

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR081125\
 Data File : VR026736.D
 Acq On : 11 Aug 2025 13:01
 Operator : SY/MD
 Sample : Q2126-07
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Aug 12 03:02:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.295	168	344547	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.325	114	614767	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.540	117	487279	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.741	152	222286	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.686	65	203519	46.670	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.340%
34) Dibromofluoromethane	7.202	113	176061m	46.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.600%
49) Toluene-d8	10.032	98	696083	51.098	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.200%
61) 4-Bromofluorobenzene	12.676	95	183890	47.460	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.663	85	5453	2.172	ug/l	95
3) Chloromethane	1.840	50	8618	2.309	ug/l	95
4) Vinyl Chloride	1.962	62	9263	2.428	ug/l #	81
5) Bromomethane	2.302	94	6877	3.700	ug/l #	58
6) Chloroethane	2.424	64	6266	2.551	ug/l #	73
7) Trichlorofluoromethane	2.716	101	23414m	3.406	ug/l	
8) Diethyl Ether	3.078	74	6410m	2.101	ug/l	
9) 1,1,2-Trichlorotrifluo...	3.377	101	7880m	2.125	ug/l	
10) Methyl Iodide	3.544	142	6415m	1.792	ug/l	
11) Tert butyl alcohol	4.323	59	7539m	11.050	ug/l	
12) 1,1-Dichloroethene	3.361	96	7691	2.098	ug/l #	70
13) Acrolein	3.245	56	40802	40.910	ug/l	98
14) Allyl chloride	3.884	41	15443m	2.142	ug/l	
15) Acrylonitrile	4.474	53	33319m	12.302	ug/l	
16) Acetone	3.447	43	40847m	19.957	ug/l	
17) Carbon Disulfide	3.633	76	7775m	1.433	ug/l	
18) Methyl Acetate	3.890	43	14647m	1.715	ug/l	
19) Methyl tert-butyl Ether	4.548	73	28079m	1.914	ug/l	
20) Methylene Chloride	4.083	84	11538	2.375	ug/l #	71
21) trans-1,2-Dichloroethene	4.525	96	7546m	1.873	ug/l	
22) Diisopropyl ether	5.466	45	34096m	2.018	ug/l	
23) Vinyl Acetate	5.392	43	106050	11.008	ug/l #	92
24) 1,1-Dichloroethane	5.341	63	17177m	2.007	ug/l	
25) 2-Butanone	6.380	43	42259m	13.340	ug/l	
26) 2,2-Dichloropropane	6.335	77	10017m	1.693	ug/l	
27) cis-1,2-Dichloroethene	6.355	96	10593m	2.044	ug/l	
28) Bromochloromethane	6.743	49	8150	2.643	ug/l #	51
29) Chloroform	6.948	83	17008m	2.295	ug/l	
30) Cyclohexane	7.279	56	18992	2.748	ug/l #	78
31) 1,1,1-Trichloroethane	7.179	97	10992m	2.053	ug/l	
35) 1,1-Dichloropropene	7.426	75	10592m	2.208	ug/l	
36) Ethyl Acetate	6.480	43	15467m	2.693	ug/l	
37) Carbon Tetrachloride	7.417	117	7632m	1.954	ug/l	
38) Methylcyclohexane	8.883	83	9268m	1.688	ug/l	
39) Benzene	7.712	78	34573	2.001	ug/l #	76
40) Methacrylonitrile	6.727	41	8824m	2.472	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.789	62	10055	2.288	ug/l	85
42) Isopropyl Acetate	7.869	43	18942	2.051	ug/l #	84
43) Trichloroethene	8.604	130	7219	2.173	ug/l	50
44) 1,2-Dichloropropane	8.912	63	9015	2.205	ug/l #	88
45) Dibromomethane	9.024	93	5838m	2.568	ug/l	
46) Bromodichloromethane	9.246	83	9862m	2.239	ug/l	
47) Methyl methacrylate	9.024	41	9032m	2.235	ug/l	
48) 1,4-Dioxane	9.031	88	4174m	64.117	ug/l	
50) 4-Methyl-2-Pentanone	9.916	43	58495	12.134	ug/l	100
51) Toluene	10.109	92	18475	2.095	ug/l #	58
52) t-1,3-Dichloropropene	10.362	75	7082m	1.640	ug/l	
53) cis-1,3-Dichloropropene	9.740	75	8671	1.674	ug/l #	75
54) 1,1,2-Trichloroethane	10.571	97	8769	2.723	ug/l #	81
55) Ethyl methacrylate	10.430	69	10273m	1.932	ug/l	
56) 1,3-Dichloropropane	10.735	76	13332	2.430	ug/l #	72
57) 2-Chloroethyl Vinyl ether	9.586	63	4679m	15.920	ug/l	
58) 2-Hexanone	10.796	43	43171	13.284	ug/l	95
59) Dibromochloromethane	10.956	129	6533	2.397	ug/l #	44
60) 1,2-Dibromoethane	11.072	107	6028	2.175	ug/l	95
63) Tetrachloroethene	10.655	164	5926m	2.226	ug/l	
64) Chlorobenzene	11.566	112	23516	2.319	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.649	131	6480	2.339	ug/l #	30
66) Ethyl Benzene	11.662	91	34263	2.023	ug/l	96
67) m/p-Xylenes	11.790	106	27830	4.114	ug/l	85
68) o-Xylene	12.153	106	14182	2.160	ug/l	88
69) Styrene	12.179	104	19562	1.783	ug/l #	85
70) Bromoform	12.358	173	3457m	2.205	ug/l	
72) Isopropylbenzene	12.503	105	30490	1.924	ug/l	96
73) N-amyl acetate	12.304	43	12651	2.014	ug/l #	95
74) 1,1,2,2-Tetrachloroethane	12.788	83	11869	2.553	ug/l	93
75) 1,2,3-Trichloropropane	12.846	75	5237m	1.421	ug/l	
76) Bromobenzene	12.817	156	8366	2.282	ug/l #	50
77) n-propylbenzene	12.894	91	39703	2.100	ug/l	100
78) 2-Chlorotoluene	12.984	91	21872	2.039	ug/l	83
79) 1,3,5-Trimethylbenzene	13.055	105	24858	2.006	ug/l	99
80) trans-1,4-Dichloro-2-b...	12.554	75	2065m	1.632	ug/l	
81) 4-Chlorotoluene	13.100	91	23761	2.169	ug/l	87
82) tert-Butylbenzene	13.356	119	21982	1.951	ug/l #	40
83) 1,2,4-Trimethylbenzene	13.401	105	23453	1.912	ug/l	88
84) sec-Butylbenzene	13.549	105	33072	1.979	ug/l	93
85) p-Isopropyltoluene	13.677	119	26702	1.960	ug/l	91
86) 1,3-Dichlorobenzene	13.671	146	18828m	2.619	ug/l	
87) 1,4-Dichlorobenzene	13.764	146	19841m	2.750	ug/l	
88) n-Butylbenzene	14.056	91	27719	2.207	ug/l	94
89) Hexachloroethane	14.354	117	3672m	1.877	ug/l	
90) 1,2-Dichlorobenzene	14.094	146	18026	2.670	ug/l	86
91) 1,2-Dibromo-3-Chloropr...	14.788	75	2326m	3.758	ug/l	
92) 1,2,4-Trichlorobenzene	15.555	180	11075	2.743	ug/l #	39
93) Hexachlorobutadiene	15.683	225	4234m	3.228	ug/l	
94) Naphthalene	15.837	128	45188	3.653	ug/l #	81
95) 1,2,3-Trichlorobenzene	16.058	180	10446	2.726	ug/l	81

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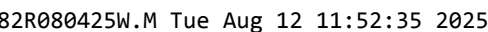
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

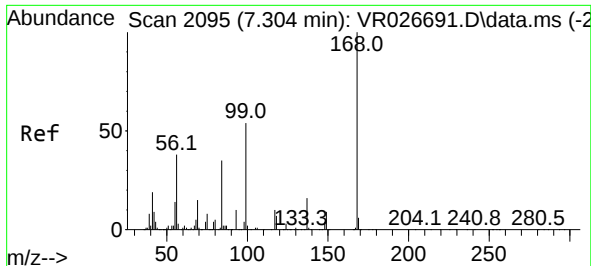
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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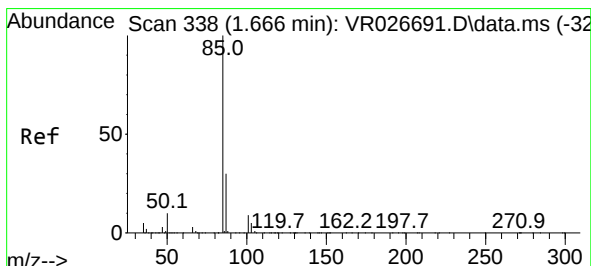
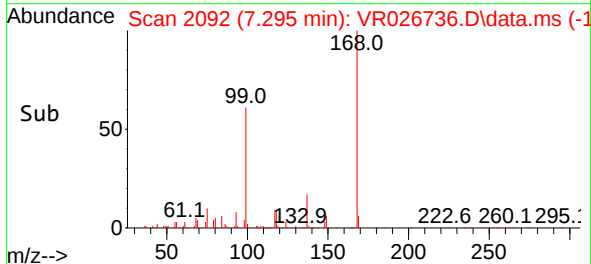
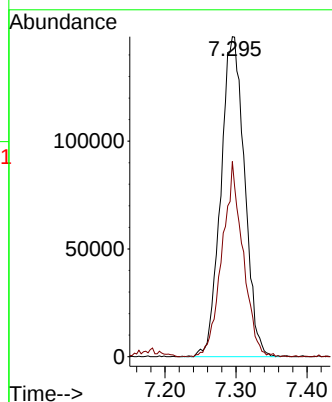
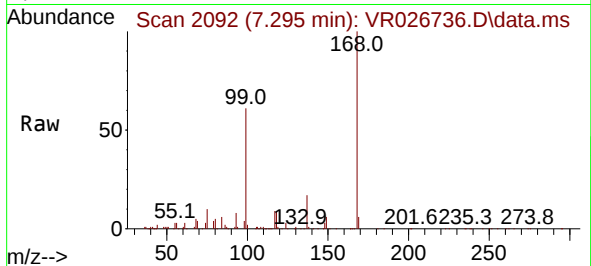




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.295 min Scan# 2095
Delta R.T. -0.009 min
Lab File: VR026736.D
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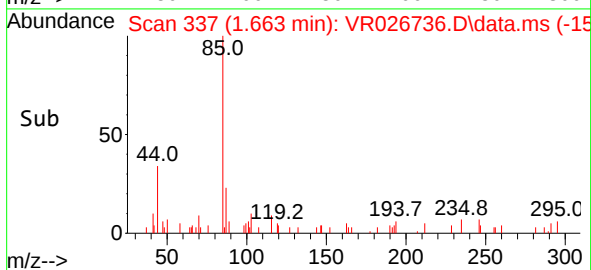
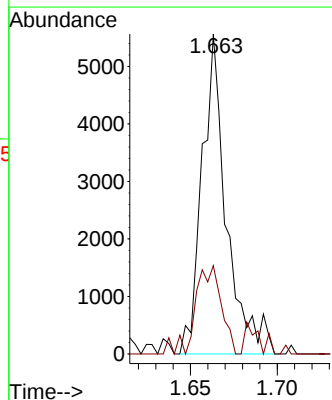
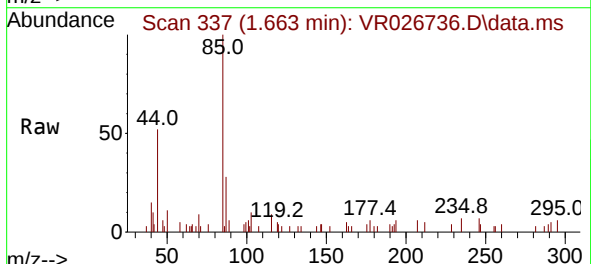
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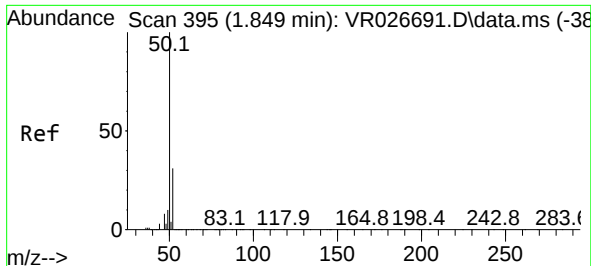
Tgt Ion:168 Resp: 344547
Ion Ratio Lower Upper
168 100
99 61.0 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 2.172 ug/l
RT: 1.663 min Scan# 337
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 85 Resp: 5453
Ion Ratio Lower Upper
85 100
87 27.6 15.2 45.5

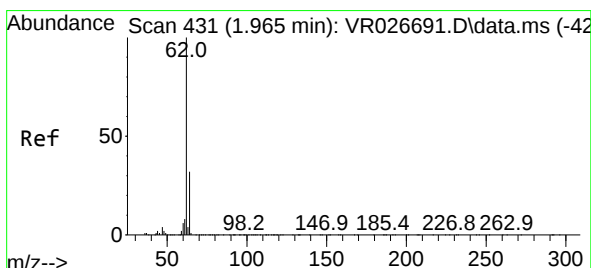
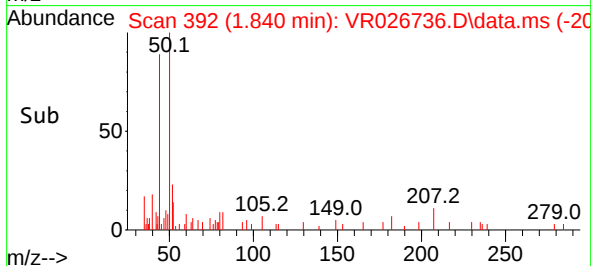
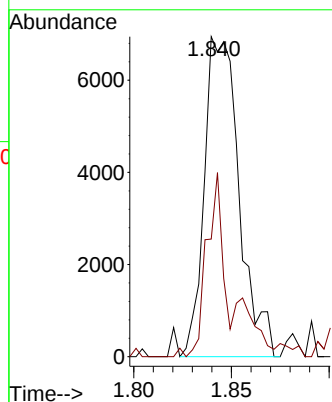
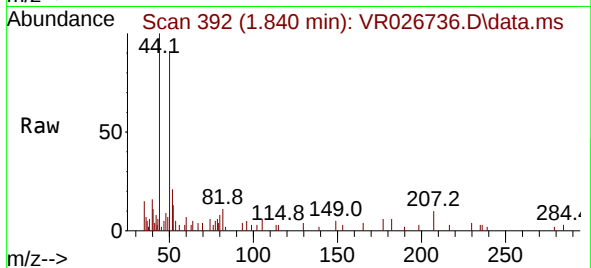




#3
Chloromethane
Concen: 2.309 ug/l
RT: 1.840 min Scan# 391
Delta R.T. -0.010 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

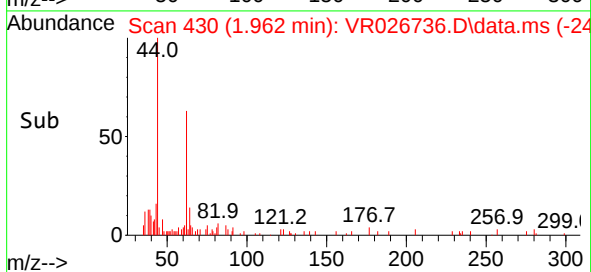
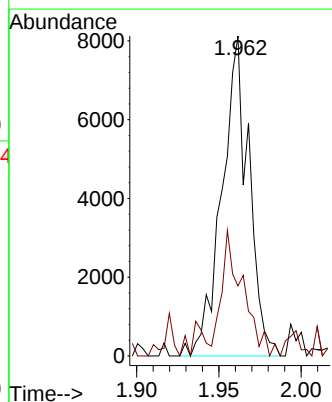
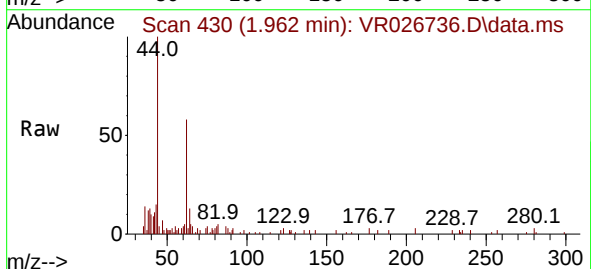
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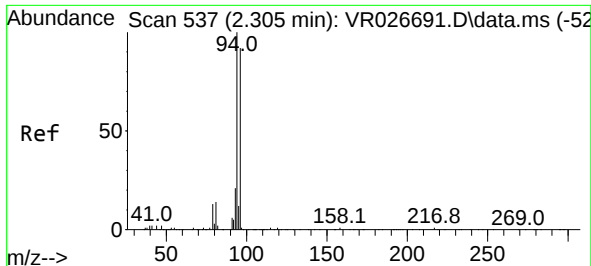
Tgt Ion: 50 Resp: 8618
Ion Ratio Lower Upper
50 100
52 34.1 25.0 37.4



#4
Vinyl Chloride
Concen: 2.428 ug/l
RT: 1.962 min Scan# 430
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 62 Resp: 9263
Ion Ratio Lower Upper
62 100
64 21.9 25.9 38.9#

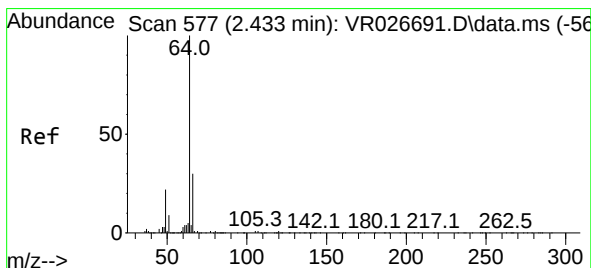
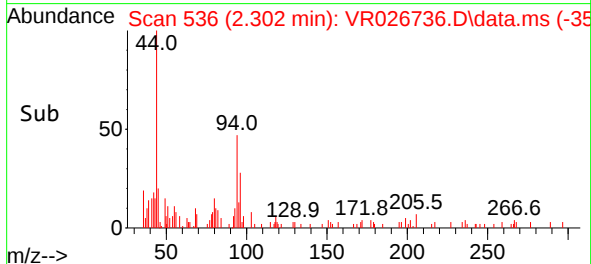
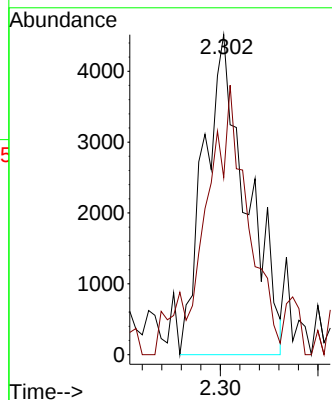
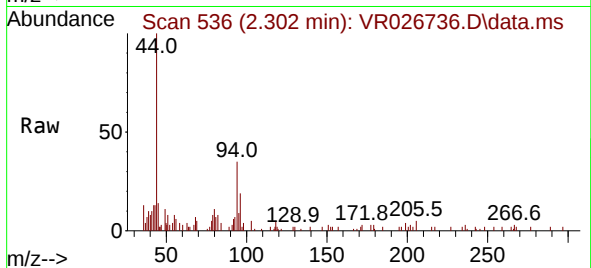




#5
Bromomethane
Concen: 3.700 ug/l
RT: 2.302 min Scan# 51
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

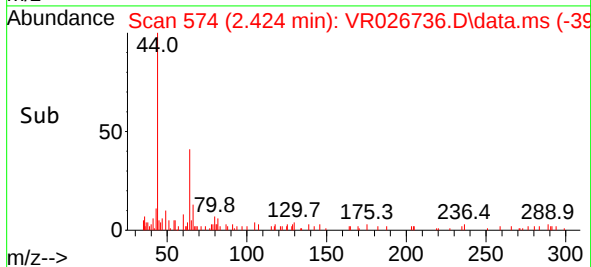
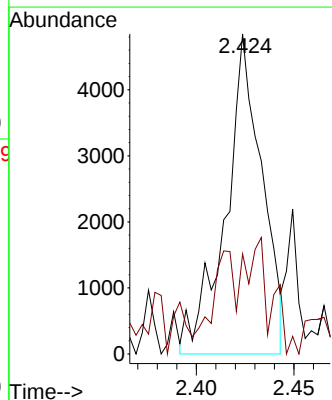
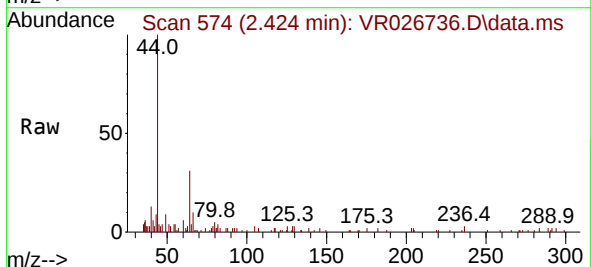
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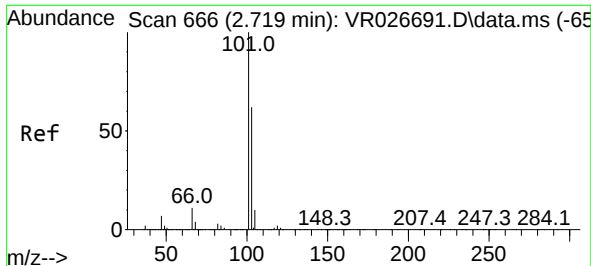
Tgt Ion: 94 Resp: 6877
Ion Ratio Lower Upper
94 100
96 51.8 73.3 109.9#



#6
Chloroethane
Concen: 2.551 ug/l
RT: 2.424 min Scan# 574
Delta R.T. -0.010 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 64 Resp: 6266
Ion Ratio Lower Upper
64 100
66 15.5 24.3 36.5#

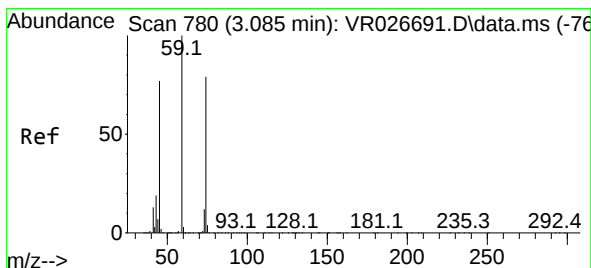
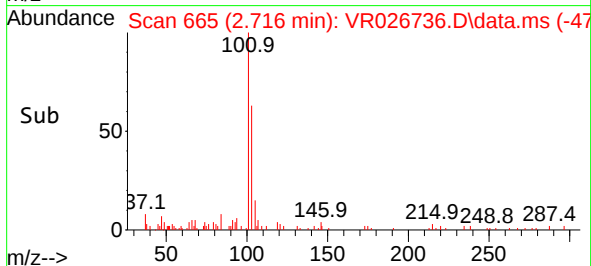
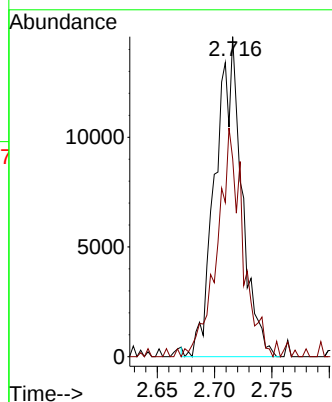
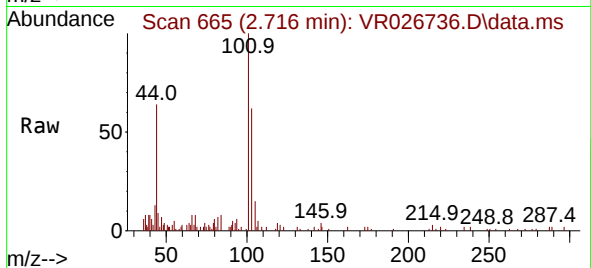




#7
Trichlorofluoromethane
Concen: 3.406 ug/l m
RT: 2.716 min Scan# 666
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

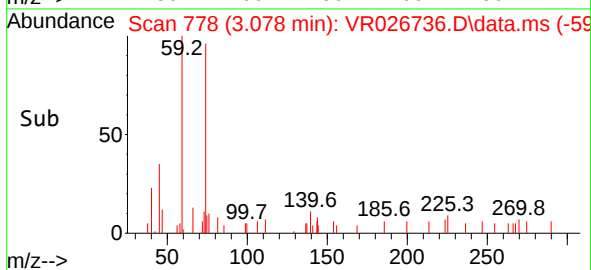
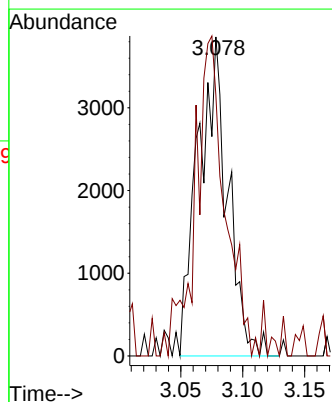
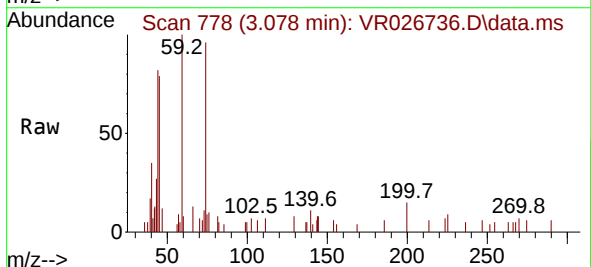
Instrument : MSVOA_R
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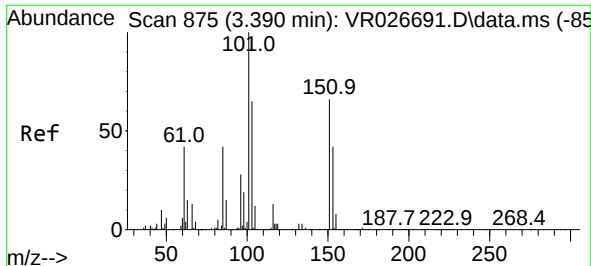
Tgt Ion:101 Resp: 23414
Ion Ratio Lower Upper
101 100
103 61.8 49.4 74.2



#8
Diethyl Ether
Concen: 2.101 ug/l m
RT: 3.078 min Scan# 778
Delta R.T. -0.006 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 74 Resp: 6410
Ion Ratio Lower Upper
74 100
45 3.5 47.1 141.3#

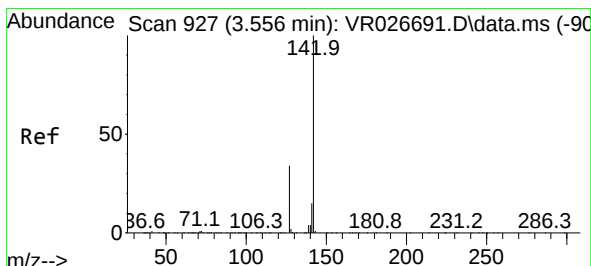
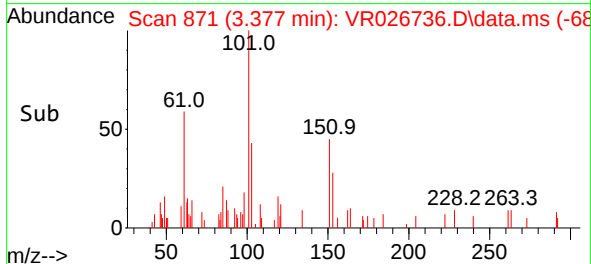
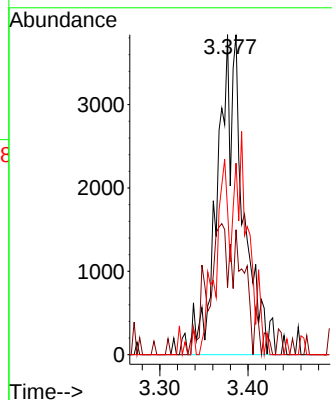
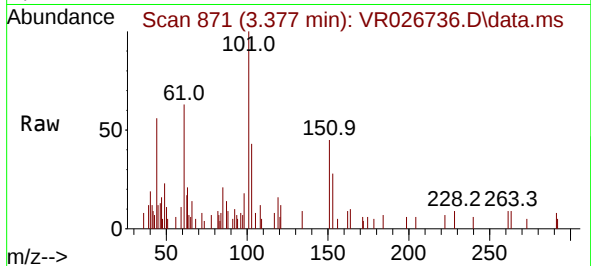




