

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082125\
 Data File : VR026754.D
 Acq On : 21 Aug 2025 13:36
 Operator : SY/MD
 Sample : Q2893-07
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Aug 22 06:55:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 06:50:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.388	168	1678942	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.392	114	2852335	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.566	117	2105403	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.764	152	611538	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.773	65	960796	45.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.140%
34) Dibromofluoromethane	7.295	113	813164	43.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.420%
49) Toluene-d8	10.074	98	3057572	49.026	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.060%
61) 4-Bromofluorobenzene	12.695	95	684844	38.702	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	77.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.824	85	45405	2.862	ug/l	83
3) Chloromethane	1.821	50	2251	1.192	ug/l #	98
4) Vinyl Chloride	2.125	62	77303	2.961	ug/l	100
5) Bromomethane	2.453	94	22834	2.849	ug/l	88
6) Chloroethane	2.587	64	47972	3.220	ug/l	99
7) Trichlorofluoromethane	2.879	101	145363	2.872	ug/l	92
8) Diethyl Ether	3.236	74	43918	2.713	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.544	101	26569	1.314	ug/l #	35
10) Methyl Iodide	3.717	142	52553	2.445	ug/l #	75
11) Tert butyl alcohol	4.506	59	17507	5.401	ug/l	100
12) 1,1-Dichloroethene	3.515	96	23729	1.081	ug/l	93
13) Acrolein	3.409	56	21666	9.671	ug/l #	1
14) Allyl chloride	4.047	41	41085	1.016	ug/l #	1
15) Acrylonitrile	4.670	53	147458	10.637	ug/l #	90
16) Acetone	3.611	43	165785	14.855	ug/l	92
17) Carbon Disulfide	3.816	76	124795	2.342	ug/l	96
18) Methyl Acetate	4.070	43	69014	2.123	ug/l #	83
19) Methyl tert-butyl Ether	4.718	73	164260	2.360	ug/l	95
20) Methylene Chloride	4.259	84	71992	3.024	ug/l	95
21) trans-1,2-Dichloroethene	4.712	96	59609	2.598	ug/l	90
22) Diisopropyl ether	5.620	45	213479	2.566	ug/l	95
23) Vinyl Acetate	5.546	43	808323	14.649	ug/l #	72
24) 1,1-Dichloroethane	5.491	63	107270	2.620	ug/l #	94
25) 2-Butanone	6.502	43	202406	11.681	ug/l #	84
26) 2,2-Dichloropropane	6.477	77	61912	2.207	ug/l #	58
27) cis-1,2-Dichloroethene	6.483	96	63579	2.448	ug/l	99
28) Bromochloromethane	6.868	49	37757	3.116	ug/l #	18
29) Chloroform	7.057	83	92010	2.501	ug/l	88
30) Cyclohexane	7.378	56	144177	3.339	ug/l #	76
31) 1,1,1-Trichloroethane	7.276	97	73131	2.448	ug/l	95
35) 1,1-Dichloropropene	7.520	75	68815	2.375	ug/l	99
36) Ethyl Acetate	6.602	43	58589	1.581	ug/l #	89
37) Carbon Tetrachloride	7.503	117	52920	2.030	ug/l #	87
38) Methylcyclohexane	8.941	83	84334	2.326	ug/l	91
39) Benzene	7.789	78	236035	2.654	ug/l #	86
40) Methacrylonitrile	6.849	41	35993	1.862	ug/l	92

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.872	62	58216	2.361	ug/l #	72
42) Isopropyl Acetate	7.946	43	103992	1.979	ug/l #	82
43) Trichloroethene	8.665	130	46329	2.388	ug/l	94
44) 1,2-Dichloropropane	8.980	63	48096	2.259	ug/l	100
45) Dibromomethane	9.073	93	29685	2.195	ug/l	97
46) Bromodichloromethane	9.294	83	52177	2.072	ug/l	90
47) Methyl methacrylate	9.082	41	45050	1.757	ug/l	97
48) 1,4-Dioxane	9.082	88	5445	16.527	ug/l #	14
50) 4-Methyl-2-Pentanone	9.961	43	286077	11.013	ug/l #	72
51) Toluene	10.148	92	125551	2.472	ug/l	87
52) t-1,3-Dichloropropene	10.401	75	40659	1.705	ug/l	93
53) cis-1,3-Dichloropropene	9.788	75	56232	1.944	ug/l	94
54) 1,1,2-Trichloroethane	10.603	97	37915	2.103	ug/l	94
55) Ethyl methacrylate	10.462	69	56660	1.827	ug/l	100
56) 1,3-Dichloropropane	10.770	76	67898	2.235	ug/l	97
57) 2-Chloroethyl Vinyl ether	9.631	63	4323	2.602	ug/l #	68
58) 2-Hexanone	10.831	43	168669	9.500	ug/l	81
59) Dibromochloromethane	10.988	129	30634	1.807	ug/l	100
60) 1,2-Dibromoethane	11.107	107	33707	2.069	ug/l	94
63) Tetrachloroethene	10.683	164	37296	2.521	ug/l #	75
64) Chlorobenzene	11.595	112	124012	2.647	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.685	131	29653	1.885	ug/l	90
66) Ethyl Benzene	11.685	91	203792	2.602	ug/l #	74
67) m/p-Xylenes	11.813	106	160082	4.884	ug/l #	73
68) o-Xylene	12.182	106	74046	2.229	ug/l	95
69) Styrene	12.201	104	103898	2.126	ug/l	91
70) Bromoform	12.381	173	13808	1.628	ug/l #	98
72) Isopropylbenzene	12.529	105	185215	2.790	ug/l	90
73) N-amyl acetate	12.326	43	37650	1.571	ug/l #	93
74) 1,1,2,2-Tetrachloroethane	12.805	83	43430	2.285	ug/l	97
75) 1,2,3-Trichloropropane	12.862	75	42333	2.808	ug/l #	100
76) Bromobenzene	12.833	156	33220	2.286	ug/l	90
77) n-propylbenzene	12.910	91	188080	2.643	ug/l	90
78) 2-Chlorotoluene	13.010	91	100338	2.387	ug/l	96
79) 1,3,5-Trimethylbenzene	13.074	105	113455	2.289	ug/l	94
80) trans-1,4-Dichloro-2-b...	12.692	75	352600	71.366	ug/l #	14
81) 4-Chlorotoluene	13.116	91	85708	2.226	ug/l	99
82) tert-Butylbenzene	13.366	119	108955	2.351	ug/l	91
83) 1,2,4-Trimethylbenzene	13.417	105	94136	2.083	ug/l	96
84) sec-Butylbenzene	13.568	105	139783	2.345	ug/l	96
85) p-Isopropyltoluene	13.703	119	99089	2.139	ug/l	95
86) 1,3-Dichlorobenzene	13.697	146	52414	2.429	ug/l	96
87) 1,4-Dichlorobenzene	13.783	146	55693	2.679	ug/l	88
88) n-Butylbenzene	14.072	91	81603	2.466	ug/l	98
89) Hexachloroethane	14.367	117	13959	1.858	ug/l	64
90) 1,2-Dichlorobenzene	14.111	146	50456	2.784	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.813	75	1973	1.047	ug/l #	73
92) 1,2,4-Trichlorobenzene	15.577	180	31566	2.651	ug/l	98
93) Hexachlorobutadiene	15.693	225	6925	1.765	ug/l #	38
94) Naphthalene	15.863	128	78727	2.312	ug/l #	95
95) 1,2,3-Trichlorobenzene	16.084	180	30668	2.655	ug/l	94

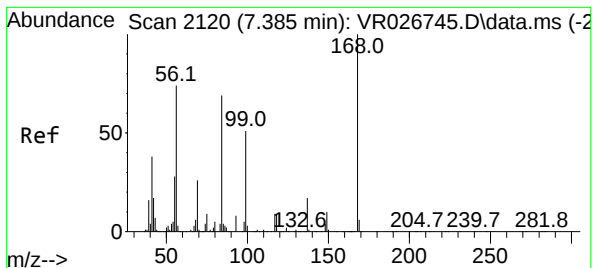
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

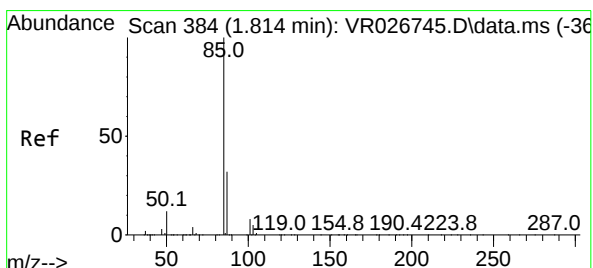
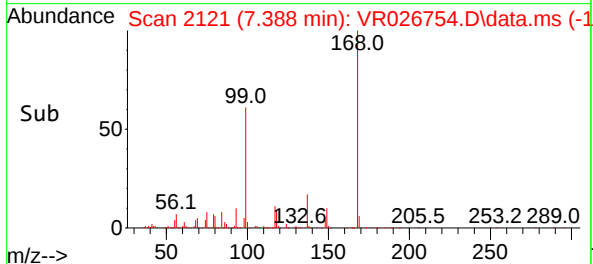
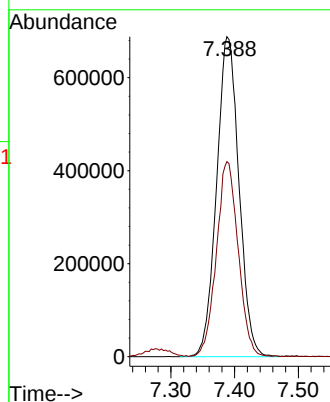
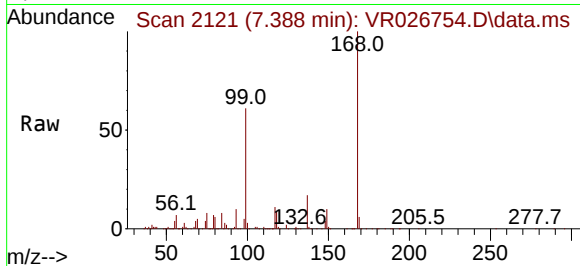
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.388 min Scan# 2120
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

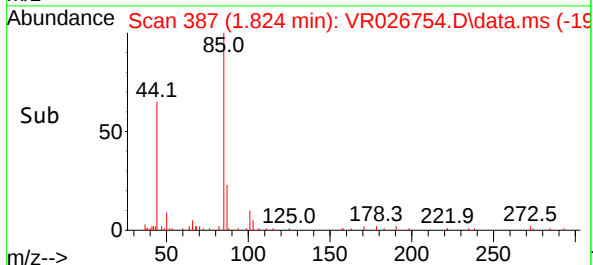
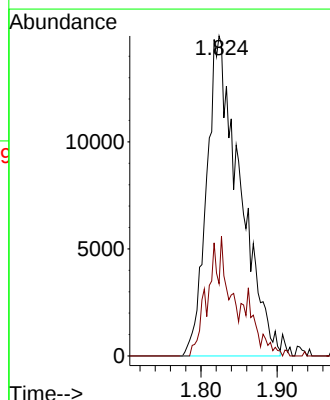
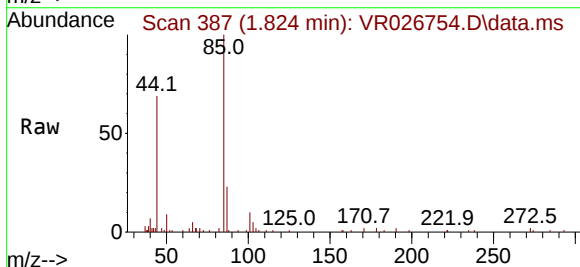
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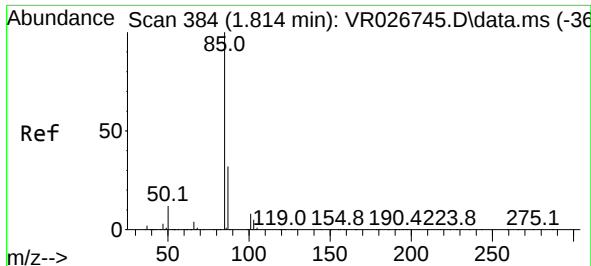
Tgt Ion:168 Resp: 1678942
Ion Ratio Lower Upper
168 100
99 60.9 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 2.862 ug/l
RT: 1.824 min Scan# 387
Delta R.T. 0.010 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 85 Resp: 45405
Ion Ratio Lower Upper
85 100
87 22.6 16.1 48.2

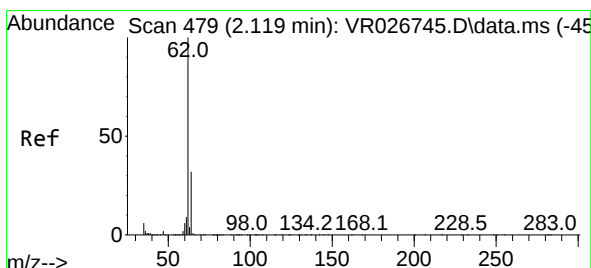
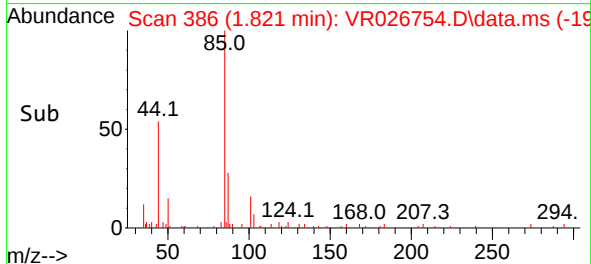
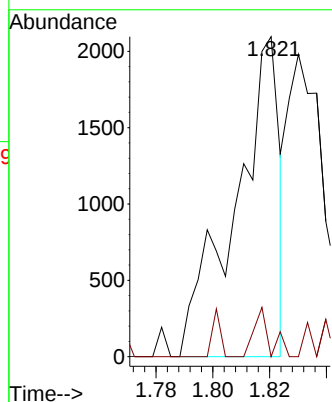
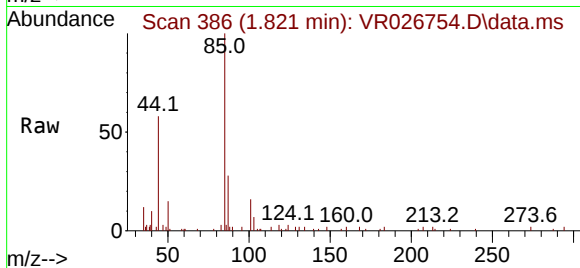




#3
Chloromethane
Concen: 1.192 ug/l
RT: 1.821 min Scan# 386
Delta R.T. 0.007 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

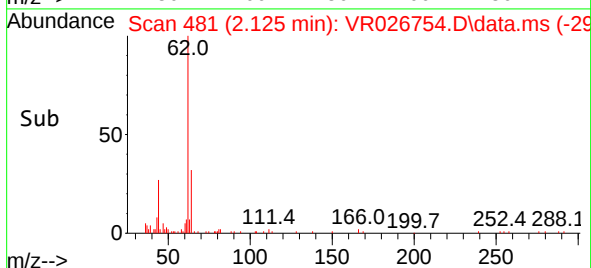
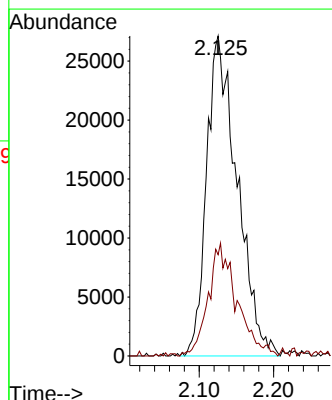
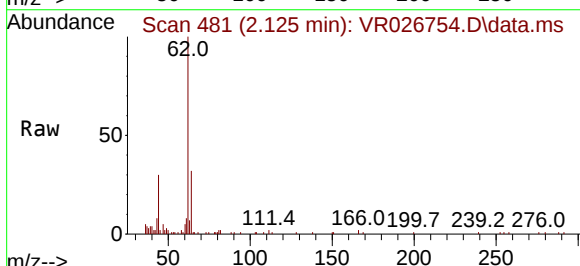
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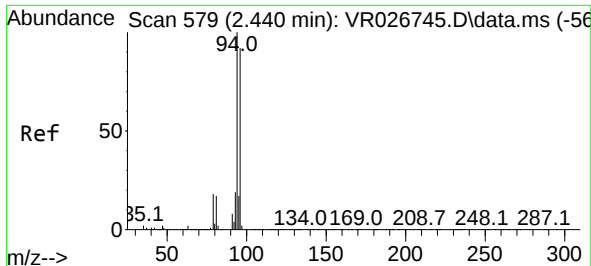
Tgt Ion: 50 Resp: 2251
Ion Ratio Lower Upper
50 100
52 0.0 0.6 1.0#



#4
Vinyl Chloride
Concen: 2.961 ug/l
RT: 2.125 min Scan# 481
Delta R.T. 0.006 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 62 Resp: 77303
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3

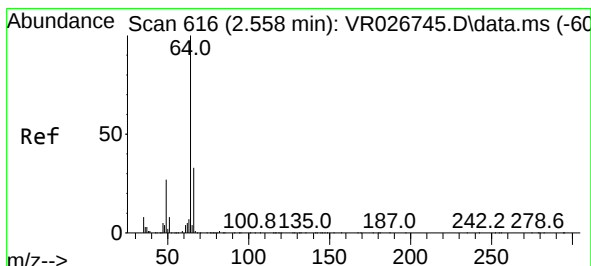
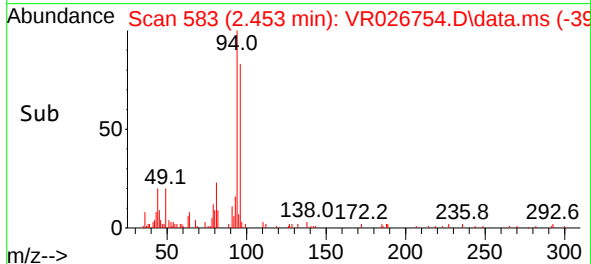
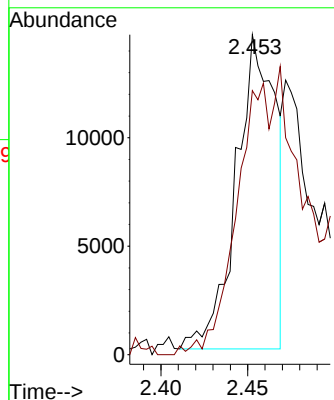
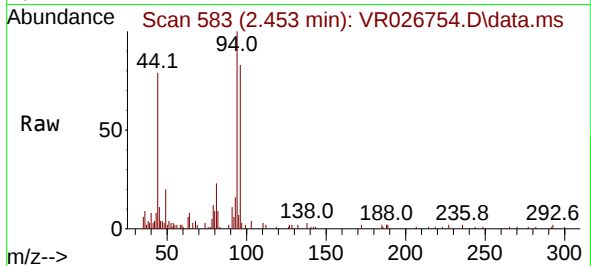




#5
Bromomethane
Concen: 2.849 ug/l
RT: 2.453 min Scan# 51
Delta R.T. 0.013 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

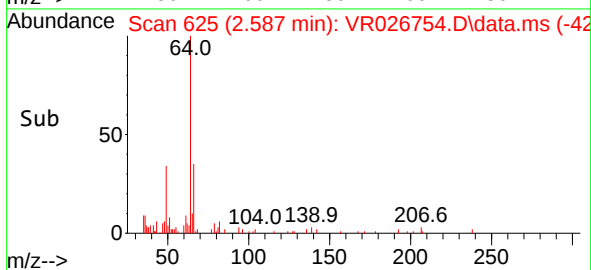
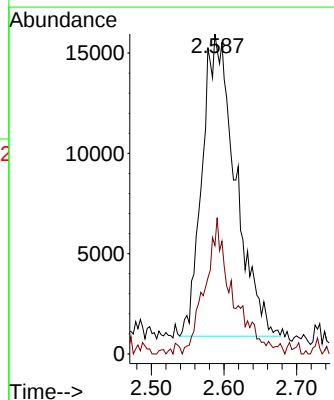
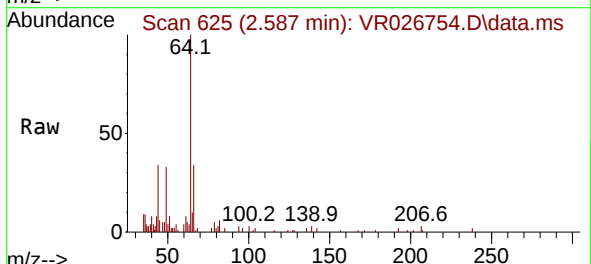
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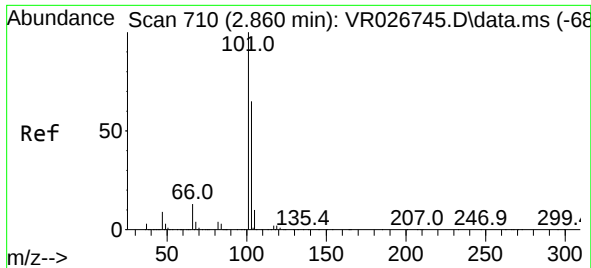
Tgt Ion: 94 Resp: 22834
Ion Ratio Lower Upper
94 100
96 81.2 73.8 110.6



