.9



#90

1,2-Dichlorobenzene

Concen: 5.339 ug/l

RT: 14.120 min Scan# 4219

Delta R.T. 0.010 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

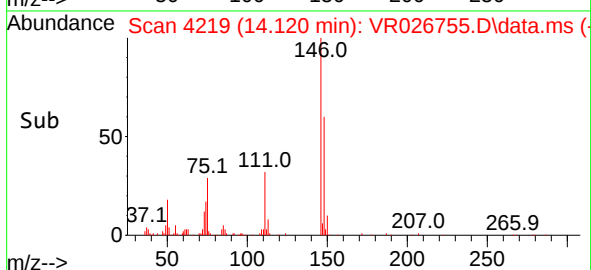
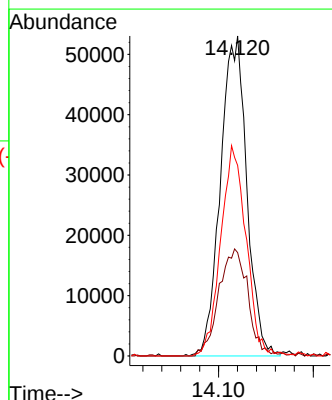
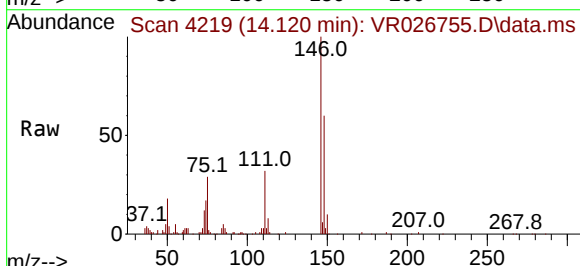
Tgt Ion:146 Resp: 102476

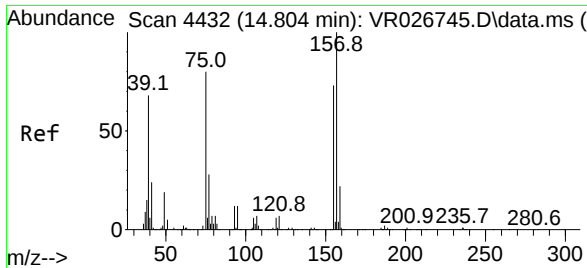
Ion Ratio Lower Upper

146 100

111 36.9 19.9 59.7

148 63.3 31.5 94.5

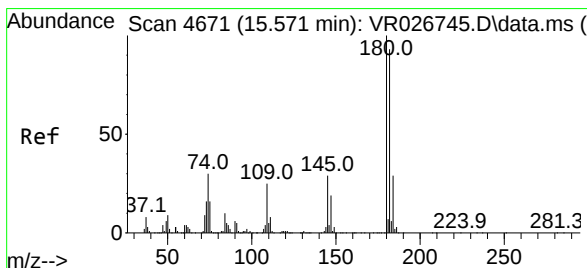
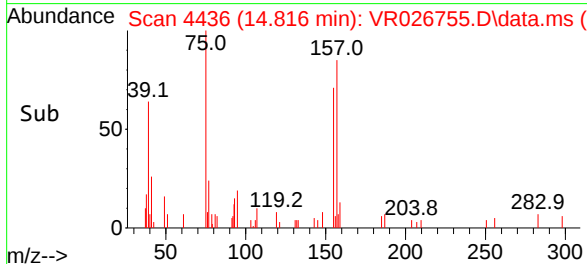
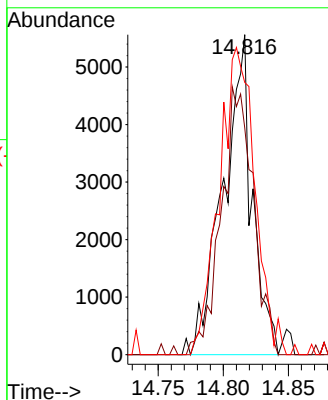
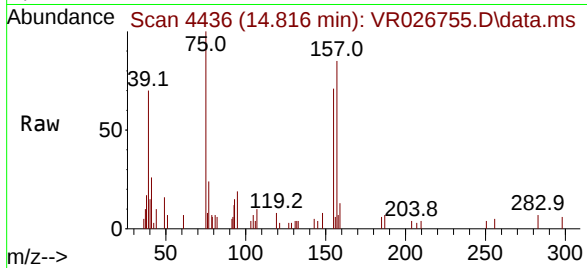