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.125 ug/l m
RT: 3.377 min Scan# 81
Delta R.T. -0.013 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

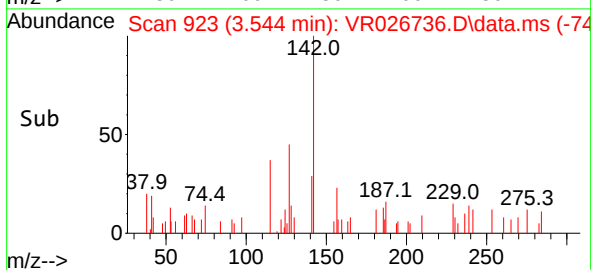
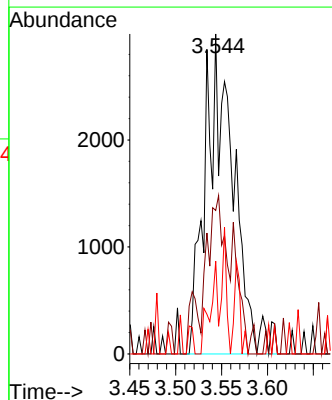
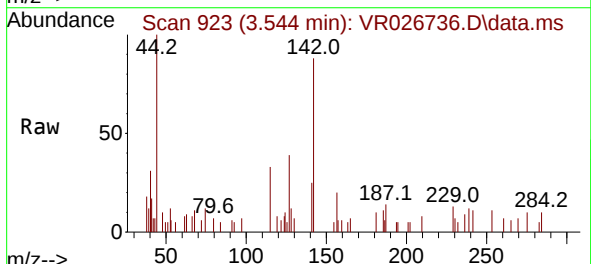
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

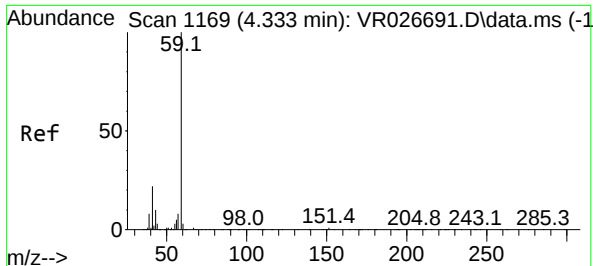
Tgt Ion:101 Resp: 7880
Ion Ratio Lower Upper
101 100
85 12.4 34.5 51.7#
151 31.4 53.4 80.0#



#10
Methyl Iodide
Concen: 1.792 ug/l m
RT: 3.544 min Scan# 923
Delta R.T. -0.013 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion:142 Resp: 6415
Ion Ratio Lower Upper
142 100
127 25.8 30.1 45.1#
141 8.1 10.8 16.2#





#11

Tert butyl alcohol

Concen: 11.050 ug/l m

RT: 4.323 min Scan# 1166

Delta R.T. -0.010 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

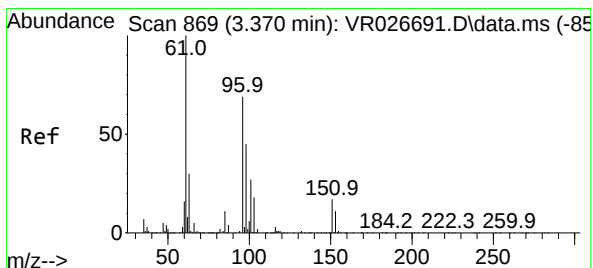
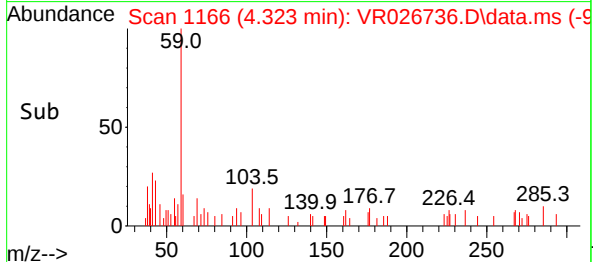
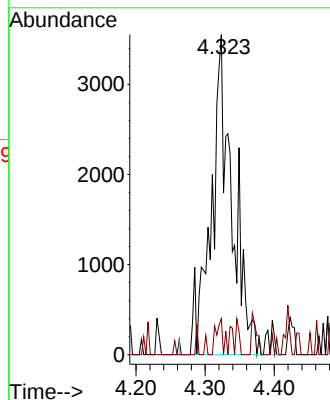
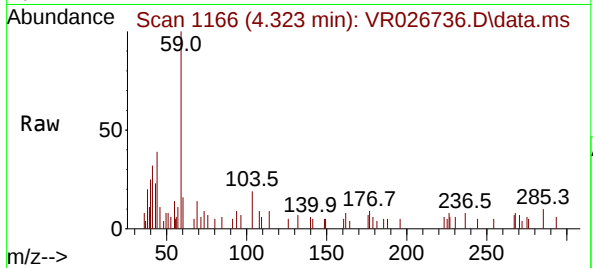
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 59 Resp: 7539

Ion Ratio Lower Upper

59 100

57 3.2 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 2.098 ug/l

RT: 3.361 min Scan# 866

Delta R.T. -0.010 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

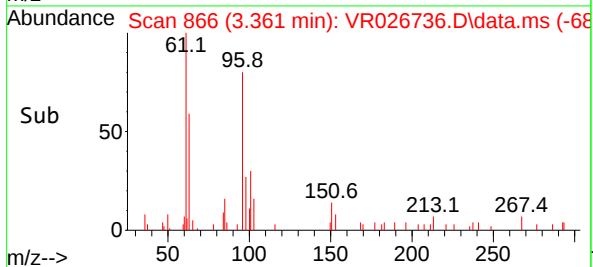
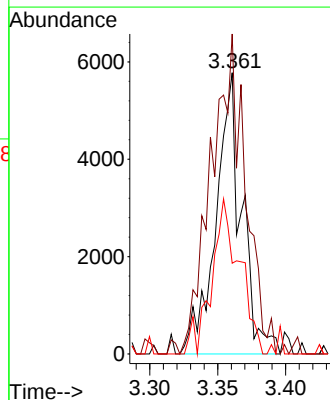
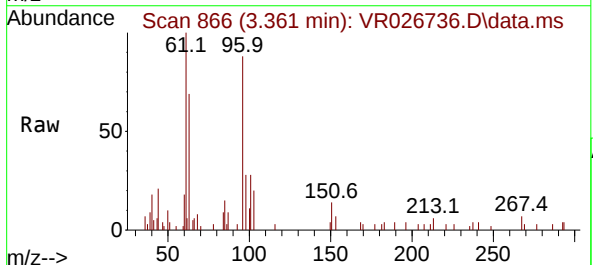
Tgt Ion: 96 Resp: 7691

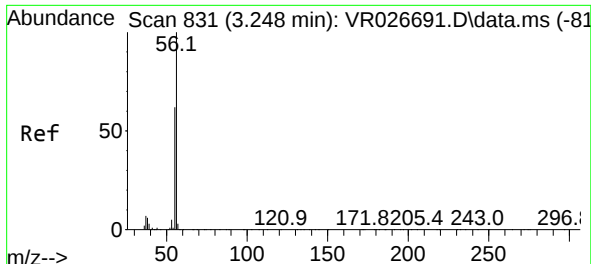
Ion Ratio Lower Upper

96 100

61 113.7 116.2 174.4#

98 32.2 52.3 78.5#

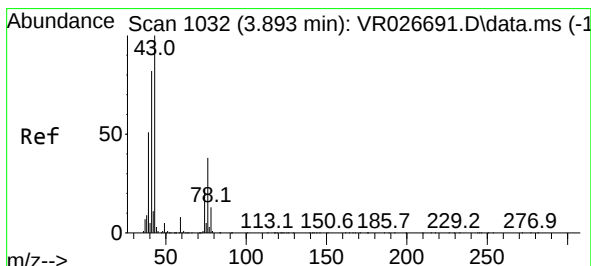
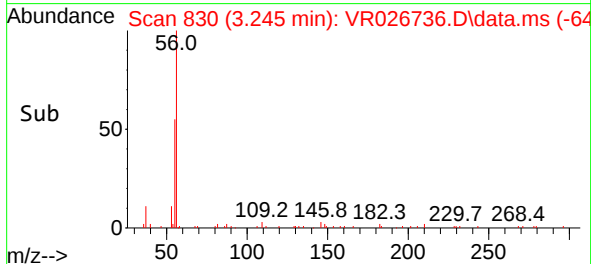
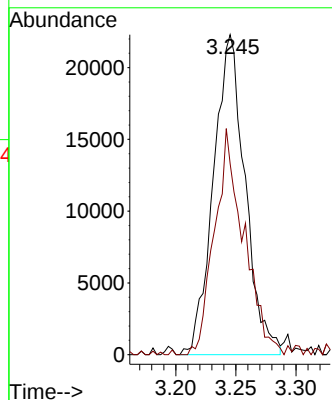
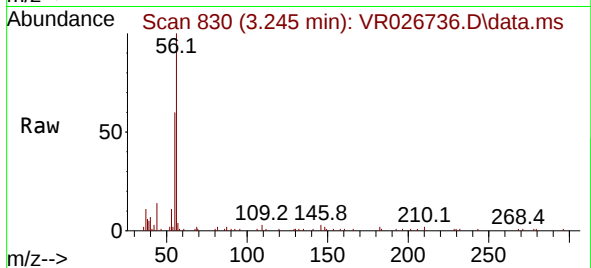




#13
Acrolein
Concen: 40.910 ug/l
RT: 3.245 min Scan# 81
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

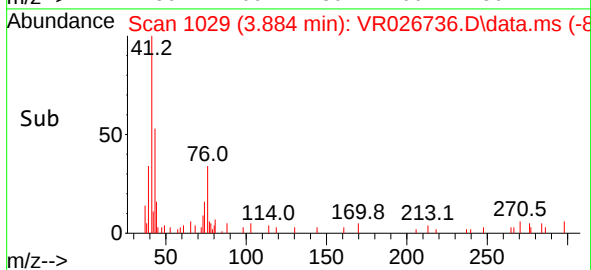
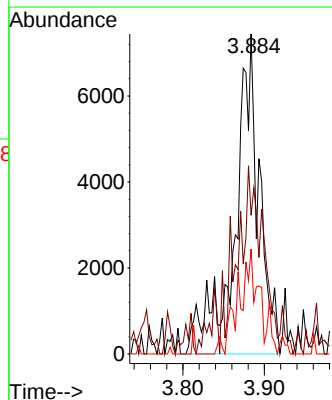
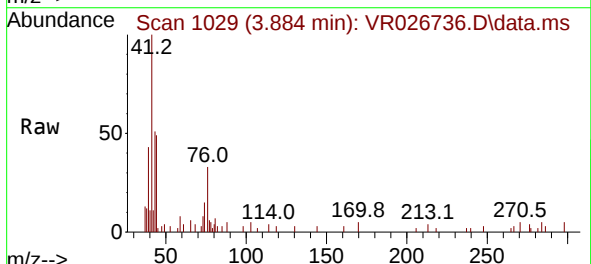
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

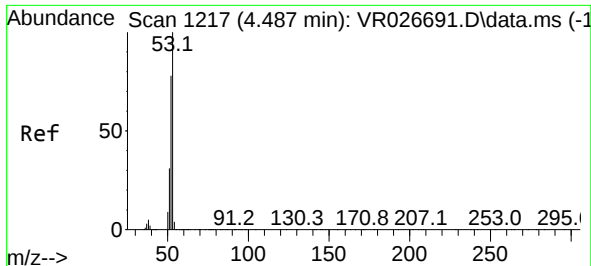
Tgt Ion: 56 Resp: 40802
Ion Ratio Lower Upper
56 100
55 65.3 53.8 80.8



#14
Allyl chloride
Concen: 2.142 ug/l m
RT: 3.884 min Scan# 1029
Delta R.T. -0.010 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 41 Resp: 15443
Ion Ratio Lower Upper
41 100
39 11.8 44.2 66.2#
76 16.2 31.0 46.4#

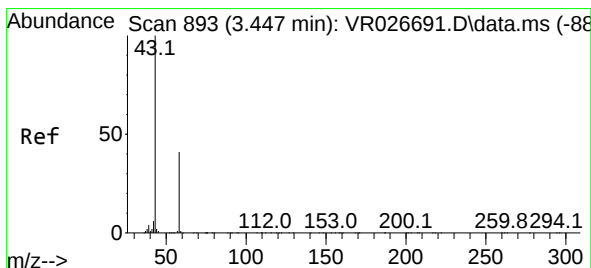
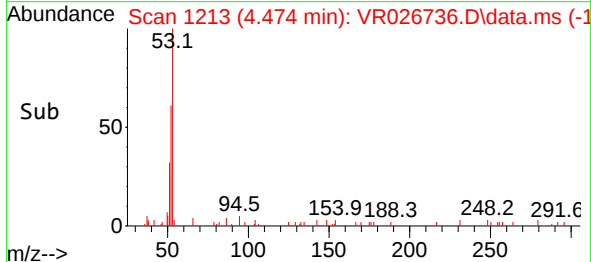
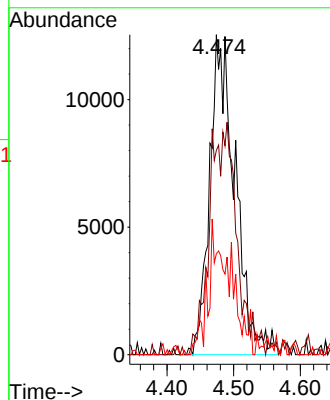
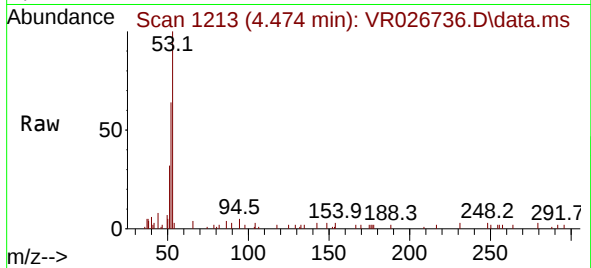




#15
Acrylonitrile
Concen: 12.302 ug/l m
RT: 4.474 min Scan# 11
Delta R.T. -0.013 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

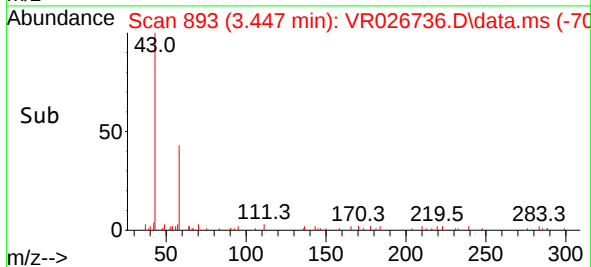
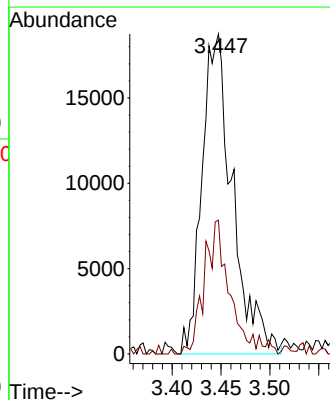
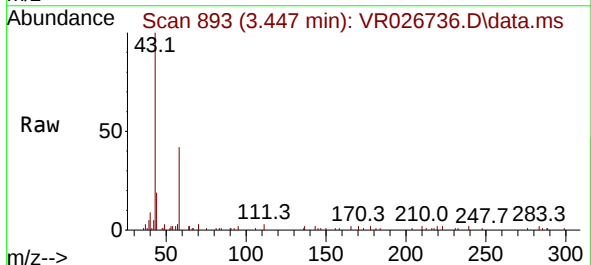
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

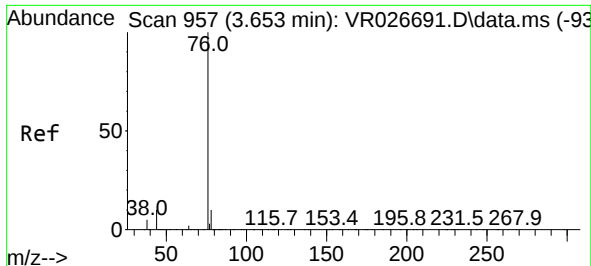
Tgt Ion: 53 Resp: 33319
Ion Ratio Lower Upper
53 100
52 25.9 61.4 92.2#
51 13.9 25.8 38.6#



#16
Acetone
Concen: 19.957 ug/l m
RT: 3.447 min Scan# 893
Delta R.T. -0.000 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 43 Resp: 40847
Ion Ratio Lower Upper
43 100
58 41.8 32.9 49.3

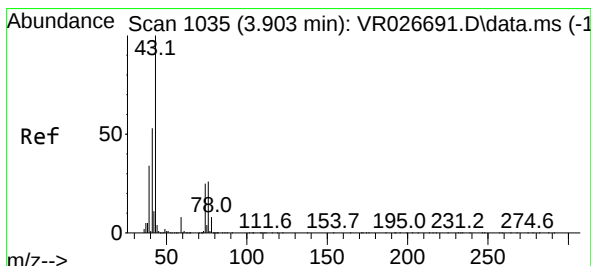
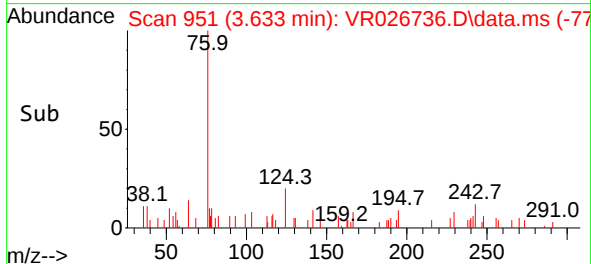
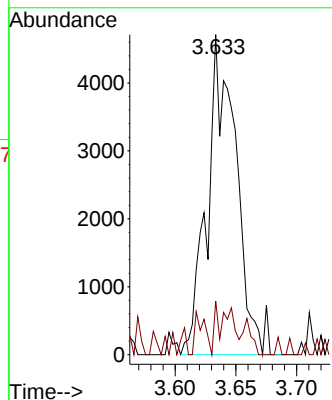
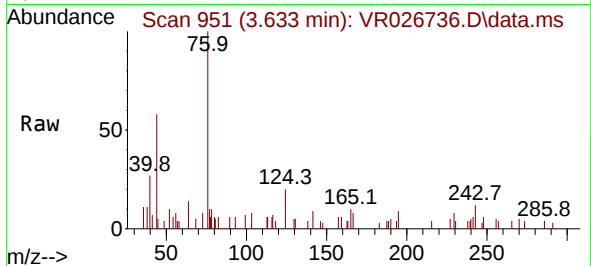




#17
Carbon Disulfide
Concen: 1.433 ug/l m
RT: 3.633 min Scan# 91
Delta R.T. -0.019 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

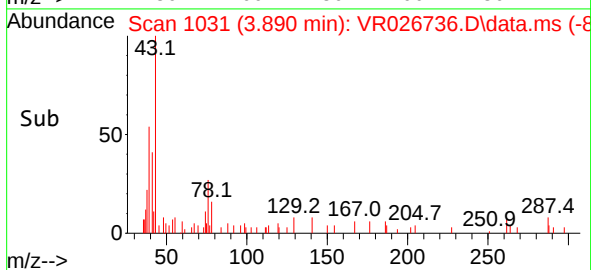
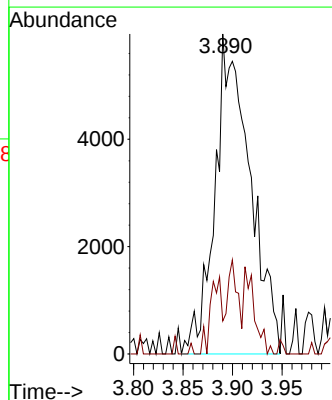
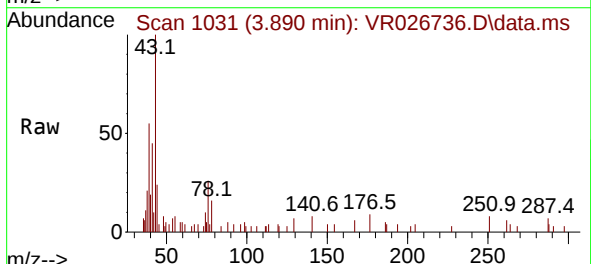
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

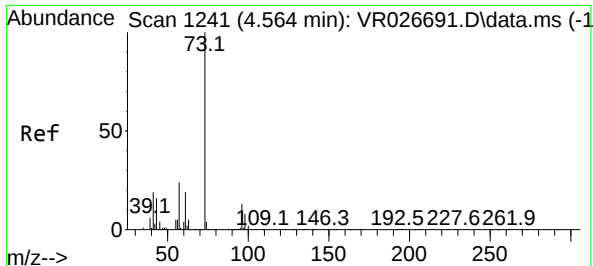
Tgt Ion: 76 Resp: 7775
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.6



#18
Methyl Acetate
Concen: 1.715 ug/l m
RT: 3.890 min Scan# 1031
Delta R.T. -0.013 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 43 Resp: 14647
Ion Ratio Lower Upper
43 100
74 7.8 19.4 29.0#

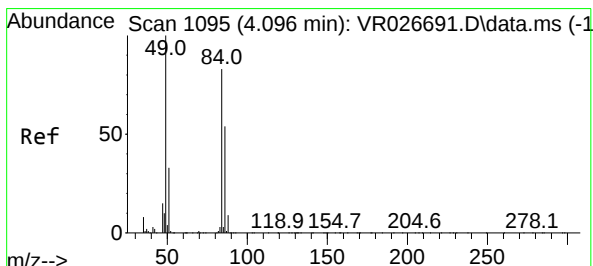
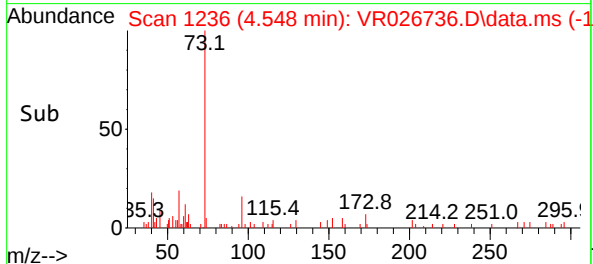
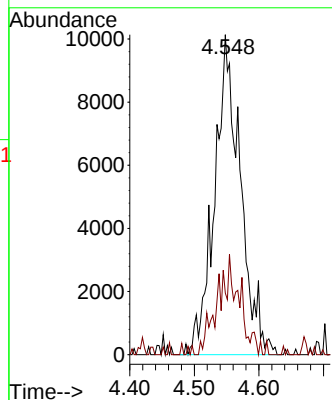
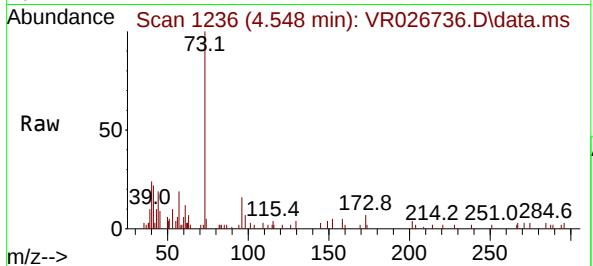




#19
Methyl tert-butyl Ether
Concen: 1.914 ug/l m
RT: 4.548 min Scan# 11
Delta R.T. -0.016 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

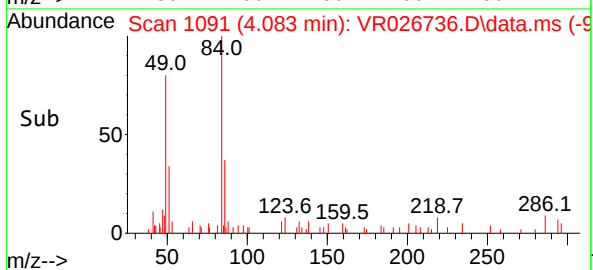
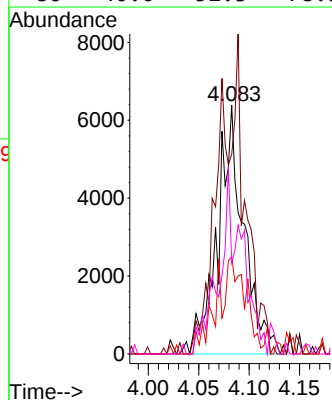
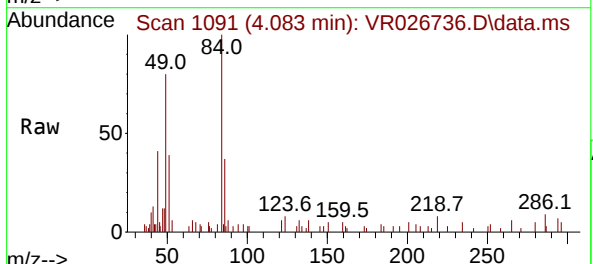
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

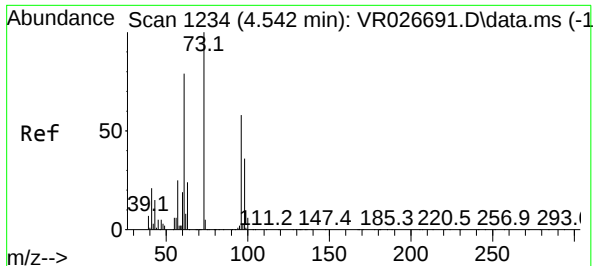
Tgt Ion: 73 Resp: 28079
Ion Ratio Lower Upper
73 100
57 19.2 19.4 29.0#



#20
Methylene Chloride
Concen: 2.375 ug/l
RT: 4.083 min Scan# 1091
Delta R.T. -0.013 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 84 Resp: 11538
Ion Ratio Lower Upper
84 100
49 80.4 96.2 144.4#
51 39.0 31.8 47.6
86 40.0 52.3 78.5#

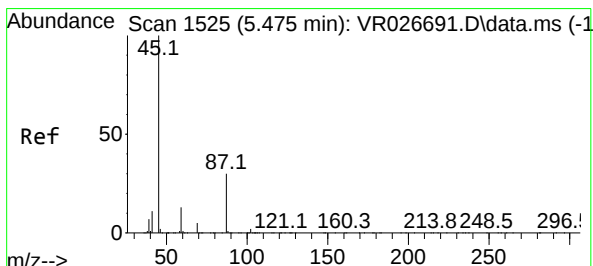
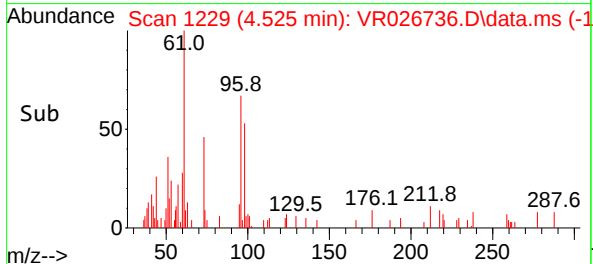
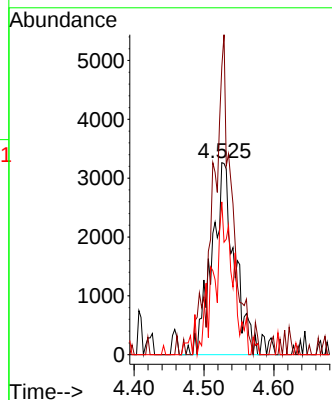
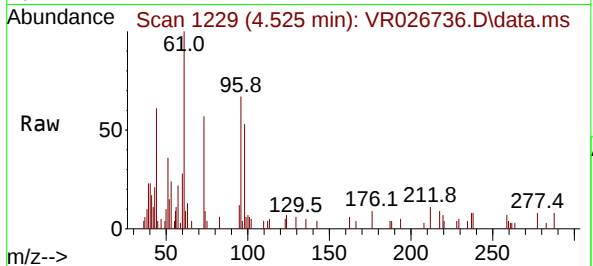




#21
trans-1,2-Dichloroethene
Concen: 1.873 ug/l m
RT: 4.525 min Scan# 11
Delta R.T. -0.016 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