#6
Chloroethane
Concen: 3.220 ug/l
RT: 2.587 min Scan# 625
Delta R.T. 0.029 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 64 Resp: 47972
Ion Ratio Lower Upper
64 100
66 33.8 26.6 40.0

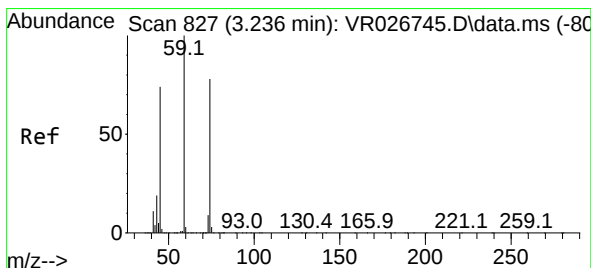
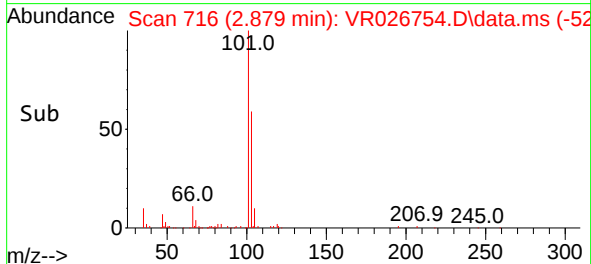
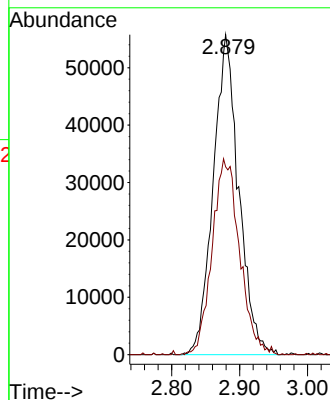
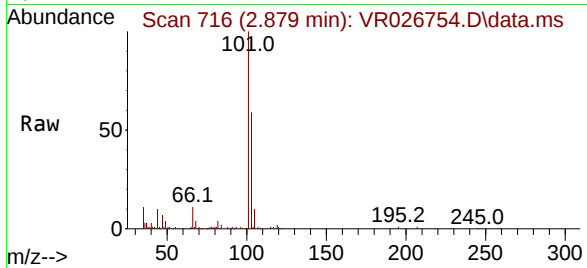




#7
Trichlorofluoromethane
Concen: 2.872 ug/l
RT: 2.879 min Scan# 710
Delta R.T. 0.019 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

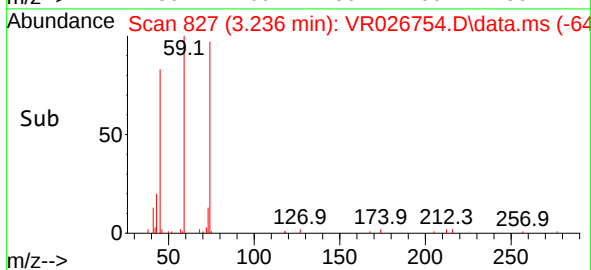
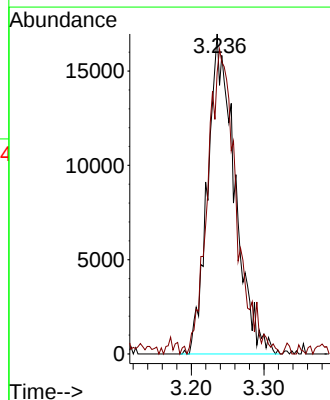
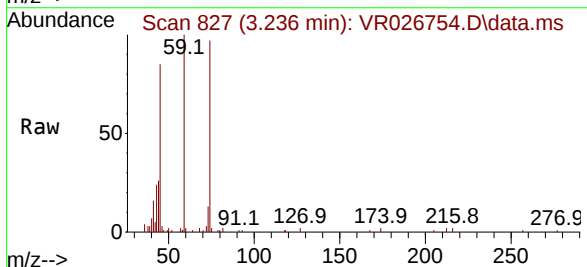
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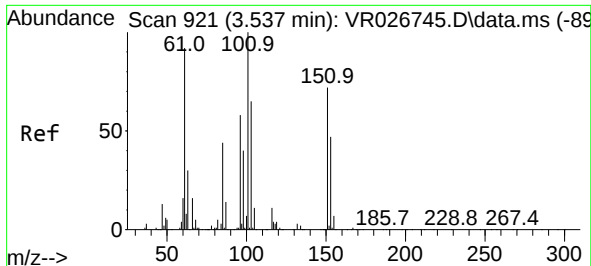
Tgt Ion:101 Resp: 145363
Ion Ratio Lower Upper
101 100
103 58.7 51.8 77.8



#8
Diethyl Ether
Concen: 2.713 ug/l
RT: 3.236 min Scan# 827
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 74 Resp: 43918
Ion Ratio Lower Upper
74 100
45 98.4 47.5 142.6

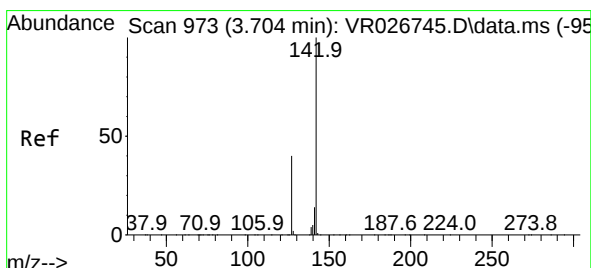
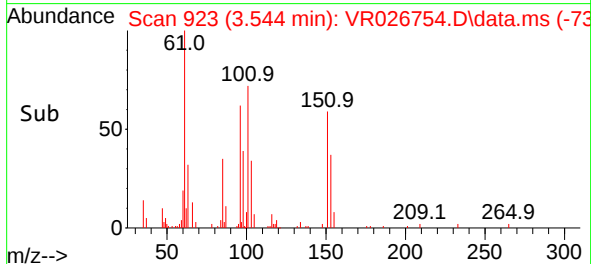
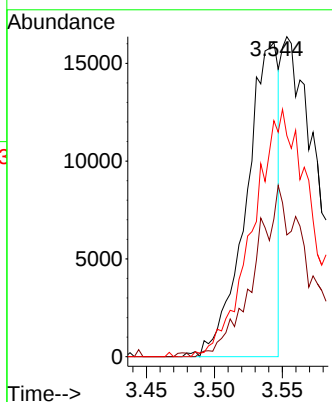
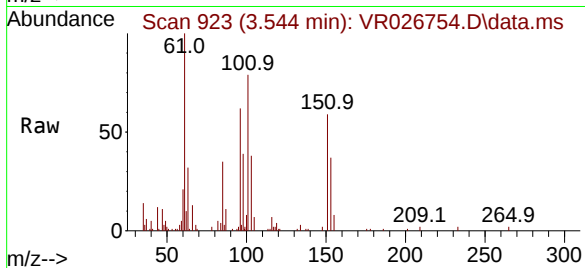




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.314 ug/l
RT: 3.544 min Scan# 911
Delta R.T. 0.007 min
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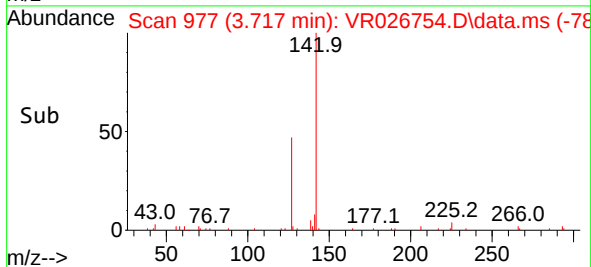
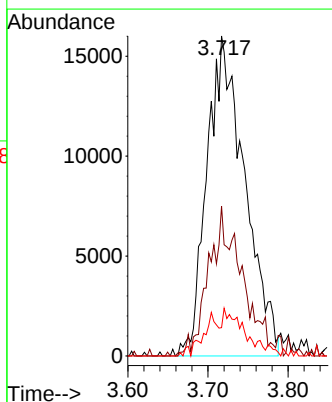
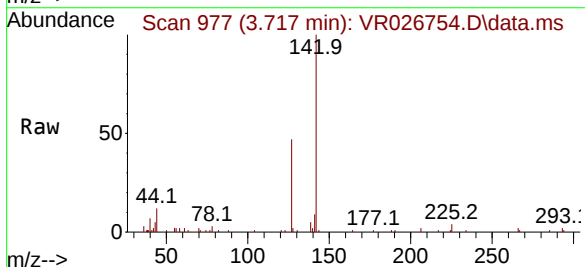
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

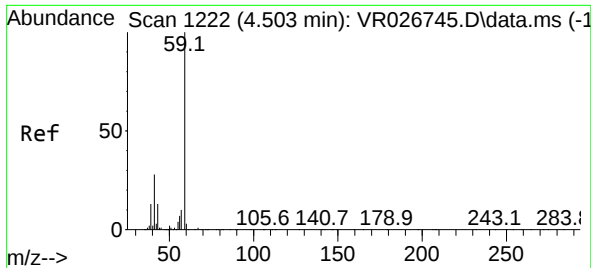
Tgt Ion:101 Resp: 26569
Ion Ratio Lower Upper
101 100
85 57.8 35.4 53.0#
151 147.7 57.2 85.8#



#10
Methyl Iodide
Concen: 2.445 ug/l
RT: 3.717 min Scan# 977
Delta R.T. 0.013 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion:142 Resp: 52553
Ion Ratio Lower Upper
142 100
127 21.5 31.0 46.4#
141 7.5 10.9 16.3#

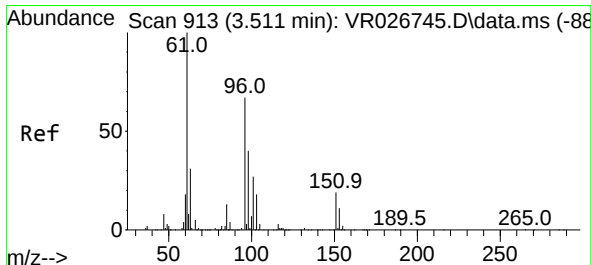
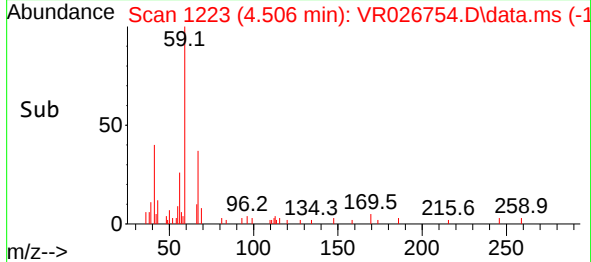
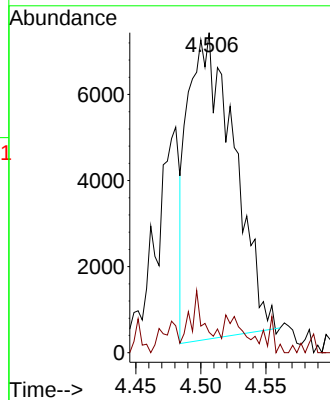
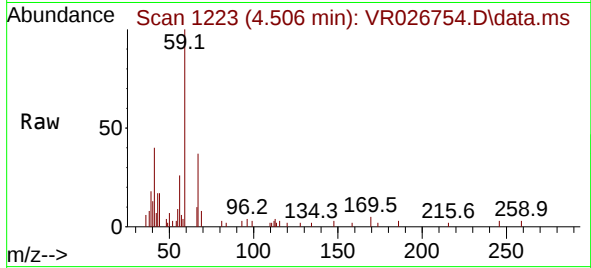




#11
Tert butyl alcohol
Concen: 5.401 ug/l
RT: 4.506 min Scan# 11
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

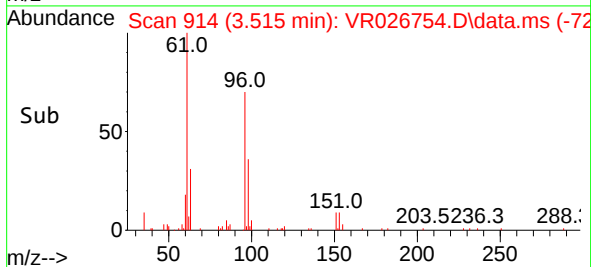
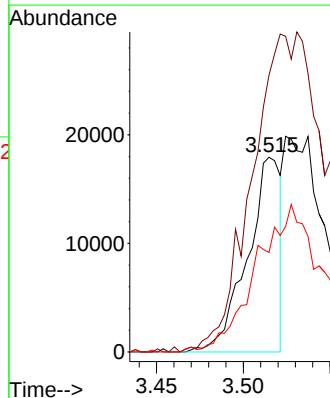
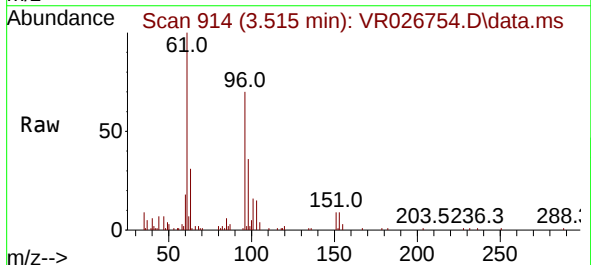
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

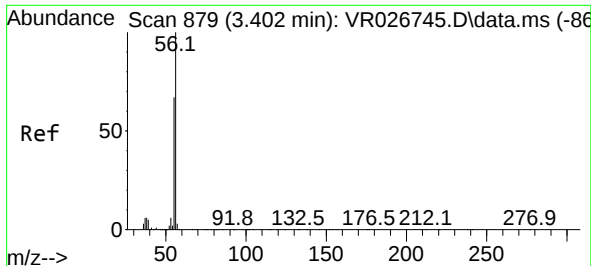
Tgt Ion: 59 Resp: 17507
Ion Ratio Lower Upper
59 100
57 4.8 3.8 5.8



#12
1,1-Dichloroethene
Concen: 1.081 ug/l
RT: 3.515 min Scan# 914
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 96 Resp: 23729
Ion Ratio Lower Upper
96 100
61 142.2 118.7 178.1
98 51.1 47.7 71.5

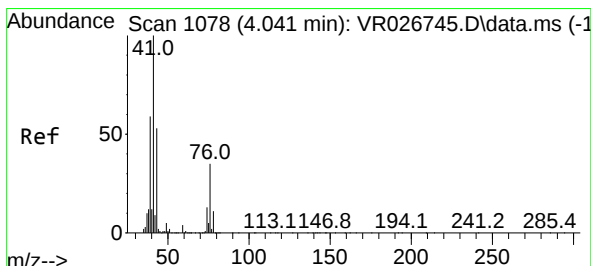
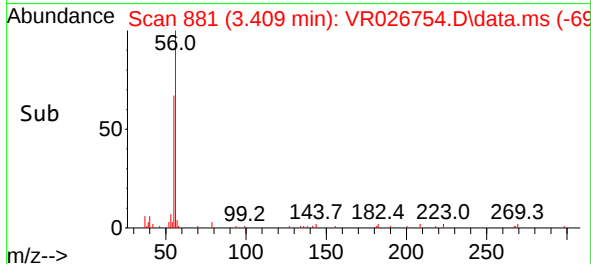
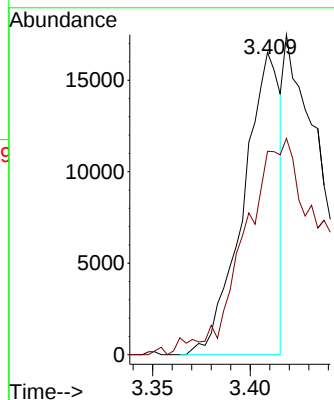
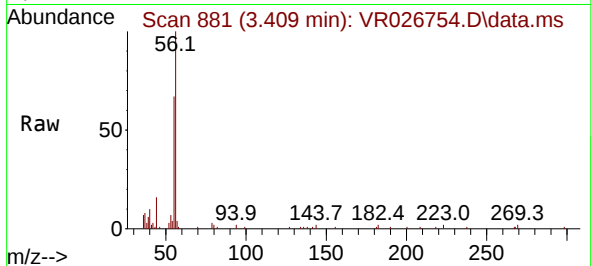




#13
Acrolein
Concen: 9.671 ug/l
RT: 3.409 min Scan# 81
Delta R.T. 0.007 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

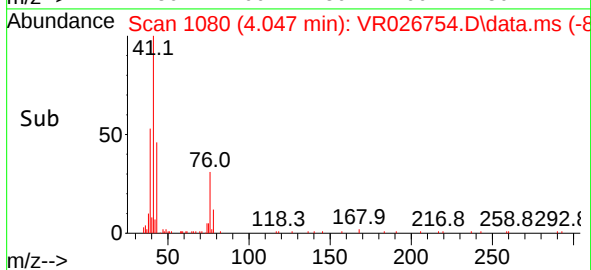
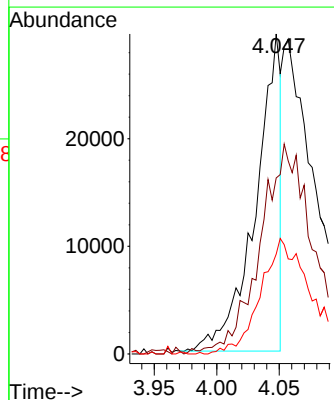
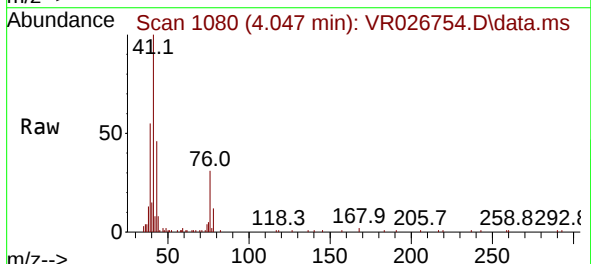
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

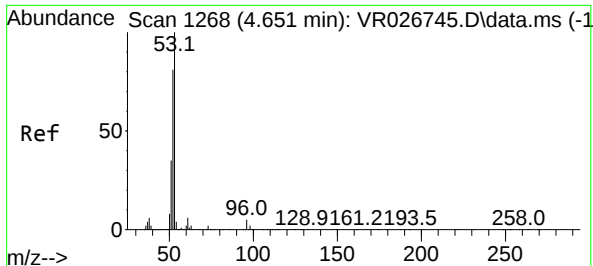
Tgt Ion: 56 Resp: 21666
Ion Ratio Lower Upper
56 100
55 159.8 56.9 85.3#



#14
Allyl chloride
Concen: 1.016 ug/l
RT: 4.047 min Scan# 1080
Delta R.T. 0.007 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 41 Resp: 41085
Ion Ratio Lower Upper
41 100
39 144.6 45.8 68.6#
76 73.9 26.4 39.6#





#15

Acrylonitrile

Concen: 10.637 ug/l

RT: 4.670 min Scan# 1

Delta R.T. 0.019 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Instrument :

MSVOA_R

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

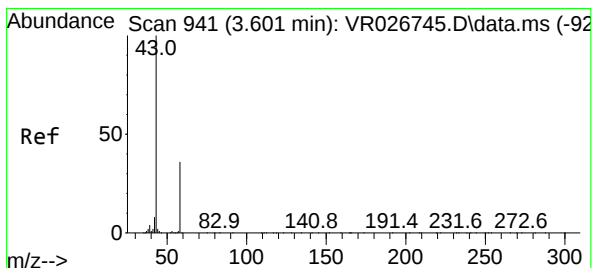
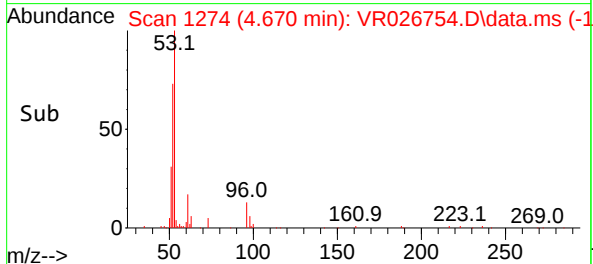
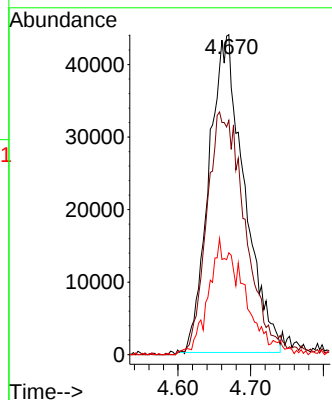
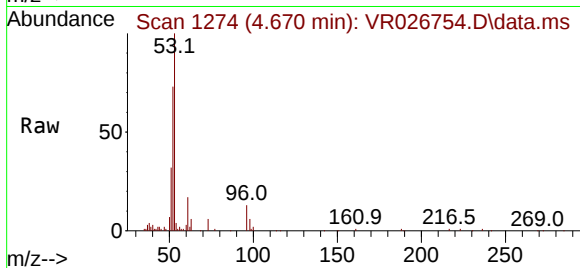
Tgt Ion: 53 Resp: 147458