#91
1,2-Dibromo-3-Chloropropane
Concen: 4.332 ug/l
RT: 14.816 min Scan# 4436
Delta R.T. 0.012 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

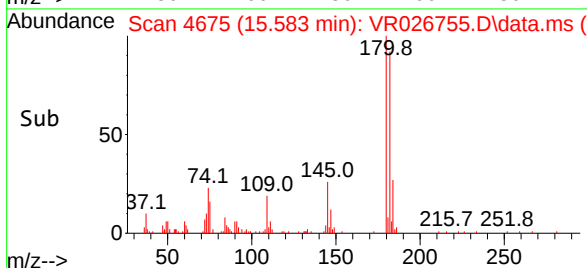
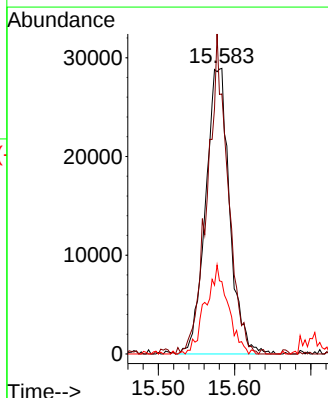
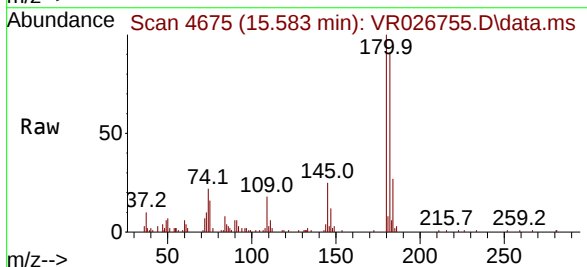
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

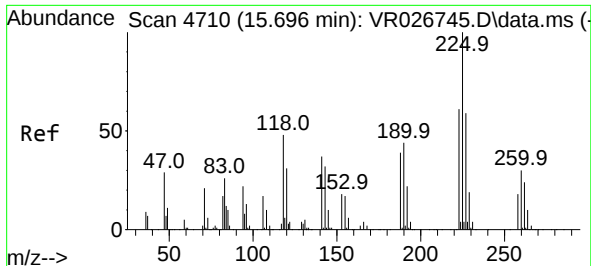
Tgt Ion:	75	Resp:	8645
Ion	Ratio	Lower	Upper
75	100		
155	92.3	48.4	145.3
157	117.6	62.3	186.8



#92
1,2,4-Trichlorobenzene
Concen: 5.031 ug/l
RT: 15.583 min Scan# 4675
Delta R.T. 0.013 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:	180	Resp:	63451
Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.1	141.4
145	29.0	14.4	43.4