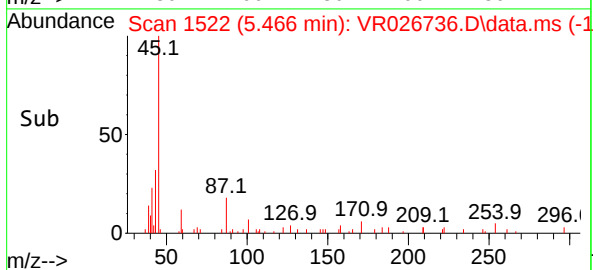
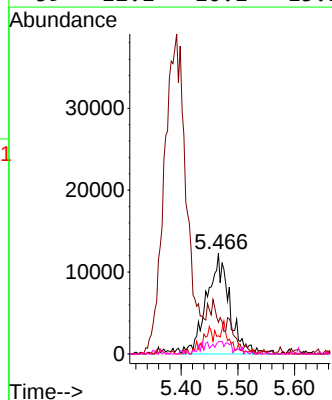
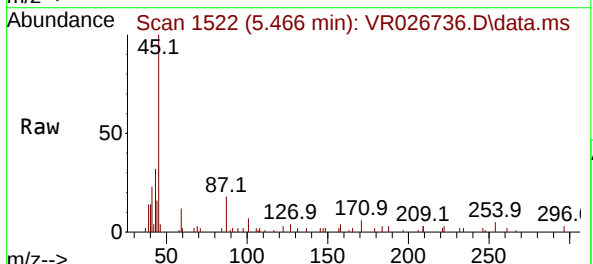
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

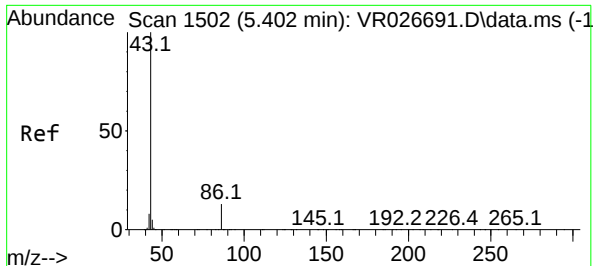
Tgt Ion: 96 Resp: 7546
Ion Ratio Lower Upper
96 100
61 149.8 110.3 165.5
98 79.6 50.2 75.4#



#22
Diisopropyl ether
Concen: 2.018 ug/l m
RT: 5.466 min Scan# 1522
Delta R.T. -0.010 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 45 Resp: 34096
Ion Ratio Lower Upper
45 100
43 31.6 38.2 57.2#
87 17.9 24.0 36.0#
59 12.1 10.1 15.1

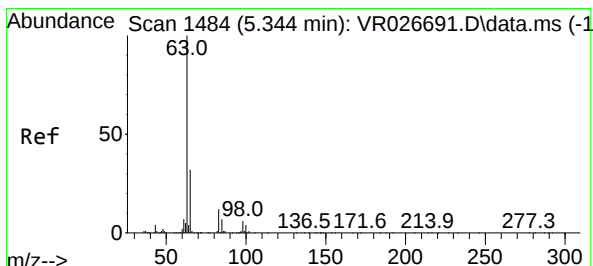
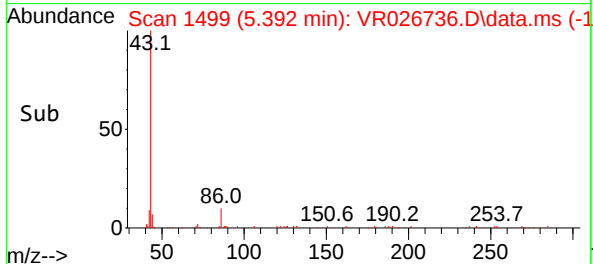
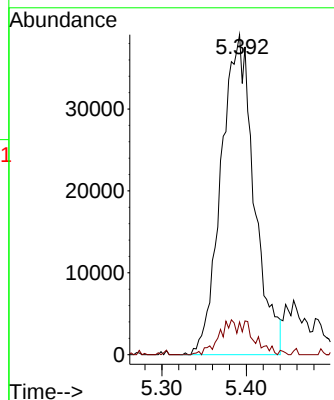
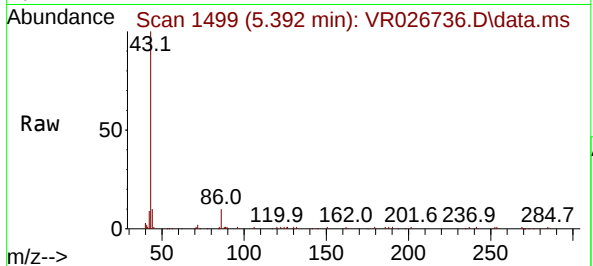




#23
 Vinyl Acetate
 Concen: 11.008 ug/l
 RT: 5.392 min Scan# 1499
 Delta R.T. -0.010 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

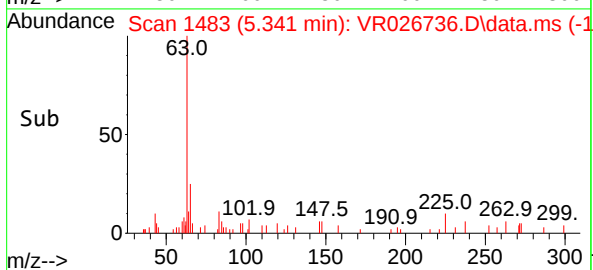
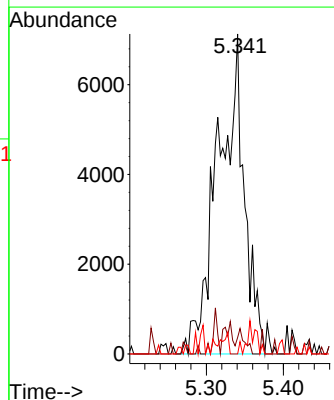
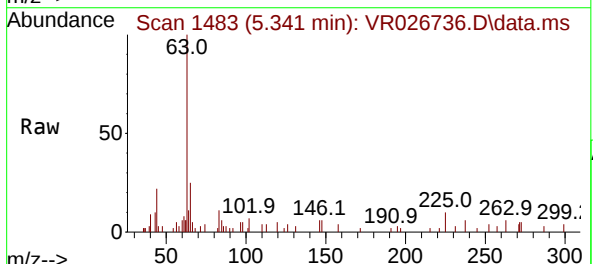
Instrument : MSVOA_R
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025

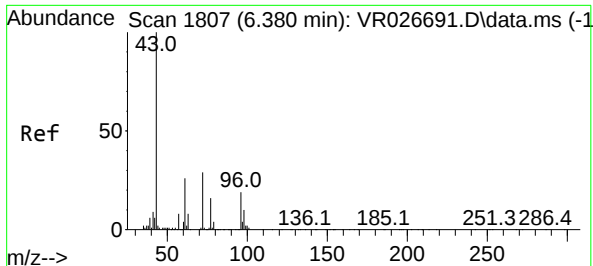
Tgt Ion: 43 Resp: 106050
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 2.007 ug/l m
 RT: 5.341 min Scan# 1483
 Delta R.T. -0.003 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

Tgt Ion: 63 Resp: 17177
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.9 8.8
 100 0.0 1.8 5.4#





#25

2-Butanone

Concen: 13.340 ug/l m

RT: 6.380 min Scan# 11

Delta R.T. -0.000 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

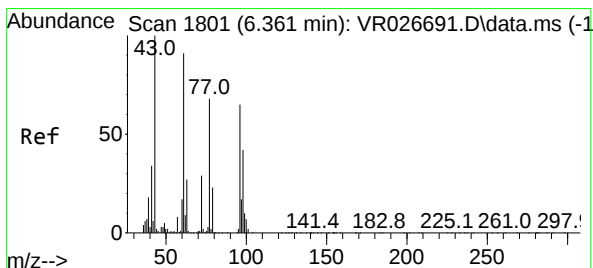
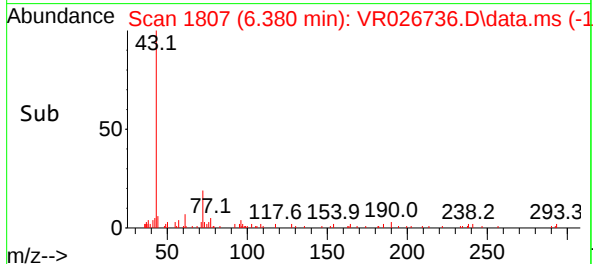
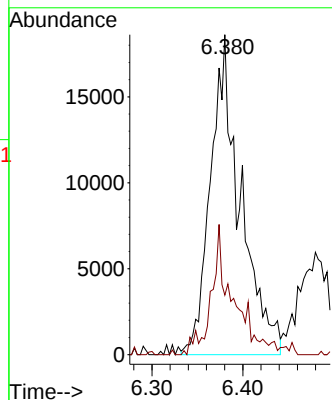
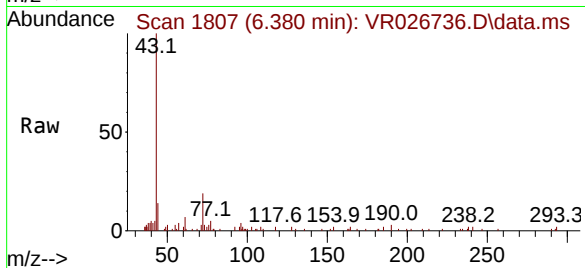
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 42259

Ion Ratio Lower Upper

43 100

72 18.6 23.1 34.7#



#26

2,2-Dichloropropane

Concen: 1.693 ug/l m

RT: 6.335 min Scan# 1793

Delta R.T. -0.026 min

Lab File: VR026736.D

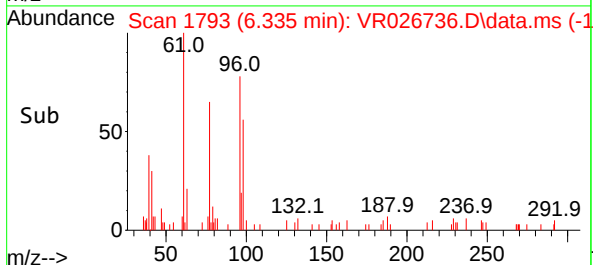
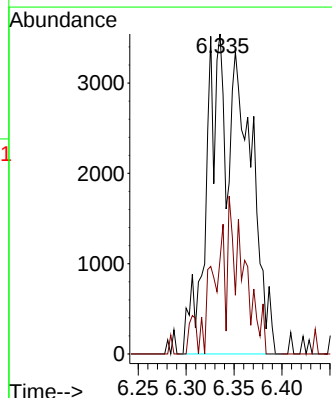
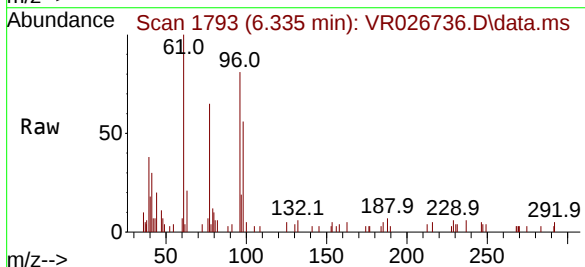
Acq: 11 Aug 2025 13:01

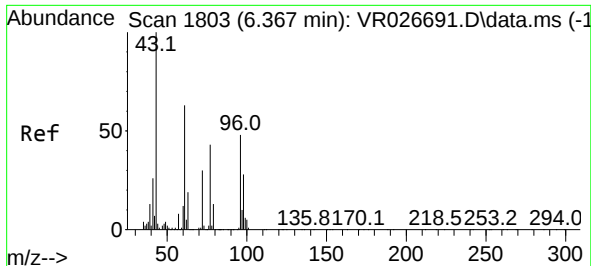
Tgt Ion: 77 Resp: 10017

Ion Ratio Lower Upper

77 100

97 3.8 12.3 36.8#

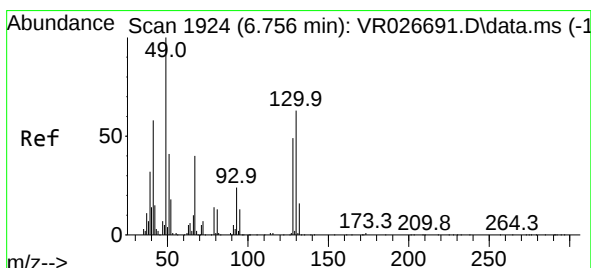
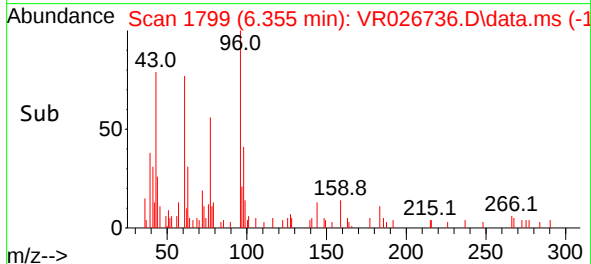
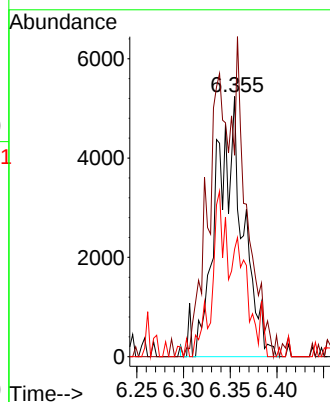
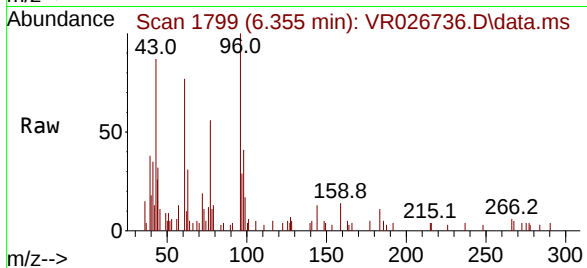




#27
 cis-1,2-Dichloroethene
 Concen: 2.044 ug/l m
 RT: 6.355 min Scan# 1
 Delta R.T. -0.013 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

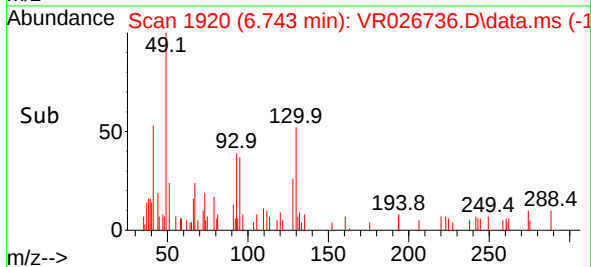
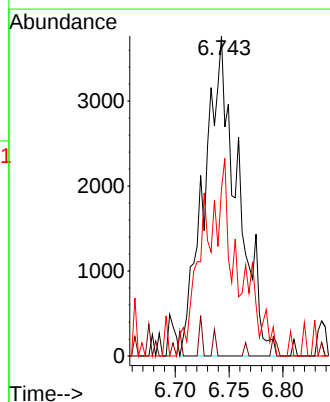
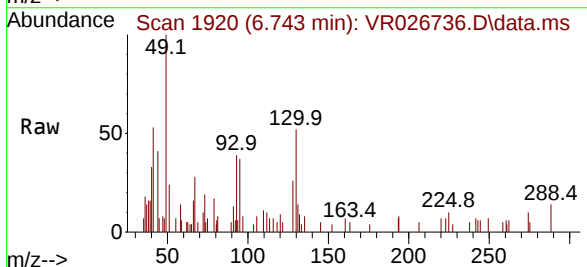
Instrument :
 MSVOA_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

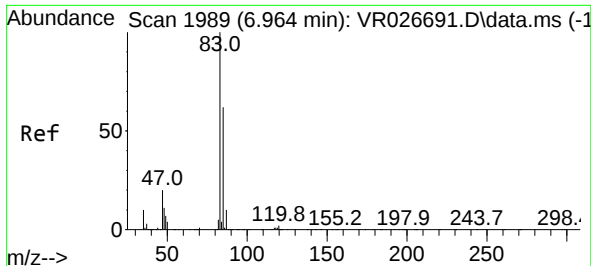
Tgt Ion: 96 Resp: 10593
 Ion Ratio Lower Upper
 96 100
 61 78.7 0.0 279.8
 98 30.5 0.0 125.2



#28
 Bromochloromethane
 Concen: 2.643 ug/l
 RT: 6.743 min Scan# 1920
 Delta R.T. -0.013 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

Tgt Ion: 49 Resp: 8150
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.4
 130 25.4 52.2 78.4#





#29

Chloroform

Concen: 2.295 ug/l m

RT: 6.948 min Scan# 1989

Delta R.T. -0.016 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

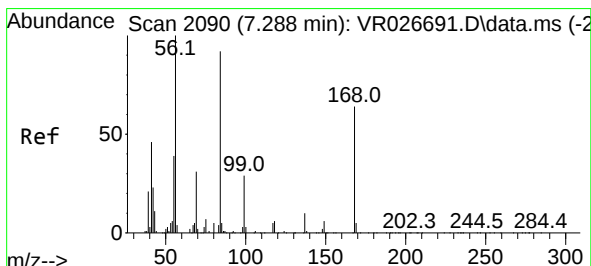
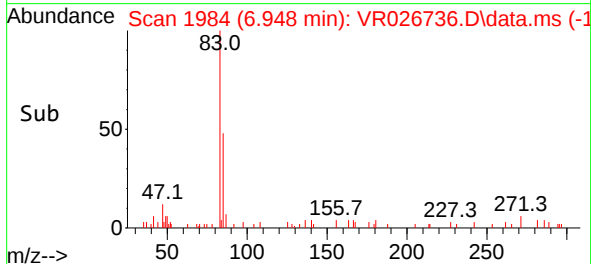
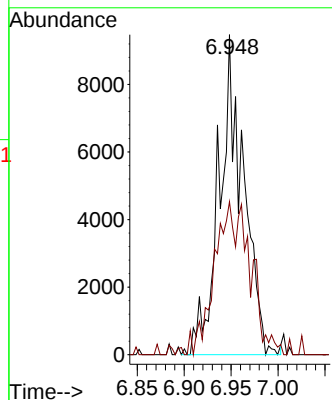
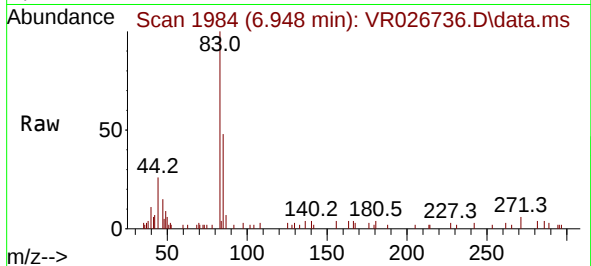
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 83 Resp: 17008

Ion Ratio Lower Upper

83 100

85 47.8 49.6 74.4#



#30

Cyclohexane

Concen: 2.748 ug/l

RT: 7.279 min Scan# 2087

Delta R.T. -0.010 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

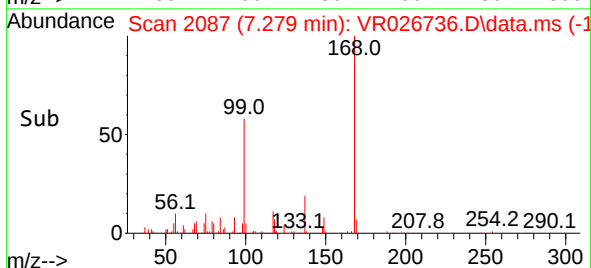
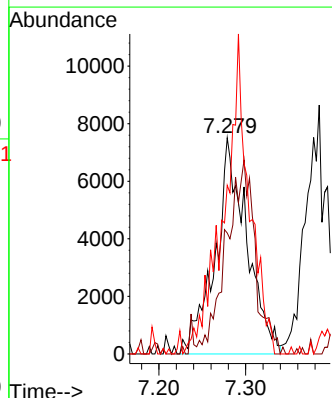
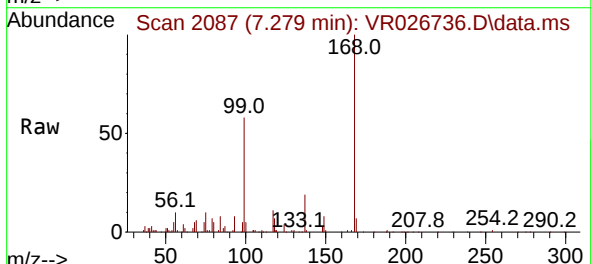
Tgt Ion: 56 Resp: 18992

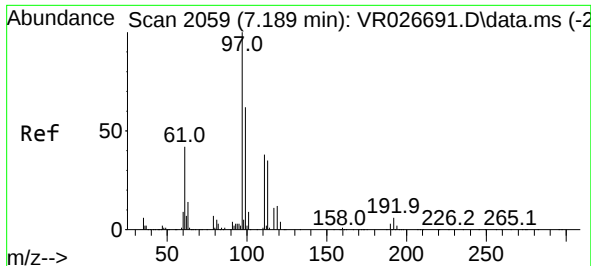
Ion Ratio Lower Upper

56 100

69 55.9 24.8 37.2#

84 78.0 73.1 109.7





#31

1,1,1-Trichloroethane

Concen: 2.053 ug/l m

RT: 7.179 min Scan# 2059

Delta R.T. -0.010 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

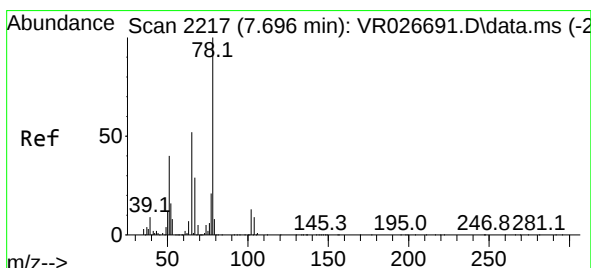
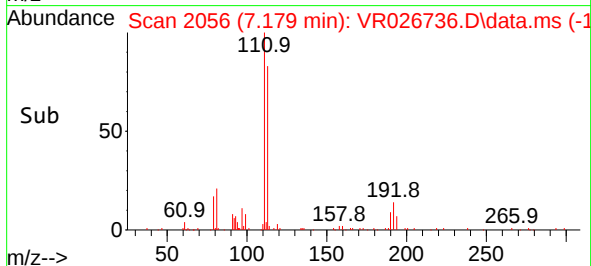
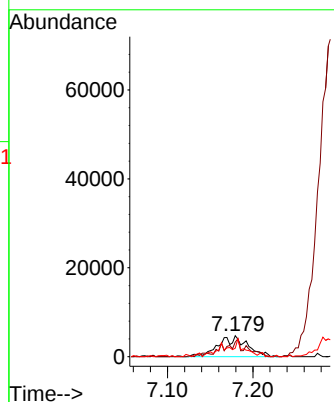
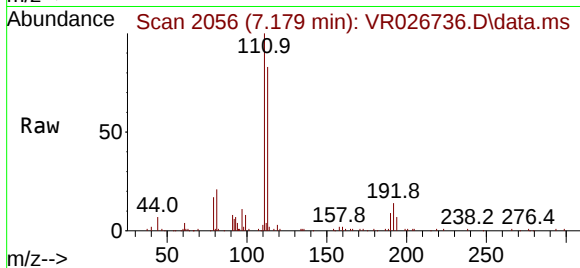
Tgt Ion: 97 Resp: 10992

Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.6#

61 25.0 36.3 54.5#



#32

1,2-Dichloroethane-d4

Concen: 46.670 ug/l

RT: 7.686 min Scan# 2214

Delta R.T. -0.010 min

Lab File: VR026736.D

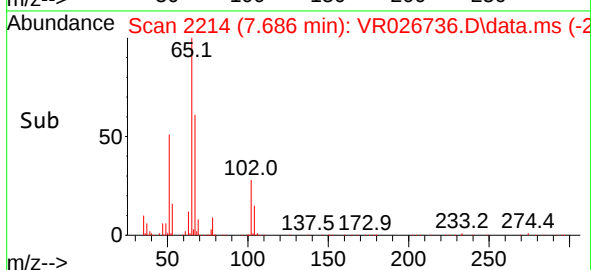
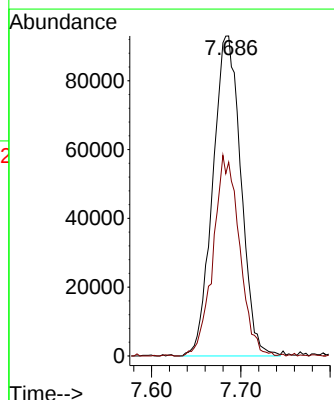
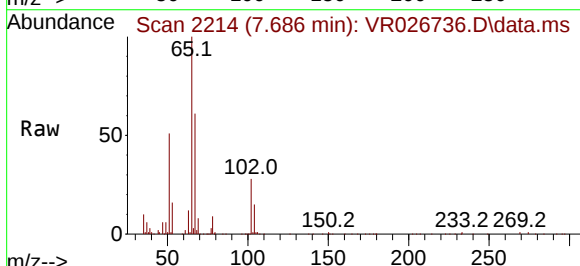
Acq: 11 Aug 2025 13:01

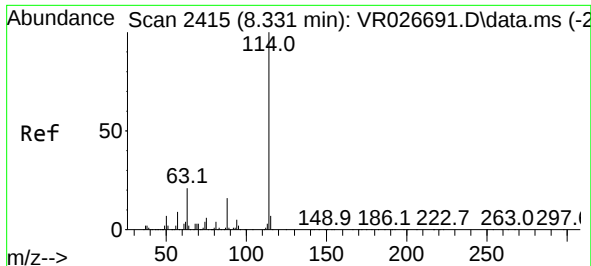
Tgt Ion: 65 Resp: 203519

Ion Ratio Lower Upper

65 100

67 58.8 0.0 118.4

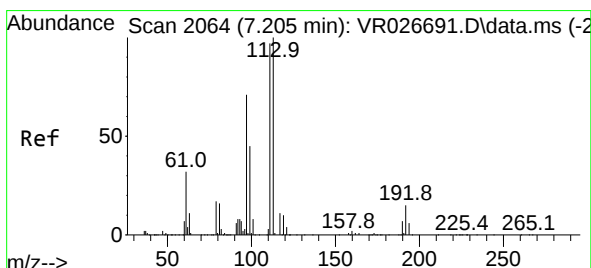
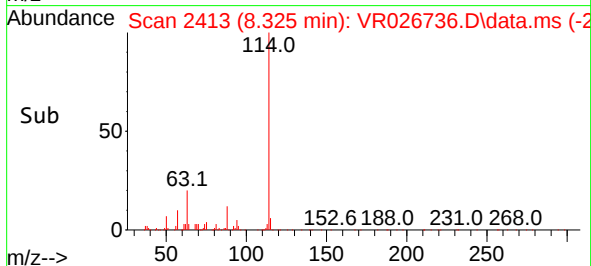
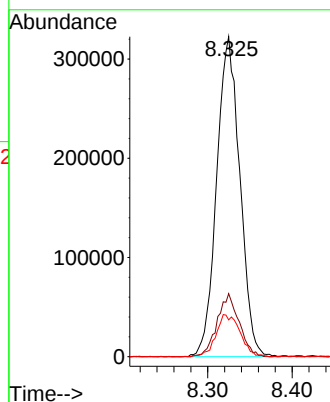
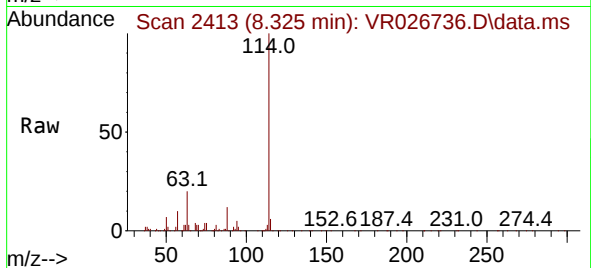




#33
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.325 min Scan# 2415
Delta R.T. -0.006 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

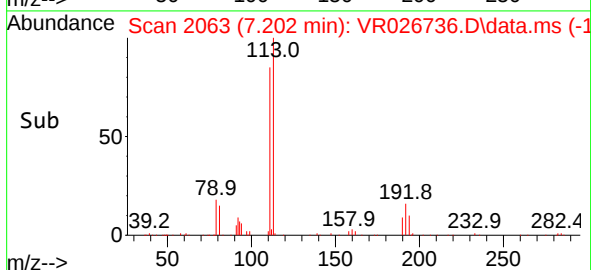
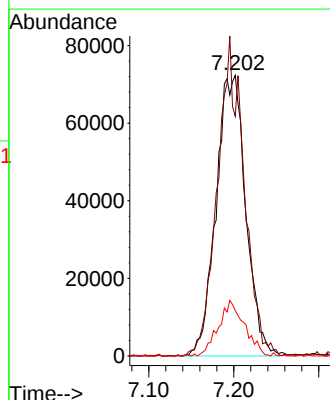
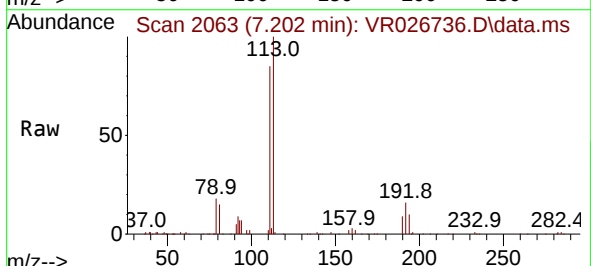
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