Ion Ratio Lower Upper

53 100

52 83.7 65.7 98.5

51 18.2 28.4 42.6#



#16

Acetone

Concen: 14.855 ug/l

RT: 3.611 min Scan# 944

Delta R.T. 0.010 min

Lab File: VR026754.D

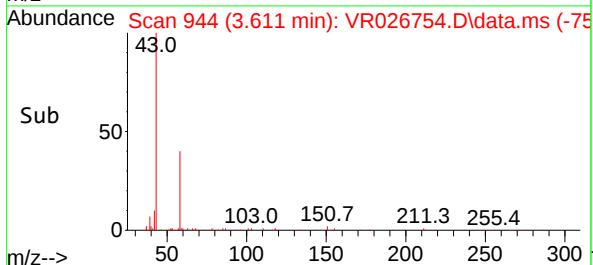
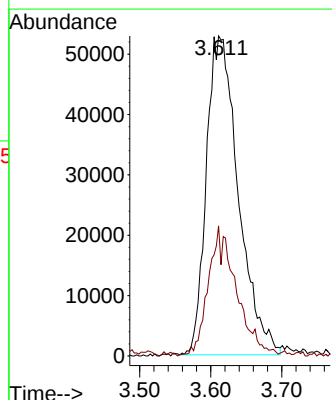
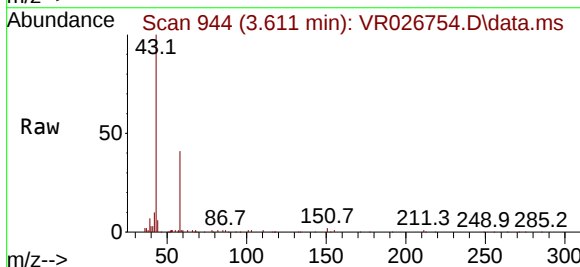
Acq: 21 Aug 2025 13:36

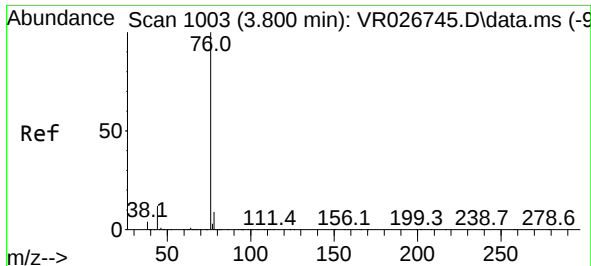
Tgt Ion: 43 Resp: 165785

Ion Ratio Lower Upper

43 100

58 40.4 28.6 43.0

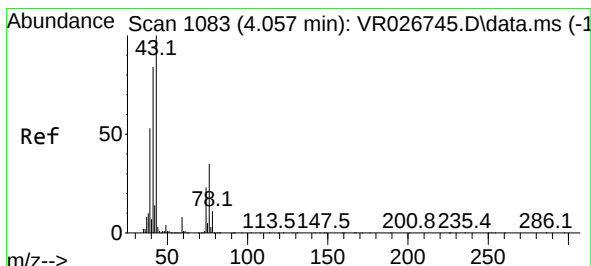
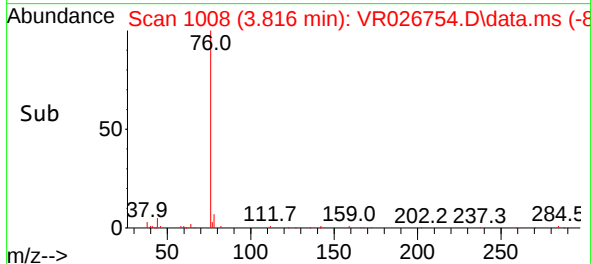
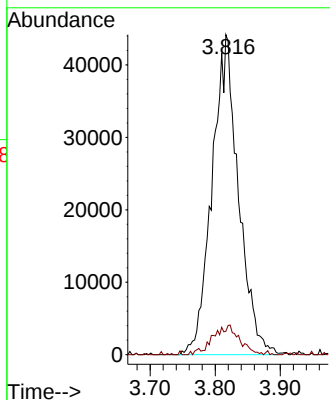
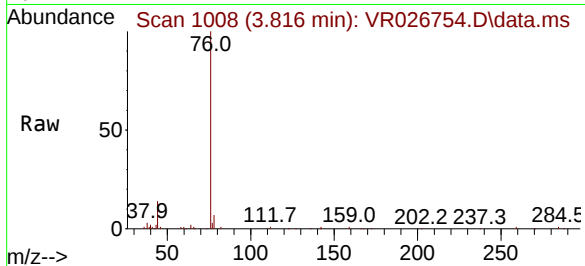




#17
Carbon Disulfide
Concen: 2.342 ug/l
RT: 3.816 min Scan# 1008
Delta R.T. 0.016 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

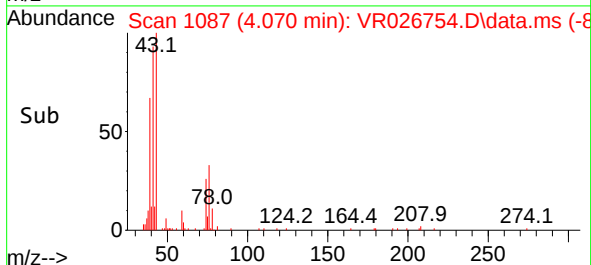
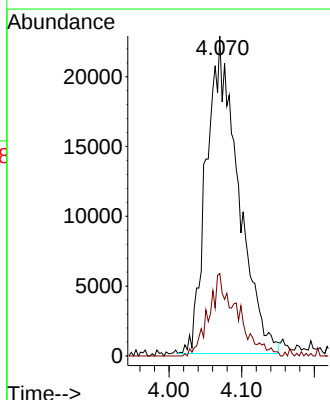
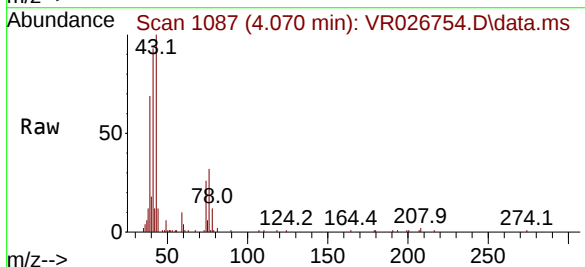
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

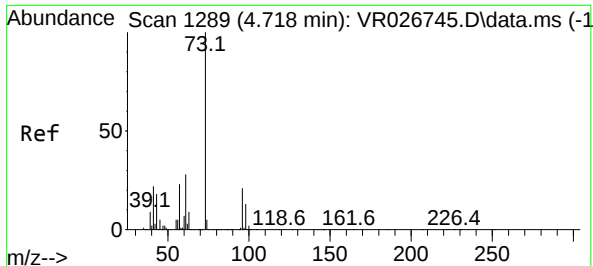
Tgt Ion: 76 Resp: 124795
Ion Ratio Lower Upper
76 100
78 7.3 7.0 10.6



#18
Methyl Acetate
Concen: 2.123 ug/l
RT: 4.070 min Scan# 1087
Delta R.T. 0.013 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 43 Resp: 69014
Ion Ratio Lower Upper
43 100
74 15.4 19.1 28.7#





#19

Methyl tert-butyl Ether

Concen: 2.360 ug/l

RT: 4.718 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Instrument :

MSVOA_R

ClientSampleId :

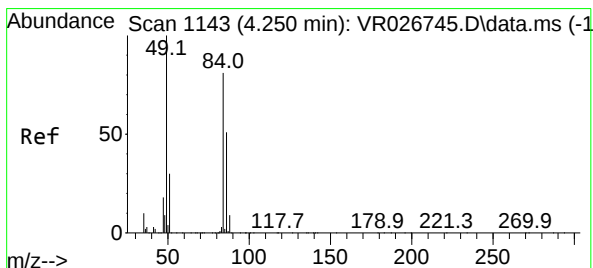
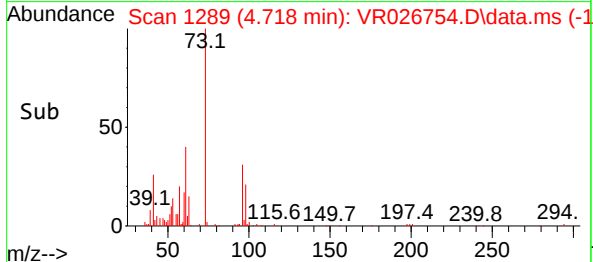
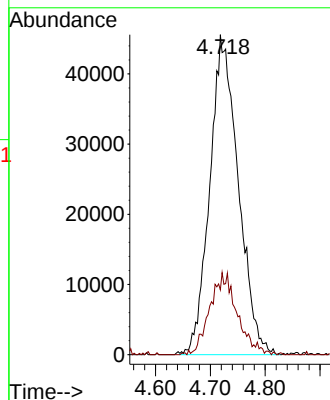
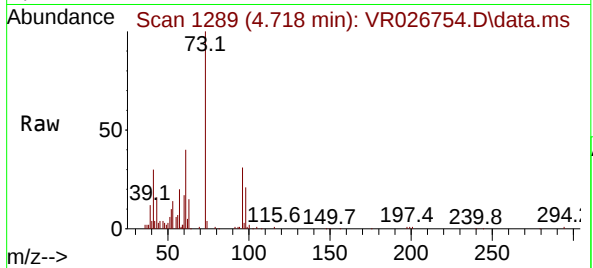
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 73 Resp: 164260

Ion Ratio Lower Upper

73 100

57 20.2 18.2 27.2



#20

Methylene Chloride

Concen: 3.024 ug/l

RT: 4.259 min Scan# 1146

Delta R.T. 0.010 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Tgt Ion: 84 Resp: 71992

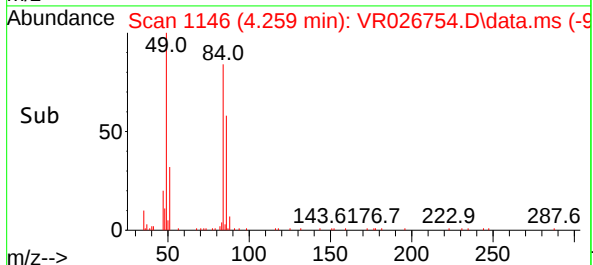
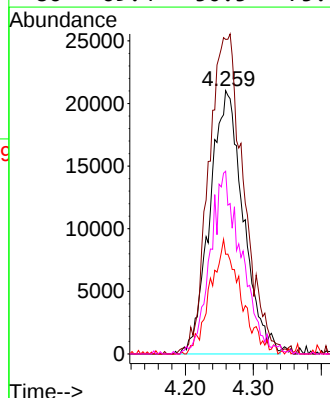
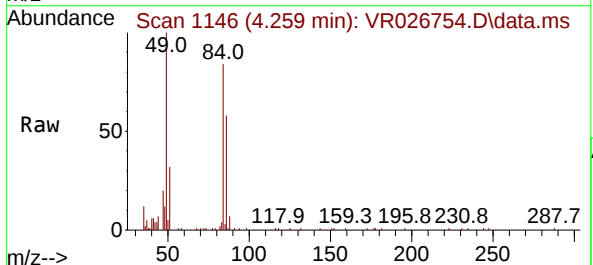
Ion Ratio Lower Upper

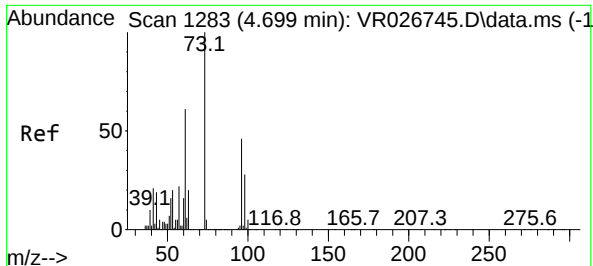
84 100

49 117.8 98.8 148.2

51 37.8 29.4 44.2

86 69.4 50.5 75.7

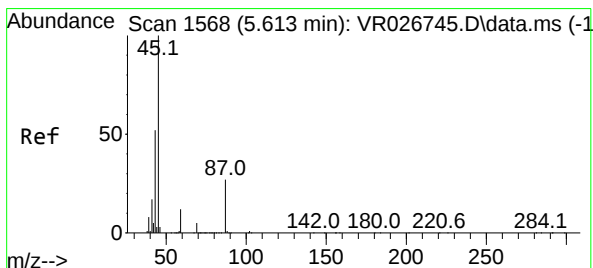
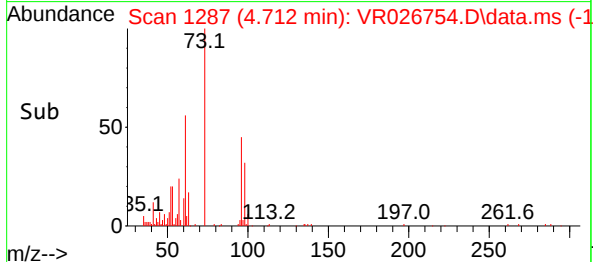
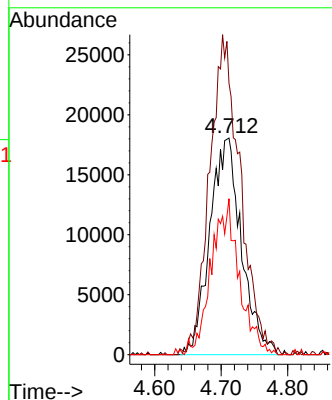
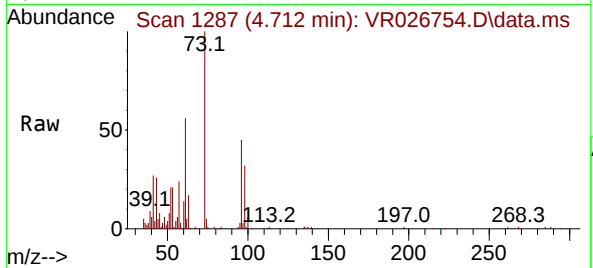




#21
trans-1,2-Dichloroethene
Concen: 2.598 ug/l
RT: 4.712 min Scan# 11
Delta R.T. 0.013 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

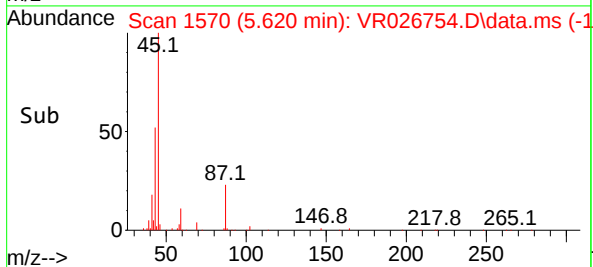
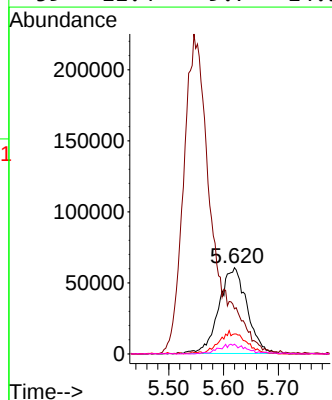
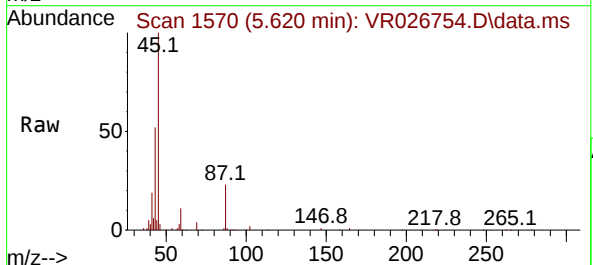
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

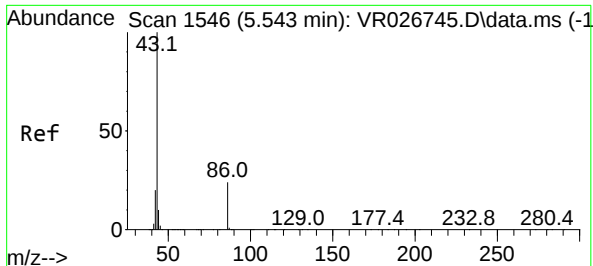
Tgt Ion: 96 Resp: 59609
Ion Ratio Lower Upper
96 100
61 124.0 107.1 160.7
98 72.0 49.7 74.5



#22
Diisopropyl ether
Concen: 2.566 ug/l
RT: 5.620 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 45 Resp: 213479
Ion Ratio Lower Upper
45 100
43 48.7 41.8 62.8
87 23.3 21.7 32.5
59 11.4 9.7 14.5





#23

Vinyl Acetate

Concen: 14.649 ug/l

RT: 5.546 min Scan# 11

Delta R.T. 0.003 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Instrument :

MSVOA_R

ClientSampleId :

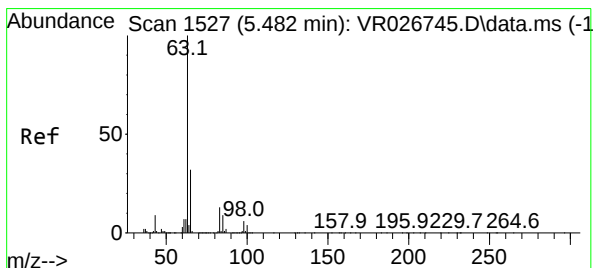
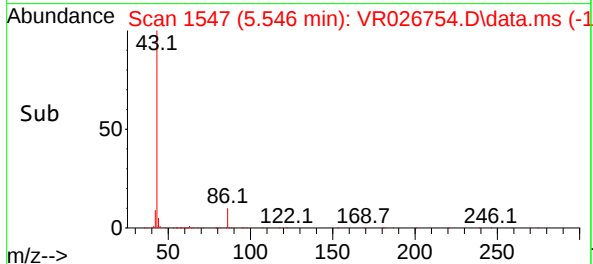
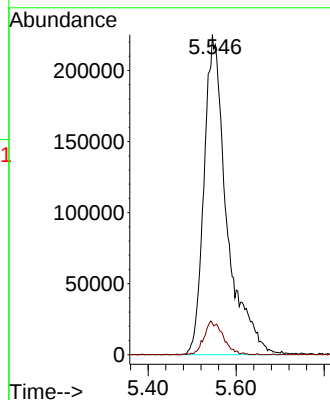
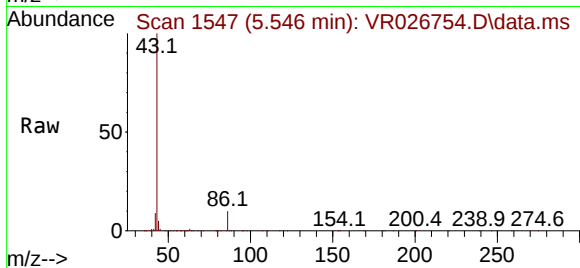
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 808323

Ion Ratio Lower Upper

43 100

86 9.8 18.9 28.3#



#24

1,1-Dichloroethane

Concen: 2.620 ug/l

RT: 5.491 min Scan# 1530

Delta R.T. 0.010 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

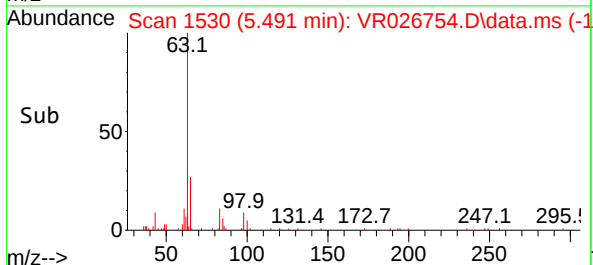
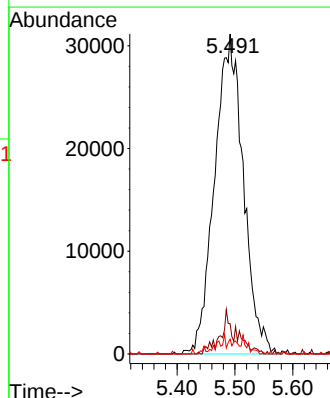
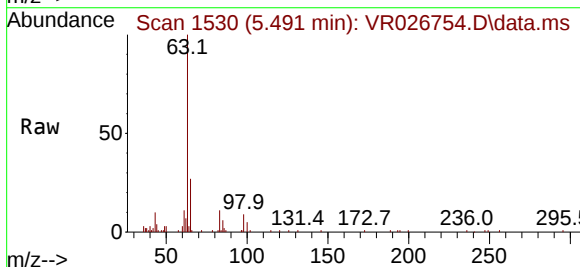
Tgt Ion: 63 Resp: 107270

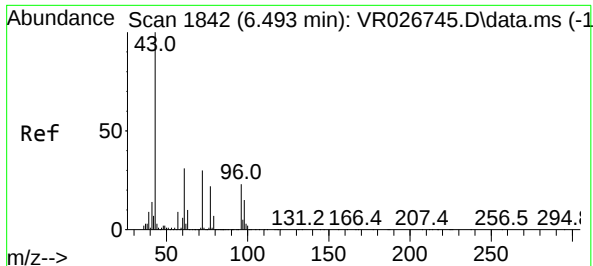
Ion Ratio Lower Upper

63 100

98 9.4 3.1 9.3#

100 4.6 2.1 6.2





#25

2-Butanone

Concen: 11.681 ug/l

RT: 6.502 min Scan# 1845

Delta R.T. 0.009 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Instrument :