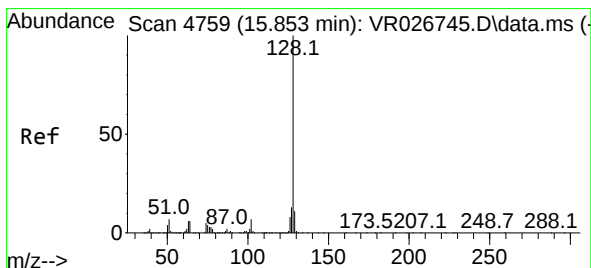
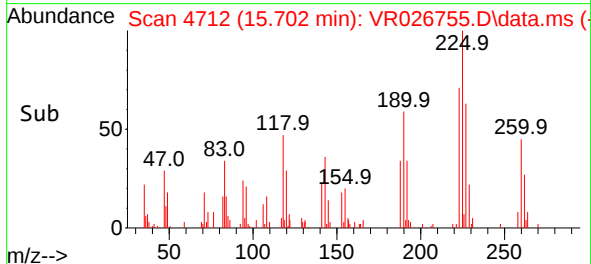
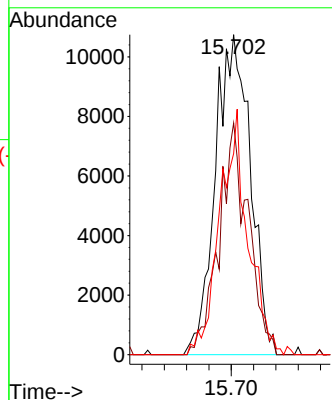
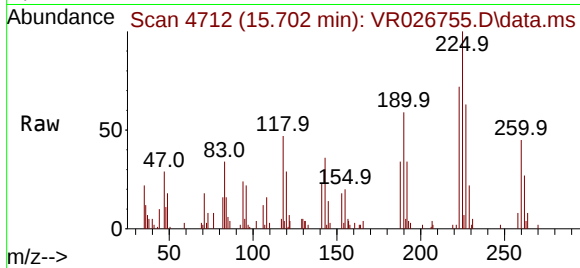




#93
Hexachlorobutadiene
Concen: 5.633 ug/l
RT: 15.702 min Scan# 4712
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

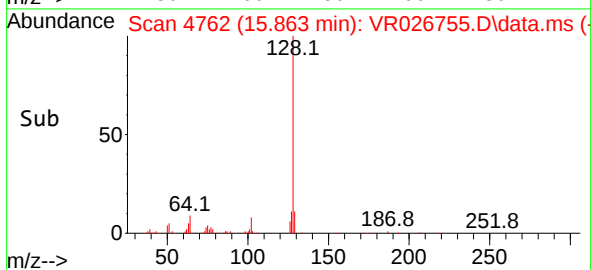
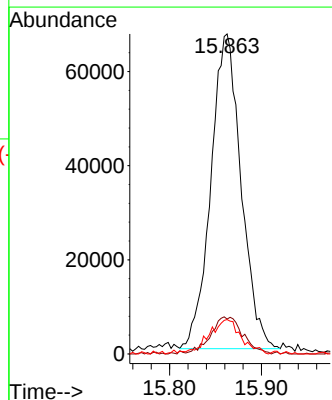
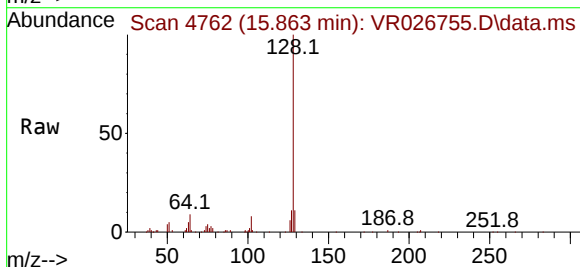
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

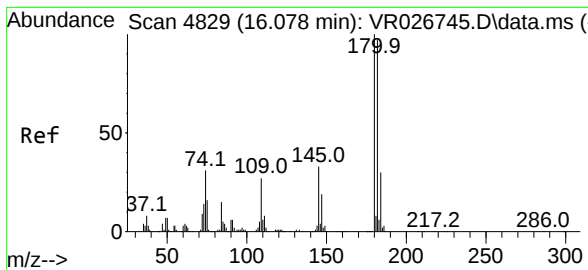
Tgt Ion:	225	Resp:	23415
Ion Ratio	Lower	Upper	
225	100		
223	60.8	31.5	94.5
227	61.6	31.3	93.8



#94
Naphthalene
Concen: 4.244 ug/l
RT: 15.863 min Scan# 4762
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:	128	Resp:	153019
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.0	15.0
129	11.5	8.7	13.1





#95
 1,2,3-Trichlorobenzene
 Concen: 5.068 ug/l
 RT: 16.084 min Scan# 4831
 Delta R.T. 0.006 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT3-2025

Tgt Ion:	180	Resp:	62014
Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.5	142.6
145	28.1	15.6	46.8