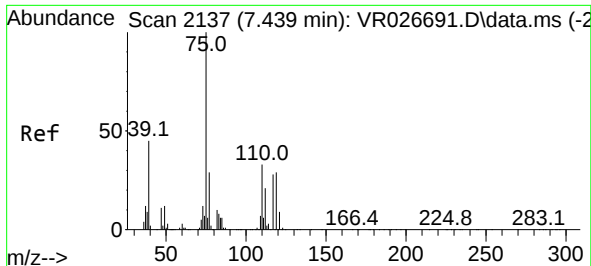
Tgt Ion:114 Resp: 614767
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 11.5 0.0 32.6



#34
Dibromofluoromethane
Concen: 46.303 ug/l m
RT: 7.202 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion:113 Resp: 176061
Ion Ratio Lower Upper
113 100
111 101.4 81.7 122.5
192 17.3 12.3 18.5

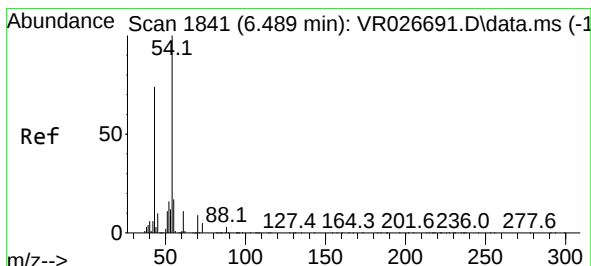
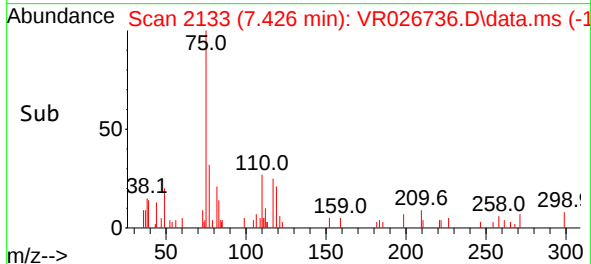
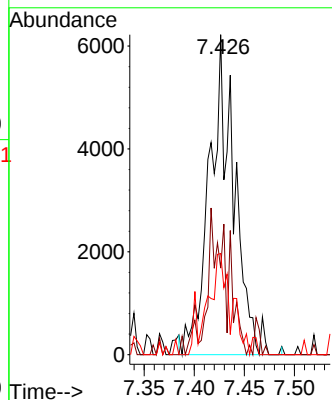
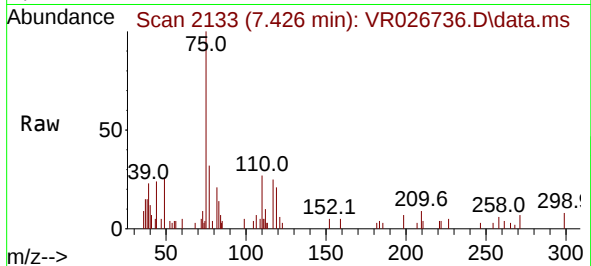




#35
 1,1-Dichloropropene
 Concen: 2.208 ug/l m
 RT: 7.426 min Scan# 2137
 Delta R.T. -0.013 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

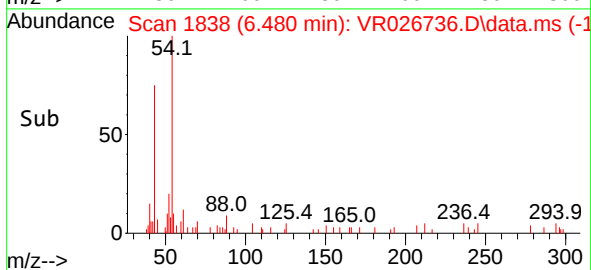
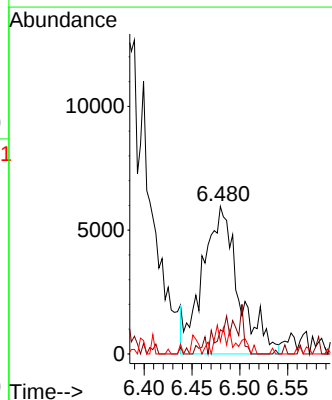
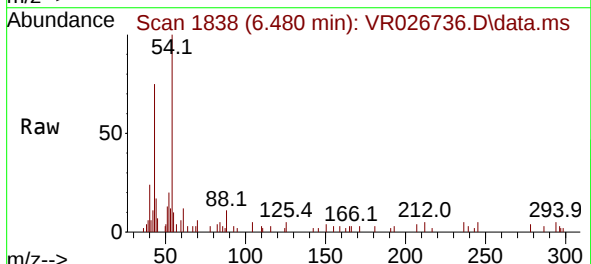
Instrument : MSVOA_R
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025

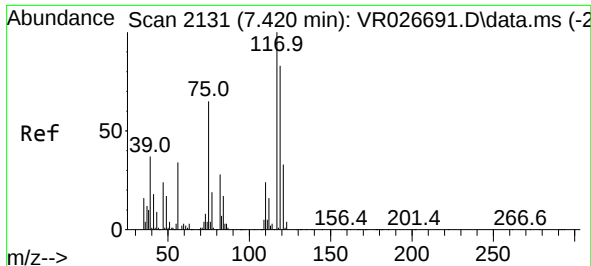
Tgt Ion: 75 Resp: 10592
 Ion Ratio Lower Upper
 75 100
 110 20.6 17.0 50.9
 77 18.7 24.6 37.0#



#36
 Ethyl Acetate
 Concen: 2.693 ug/l m
 RT: 6.480 min Scan# 1838
 Delta R.T. -0.010 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

Tgt Ion: 43 Resp: 15467
 Ion Ratio Lower Upper
 43 100
 61 10.6 12.0 18.0#
 70 7.9 9.0 13.6#

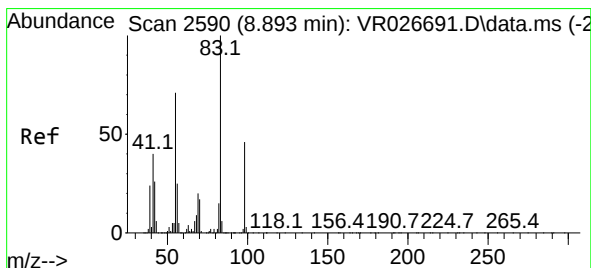
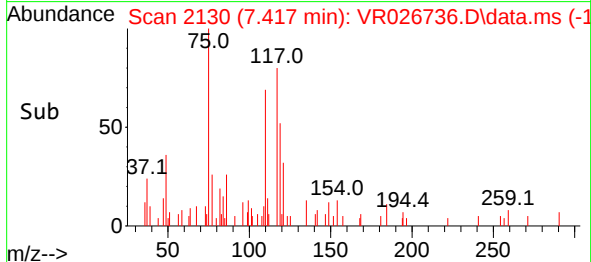
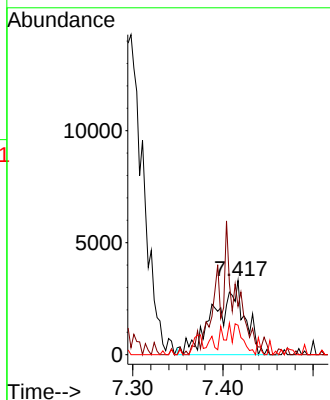
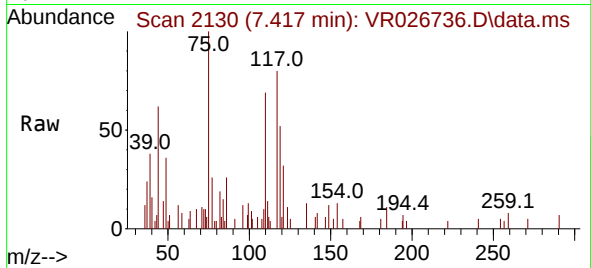




#37
Carbon Tetrachloride
Concen: 1.954 ug/l m
RT: 7.417 min Scan# 2130
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

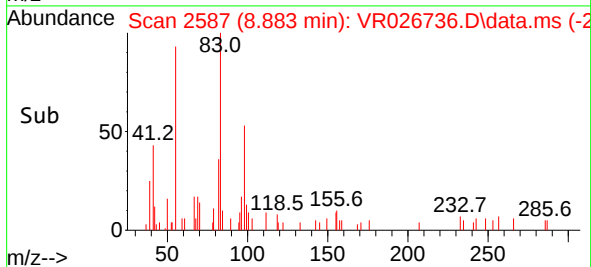
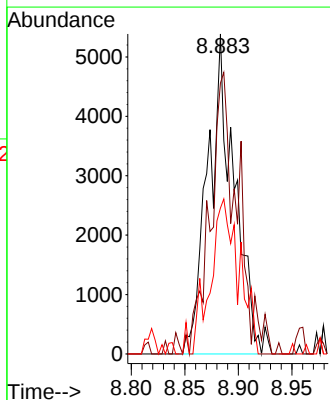
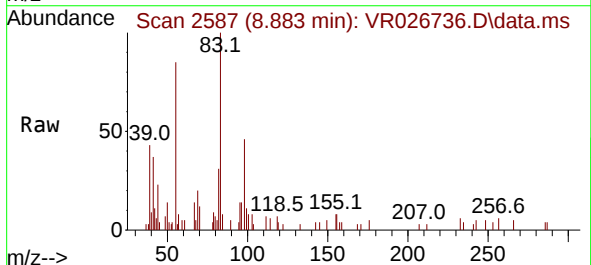
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

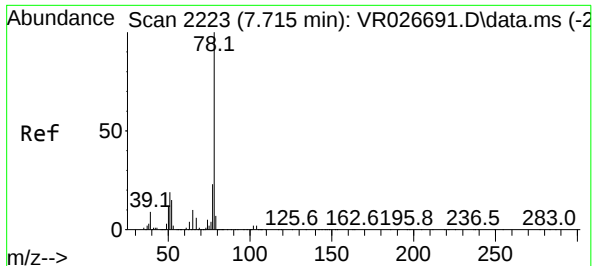
Tgt Ion: 117 Resp: 7632
Ion Ratio Lower Upper
117 100
119 65.1 67.0 100.4#
121 39.6 26.3 39.5#



#38
Methylcyclohexane
Concen: 1.688 ug/l m
RT: 8.883 min Scan# 2587
Delta R.T. -0.010 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 83 Resp: 9268
Ion Ratio Lower Upper
83 100
55 84.7 56.7 85.1
98 45.6 36.7 55.1

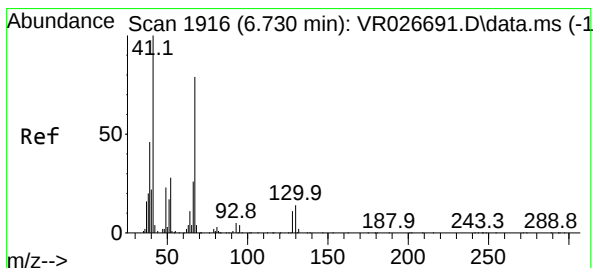
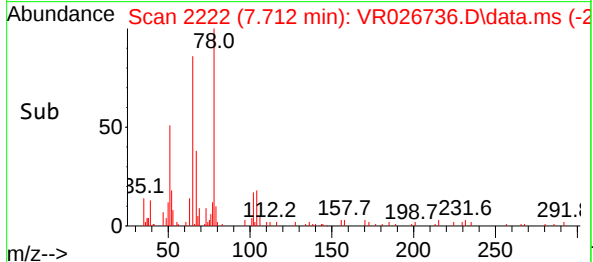
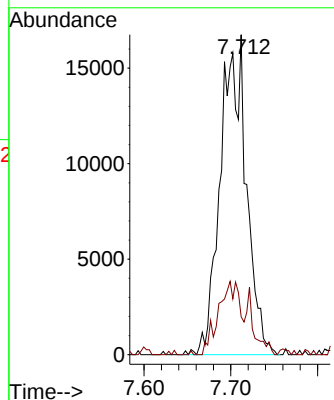
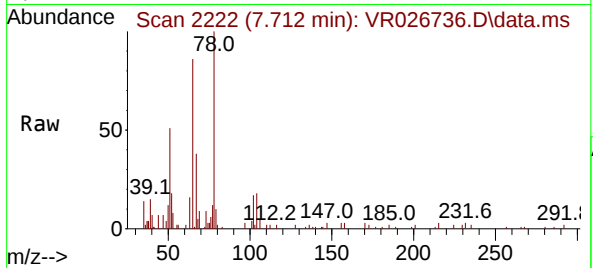




#39
Benzene
Concen: 2.001 ug/l
RT: 7.712 min Scan# 21
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

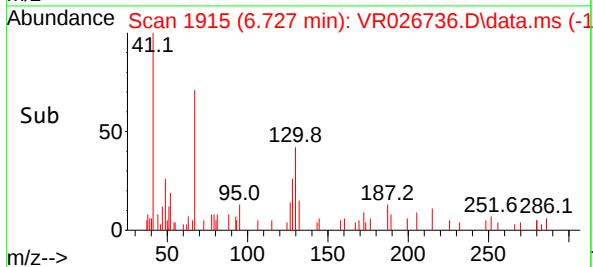
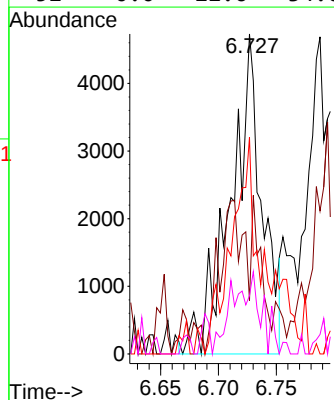
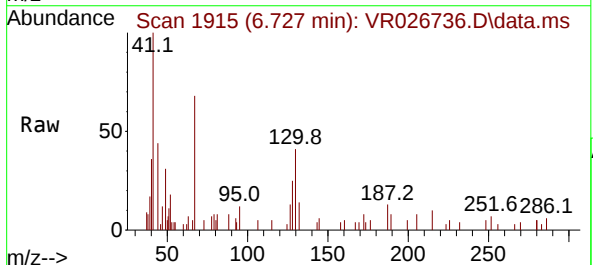
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

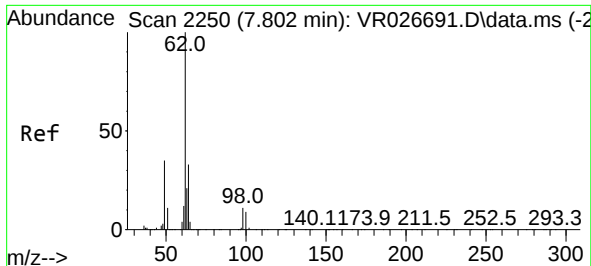
Tgt Ion: 78 Resp: 34573
Ion Ratio Lower Upper
78 100
77 11.8 18.8 28.2#



#40
Methacrylonitrile
Concen: 2.472 ug/l m
RT: 6.727 min Scan# 1915
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 41 Resp: 8824
Ion Ratio Lower Upper
41 100
39 11.3 42.4 63.6#
67 35.7 65.6 98.4#
52 0.0 22.6 34.0#





#41

1,2-Dichloroethane

Concen: 2.288 ug/l

RT: 7.789 min Scan# 21

Delta R.T. -0.013 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

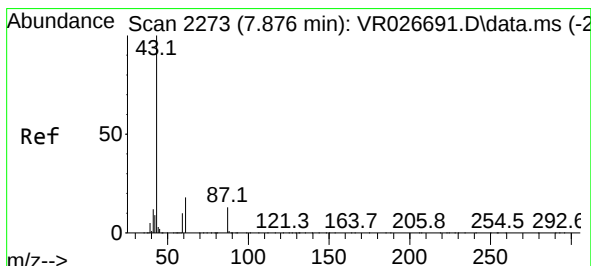
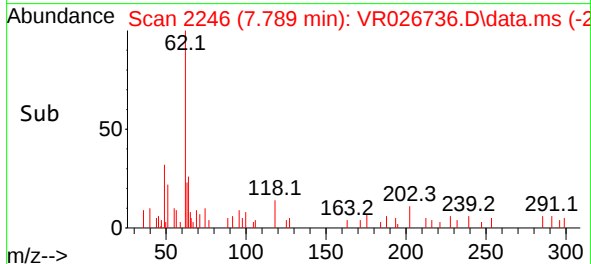
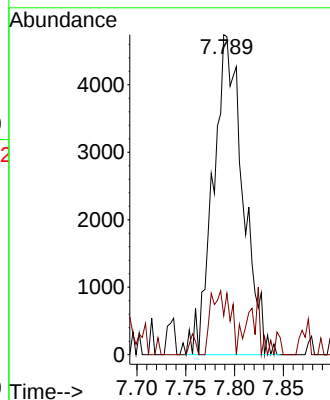
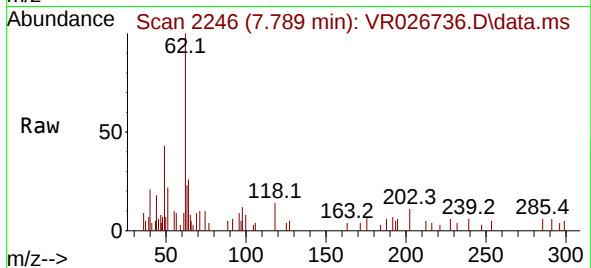
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 62 Resp: 10055

Ion Ratio Lower Upper

62 100

98 5.5 0.0 22.2



#42

Isopropyl Acetate

Concen: 2.051 ug/l

RT: 7.869 min Scan# 2271

Delta R.T. -0.006 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

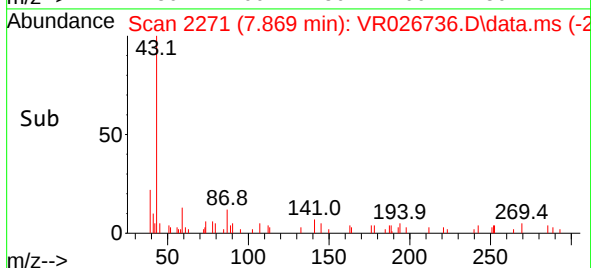
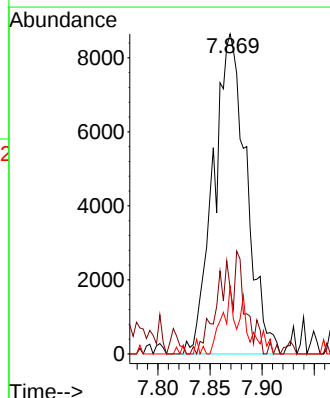
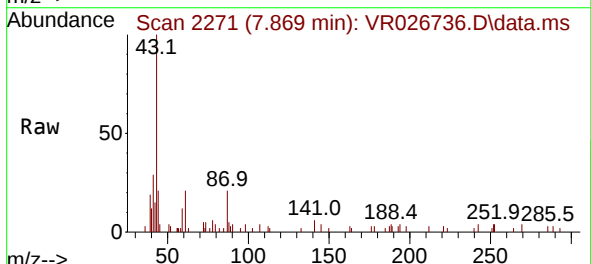
Tgt Ion: 43 Resp: 18942

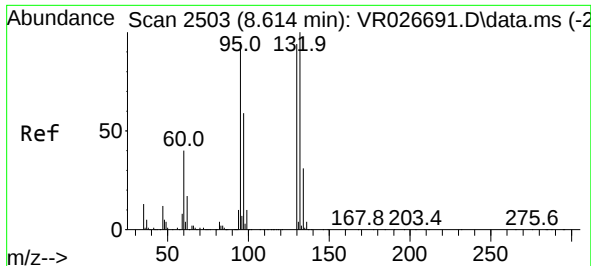
Ion Ratio Lower Upper

43 100

61 14.1 17.9 26.9#

87 7.4 10.8 16.2#

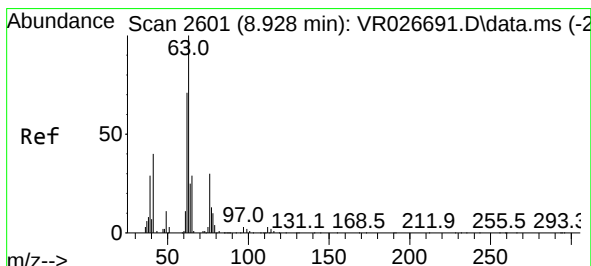
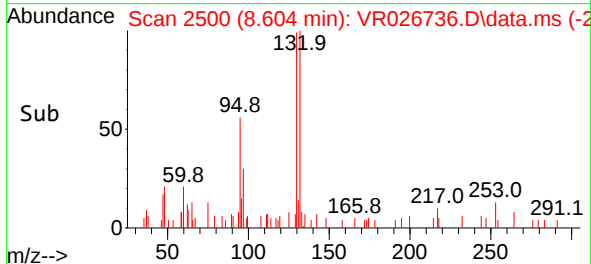
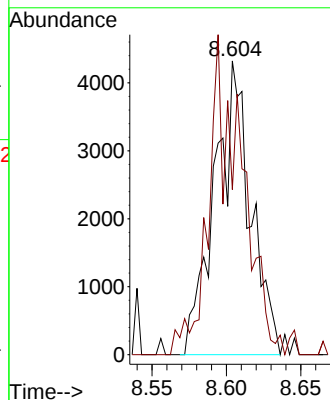
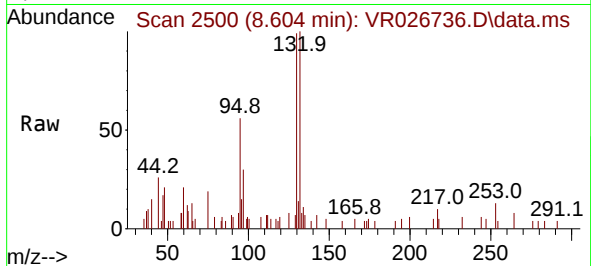




#43
 Trichloroethene
 Concen: 2.173 ug/l
 RT: 8.604 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

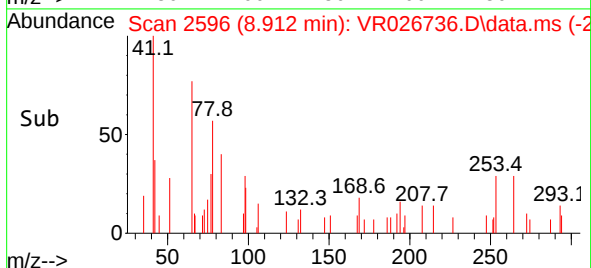
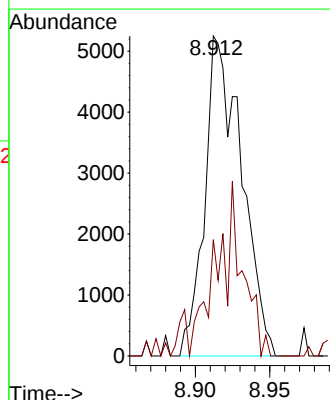
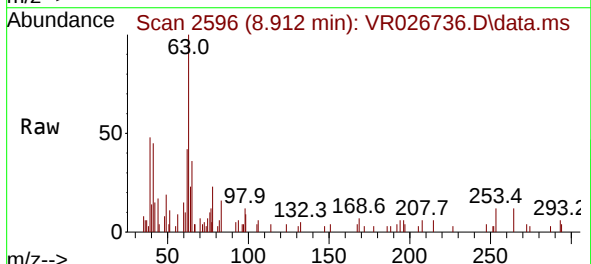
Instrument :
 MSVOA_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

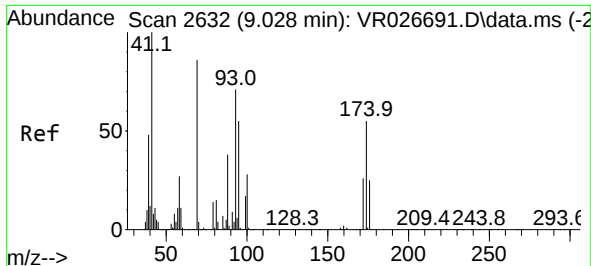
Tgt Ion:130 Resp: 7219
 Ion Ratio Lower Upper
 130 100
 95 50.4 0.0 200.6



#44
 1,2-Dichloropropane
 Concen: 2.205 ug/l
 RT: 8.912 min Scan# 2596
 Delta R.T. -0.016 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

Tgt Ion: 63 Resp: 9015
 Ion Ratio Lower Upper
 63 100
 65 36.3 23.8 35.8#

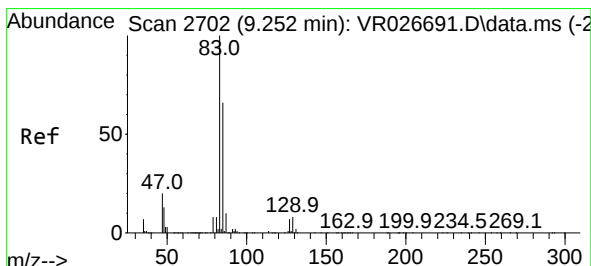
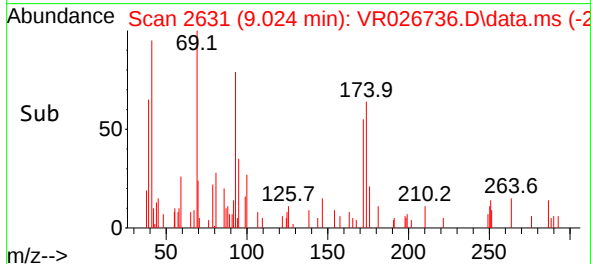
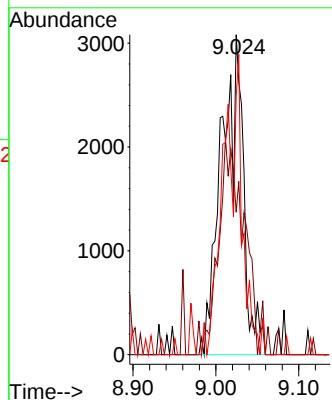
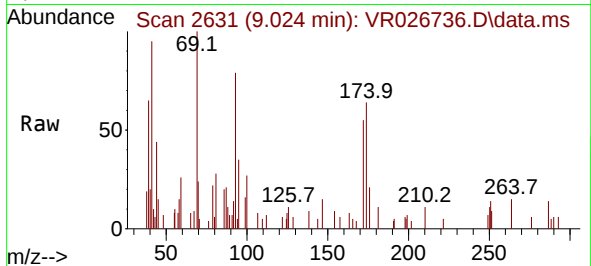




#45
Dibromomethane
Concen: 2.568 ug/l m
RT: 9.024 min Scan# 2
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

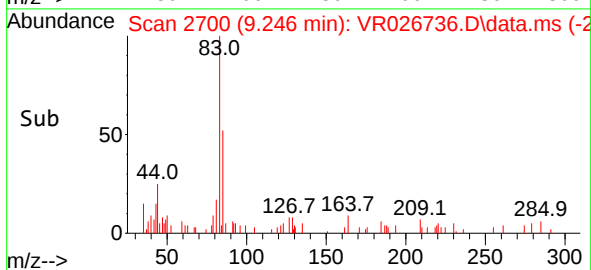
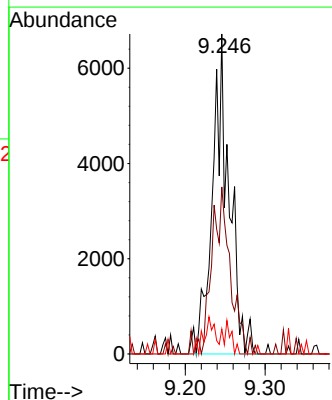
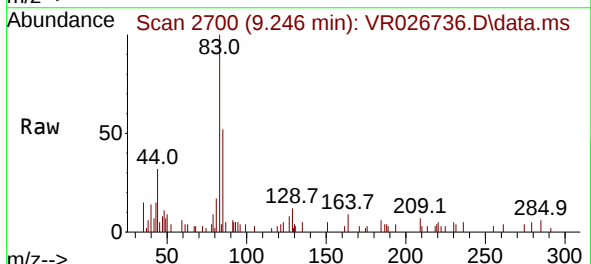
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