MSVOA_R

ClientSampleId :

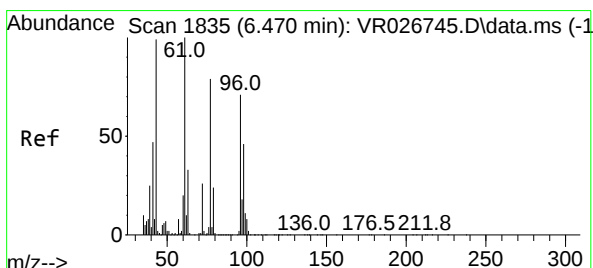
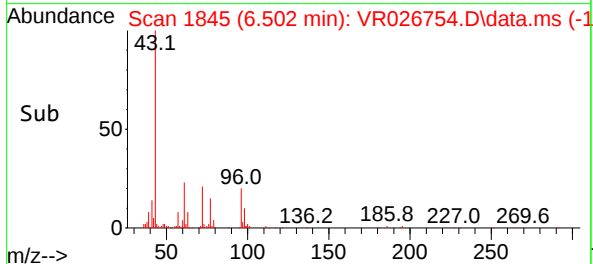
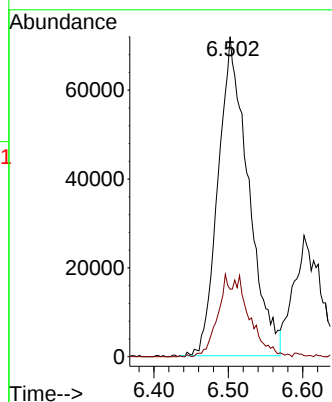
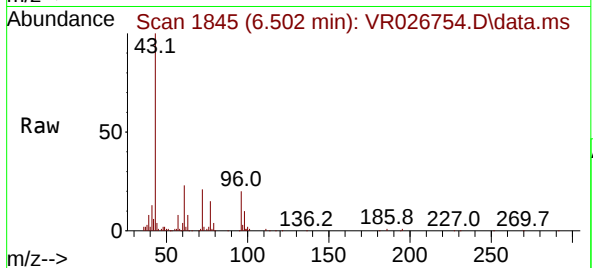
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 202406

Ion Ratio Lower Upper

43 100

72 20.9 23.8 35.8#



#26

2,2-Dichloropropane

Concen: 2.207 ug/l

RT: 6.477 min Scan# 1837

Delta R.T. 0.007 min

Lab File: VR026754.D

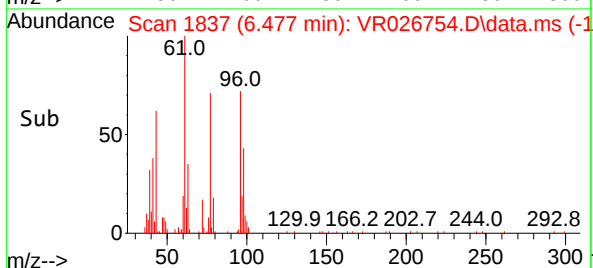
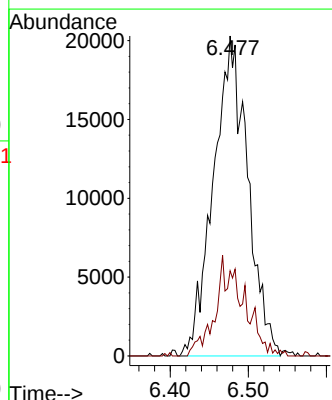
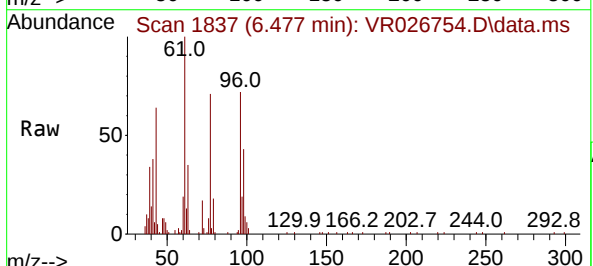
Acq: 21 Aug 2025 13:36

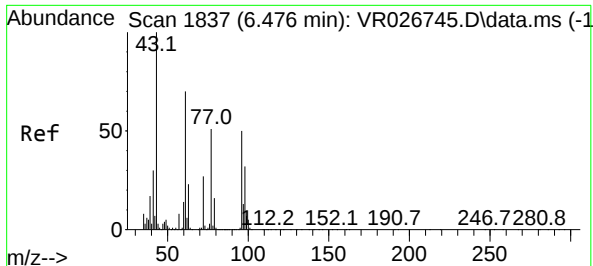
Tgt Ion: 77 Resp: 61912

Ion Ratio Lower Upper

77 100

97 2.7 11.7 35.1#



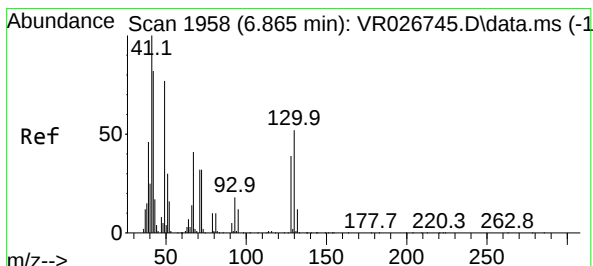
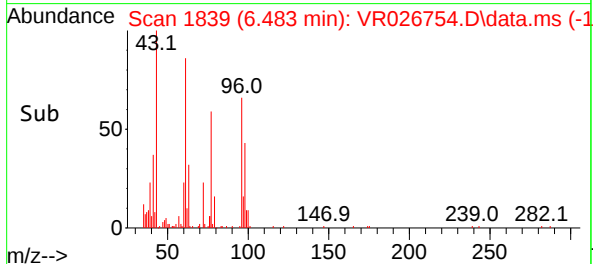
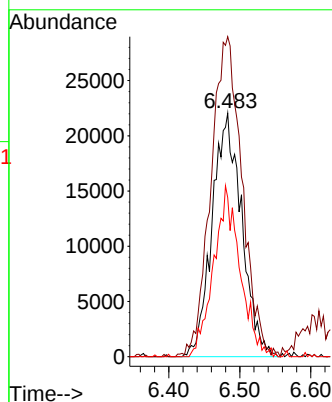
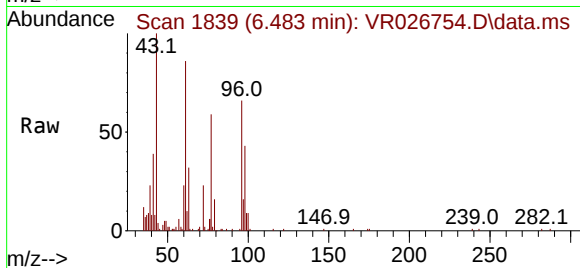


#27
 cis-1,2-Dichloroethene
 Concen: 2.448 ug/l
 RT: 6.483 min Scan# 1839
 Delta R.T. 0.007 min
 Lab File: VR026754.D
 Acq: 21 Aug 2025 13:36

Instrument : MSVOA_R
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 96 Resp: 63579

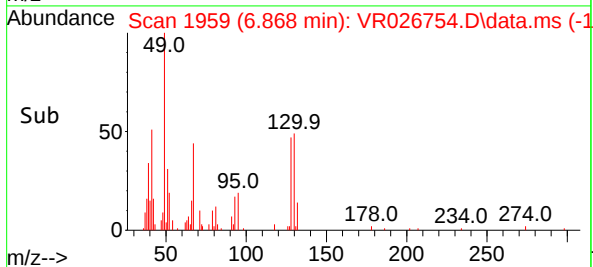
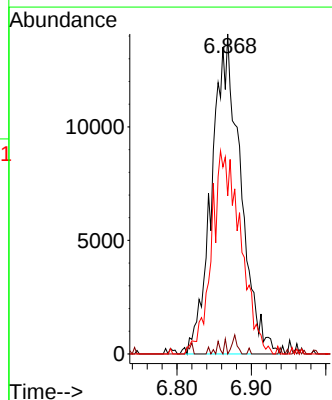
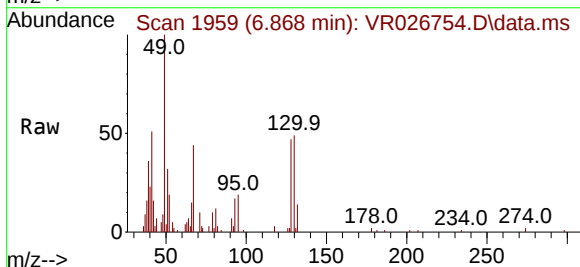
Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	280.6
98	62.7	0.0	127.6

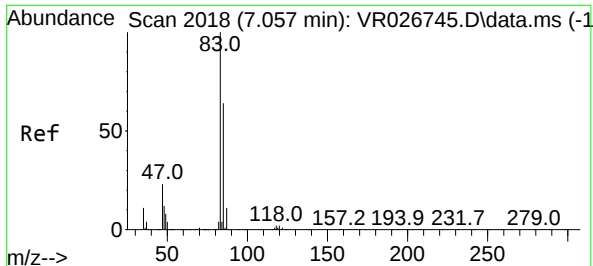


#28
 Bromochloromethane
 Concen: 3.116 ug/l
 RT: 6.868 min Scan# 1959
 Delta R.T. 0.003 min
 Lab File: VR026754.D
 Acq: 21 Aug 2025 13:36

Tgt Ion: 49 Resp: 37757

Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	1.6
130	0.0	53.4	80.2





#29

Chloroform

Concen: 2.501 ug/l

RT: 7.057 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Instrument :

MSVOA_R

ClientSampleId :

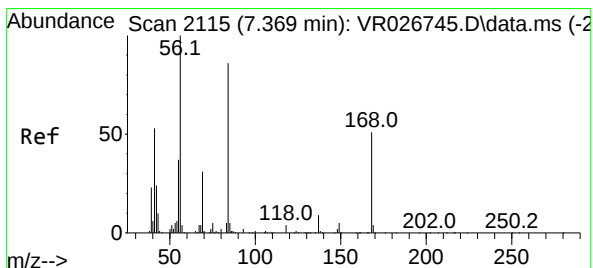
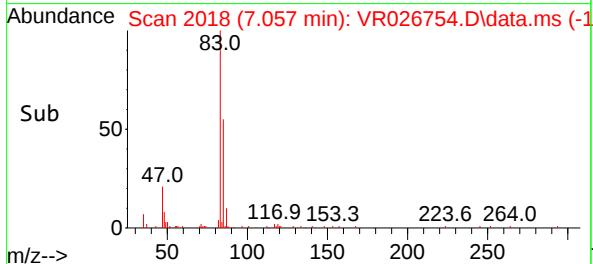
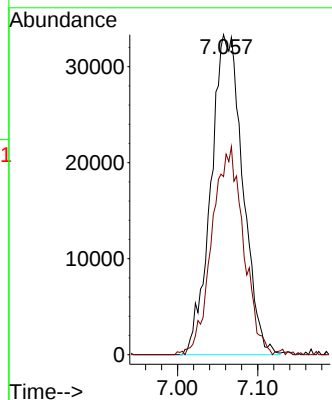
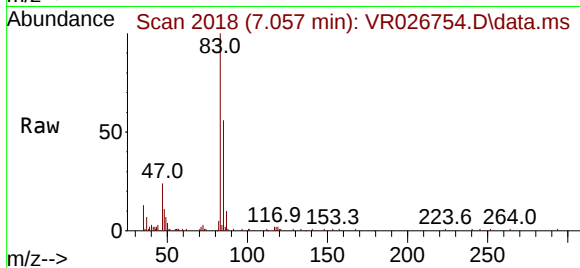
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 83 Resp: 92010

Ion Ratio Lower Upper

83 100

85 54.9 51.5 77.3



#30

Cyclohexane

Concen: 3.339 ug/l

RT: 7.378 min Scan# 2118

Delta R.T. 0.010 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

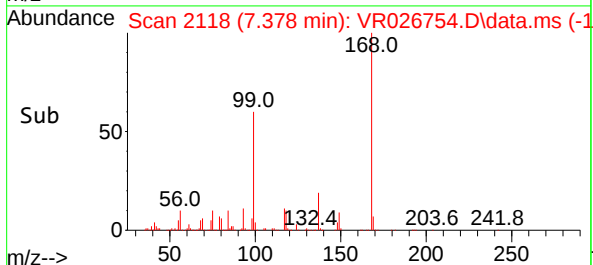
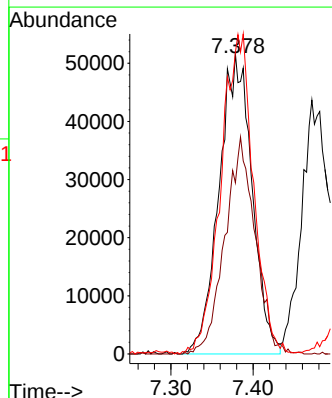
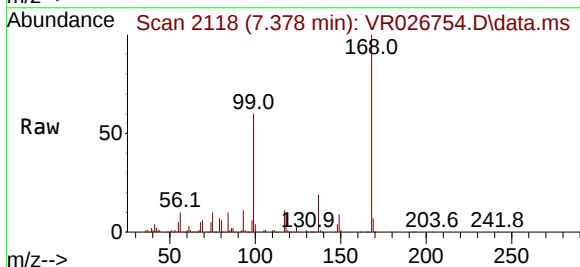
Tgt Ion: 56 Resp: 144177

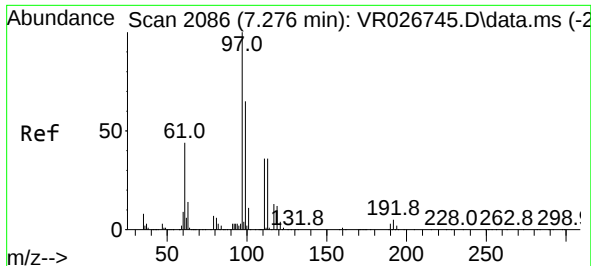
Ion Ratio Lower Upper

56 100

69 57.0 24.6 37.0#

84 100.5 68.7 103.1

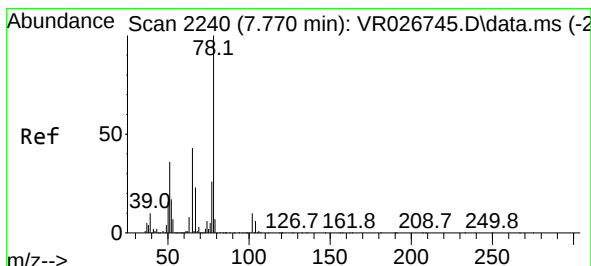
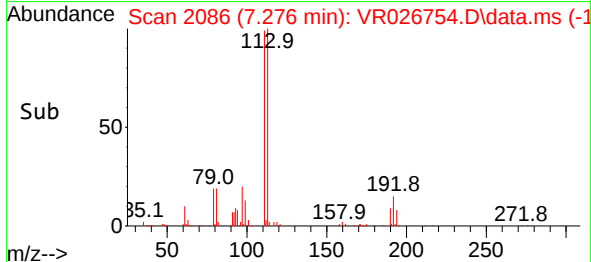
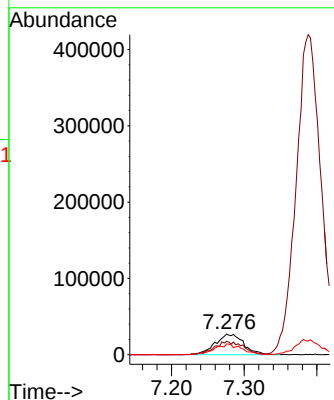
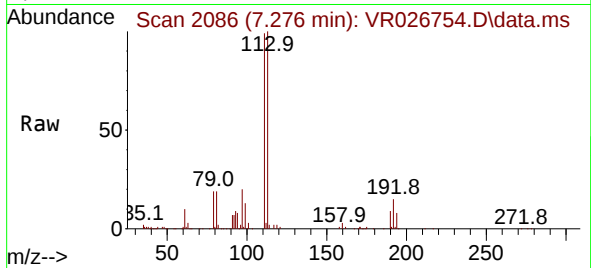




#31
 1,1,1-Trichloroethane
 Concen: 2.448 ug/l
 RT: 7.276 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VR026754.D
 Acq: 21 Aug 2025 13:36

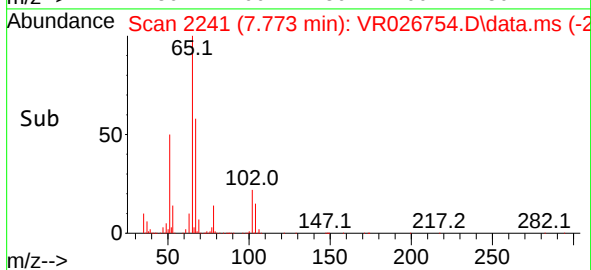
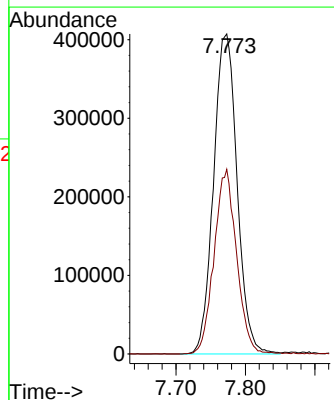
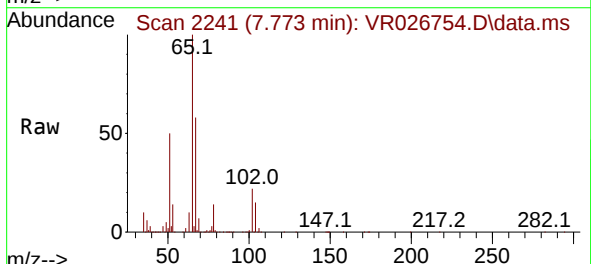
Instrument : MSVOA_R
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025

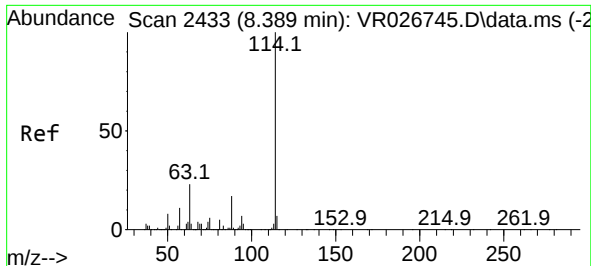
Tgt Ion: 97 Resp: 73131
 Ion Ratio Lower Upper
 97 100
 99 65.6 51.0 76.4
 61 48.9 35.0 52.4



#32
 1,2-Dichloroethane-d4
 Concen: 45.569 ug/l
 RT: 7.773 min Scan# 2241
 Delta R.T. 0.003 min
 Lab File: VR026754.D
 Acq: 21 Aug 2025 13:36

Tgt Ion: 65 Resp: 960796
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.392 min Scan# 2434

Delta R.T. 0.003 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Instrument :

MSVOA_R

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

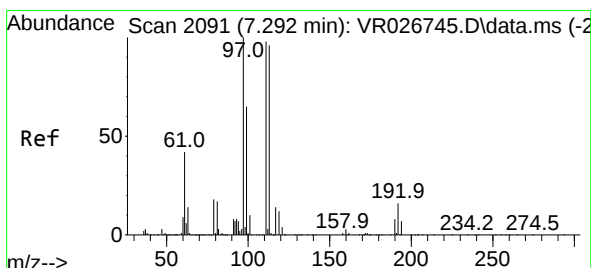
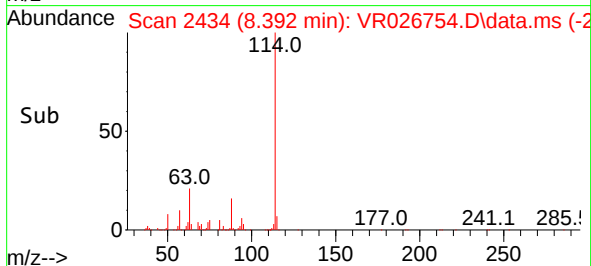
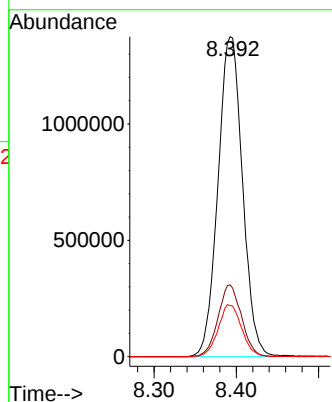
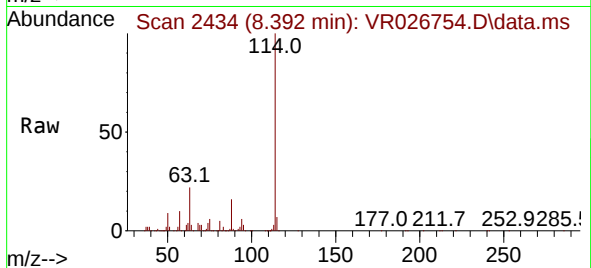
Tgt Ion:114 Resp: 2852335