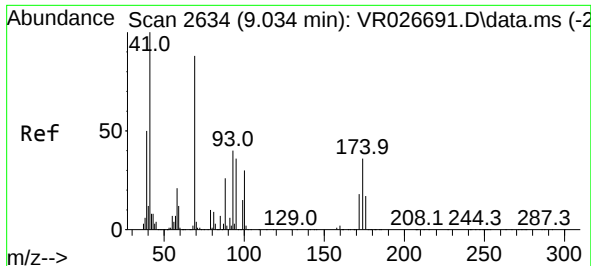
Tgt Ion: 93 Resp: 5838
Ion Ratio Lower Upper
93 100
95 0.0 69.4 104.0#
174 31.2 66.9 100.3#



#46
Bromodichloromethane
Concen: 2.239 ug/l m
RT: 9.246 min Scan# 2700
Delta R.T. -0.006 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 83 Resp: 9862
Ion Ratio Lower Upper
83 100
85 52.2 52.6 78.8#
127 7.8 5.5 8.3

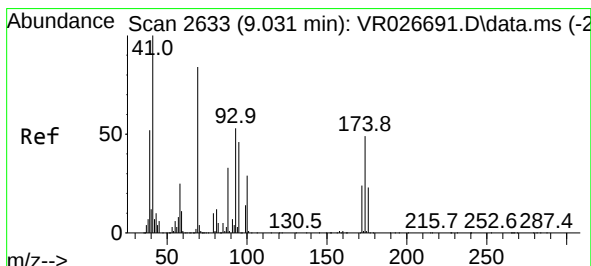
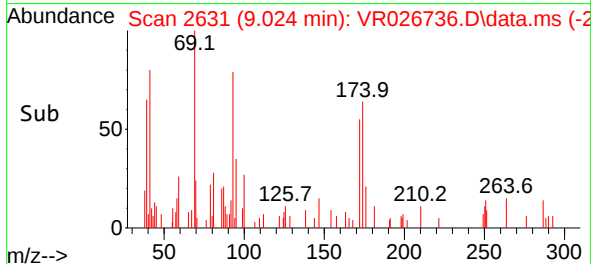
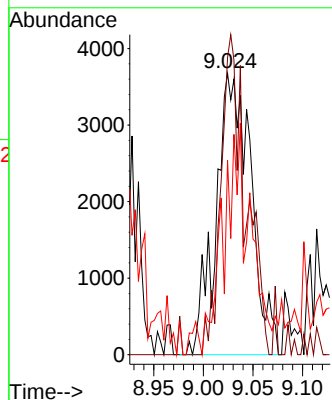
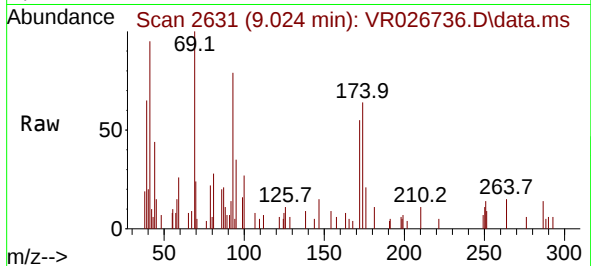




#47
Methyl methacrylate
Concen: 2.235 ug/l m
RT: 9.024 min Scan# 2631
Delta R.T. -0.010 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

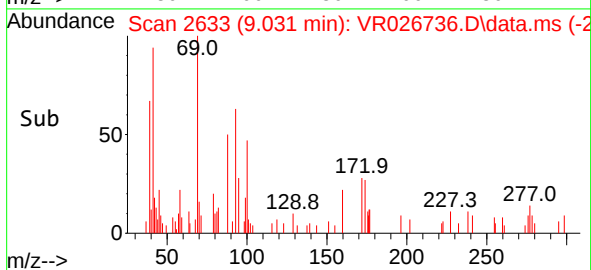
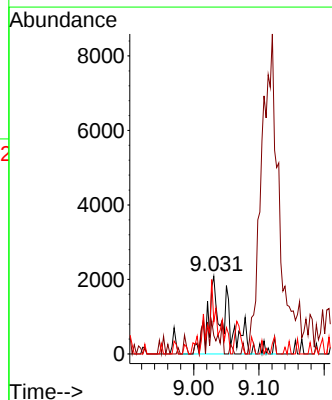
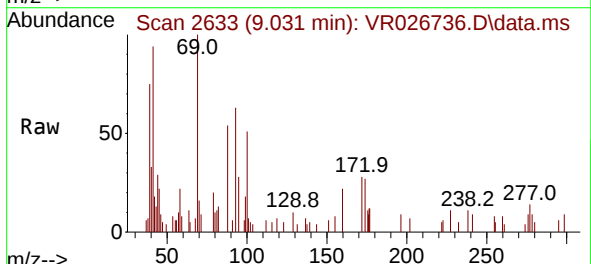
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

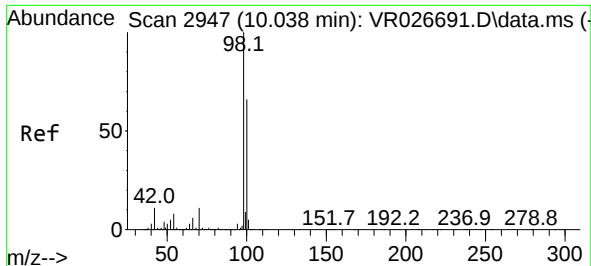
Tgt Ion: 41 Resp: 9032
Ion Ratio Lower Upper
41 100
69 64.1 69.8 104.6#
39 13.8 39.4 59.2#



#48
1,4-Dioxane
Concen: 64.117 ug/l m
RT: 9.031 min Scan# 2633
Delta R.T. -0.000 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 88 Resp: 4174
Ion Ratio Lower Upper
88 100
43 13.0 25.2 37.8#
58 17.2 60.8 91.2#

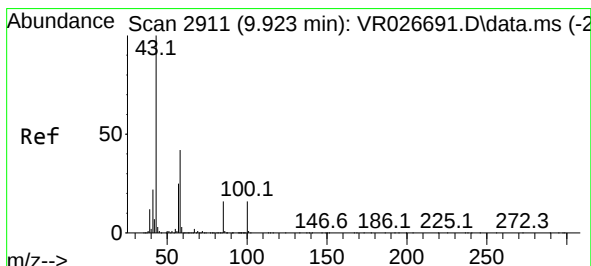
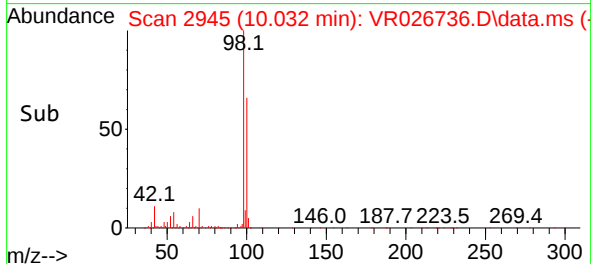
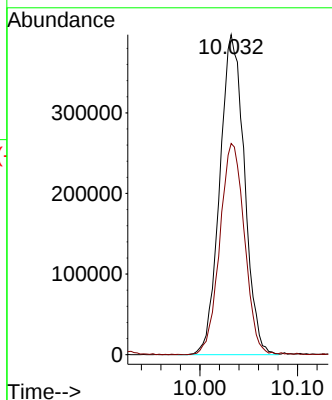
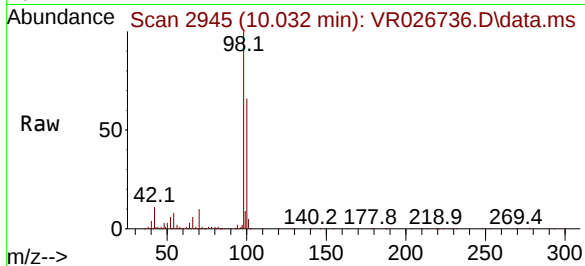




#49
Toluene-d8
Concen: 51.098 ug/l
RT: 10.032 min Scan# 2945
Delta R.T. -0.006 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

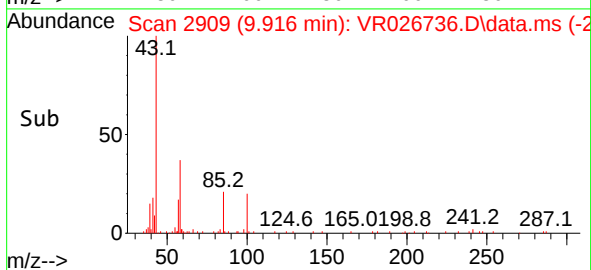
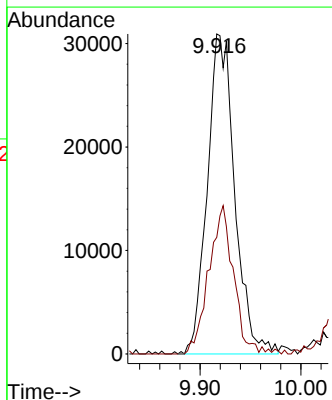
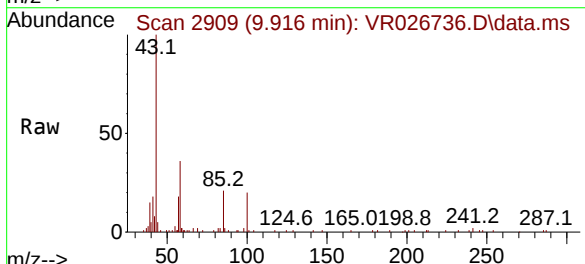
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

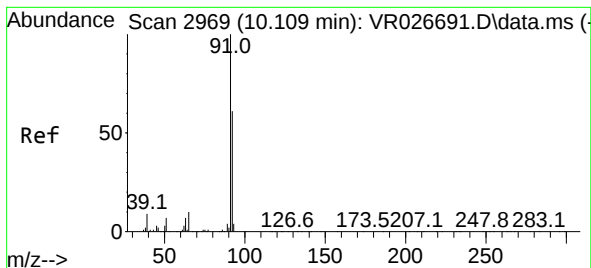
Tgt Ion: 98 Resp: 696083
Ion Ratio Lower Upper
98 100
100 66.0 53.9 80.9



#50
4-Methyl-2-Pentanone
Concen: 12.134 ug/l
RT: 9.916 min Scan# 2909
Delta R.T. -0.006 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 43 Resp: 58495
Ion Ratio Lower Upper
43 100
58 42.2 33.7 50.5





#51

Toluene

Concen: 2.095 ug/l

RT: 10.109 min Scan# 2969

Delta R.T. -0.000 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

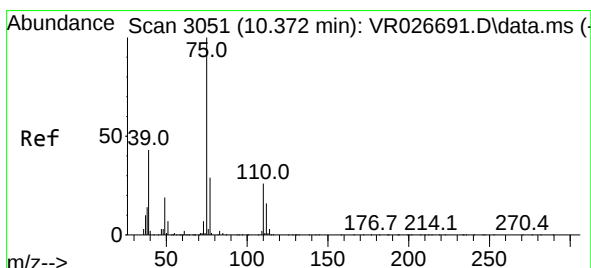
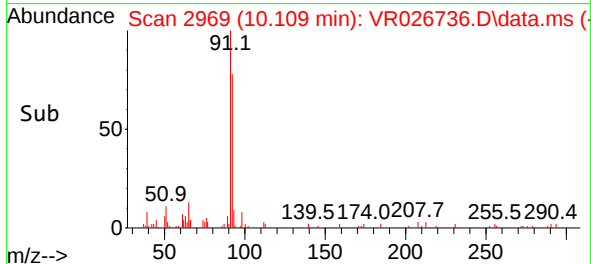
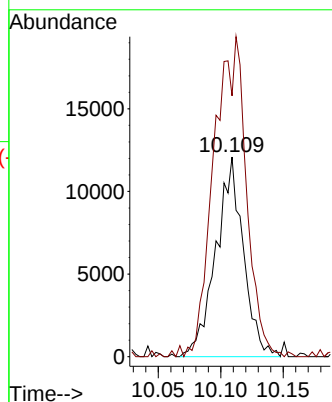
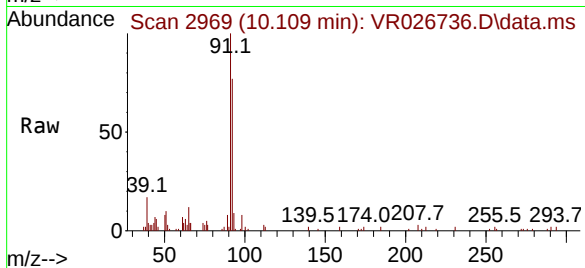
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 92 Resp: 18475

Ion Ratio Lower Upper

92 100

91 114.1 137.8 206.6#



#52

t-1,3-Dichloropropene

Concen: 1.640 ug/l m

RT: 10.362 min Scan# 3048

Delta R.T. -0.010 min

Lab File: VR026736.D

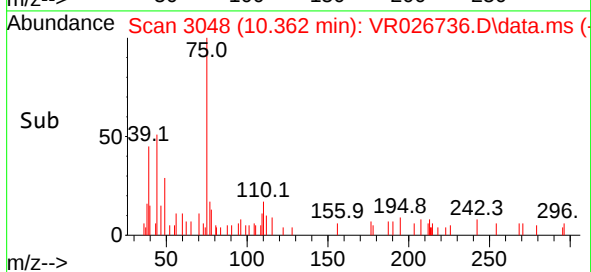
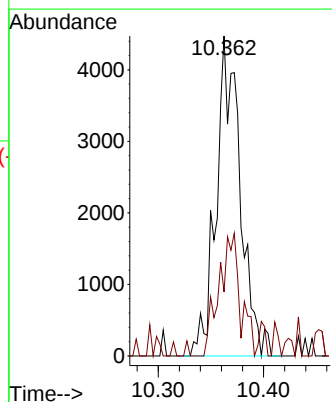
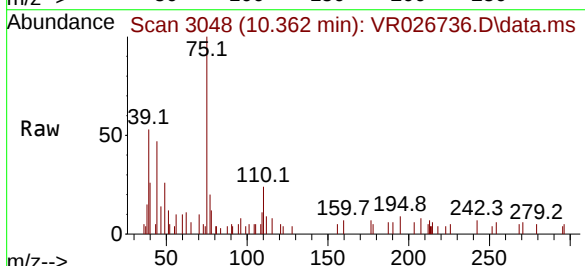
Acq: 11 Aug 2025 13:01

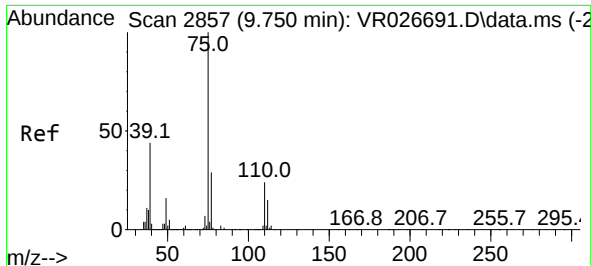
Tgt Ion: 75 Resp: 7082

Ion Ratio Lower Upper

75 100

77 20.0 23.4 35.2#

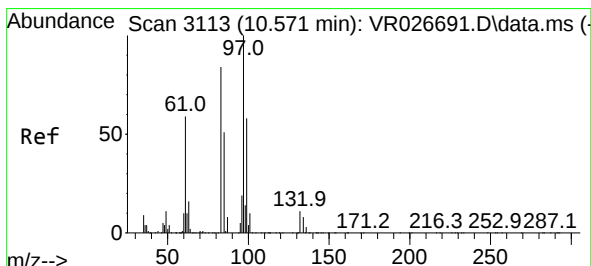
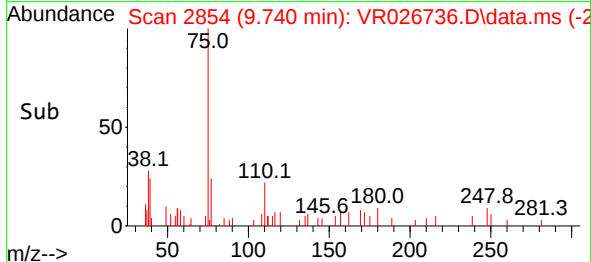
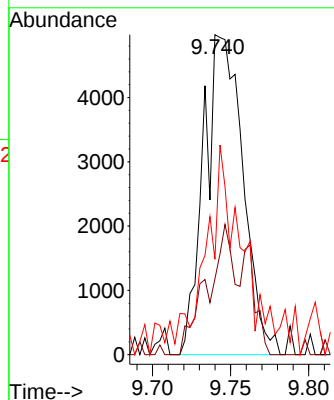
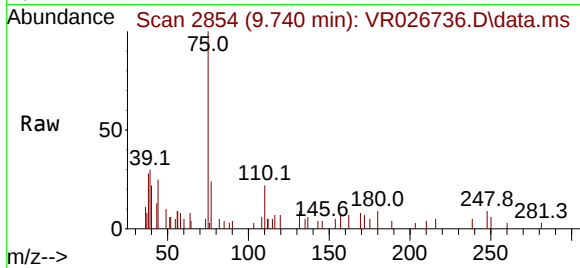




#53
 cis-1,3-Dichloropropene
 Concen: 1.674 ug/l
 RT: 9.740 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

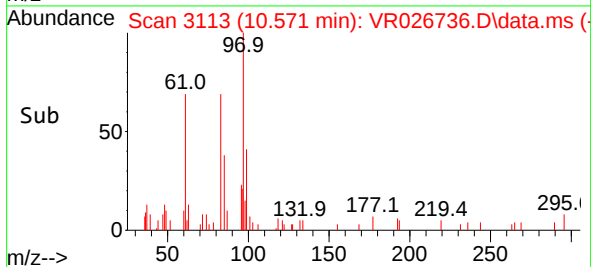
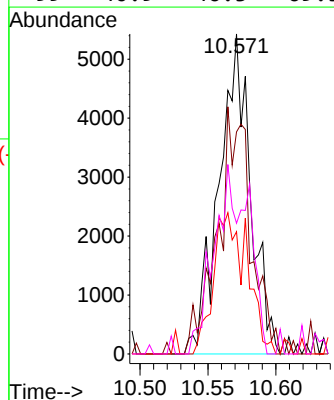
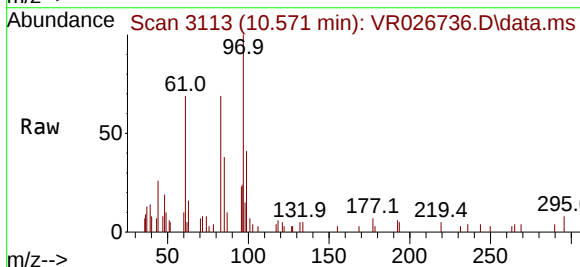
Instrument : MSVOA_R
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025

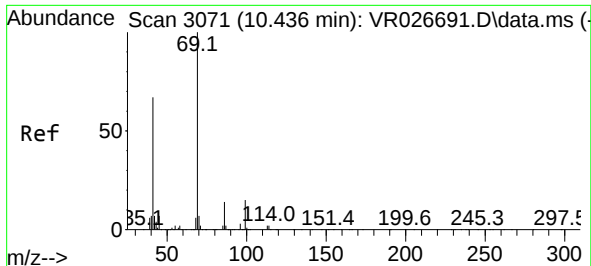
Tgt Ion: 75	Resp: 8671
Ion Ratio	Lower Upper
75 100	
77 23.7	22.9 34.3
39 21.2	34.8 52.2#



#54
 1,1,2-Trichloroethane
 Concen: 2.723 ug/l
 RT: 10.571 min Scan# 3113
 Delta R.T. -0.000 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

Tgt Ion: 97	Resp: 8769
Ion Ratio	Lower Upper
97 100	
83 69.4	67.4 101.2
85 38.2	40.4 60.6#
99 40.9	46.3 69.5#

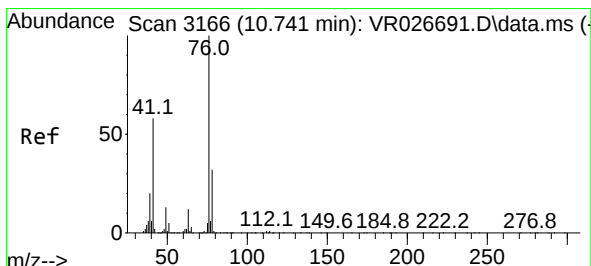
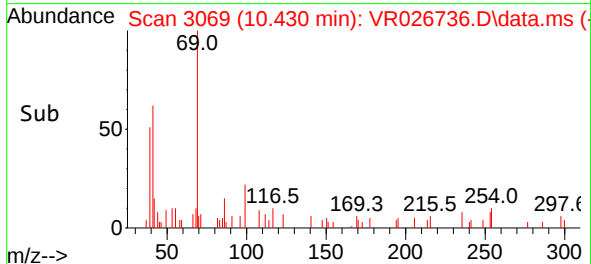
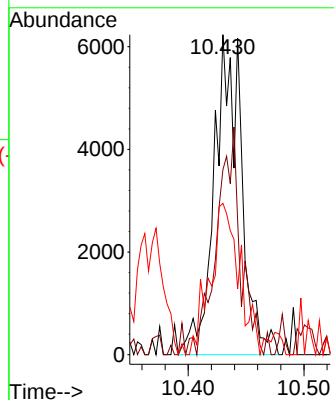
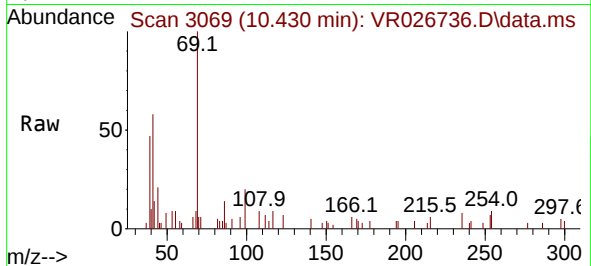




#55
Ethyl methacrylate
Concen: 1.932 ug/l m
RT: 10.430 min Scan# 3071
Delta R.T. -0.006 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

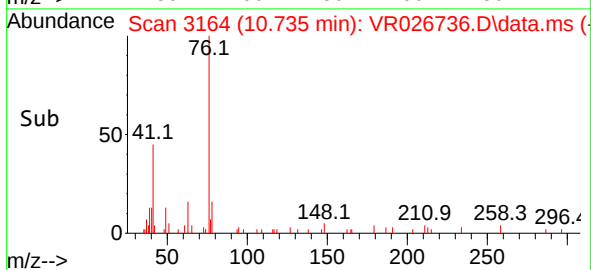
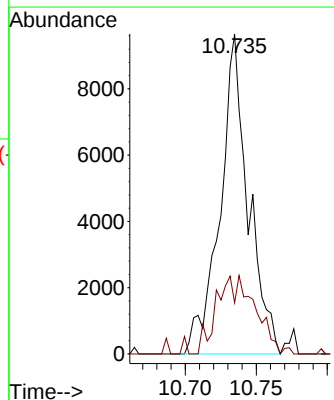
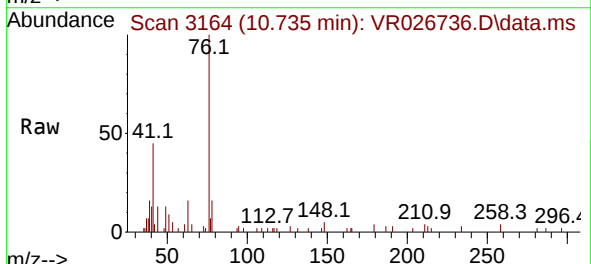
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

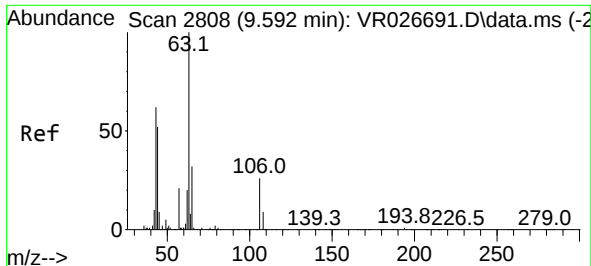
Tgt Ion: 69 Resp: 10273
Ion Ratio Lower Upper
69 100
41 61.0 51.5 77.3
39 49.9 24.7 37.1#



#56
1,3-Dichloropropane
Concen: 2.430 ug/l
RT: 10.735 min Scan# 3164
Delta R.T. -0.006 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 76 Resp: 13332
Ion Ratio Lower Upper
76 100
78 16.5 25.8 38.6#





#57

2-Chloroethyl Vinyl ether

Concen: 15.920 ug/l m

RT: 9.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

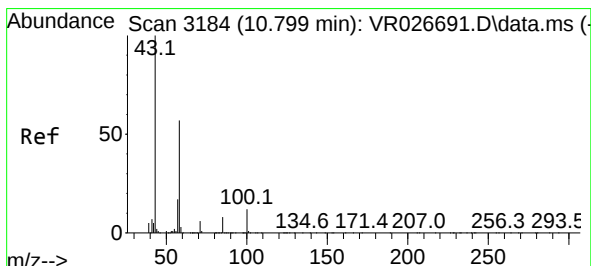
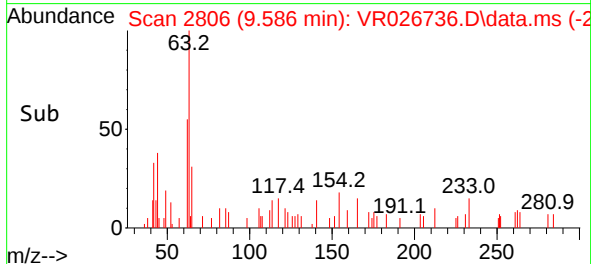
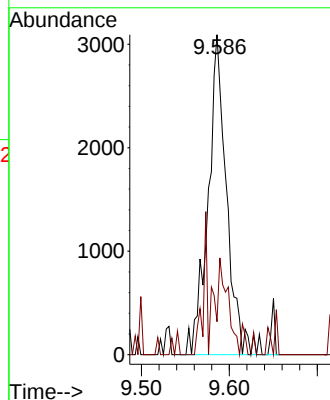
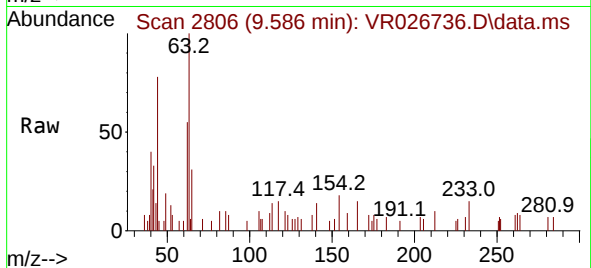
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 63 Resp: 4679

Ion Ratio Lower Upper

63 100

106 1.2 22.5 33.7#



#58

2-Hexanone

Concen: 13.284 ug/l

RT: 10.796 min Scan# 3183

Delta R.T. -0.003 min

Lab File: VR026736.D

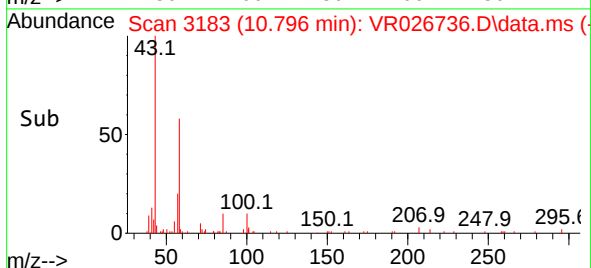
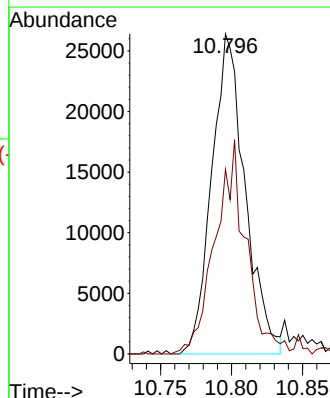
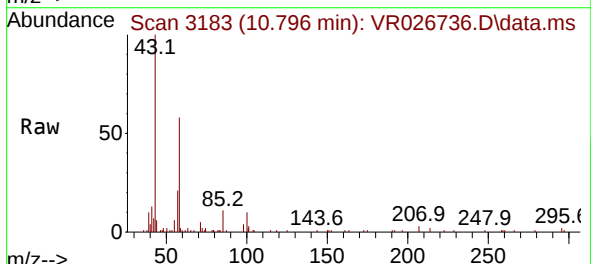
Acq: 11 Aug 2025 13:01