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.8

88 16.0 0.0 34.8



#34

Dibromofluoromethane

Concen: 43.711 ug/l

RT: 7.295 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

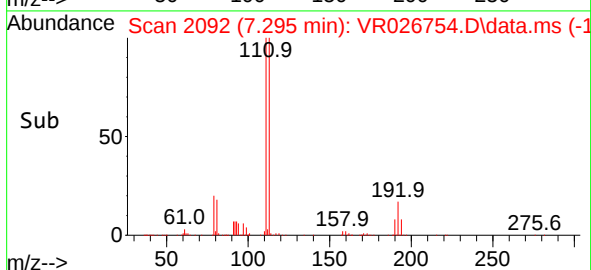
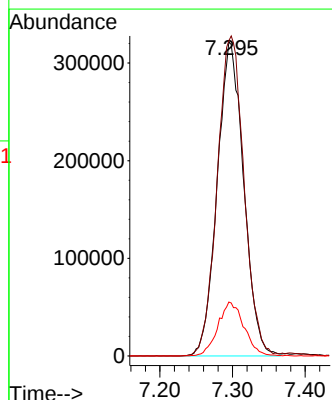
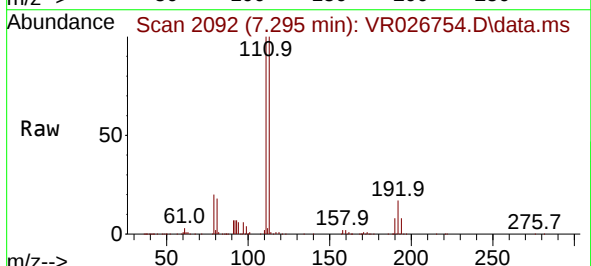
Tgt Ion:113 Resp: 813164

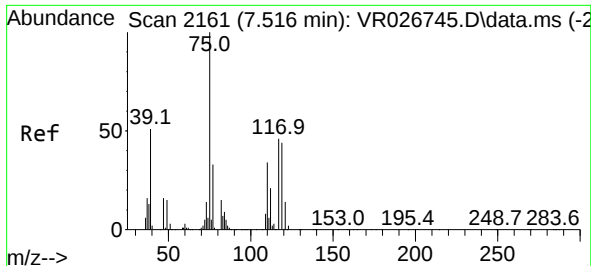
Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 17.0 12.9 19.3





#35

1,1-Dichloropropene

Concen: 2.375 ug/l

RT: 7.520 min Scan# 2161

Delta R.T. 0.003 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Instrument :

MSVOA_R

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

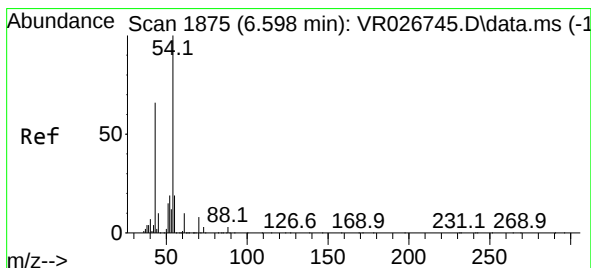
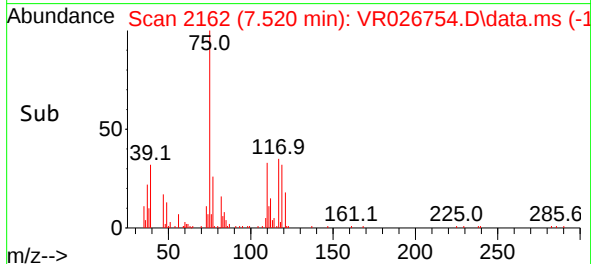
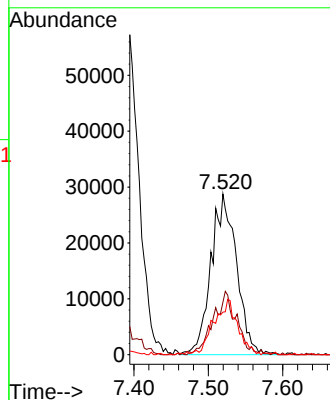
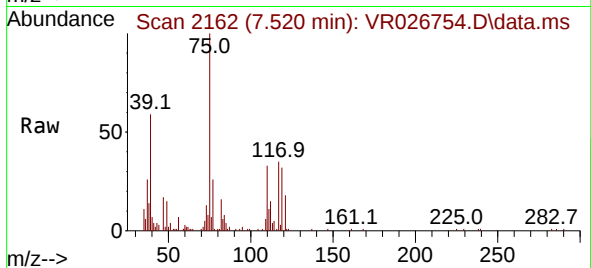
Tgt Ion: 75 Resp: 68815

Ion Ratio Lower Upper

75 100

110 35.5 17.3 52.0

77 31.7 25.1 37.7



#36

Ethyl Acetate

Concen: 1.581 ug/l

RT: 6.602 min Scan# 1876

Delta R.T. 0.003 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

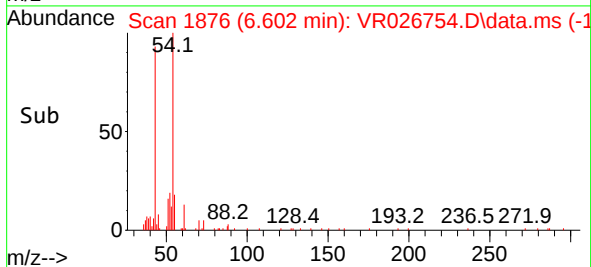
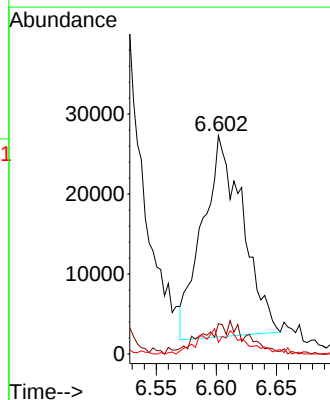
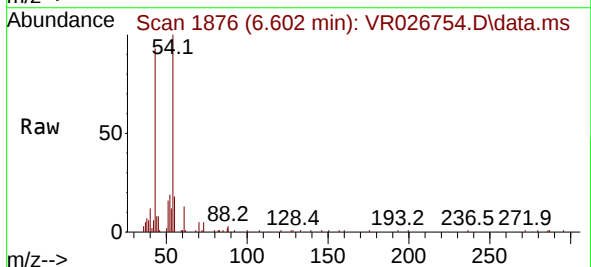
Tgt Ion: 43 Resp: 58589

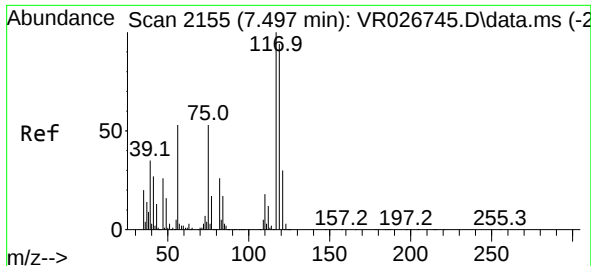
Ion Ratio Lower Upper

43 100

61 9.9 11.4 17.2#

70 5.9 8.4 12.6#

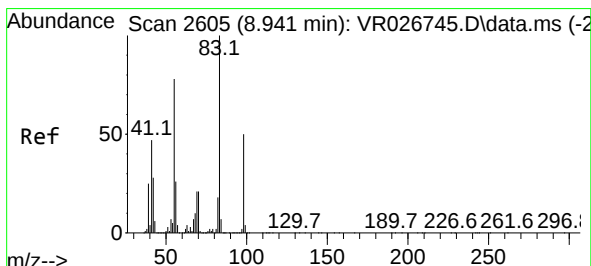
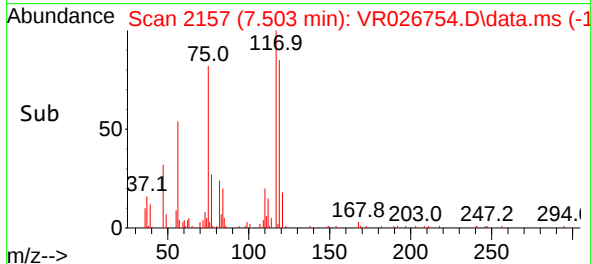
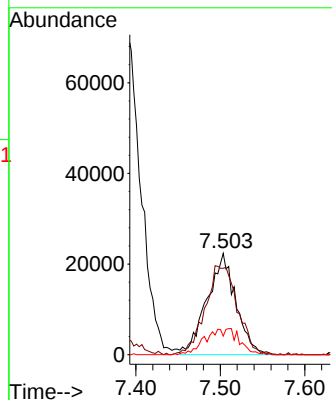
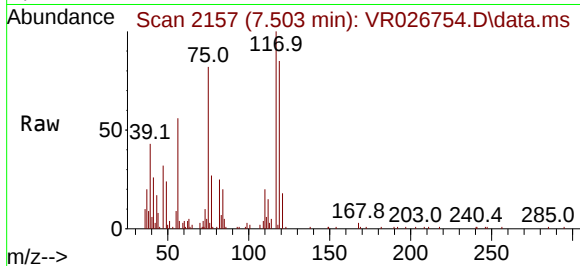




#37
Carbon Tetrachloride
Concen: 2.030 ug/l
RT: 7.503 min Scan# 2155
Delta R.T. 0.007 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

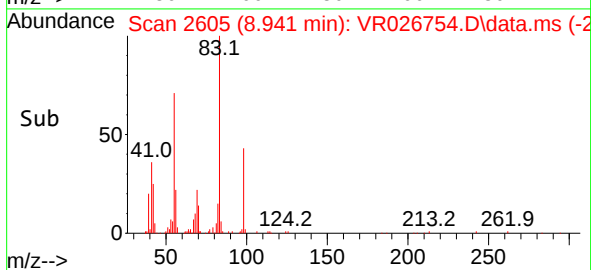
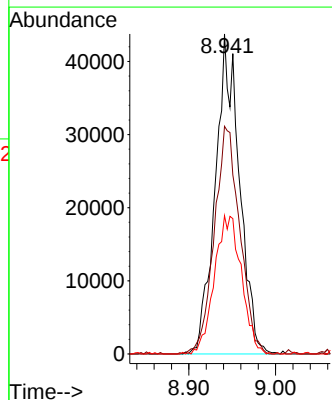
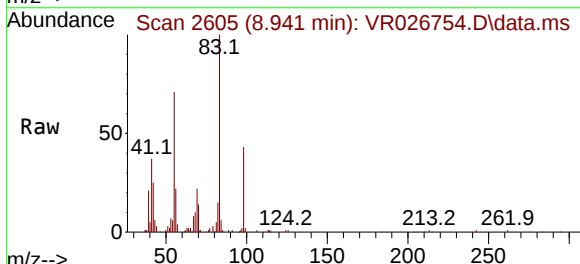
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

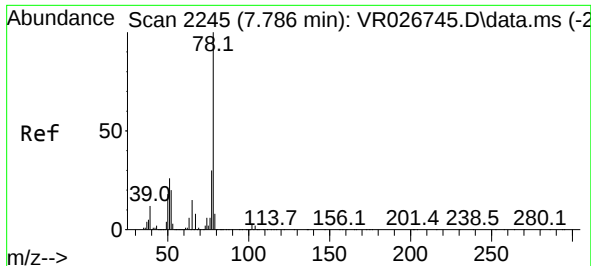
Tgt Ion: 117 Resp: 52920
Ion Ratio Lower Upper
117 100
119 84.4 75.1 112.7
121 18.3 24.2 36.2#



#38
Methylcyclohexane
Concen: 2.326 ug/l
RT: 8.941 min Scan# 2605
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 83 Resp: 84334
Ion Ratio Lower Upper
83 100
55 71.1 62.6 94.0
98 43.2 39.9 59.9

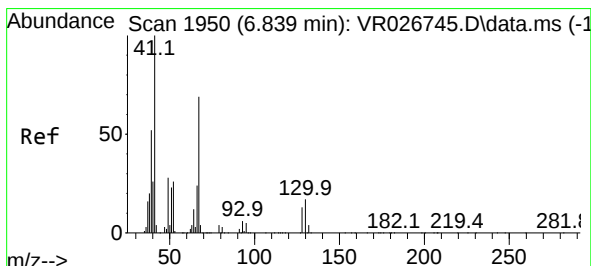
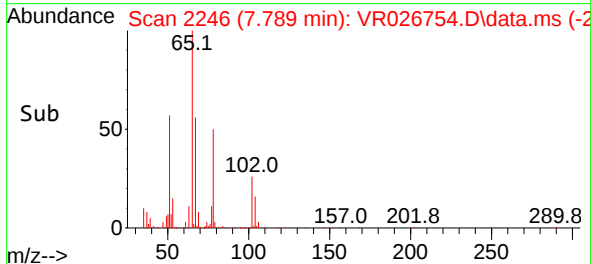
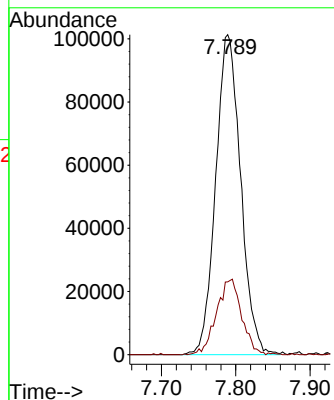
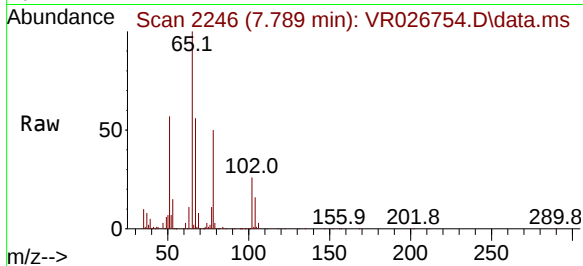




#39
Benzene
Concen: 2.654 ug/l
RT: 7.789 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

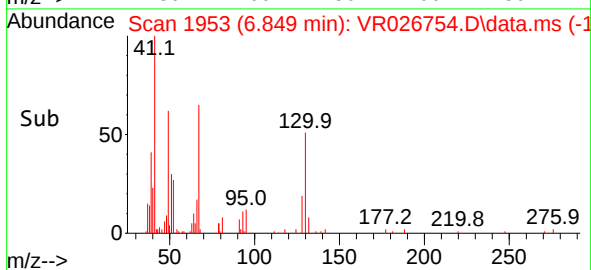
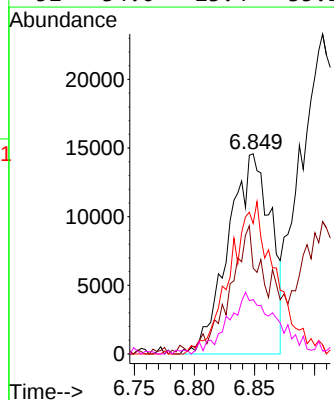
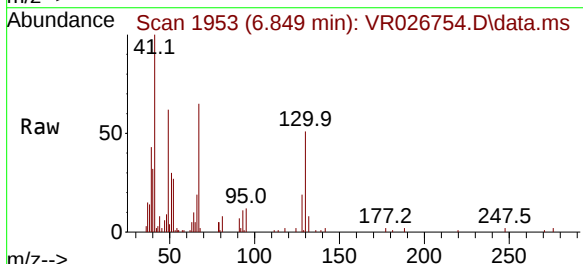
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

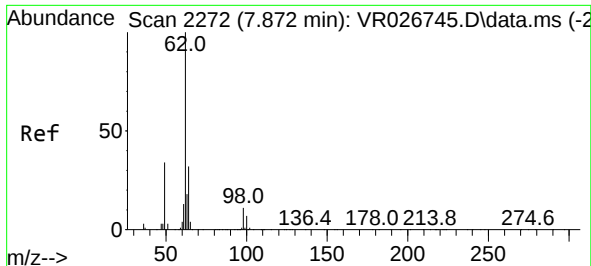
Tgt Ion: 78 Resp: 236035
Ion Ratio Lower Upper
78 100
77 22.7 24.3 36.5#



#40
Methacrylonitrile
Concen: 1.862 ug/l
RT: 6.849 min Scan# 1953
Delta R.T. 0.010 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 41 Resp: 35993
Ion Ratio Lower Upper
41 100
39 44.6 43.0 64.4
67 81.4 62.6 94.0
52 34.0 23.4 35.2





#41

1,2-Dichloroethane

Concen: 2.361 ug/l

RT: 7.872 min Scan# 21

Delta R.T. 0.000 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Instrument :

MSVOA_R

ClientSampleId :

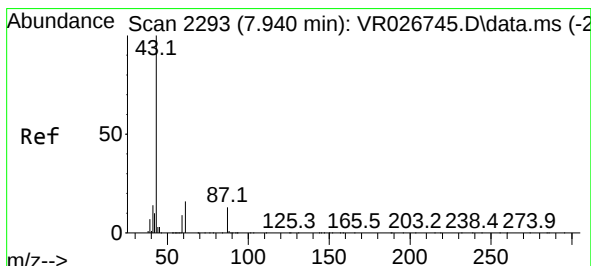
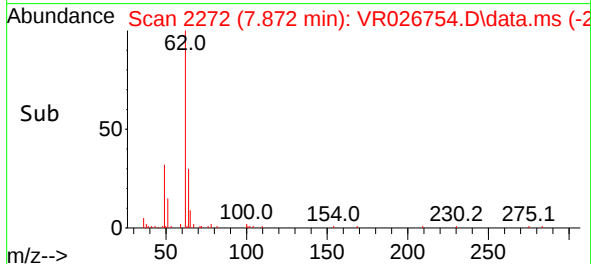
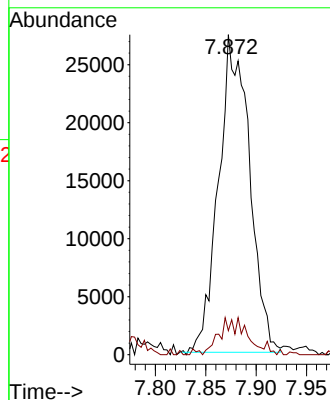
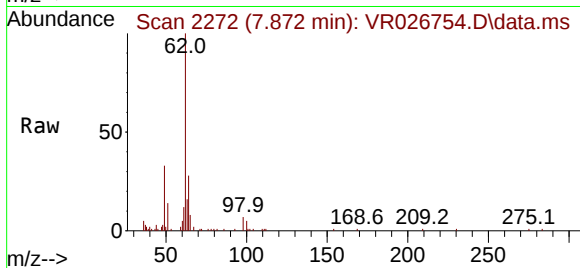
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 62 Resp: 58216

Ion Ratio Lower Upper

62 100

98 0.0 0.0 21.2



#42

Isopropyl Acetate

Concen: 1.979 ug/l

RT: 7.946 min Scan# 2295

Delta R.T. 0.007 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

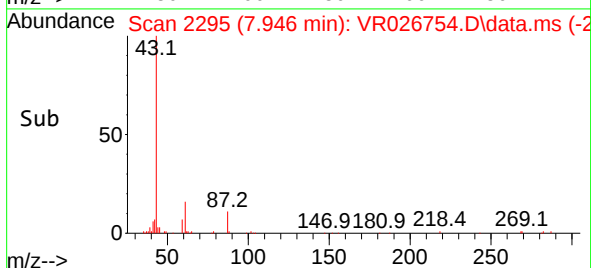
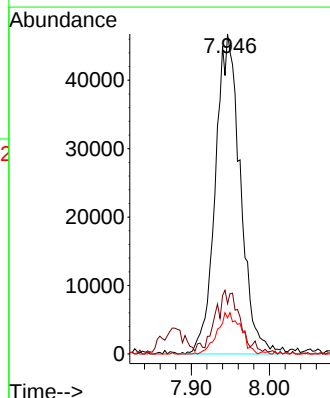
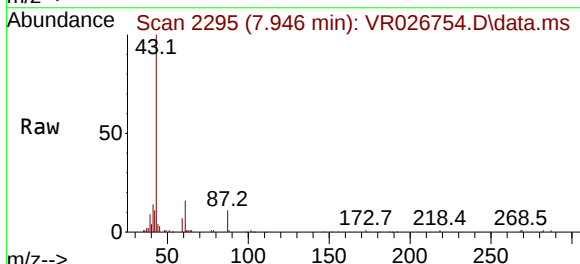
Tgt Ion: 43 Resp: 103992

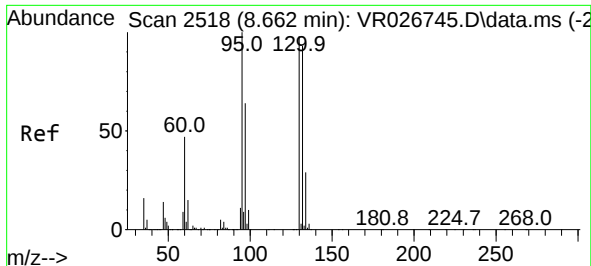
Ion Ratio Lower Upper

43 100

61 8.3 16.8 25.2#

87 12.0 10.2 15.4





#43

Trichloroethene

Concen: 2.388 ug/l

RT: 8.665 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Instrument :

MSVOA_R

ClientSampleId :

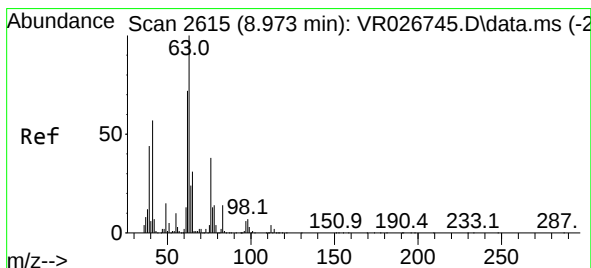
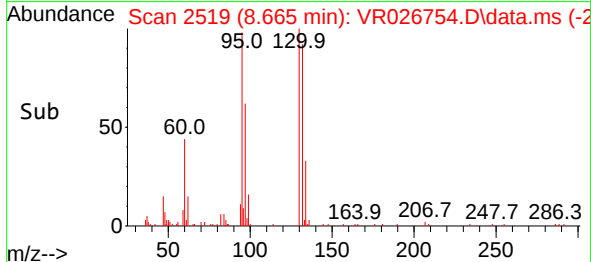
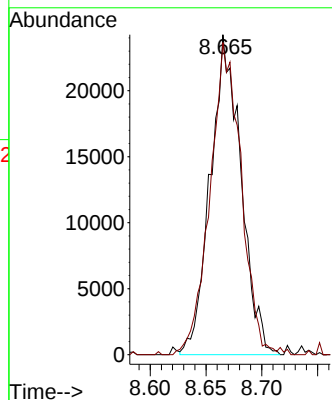
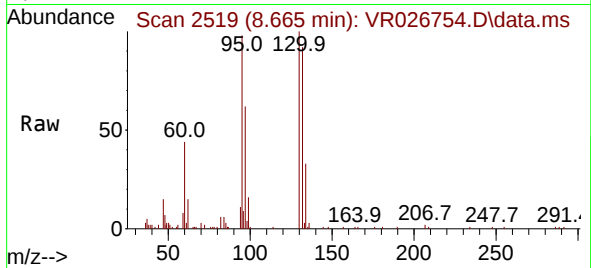
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:130 Resp: 46329

Ion Ratio Lower Upper

130 100

95 95.9 0.0 203.4



#44

1,2-Dichloropropane

Concen: 2.259 ug/l

RT: 8.980 min Scan# 2617

Delta R.T. 0.007 min

Lab File: VR026754.D

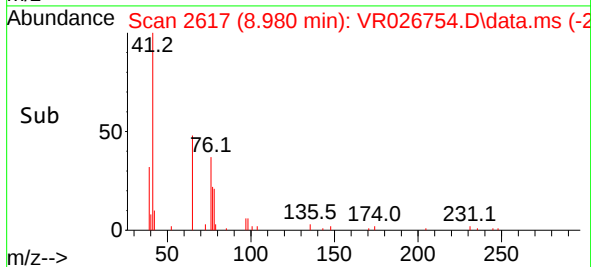
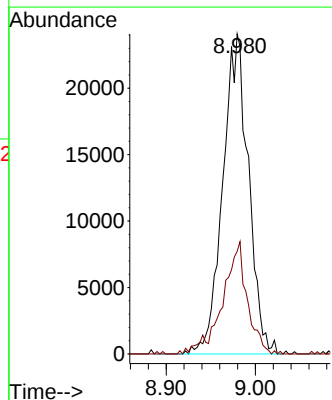
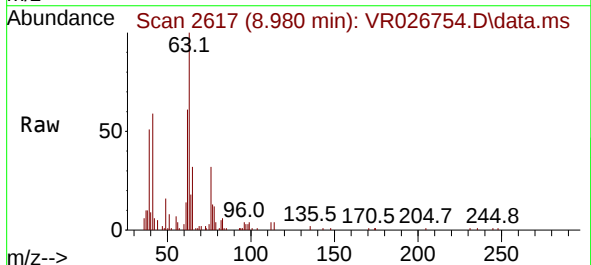
Acq: 21 Aug 2025 13:36

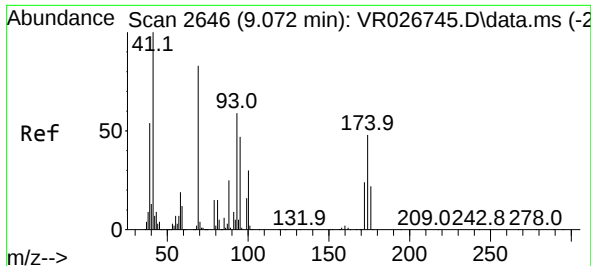
Tgt Ion: 63 Resp: 48096

Ion Ratio Lower Upper

63 100

65 31.2 24.8 37.2

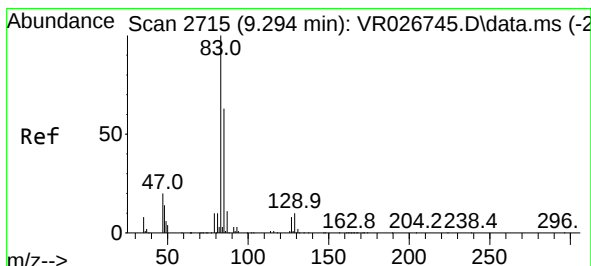
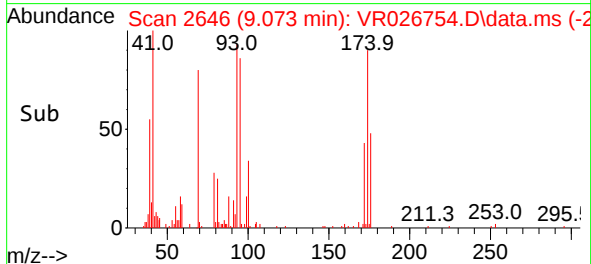
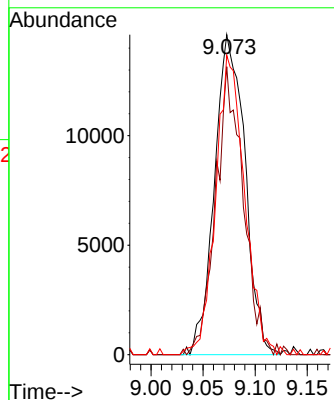
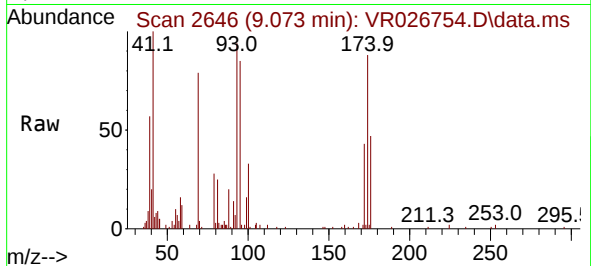




#45
Dibromomethane
Concen: 2.195 ug/l
RT: 9.073 min Scan# 21
Delta R.T. 0.001 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

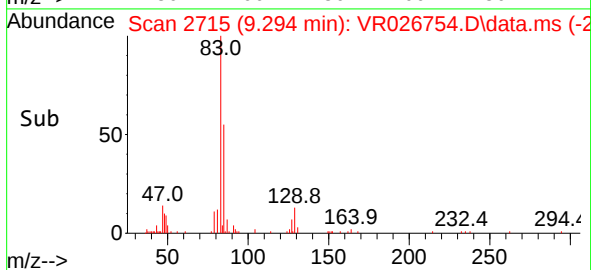
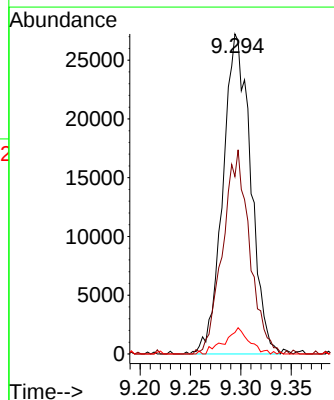
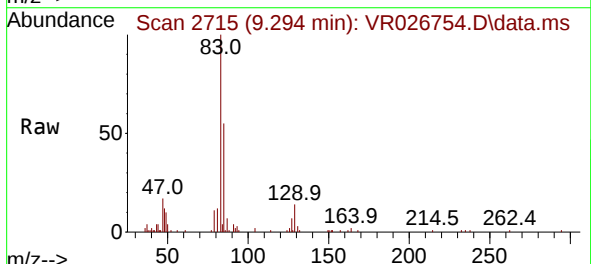
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

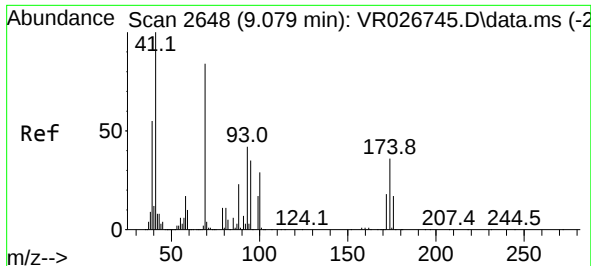
Tgt Ion: 93 Resp: 29685
Ion Ratio Lower Upper
93 100
95 81.3 65.4 98.0
174 88.6 66.5 99.7



#46
Bromodichloromethane
Concen: 2.072 ug/l
RT: 9.294 min Scan# 2715
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 83 Resp: 52177
Ion Ratio Lower Upper
83 100
85 55.4 50.8 76.2
127 6.7 6.0 9.0

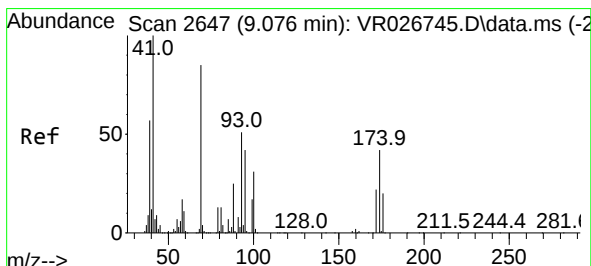
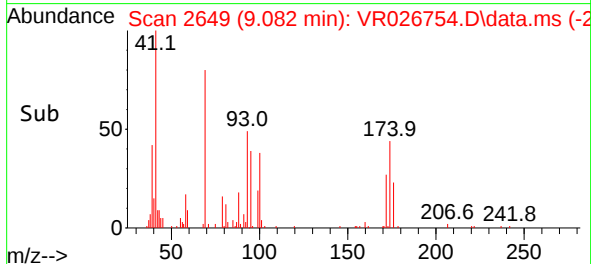
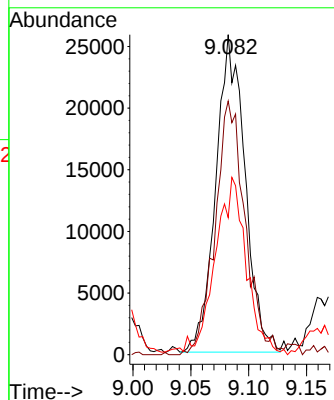
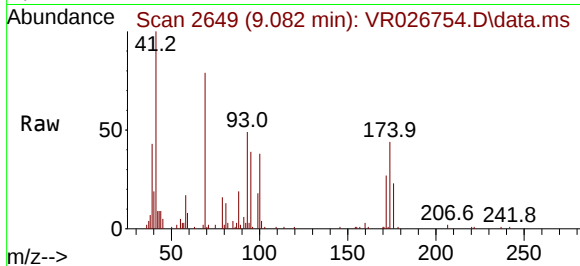




#47
Methyl methacrylate
Concen: 1.757 ug/l
RT: 9.082 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

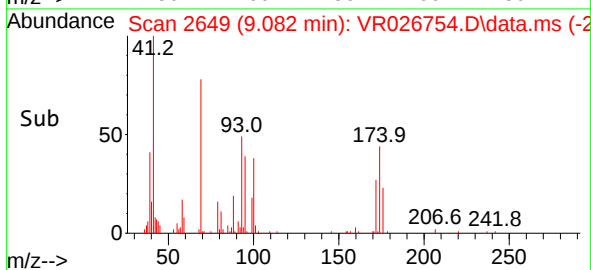
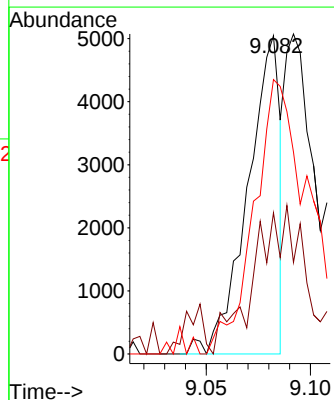
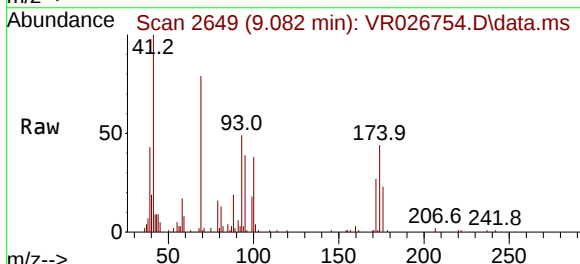
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

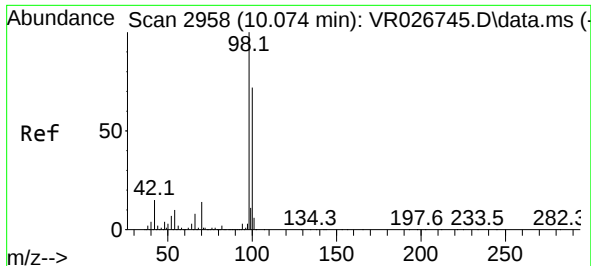
Tgt Ion: 41 Resp: 45050
Ion Ratio Lower Upper
41 100
69 82.4 66.5 99.7
39 58.5 43.3 64.9



#48
1,4-Dioxane
Concen: 16.527 ug/l
RT: 9.082 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 88 Resp: 5445
Ion Ratio Lower Upper
88 100
43 0.0 27.1 40.7#
58 151.6 55.9 83.9#

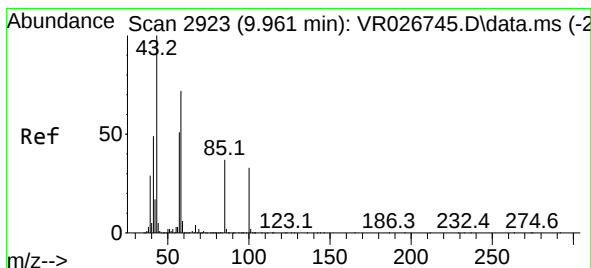
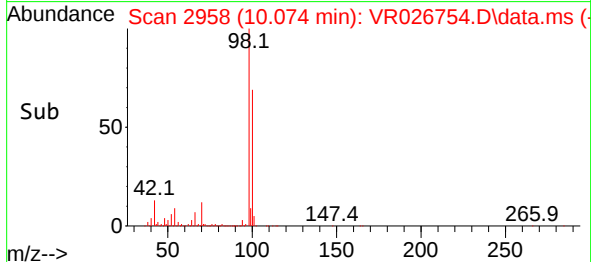
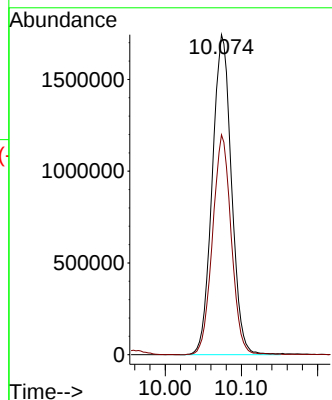
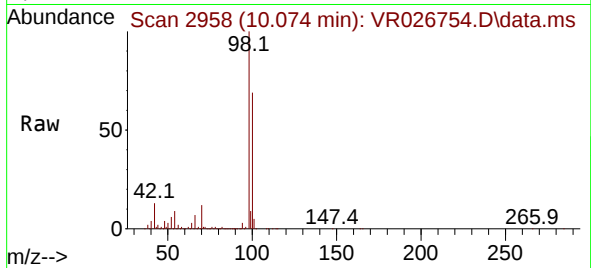




#49
Toluene-d8
Concen: 49.026 ug/l
RT: 10.074 min Scan# 2958
Delta R.T. -0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

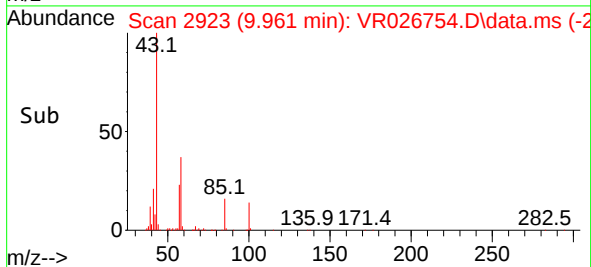
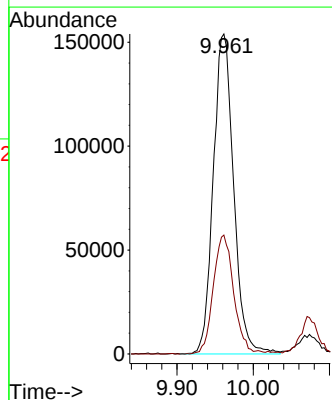
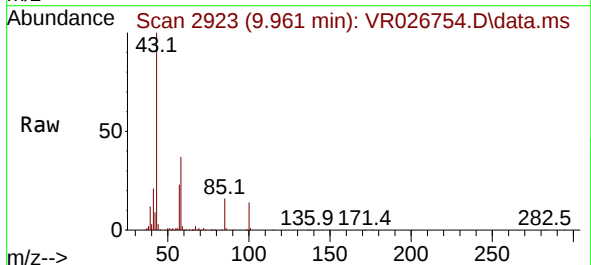
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

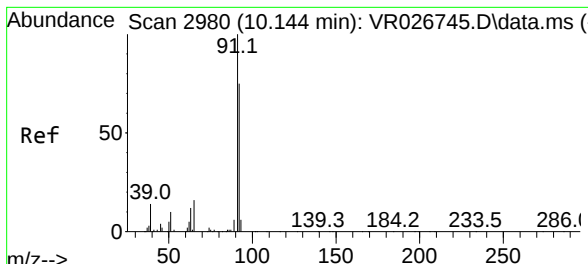
Tgt Ion: 98 Resp: 3057572
Ion Ratio Lower Upper
98 100
100 66.7 55.7 83.5



#50
4-Methyl-2-Pentanone
Concen: 11.013 ug/l
RT: 9.961 min Scan# 2923
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 43 Resp: 286077
Ion Ratio Lower Upper
43 100
58 37.3 46.8 70.2#

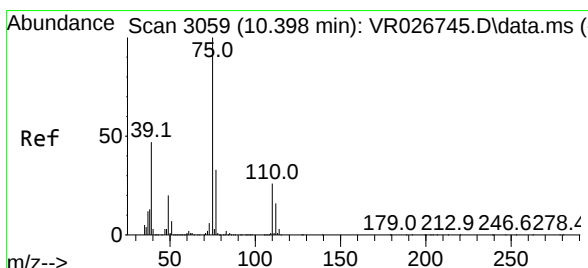
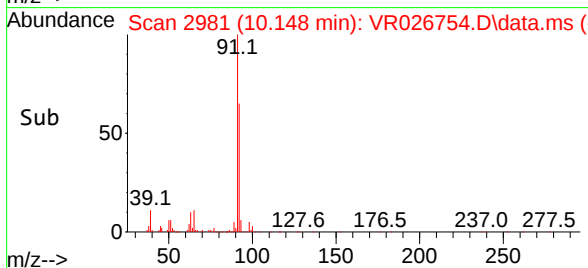
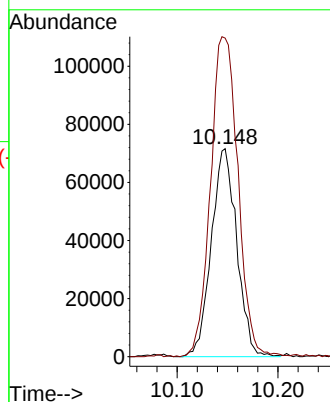
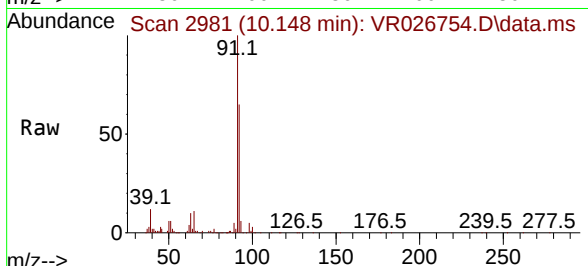




#51
Toluene
Concen: 2.472 ug/l
RT: 10.148 min Scan# 2980
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