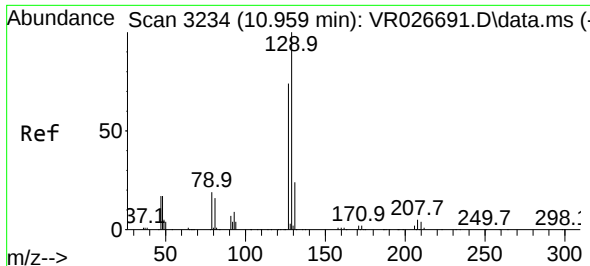
Tgt Ion: 43 Resp: 43171

Ion Ratio Lower Upper

43 100

58 61.5 28.8 86.4

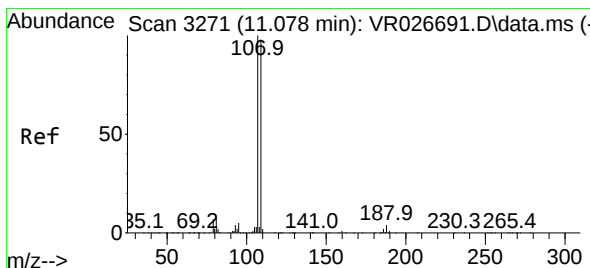
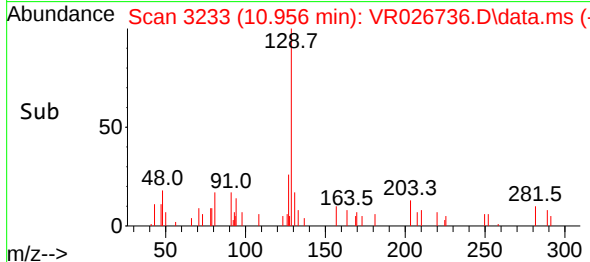
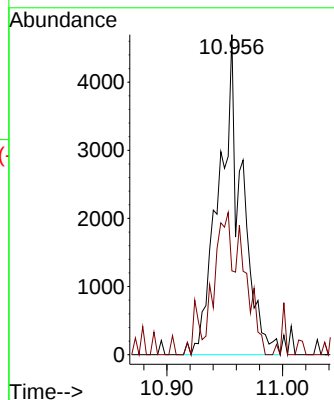
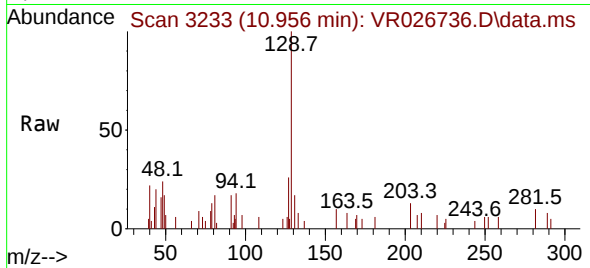




#59
Dibromochloromethane
Concen: 2.397 ug/l
RT: 10.956 min Scan# 31
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

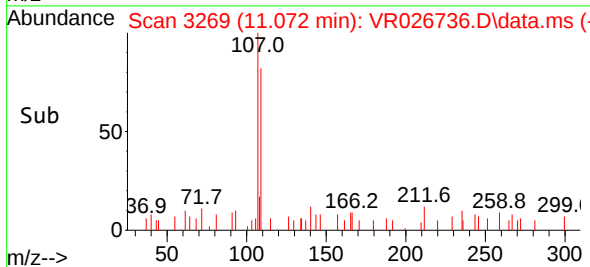
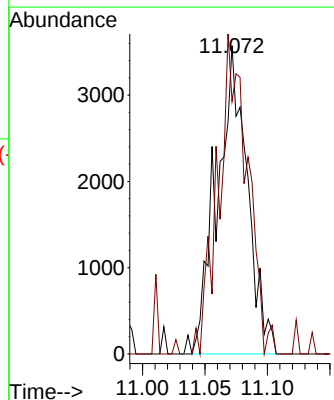
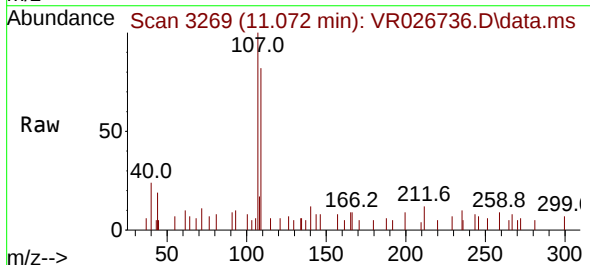
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

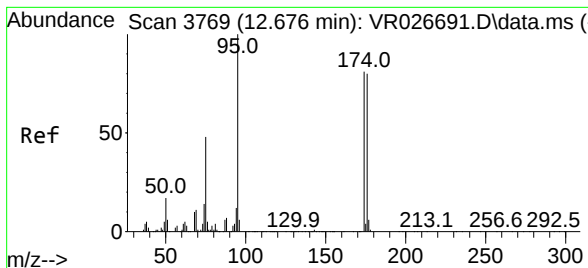
Tgt Ion:129 Resp: 6533
Ion Ratio Lower Upper
129 100
127 29.2 38.9 116.6#



#60
1,2-Dibromoethane
Concen: 2.175 ug/l
RT: 11.072 min Scan# 3269
Delta R.T. -0.006 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion:107 Resp: 6028
Ion Ratio Lower Upper
107 100
109 100.0 75.9 113.9

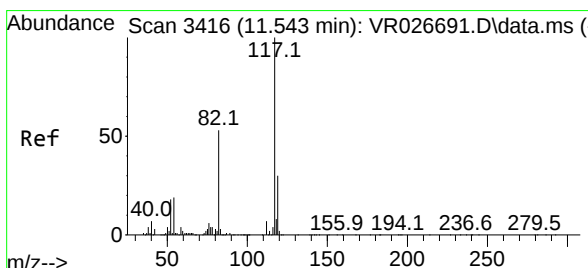
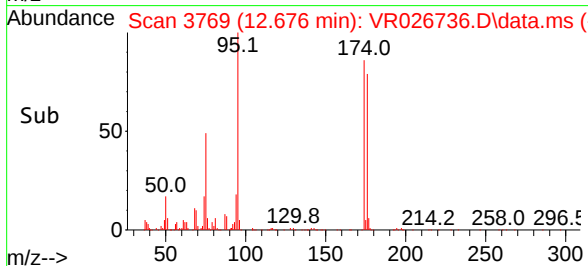
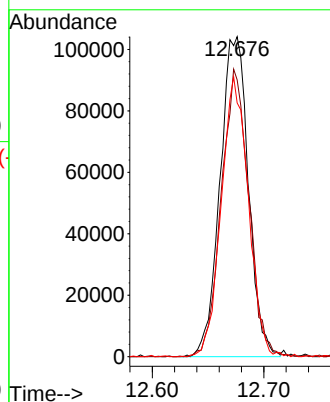
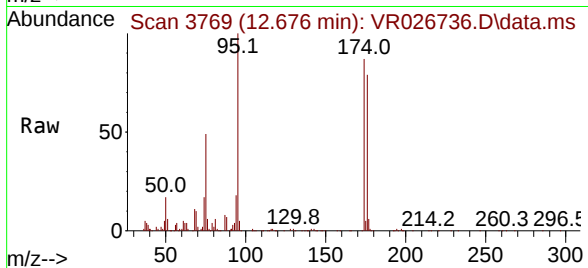




#61
4-Bromofluorobenzene
Concen: 47.460 ug/l
RT: 12.676 min Scan# 31
Delta R.T. -0.000 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

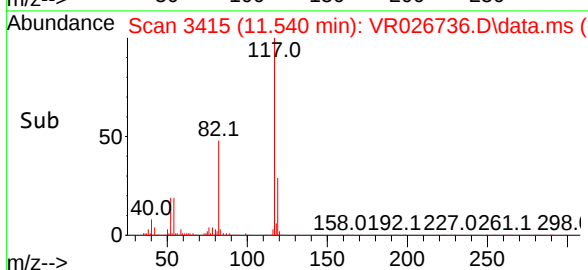
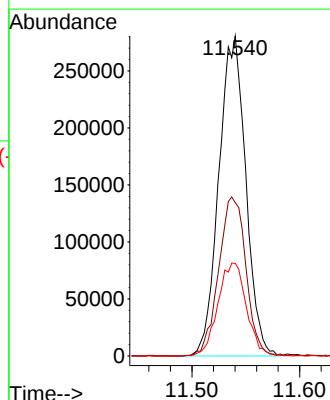
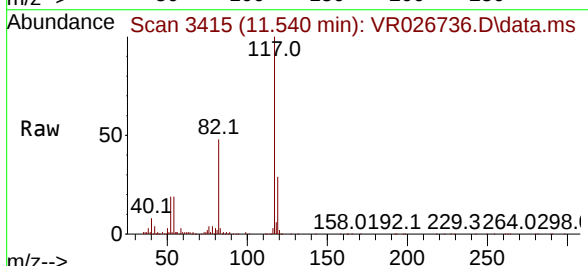
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

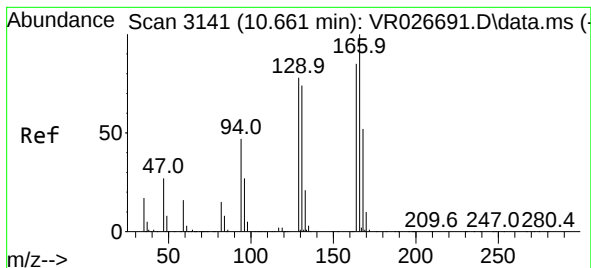
Tgt Ion: 95 Resp: 183890
Ion Ratio Lower Upper
95 100
174 86.6 0.0 158.4
176 83.7 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.540 min Scan# 3415
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 117 Resp: 487279
Ion Ratio Lower Upper
117 100
82 47.9 42.0 63.0
119 28.9 23.9 35.9





#63

Tetrachloroethene

Concen: 2.226 ug/l m

RT: 10.655 min Scan# 3139

Delta R.T. -0.006 min

Lab File: VR026736.D

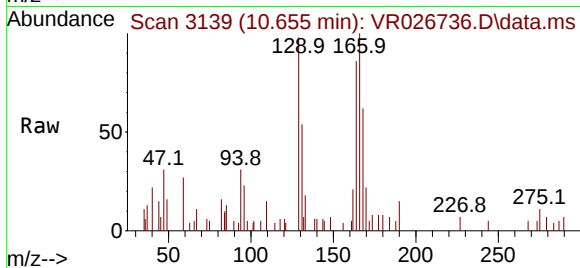
Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:164 Resp: 5926

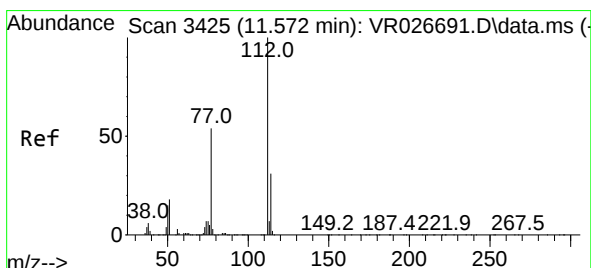
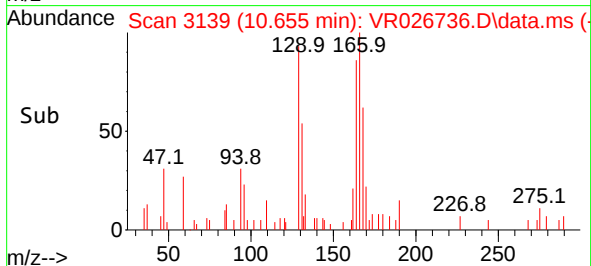
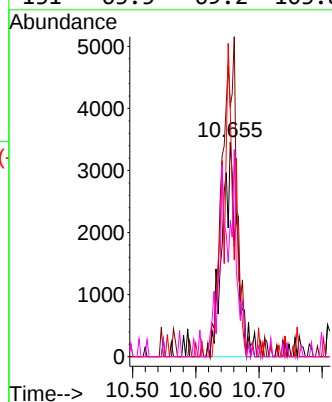
Ion Ratio Lower Upper

164 100

166 116.8 93.7 140.5

129 115.0 73.4 110.2#

131 63.5 69.2 103.8#



#64

Chlorobenzene

Concen: 2.319 ug/l

RT: 11.566 min Scan# 3423

Delta R.T. -0.006 min

Lab File: VR026736.D

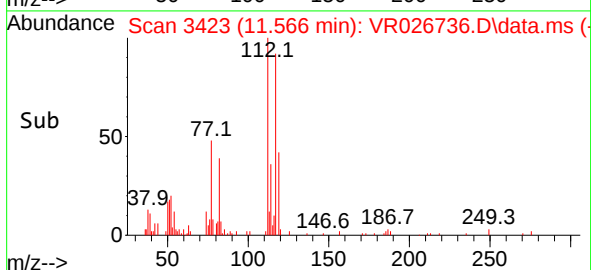
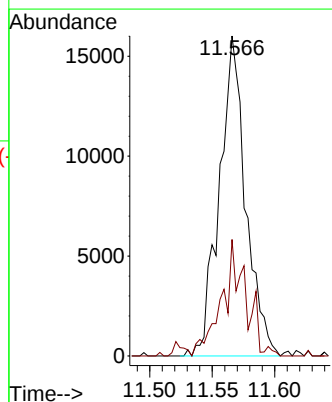
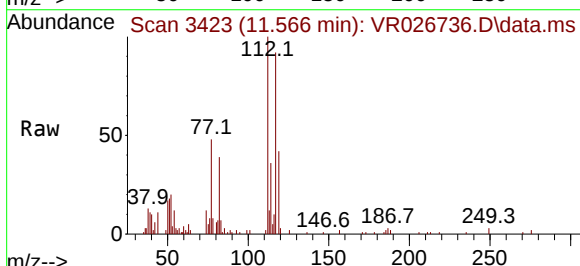
Acq: 11 Aug 2025 13:01

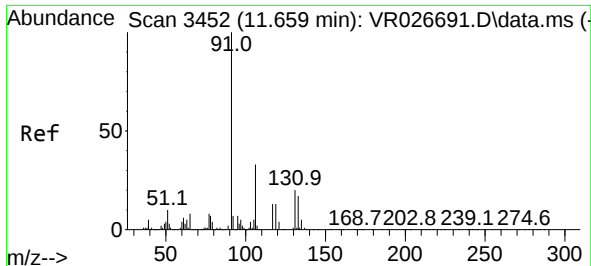
Tgt Ion:112 Resp: 23516

Ion Ratio Lower Upper

112 100

114 36.4 25.0 37.6

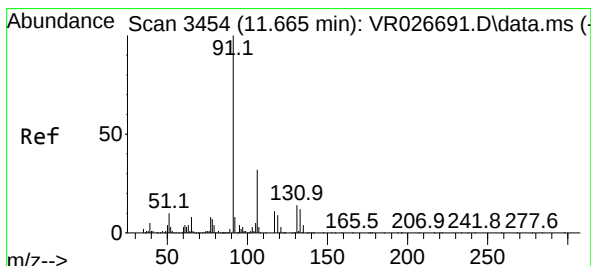
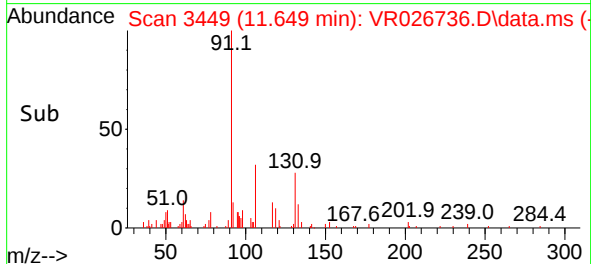
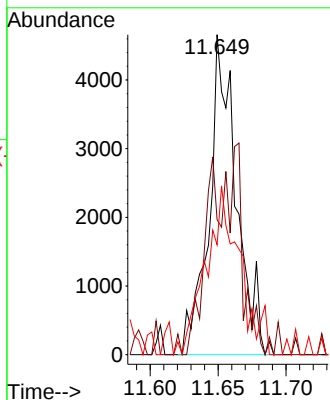
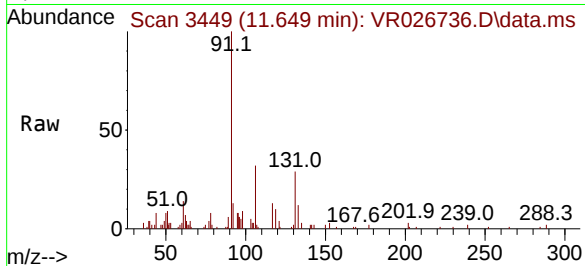




#65
 1,1,1,2-Tetrachloroethane
 Concen: 2.339 ug/l
 RT: 11.649 min Scan# 3449
 Delta R.T. -0.010 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

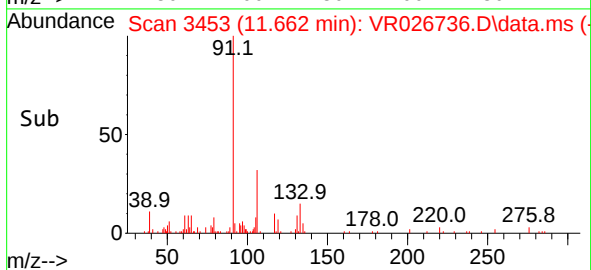
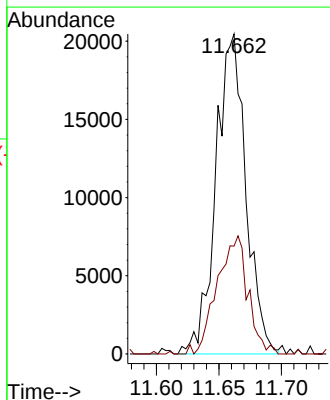
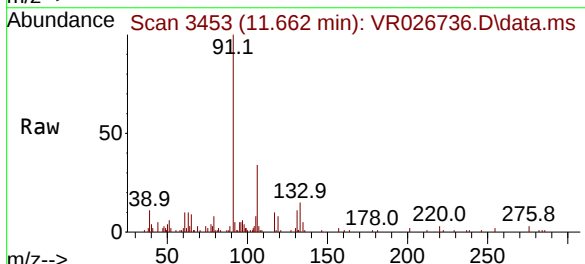
Instrument : MSVOA_R
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025

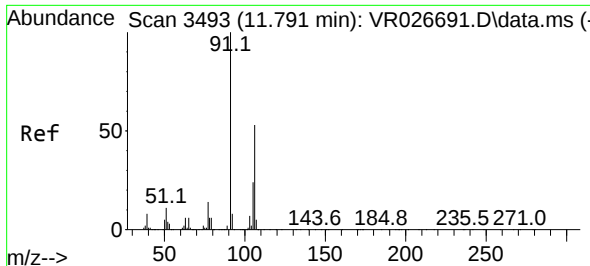
Tgt Ion:131 Resp: 6480
 Ion Ratio Lower Upper
 131 100
 133 36.6 46.2 138.5#
 119 0.0 35.7 107.1#



#66
 Ethyl Benzene
 Concen: 2.023 ug/l
 RT: 11.662 min Scan# 3453
 Delta R.T. -0.003 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

Tgt Ion: 91 Resp: 34263
 Ion Ratio Lower Upper
 91 100
 106 33.7 25.4 38.0

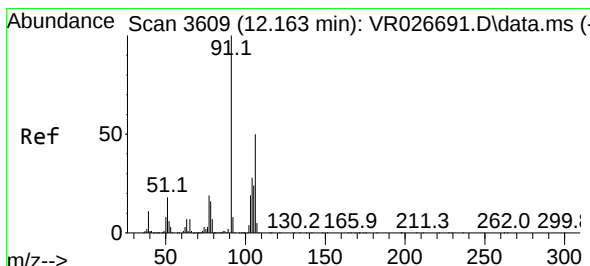
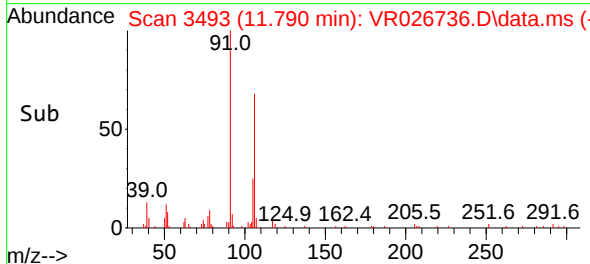
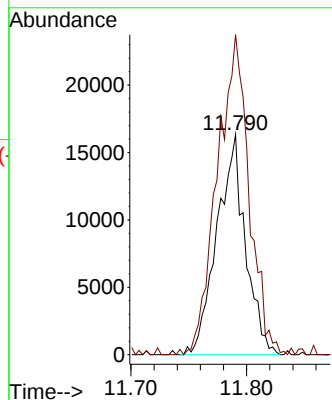
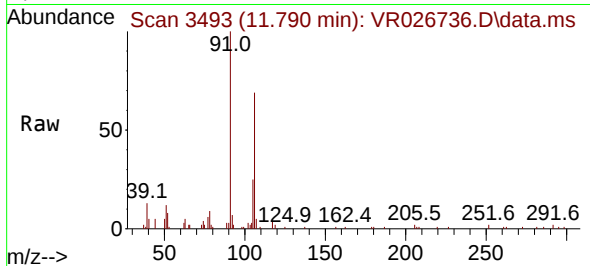




#67
m/p-Xylenes
Concen: 4.114 ug/l
RT: 11.790 min Scan# 3493
Delta R.T. -0.000 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

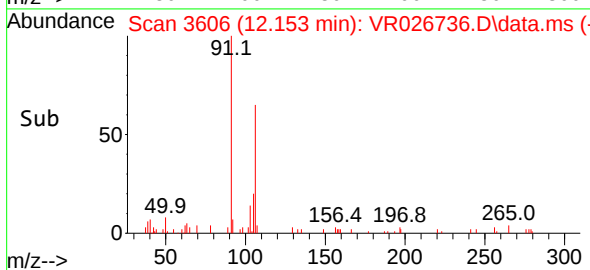
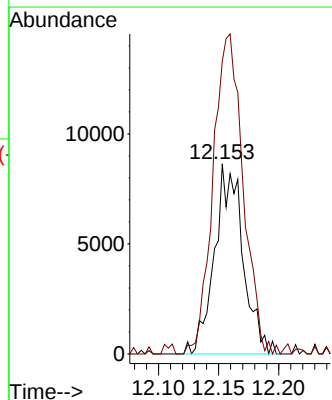
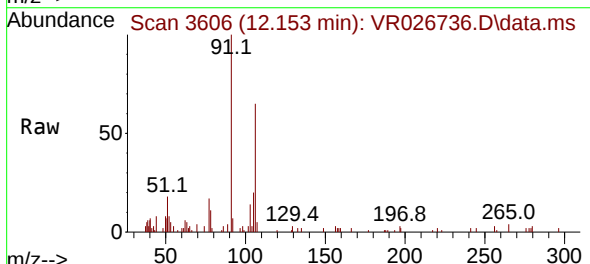
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

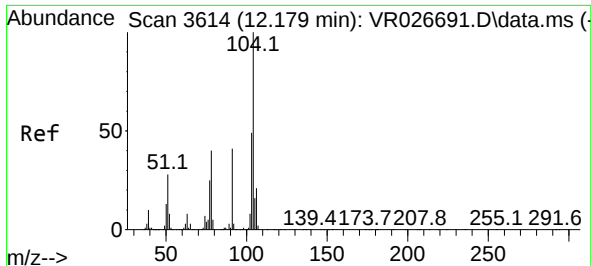
Tgt Ion:106 Resp: 27830
Ion Ratio Lower Upper
106 100
91 162.7 146.8 220.2



#68
o-Xylene
Concen: 2.160 ug/l
RT: 12.153 min Scan# 3606
Delta R.T. -0.010 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion:106 Resp: 14182
Ion Ratio Lower Upper
106 100
91 178.2 97.9 293.6

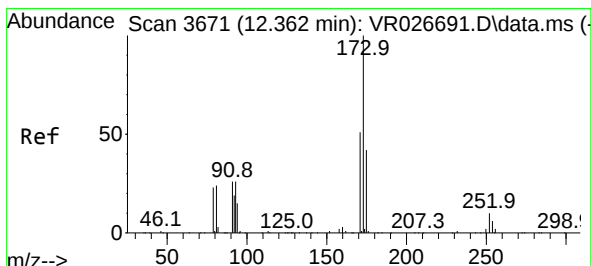
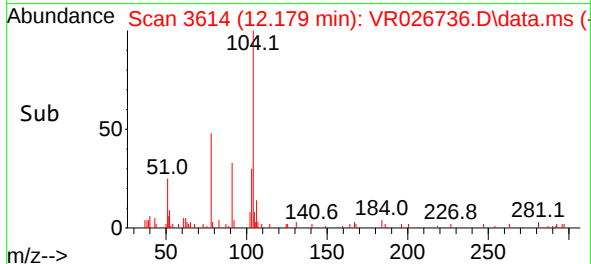
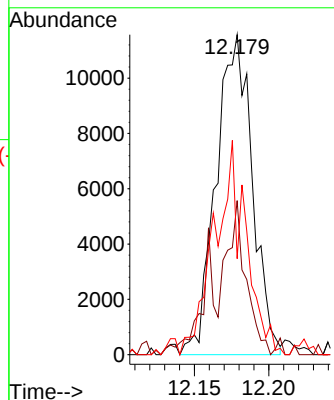
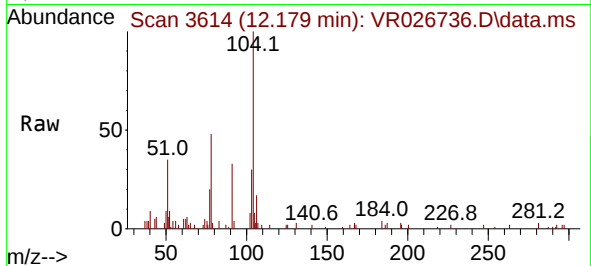




#69
Styrene
Concen: 1.783 ug/l
RT: 12.179 min Scan# 3614
Delta R.T. -0.000 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

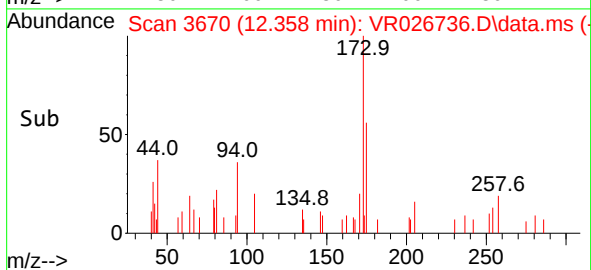
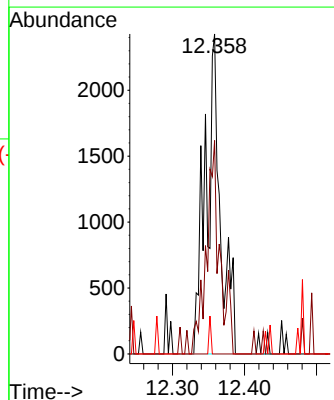
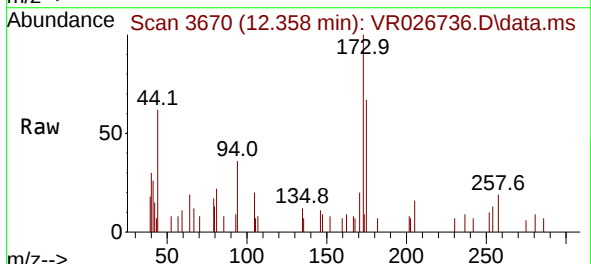
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

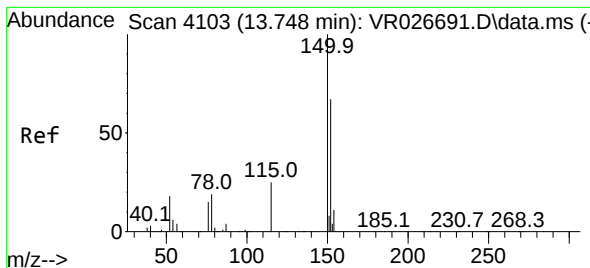
Tgt Ion:104 Resp: 19562
Ion Ratio Lower Upper
104 100
78 25.9 34.5 51.7#
103 58.2 43.2 64.8