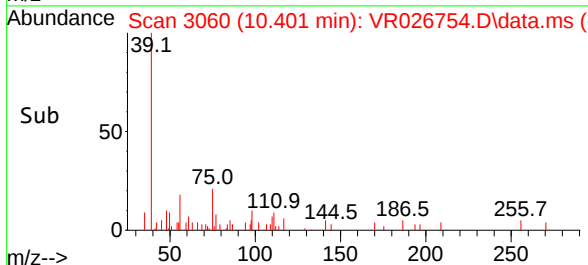
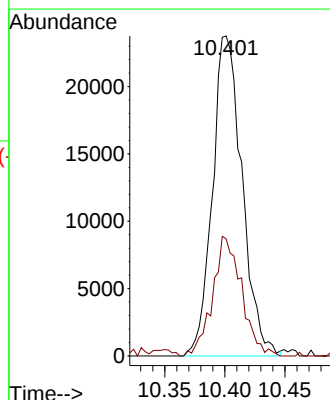
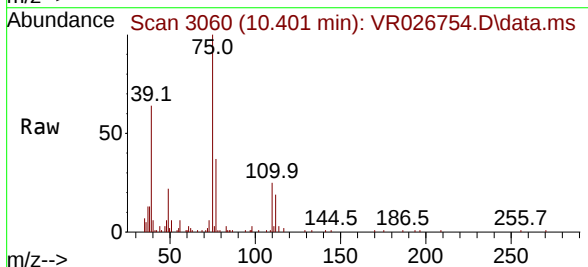
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

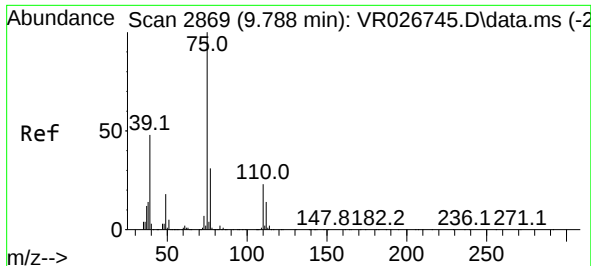
Tgt Ion: 92 Resp: 125551
Ion Ratio Lower Upper
92 100
91 166.1 120.1 180.1



#52
t-1,3-Dichloropropene
Concen: 1.705 ug/l
RT: 10.401 min Scan# 3060
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 75 Resp: 40659
Ion Ratio Lower Upper
75 100
77 36.6 26.2 39.4

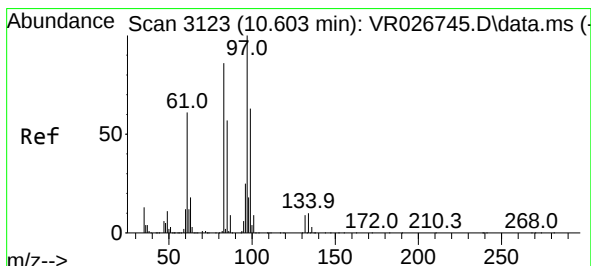
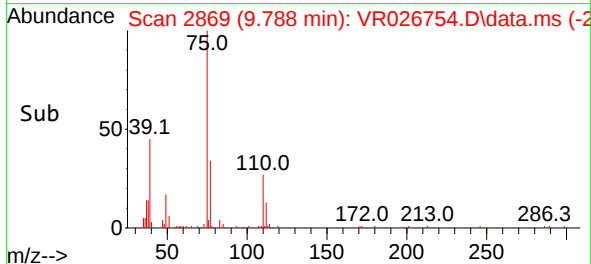
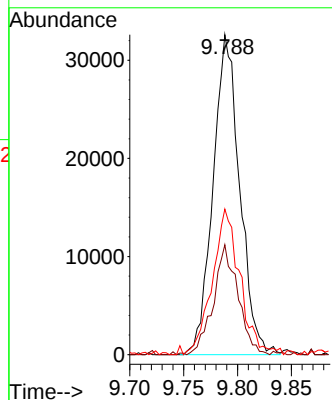
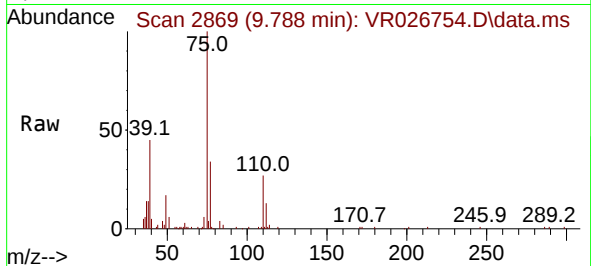




#53
 cis-1,3-Dichloropropene
 Concen: 1.944 ug/l
 RT: 9.788 min Scan# 2869
 Delta R.T. 0.000 min
 Lab File: VR026754.D
 Acq: 21 Aug 2025 13:36

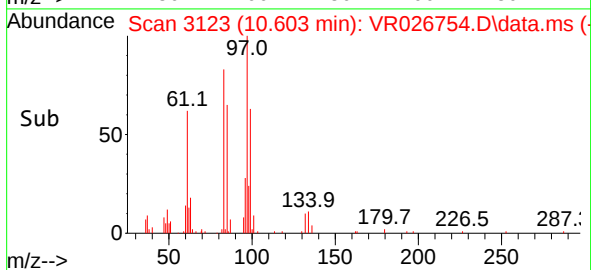
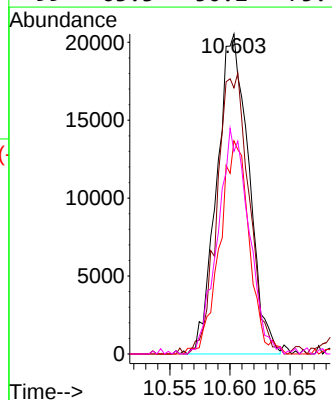
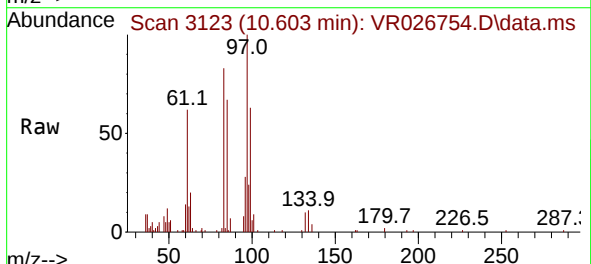
Instrument : MSVOA_R
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025

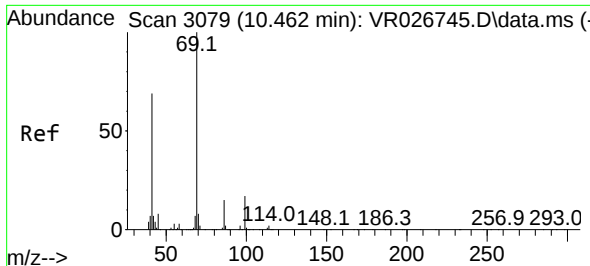
Tgt Ion:	75	Resp:	56232
Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.1	37.7
39	43.7	38.5	57.7



#54
 1,1,2-Trichloroethane
 Concen: 2.103 ug/l
 RT: 10.603 min Scan# 3123
 Delta R.T. 0.000 min
 Lab File: VR026754.D
 Acq: 21 Aug 2025 13:36

Tgt Ion:	97	Resp:	37915
Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.9	103.3
85	66.6	45.3	67.9
99	63.3	50.2	75.4

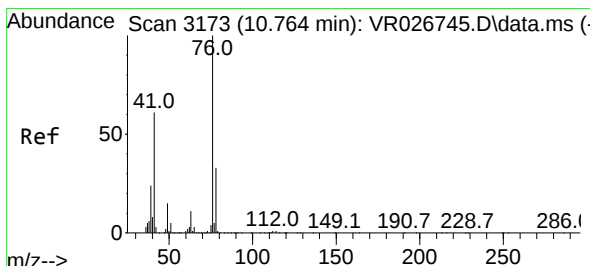
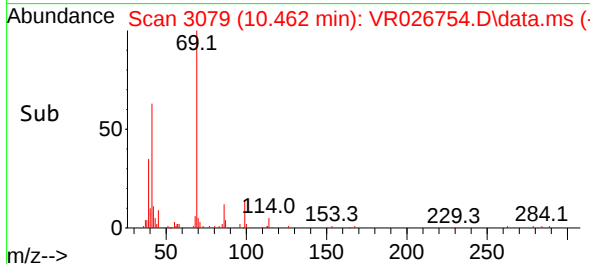
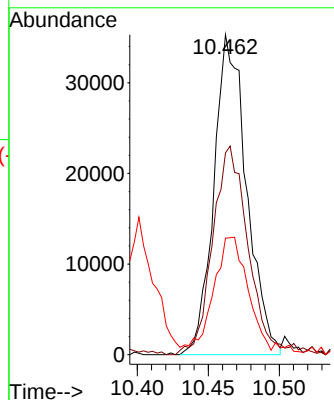
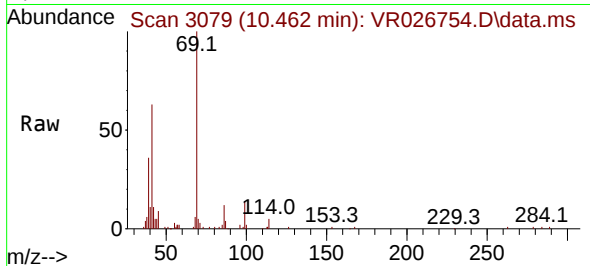




#55
Ethyl methacrylate
Concen: 1.827 ug/l
RT: 10.462 min Scan# 3079
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

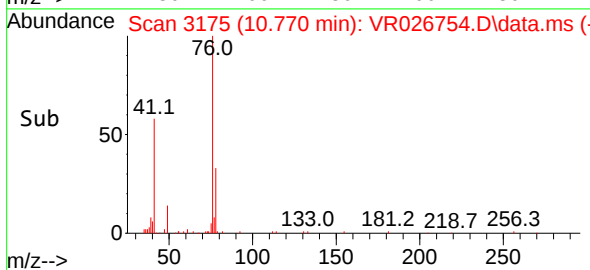
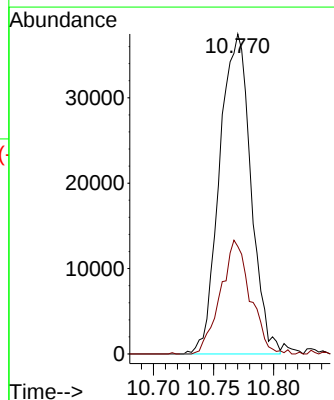
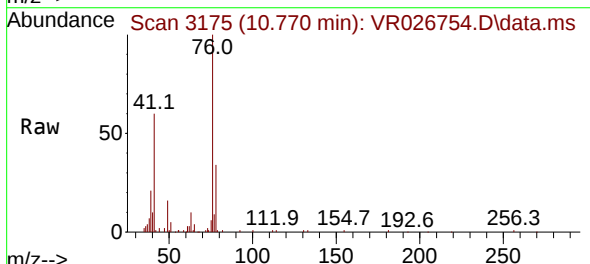
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

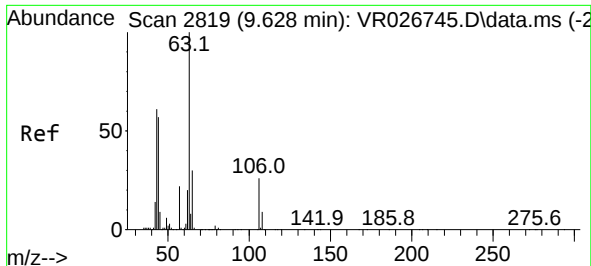
Tgt Ion:	69	Resp:	56660
Ion	Ratio	Lower	Upper
69	100		
41	69.9	55.6	83.4
39	36.4	29.2	43.8



#56
1,3-Dichloropropane
Concen: 2.235 ug/l
RT: 10.770 min Scan# 3175
Delta R.T. 0.007 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion:	76	Resp:	67898
Ion	Ratio	Lower	Upper
76	100		
78	33.9	25.9	38.9

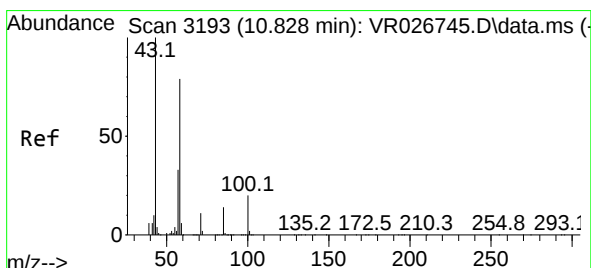
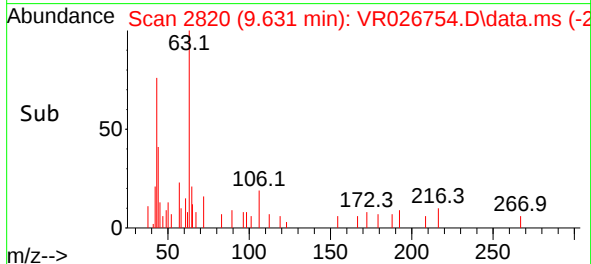
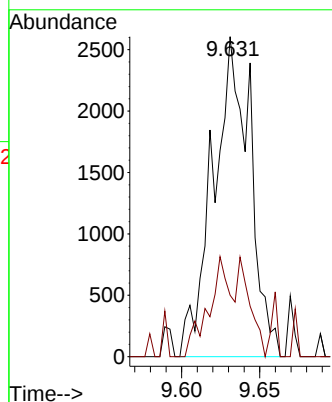
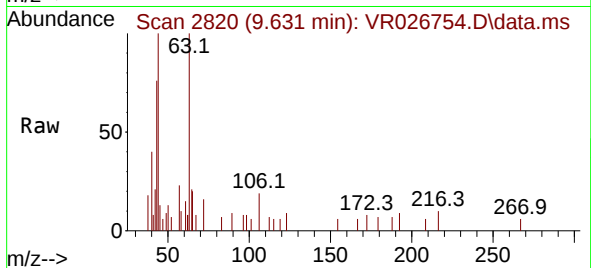




#57
2-Chloroethyl Vinyl ether
Concen: 2.602 ug/l
RT: 9.631 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

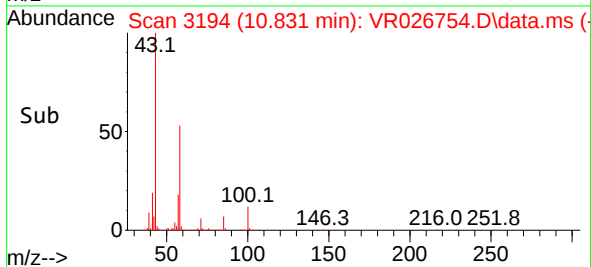
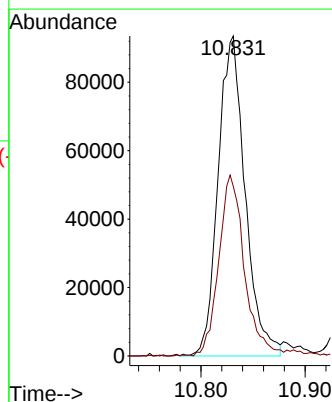
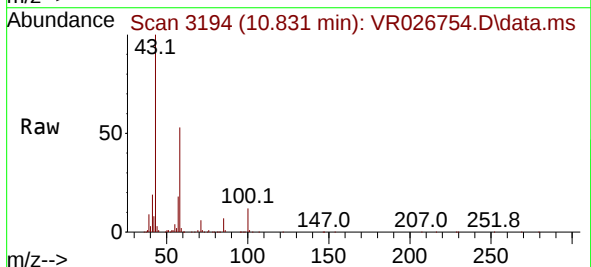
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

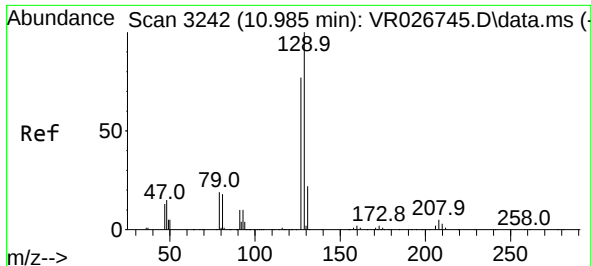
Tgt Ion: 63 Resp: 4323
Ion Ratio Lower Upper
63 100
106 10.4 21.5 32.3#



#58
2-Hexanone
Concen: 9.500 ug/l
RT: 10.831 min Scan# 3194
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 43 Resp: 168669
Ion Ratio Lower Upper
43 100
58 52.8 34.0 102.0





#59

Dibromochloromethane

Concen: 1.807 ug/l

RT: 10.988 min Scan# 31

Delta R.T. 0.003 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Instrument :

MSVOA_R

ClientSampleId :

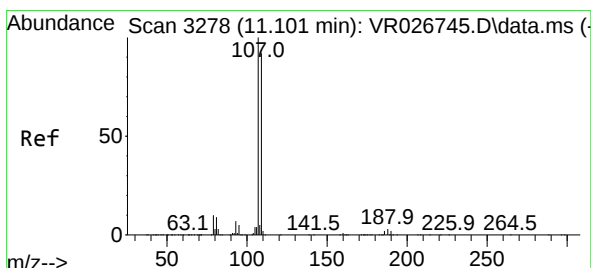
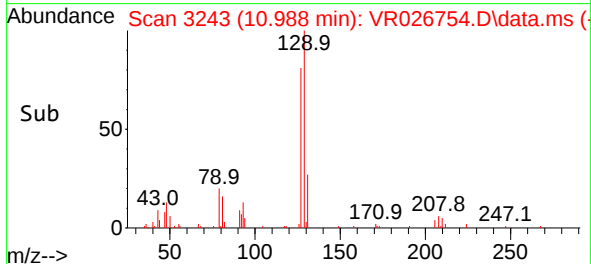
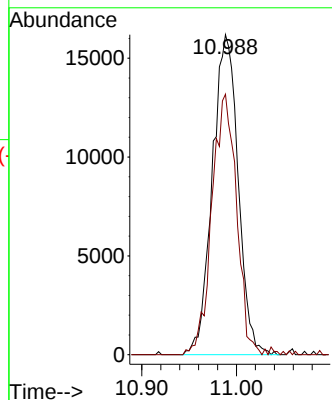
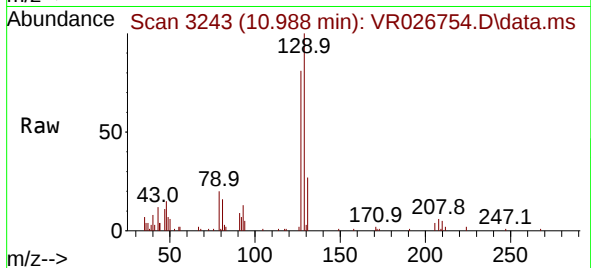
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:129 Resp: 30634

Ion Ratio Lower Upper

129 100

127 77.6 38.9 116.7



#60

1,2-Dibromoethane

Concen: 2.069 ug/l

RT: 11.107 min Scan# 3280

Delta R.T. 0.007 min

Lab File: VR026754.D

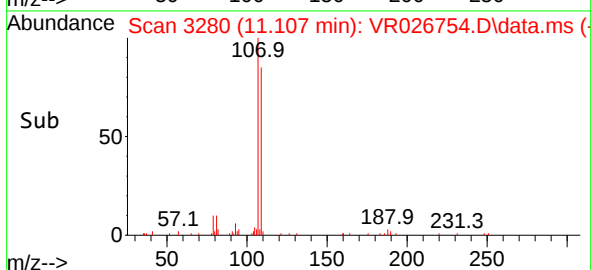
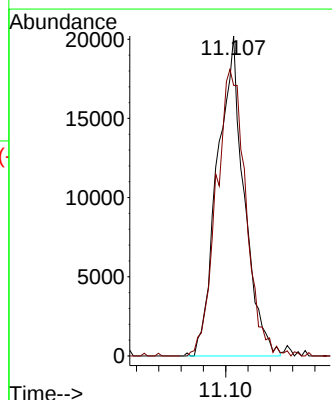
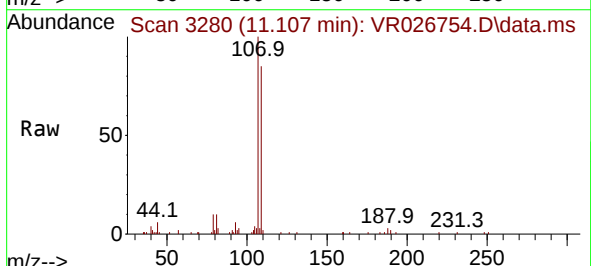
Acq: 21 Aug 2025 13:36