#70
Bromoform
Concen: 2.205 ug/l m
RT: 12.358 min Scan# 3670
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion:173 Resp: 3457
Ion Ratio Lower Upper
173 100
175 53.3 23.6 71.0
254 1.6 0.1 0.1#

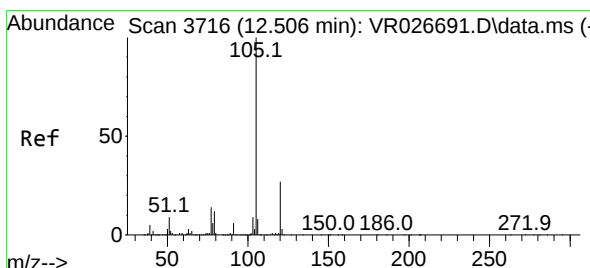
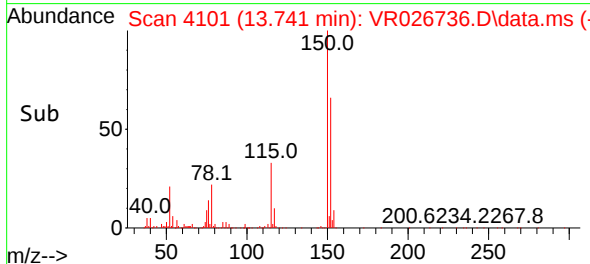
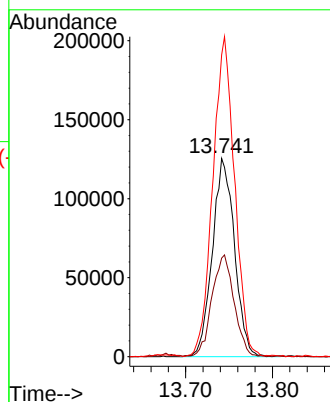
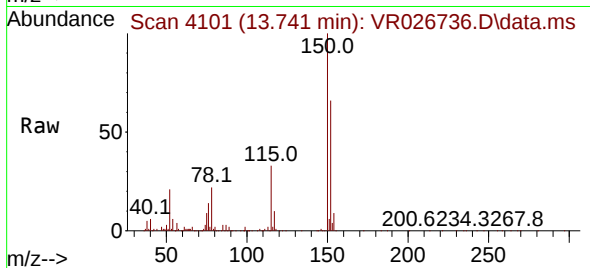




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.741 min Scan# 4103
Delta R.T. -0.006 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

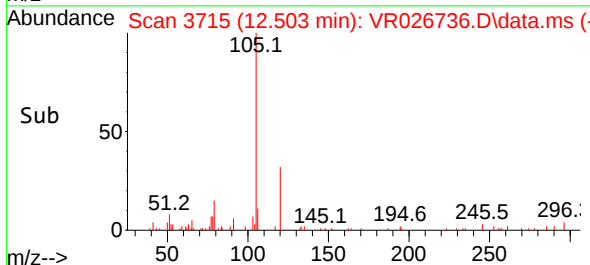
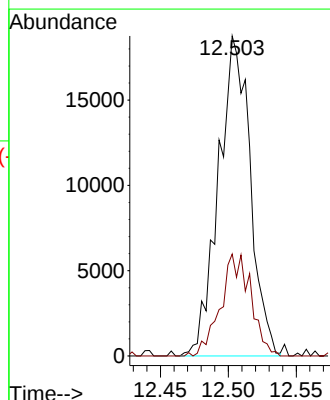
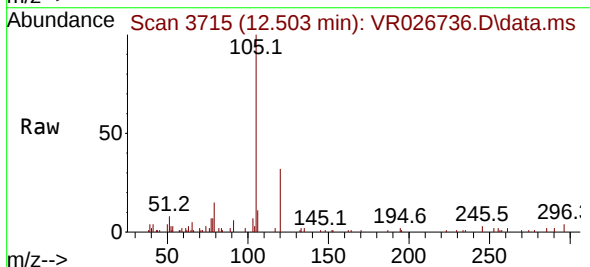
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

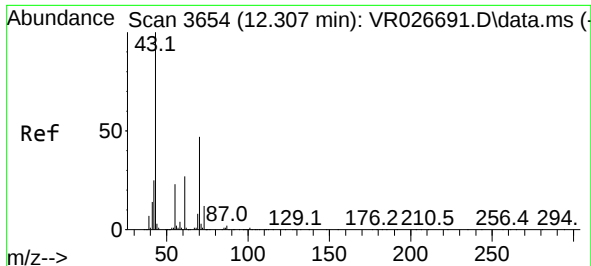
Tgt Ion:152 Resp: 222286
Ion Ratio Lower Upper
152 100
115 51.3 27.8 83.4
150 158.1 0.0 350.4



#72
Isopropylbenzene
Concen: 1.924 ug/l
RT: 12.503 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion:105 Resp: 30490
Ion Ratio Lower Upper
105 100
120 30.4 14.2 42.8

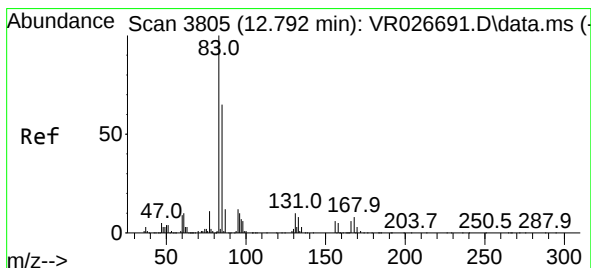
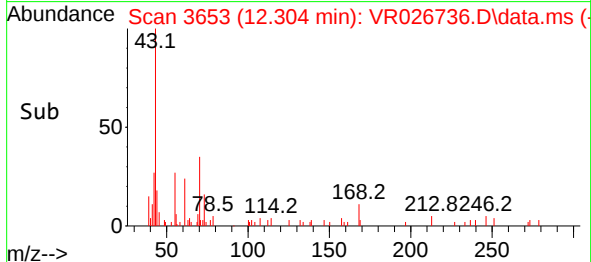
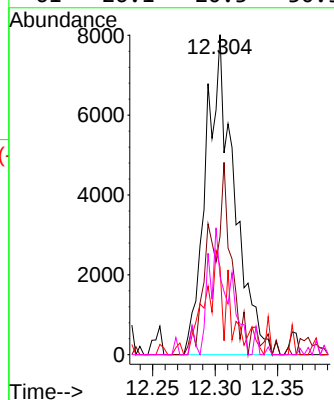
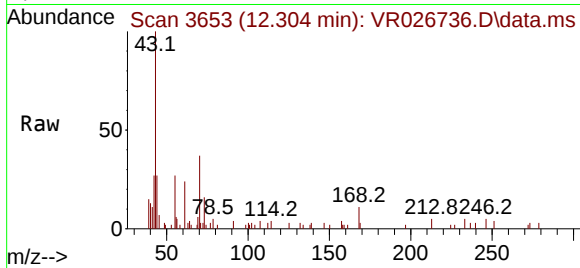




#73
N-ethyl acetate
Concen: 2.014 ug/l
RT: 12.304 min Scan# 30
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

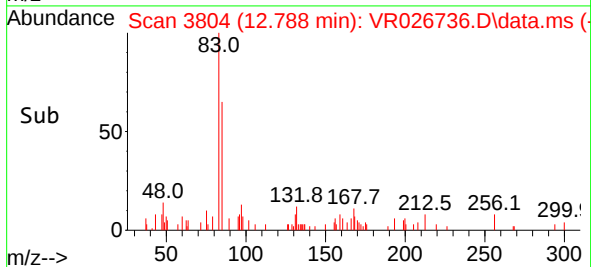
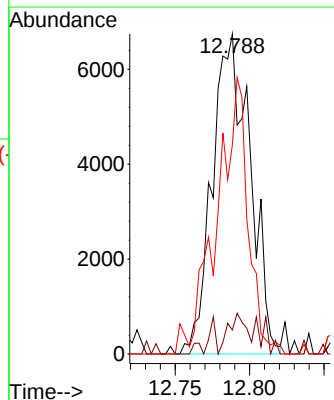
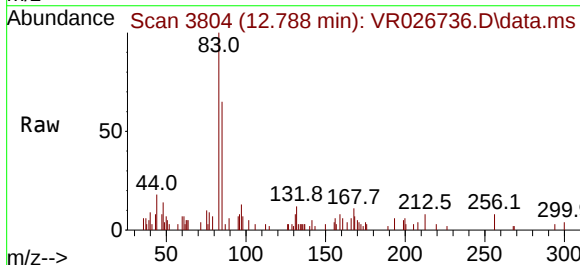
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

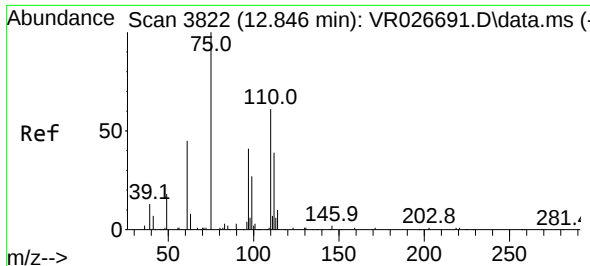
Tgt Ion: 43	Resp: 12651
Ion Ratio	Lower Upper
43 100	
70 43.4	36.4 54.6
55 17.8	18.7 28.1#
61 26.1	20.3 30.5



#74
1,1,2,2-Tetrachloroethane
Concen: 2.553 ug/l
RT: 12.788 min Scan# 3804
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 83	Resp: 11869
Ion Ratio	Lower Upper
83 100	
131 6.0	4.2 12.4
85 69.9	32.3 96.8

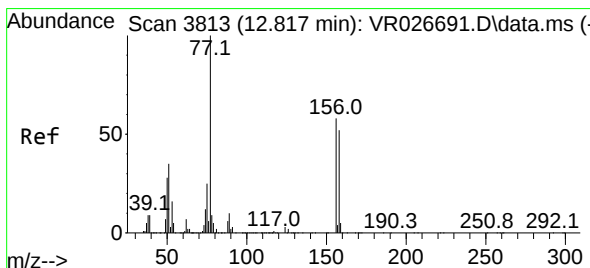
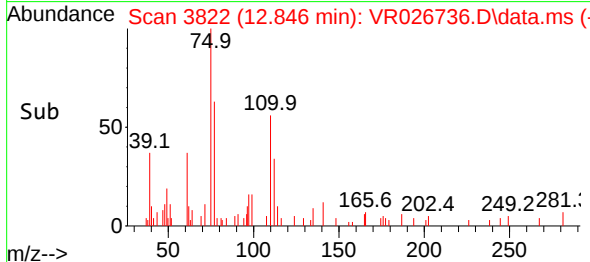
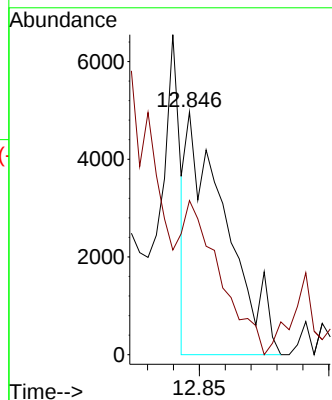
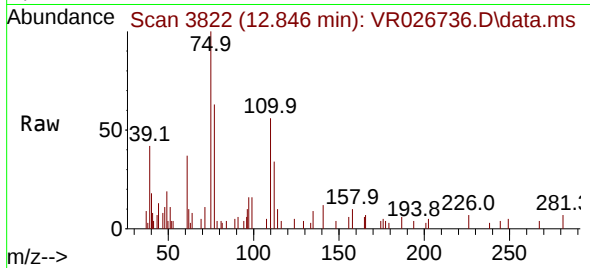




#75
1,2,3-Trichloropropane
Concen: 1.421 ug/l m
RT: 12.846 min Scan# 3822
Delta R.T. -0.000 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

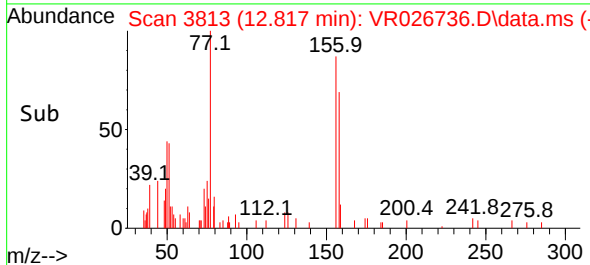
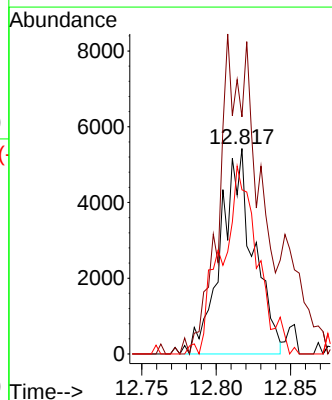
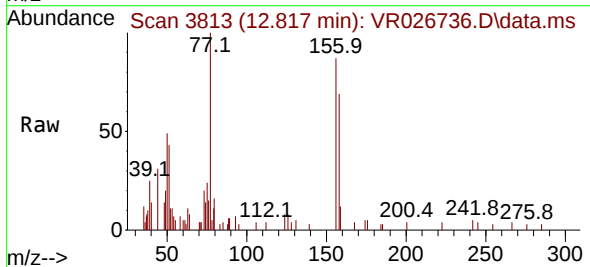
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

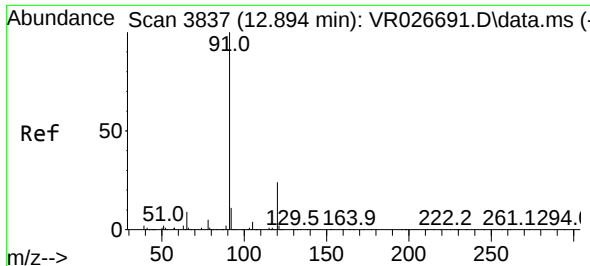
Tgt Ion: 75 Resp: 5237
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 2.282 ug/l
RT: 12.817 min Scan# 3813
Delta R.T. -0.000 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 156 Resp: 8366
Ion Ratio Lower Upper
156 100
77 103.4 105.5 316.4#
158 99.9 46.4 139.1

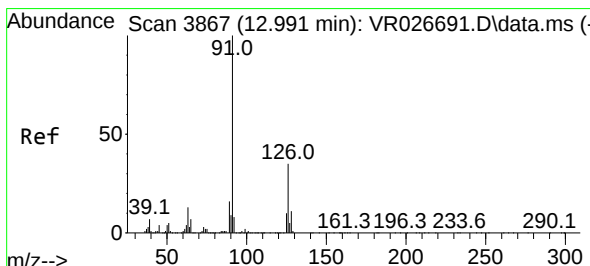
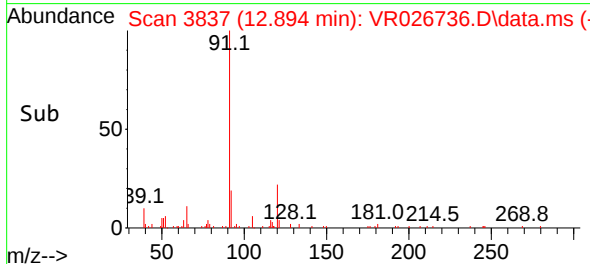
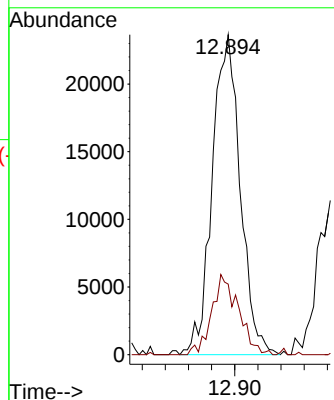
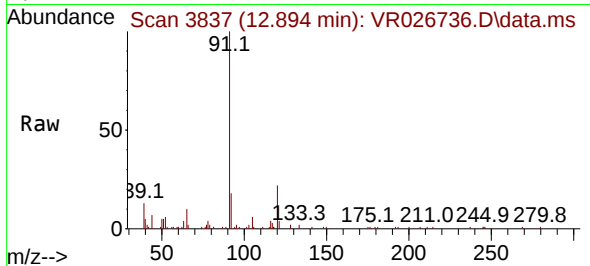




#77
n-propylbenzene
Concen: 2.100 ug/l
RT: 12.894 min Scan# 3837
Delta R.T. -0.000 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

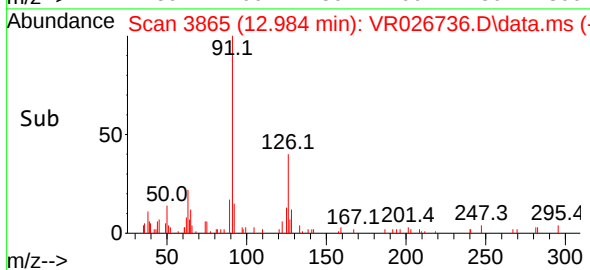
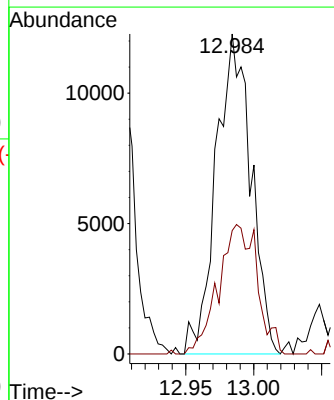
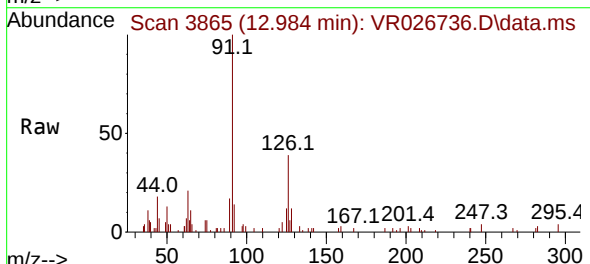
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

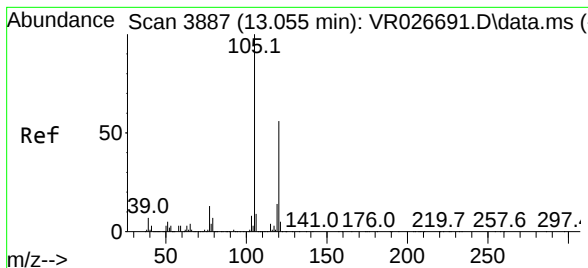
Tgt Ion: 91 Resp: 39703
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.9



#78
2-Chlorotoluene
Concen: 2.039 ug/l
RT: 12.984 min Scan# 3865
Delta R.T. -0.006 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 91 Resp: 21872
Ion Ratio Lower Upper
91 100
126 45.0 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 2.006 ug/l

RT: 13.055 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

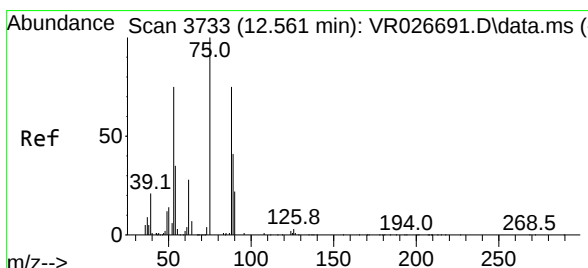
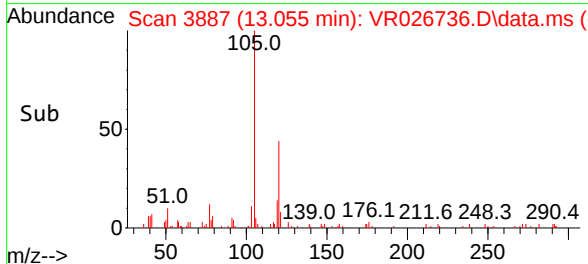
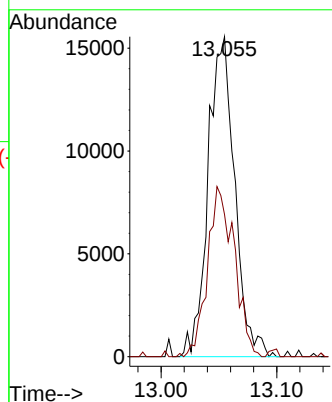
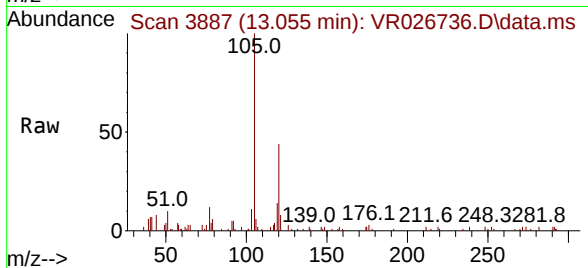
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 24858

Ion Ratio Lower Upper

105 100

120 53.5 26.6 79.7



#80

trans-1,4-Dichloro-2-butene

Concen: 1.632 ug/l m

RT: 12.554 min Scan# 3731

Delta R.T. -0.006 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

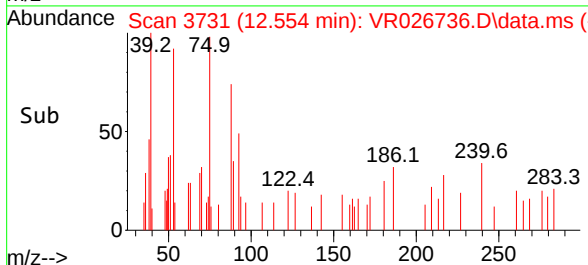
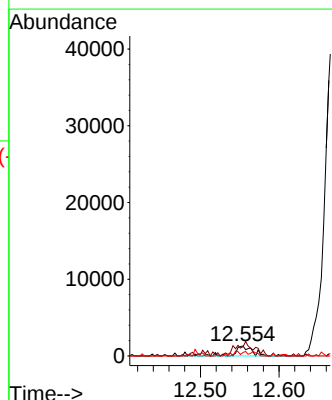
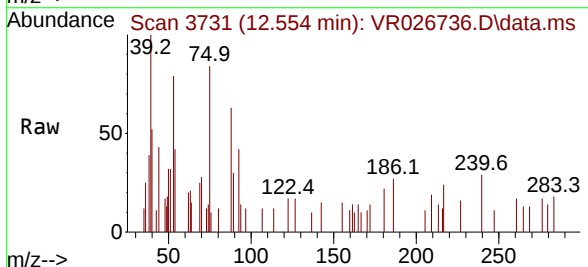
Tgt Ion: 75 Resp: 2065

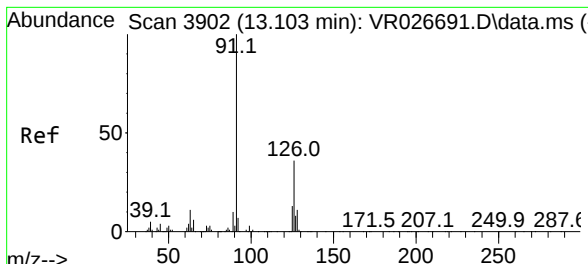
Ion Ratio Lower Upper

75 100

53 9.2 67.8 101.6#

89 7.0 34.6 52.0#

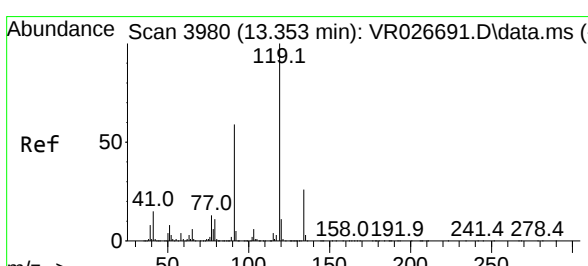
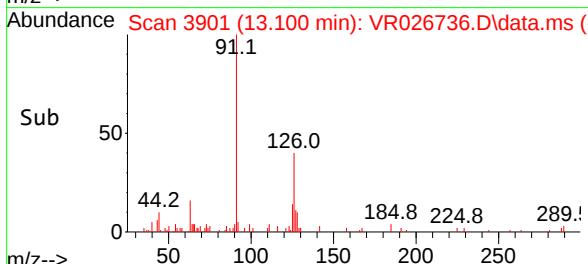
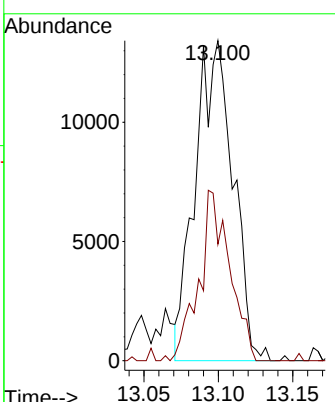
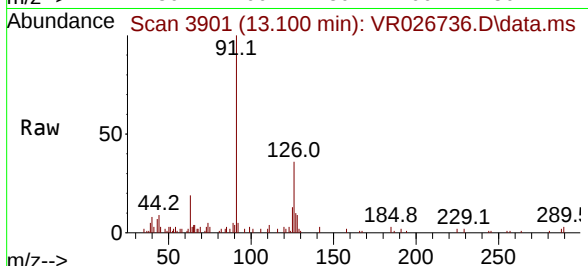




#81
 4-Chlorotoluene
 Concen: 2.169 ug/l
 RT: 13.100 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

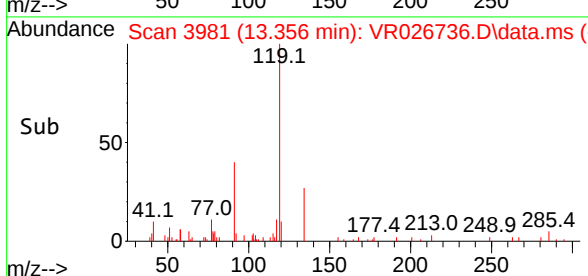
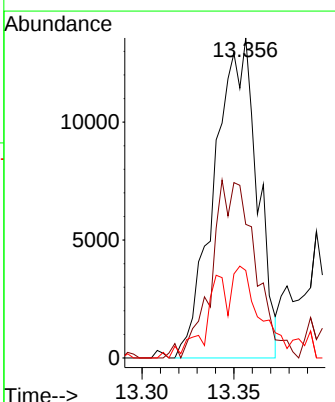
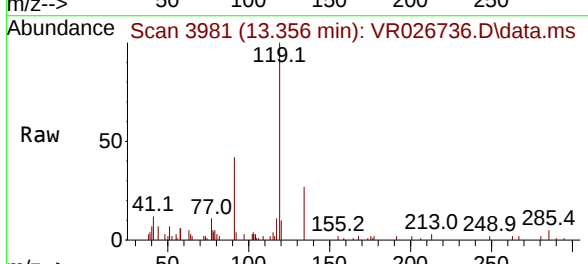
Instrument : MSVOA_R
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025

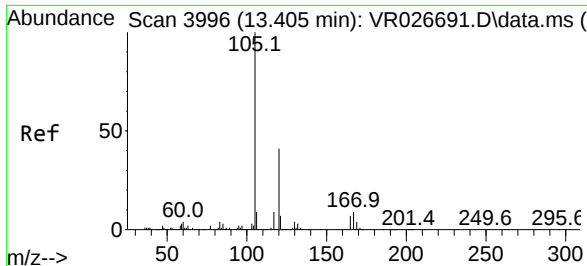
Tgt Ion:	91	Resp:	23761
Ion Ratio	Lower	Upper	
91	100		
126	43.0	17.8	53.3



#82
 tert-Butylbenzene
 Concen: 1.951 ug/l
 RT: 13.356 min Scan# 3981
 Delta R.T. 0.003 min
 Lab File: VR026736.D
 Acq: 11 Aug 2025 13:01

Tgt Ion:	119	Resp:	21982
Ion Ratio	Lower	Upper	
119	100		
91	0.0	29.9	89.7#
134	18.3	13.5	40.4

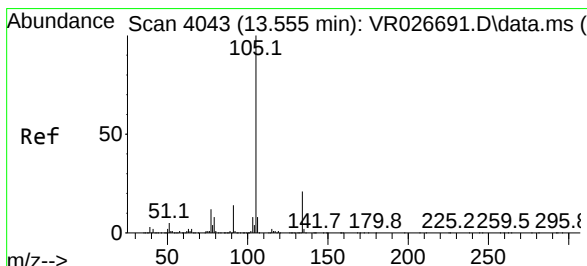
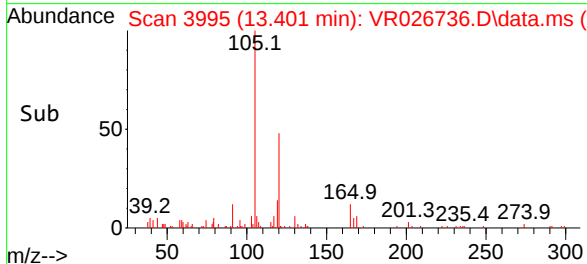
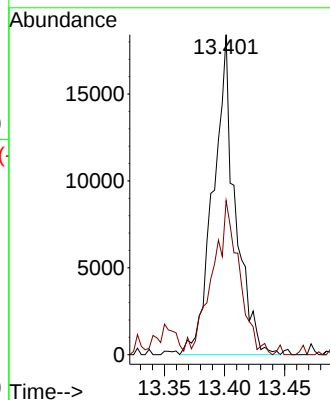
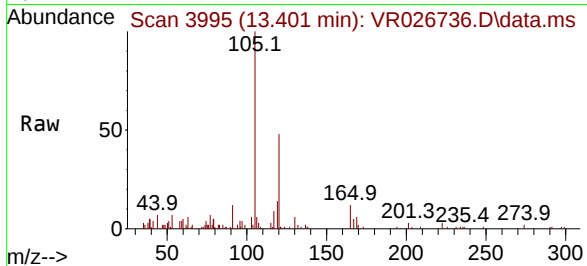




#83
1,2,4-Trimethylbenzene
Concen: 1.912 ug/l
RT: 13.401 min Scan# 3995
Delta R.T. -0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

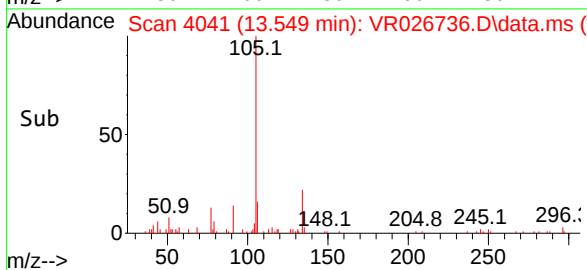
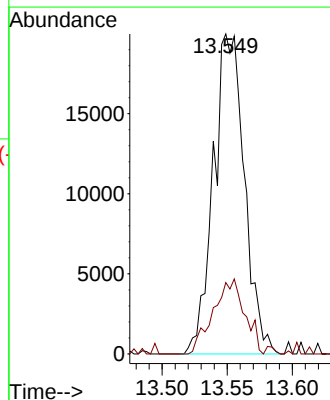
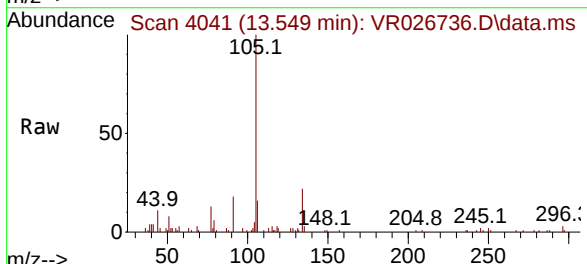
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

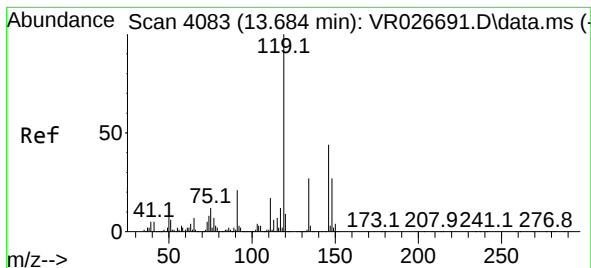
Tgt Ion:105 Resp: 23453
Ion Ratio Lower Upper
105 100
120 58.6 25.0 75.0



#84
sec-Butylbenzene
Concen: 1.979 ug/l
RT: 13.549 min Scan# 4041
Delta R.T. -0.006 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion:105 Resp: 33072
Ion Ratio Lower Upper
105 100
134 23.9 10.4 31.1





#85

p-Isopropyltoluene

Concen: 1.960 ug/l

RT: 13.677 min Scan# 4081

Delta R.T. -0.006 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

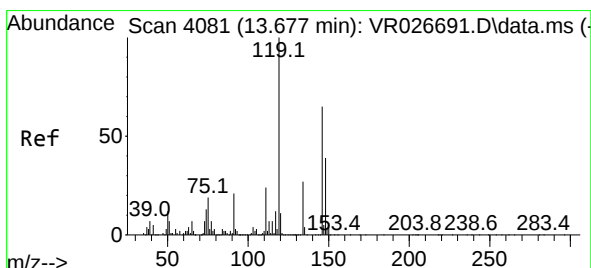
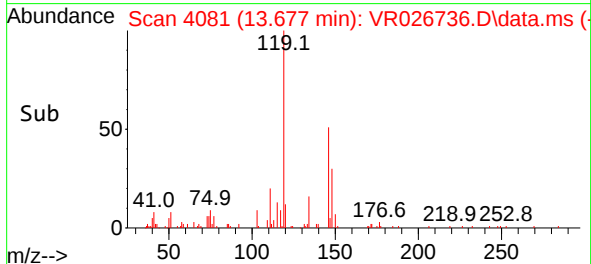
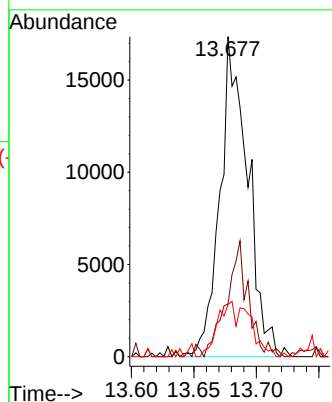
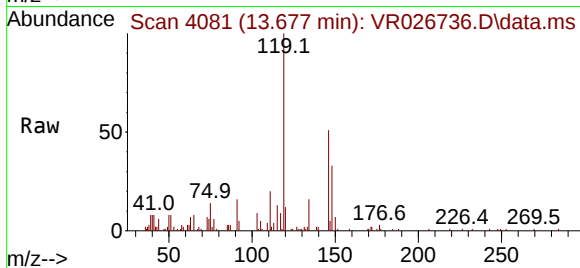
Instrument :

MSVOA_R

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:	119	Resp:	26702
Ion Ratio	Lower	Upper	
119	100		
134	27.6	13.9	41.7
91	11.1	10.4	31.2



#86

1,3-Dichlorobenzene

Concen: 2.619 ug/l m

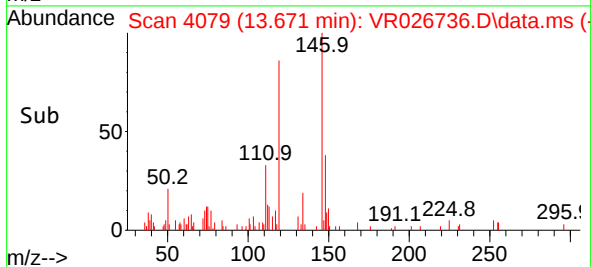
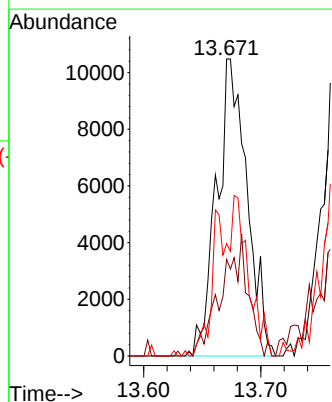
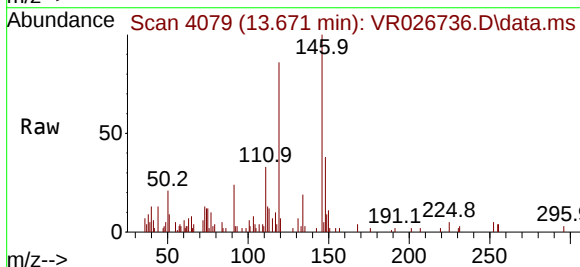
RT: 13.671 min Scan# 4079

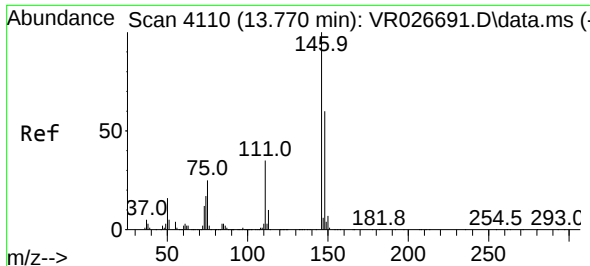
Delta R.T. -0.006 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

Tgt Ion:	146	Resp:	18828
Ion Ratio	Lower	Upper	
146	100		
111	19.5	19.4	58.2
148	59.7	31.4	94.3

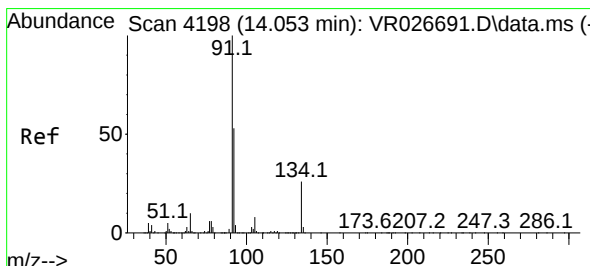
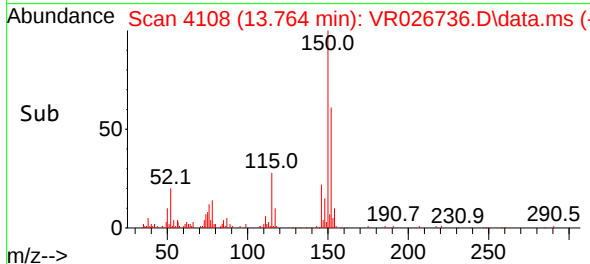
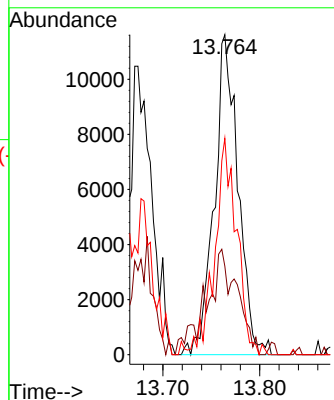
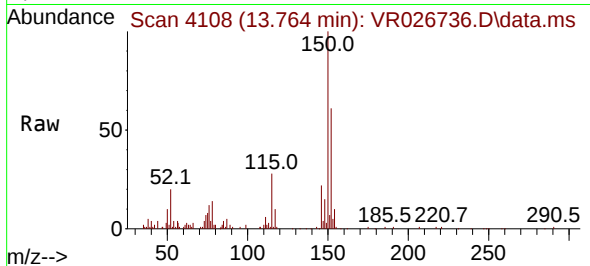




#87
1,4-Dichlorobenzene
Concen: 2.750 ug/l m
RT: 13.764 min Scan# 4110
Delta R.T. -0.006 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

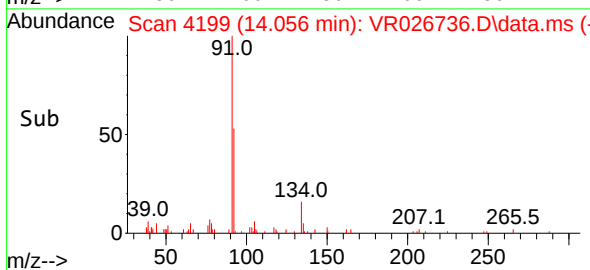
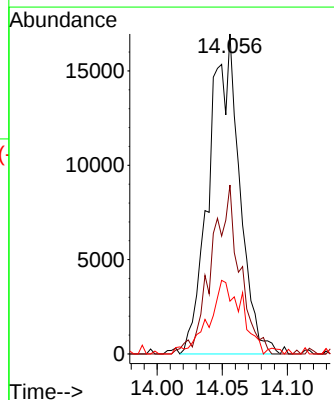
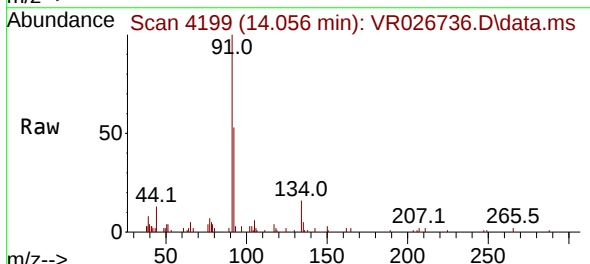
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

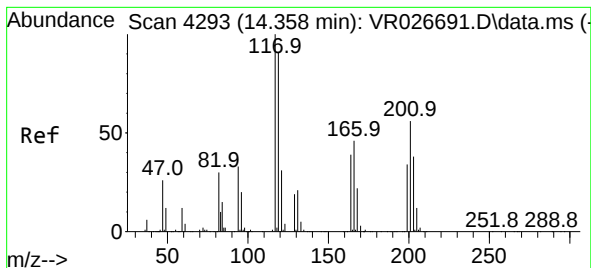
Tgt Ion:146 Resp: 19841
Ion Ratio Lower Upper
146 100
111 18.5 19.1 57.3#
148 56.6 32.6 97.8



#88
n-Butylbenzene
Concen: 2.207 ug/l
RT: 14.056 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VR026736.D
Acq: 11 Aug 2025 13:01

Tgt Ion: 91 Resp: 27719
Ion Ratio Lower Upper
91 100
92 48.8 27.1 81.2
134 24.7 13.1 39.3





#89

Hexachloroethane

Concen: 1.877 ug/l m

RT: 14.354 min Scan# 41

Delta R.T. -0.003 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

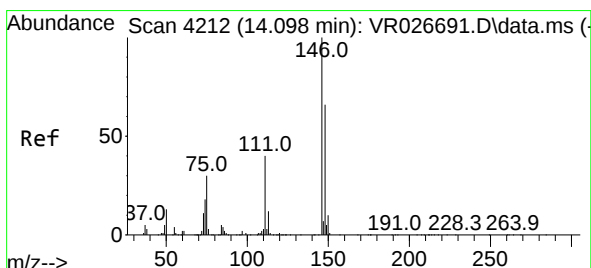
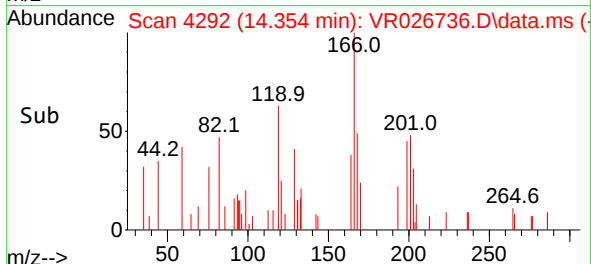
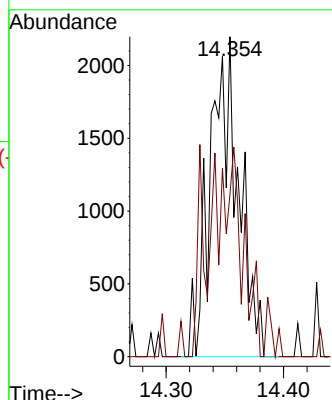
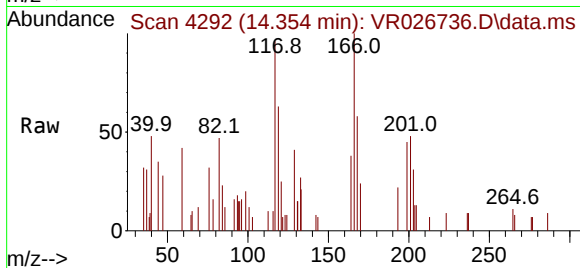
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:117 Resp: 3672

Ion Ratio Lower Upper

117 100

201 15.4 30.6 92.0#



#90

1,2-Dichlorobenzene

Concen: 2.670 ug/l

RT: 14.094 min Scan# 4211

Delta R.T. -0.003 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

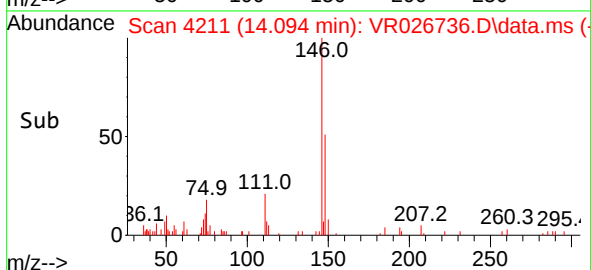
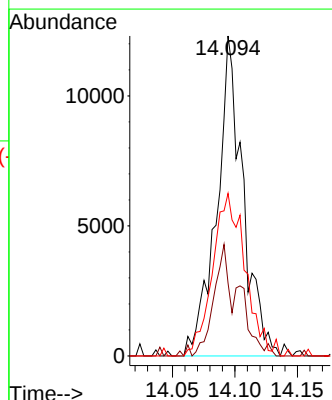
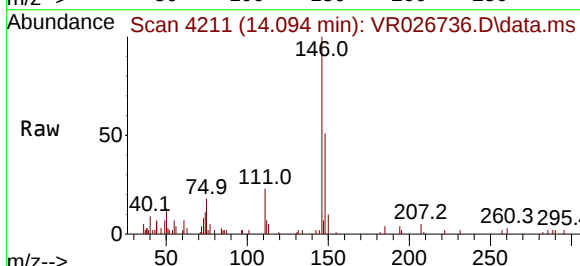
Tgt Ion:146 Resp: 18026

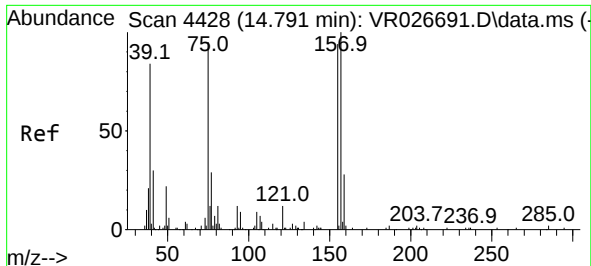
Ion Ratio Lower Upper

146 100

111 20.4 20.0 60.0

148 62.3 32.4 97.0





#91

1,2-Dibromo-3-Chloropropane

Concen: 3.758 ug/l m

RT: 14.788 min Scan# 4428

Delta R.T. -0.003 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

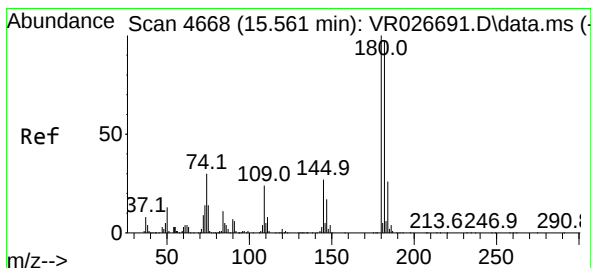
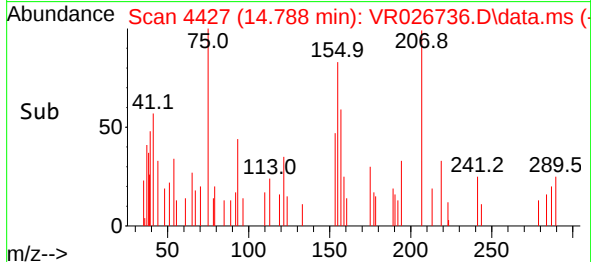
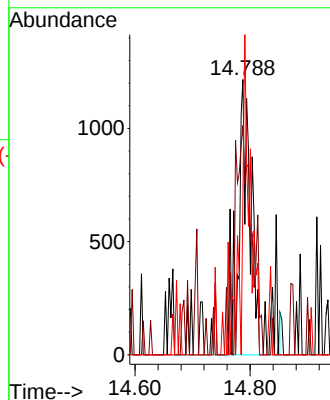
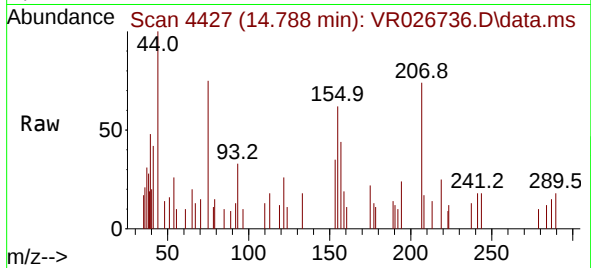
Tgt Ion: 75 Resp: 2326

Ion Ratio Lower Upper

75 100

155 3.2 48.0 144.2#

157 3.3 59.5 178.4#



#92

1,2,4-Trichlorobenzene

Concen: 2.743 ug/l

RT: 15.555 min Scan# 4666

Delta R.T. -0.006 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

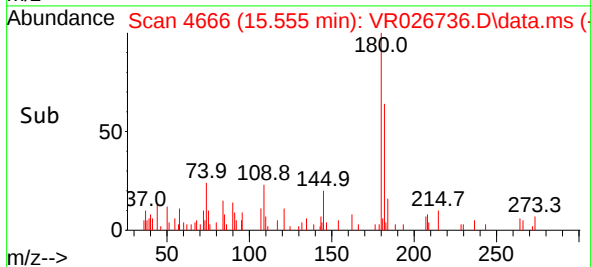
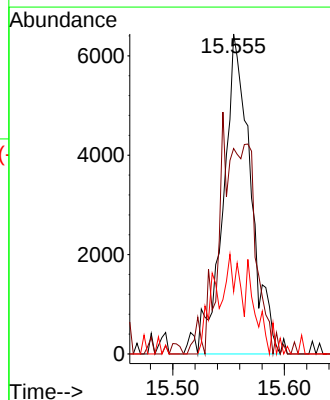
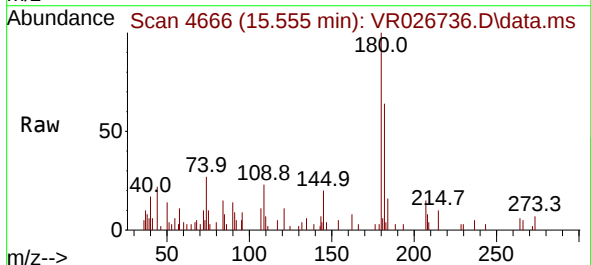
Tgt Ion: 180 Resp: 11075

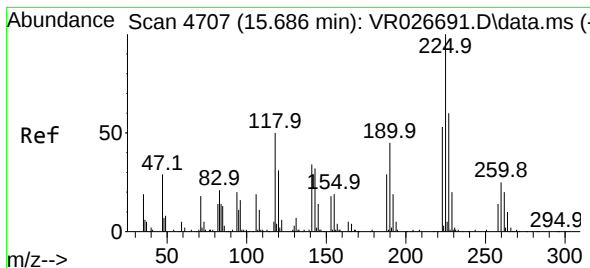
Ion Ratio Lower Upper

180 100

182 24.3 47.0 141.0#

145 16.9 15.2 45.5





#93

Hexachlorobutadiene

Concen: 3.228 ug/l m

RT: 15.683 min Scan# 41

Delta R.T. -0.003 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

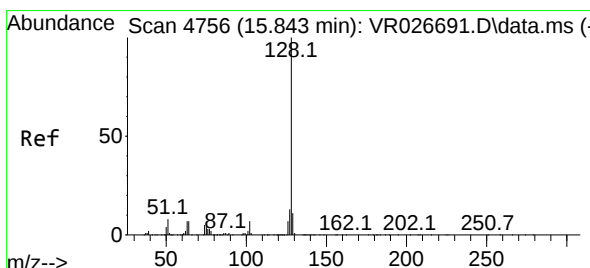
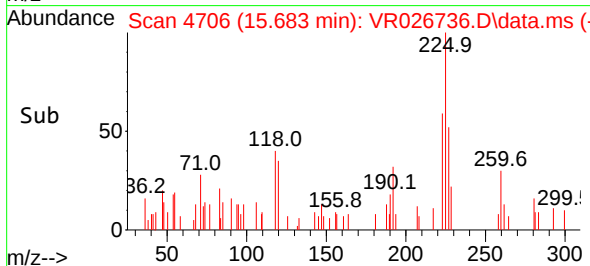
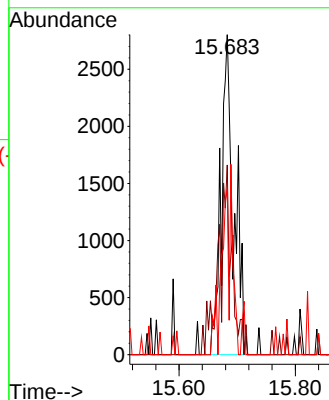
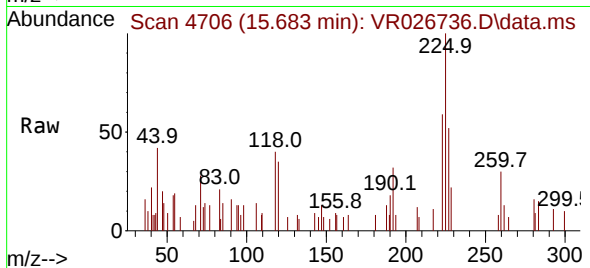
Tgt Ion:225 Resp: 4234

Ion Ratio Lower Upper

225 100

223 29.9 31.4 94.2#

227 25.1 31.6 95.0#



#94

Naphthalene

Concen: 3.653 ug/l

RT: 15.837 min Scan# 4754

Delta R.T. -0.006 min

Lab File: VR026736.D

Acq: 11 Aug 2025 13:01

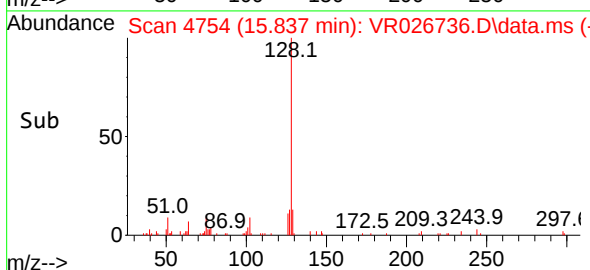
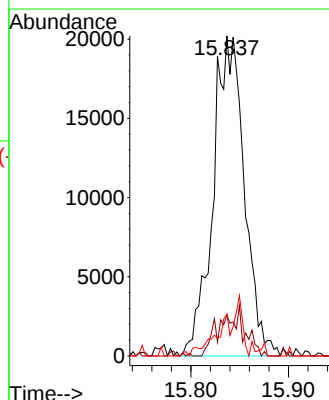
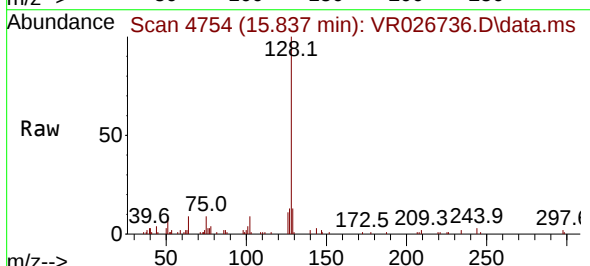
Tgt Ion:128 Resp: 45188

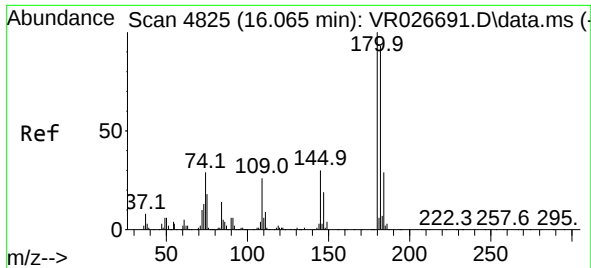
Ion Ratio Lower Upper

128 100

127 2.5 9.8 14.8#

129 6.5 8.6 13.0#





#95

1,2,3-Trichlorobenzene

Concen: 2.726 ug/l

RT: 16.058 min Scan# 41

Delta R.T. -0.006 min

Lab File: VR026736.D

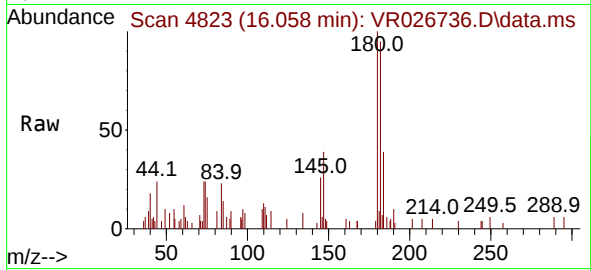
Acq: 11 Aug 2025 13:01

Instrument :

MSVOA_R

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:180 Resp: 10446

Ion	Ratio	Lower	Upper
180	100		
182	110.6	47.2	141.6
145	17.8	15.5	46.5

180 100

182 110.6 47.2 141.6

145 17.8 15.5 46.5