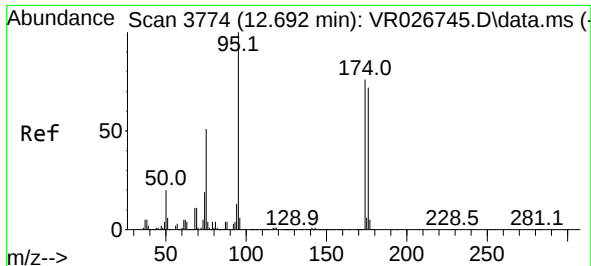
Tgt Ion:107 Resp: 33707

Ion Ratio Lower Upper

107 100

109 99.1 74.3 111.5

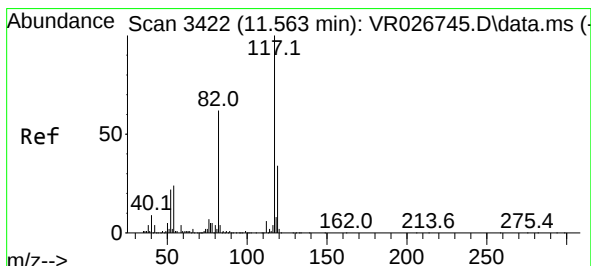
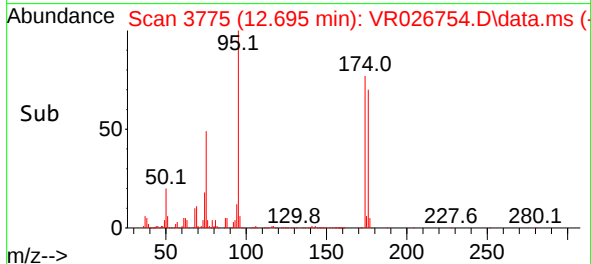
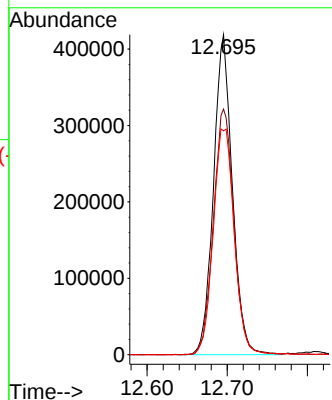
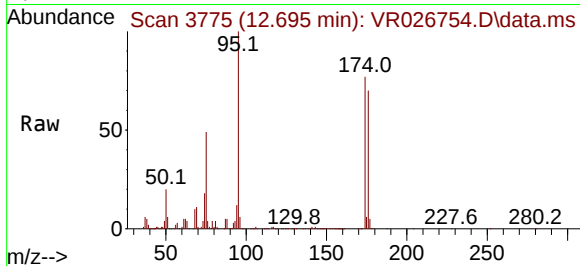




#61
4-Bromofluorobenzene
Concen: 38.702 ug/l
RT: 12.695 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

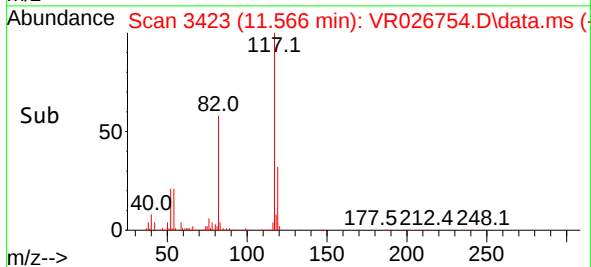
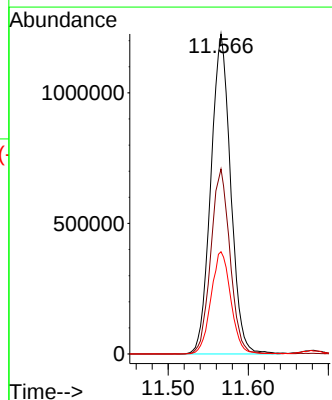
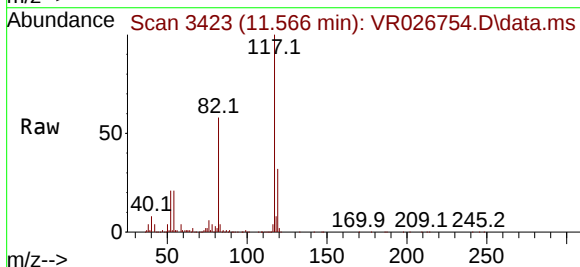
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

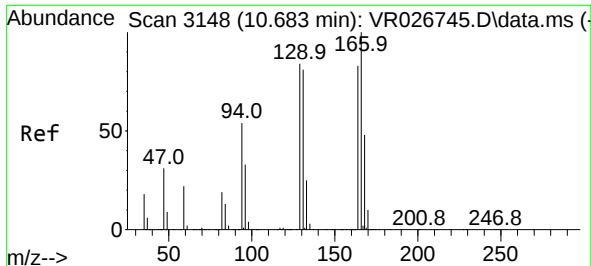
Tgt Ion: 95 Resp: 684844
Ion Ratio Lower Upper
95 100
174 83.2 0.0 156.6
176 78.6 0.0 150.2



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.566 min Scan# 3423
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 117 Resp: 2105403
Ion Ratio Lower Upper
117 100
82 57.8 49.9 74.9
119 31.9 27.4 41.2

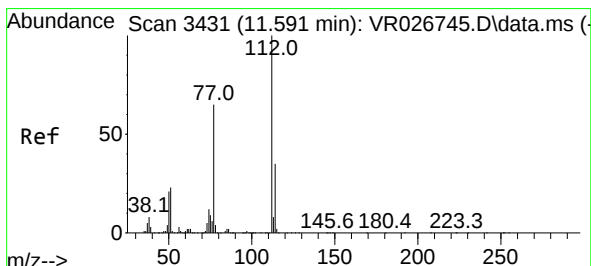
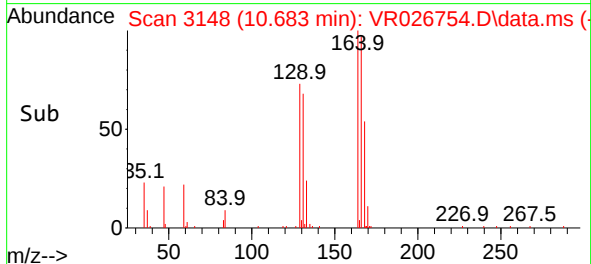
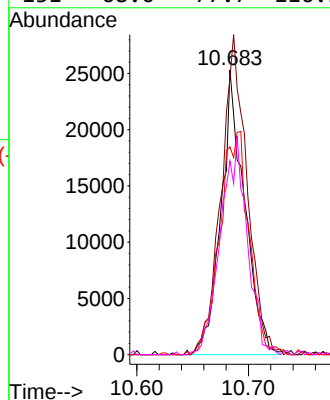
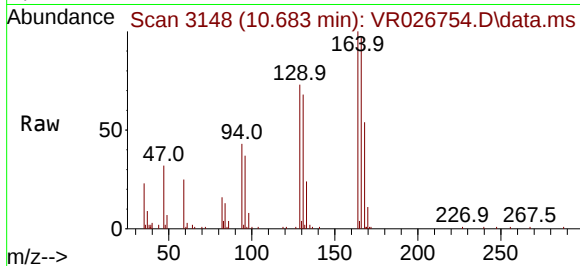




#63
Tetrachloroethene
Concen: 2.521 ug/l
RT: 10.683 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

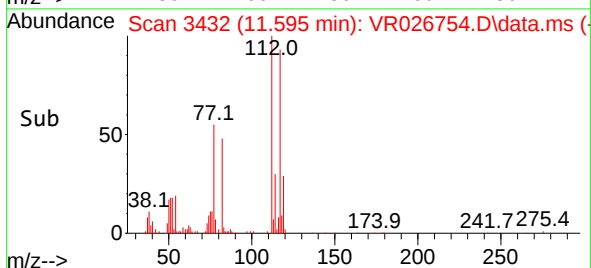
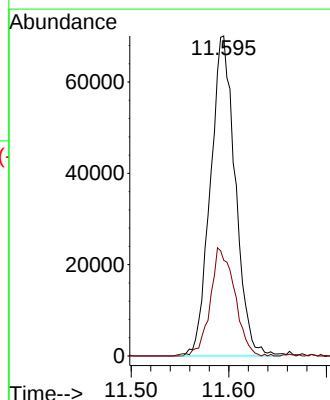
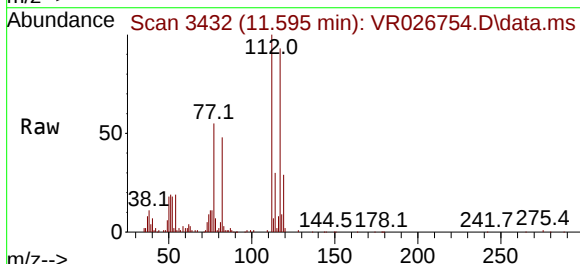
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

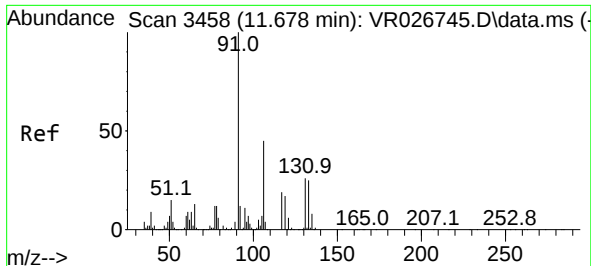
Tgt Ion:164 Resp: 37296
Ion Ratio Lower Upper
164 100
166 97.1 95.9 143.9
129 73.0 80.2 120.2#
131 68.0 77.7 116.5#



#64
Chlorobenzene
Concen: 2.647 ug/l
RT: 11.595 min Scan# 3432
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion:112 Resp: 124012
Ion Ratio Lower Upper
112 100
114 30.0 28.0 42.0

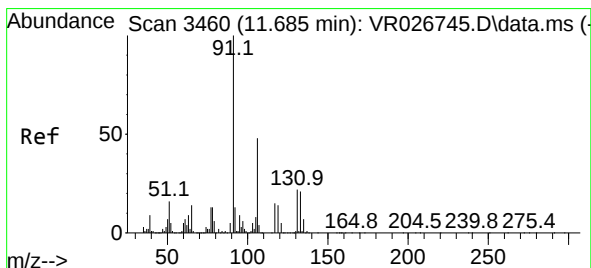
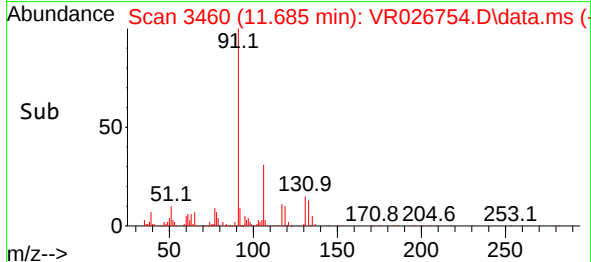
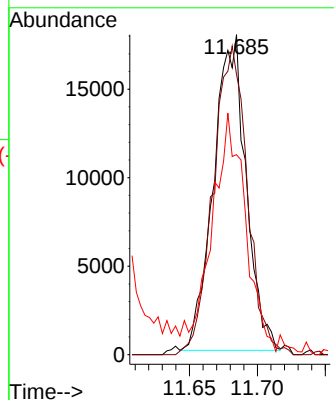
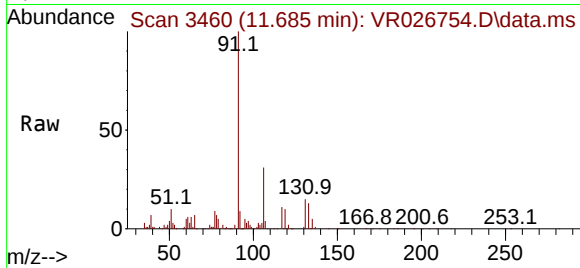




#65
1,1,1,2-Tetrachloroethane
Concen: 1.885 ug/l
RT: 11.685 min Scan# 3458
Delta R.T. 0.007 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

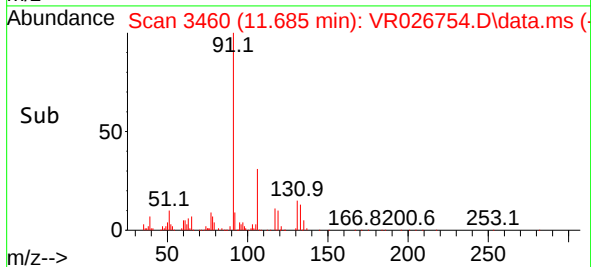
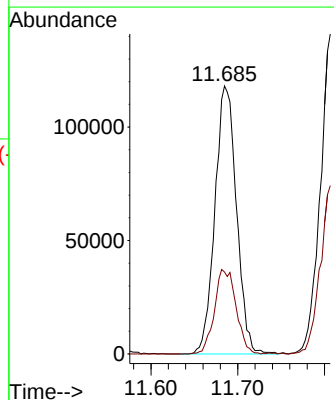
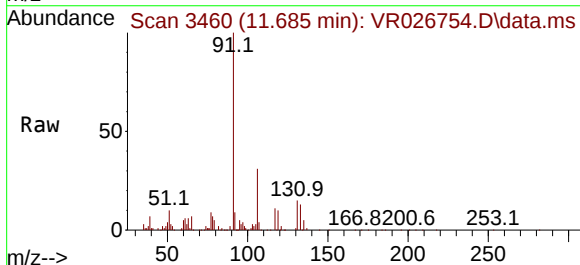
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

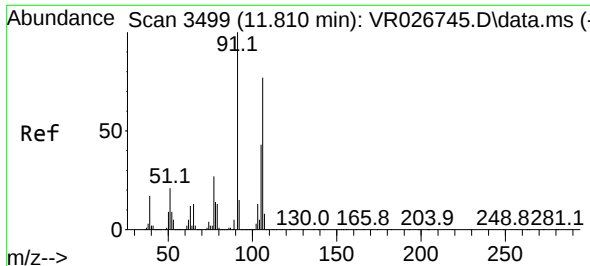
Tgt Ion:131 Resp: 29653
Ion Ratio Lower Upper
131 100
133 103.1 47.3 141.8
119 76.2 33.9 101.7



#66
Ethyl Benzene
Concen: 2.602 ug/l
RT: 11.685 min Scan# 3460
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 91 Resp: 203792
Ion Ratio Lower Upper
91 100
106 30.6 38.7 58.1#

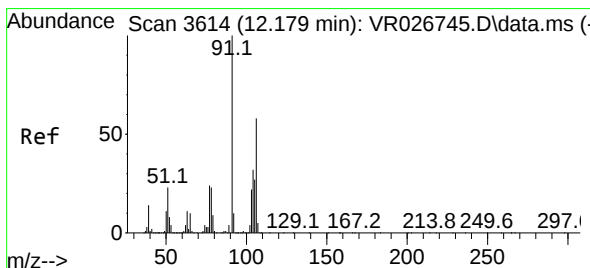
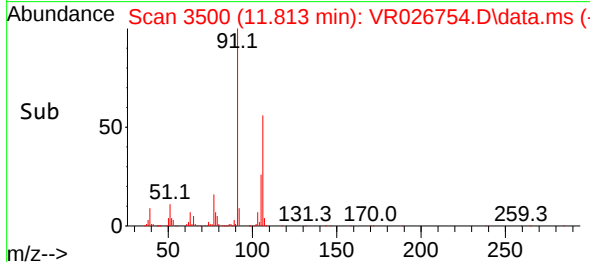
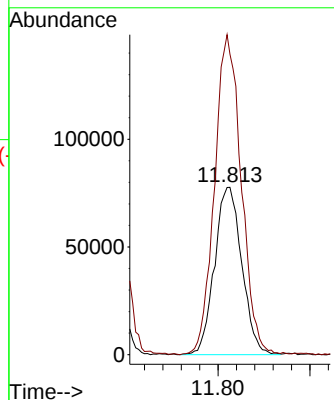
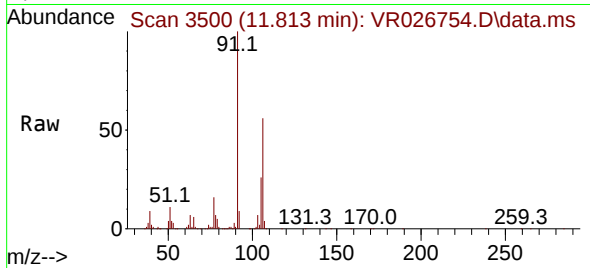




#67
m/p-Xylenes
Concen: 4.884 ug/l
RT: 11.813 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

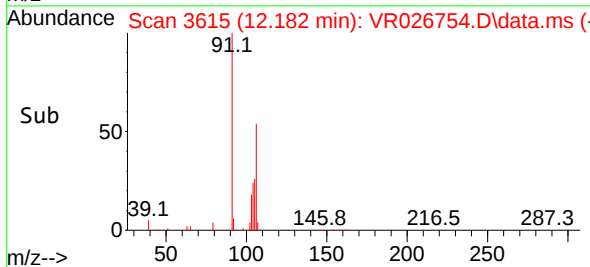
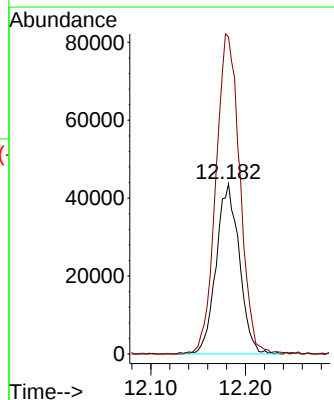
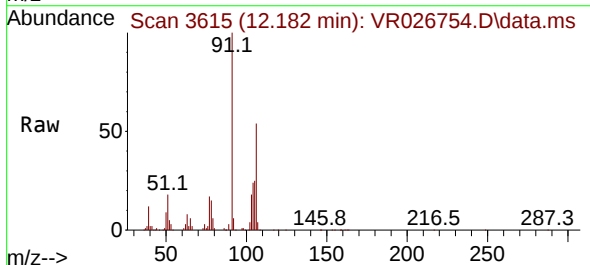
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

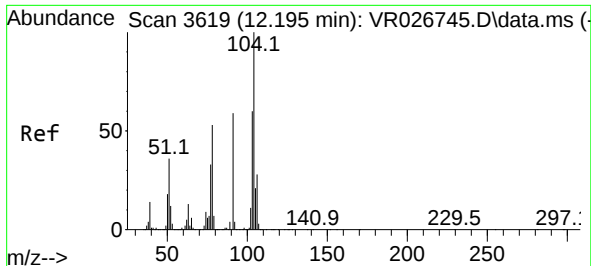
Tgt Ion:106 Resp: 160082
Ion Ratio Lower Upper
106 100
91 187.2 121.6 182.4#



#68
o-Xylene
Concen: 2.229 ug/l
RT: 12.182 min Scan# 3615
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion:106 Resp: 74046
Ion Ratio Lower Upper
106 100
91 194.9 93.7 281.1

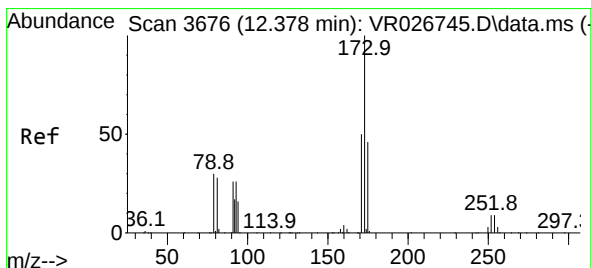
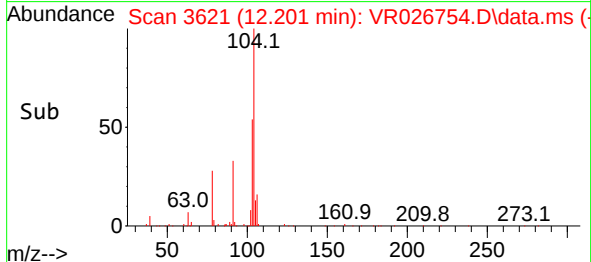
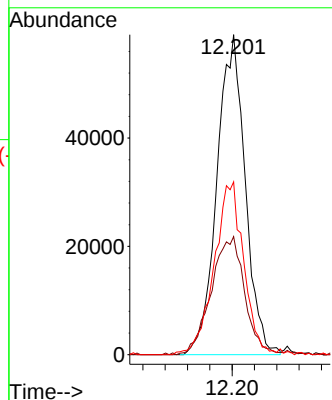
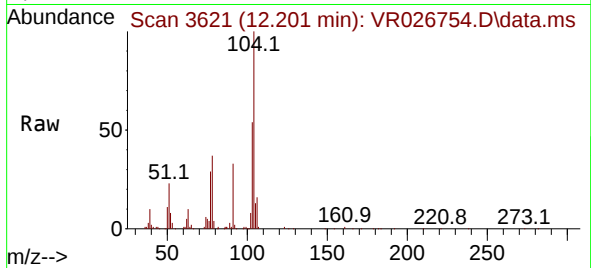




#69
Styrene
Concen: 2.126 ug/l
RT: 12.201 min Scan# 3621
Delta R.T. 0.007 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

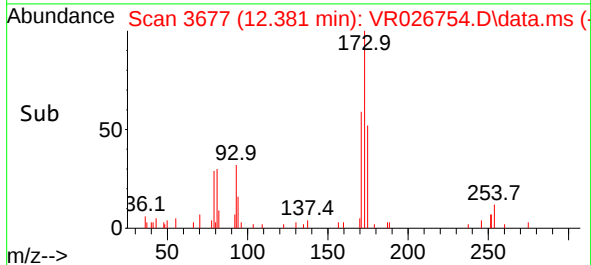
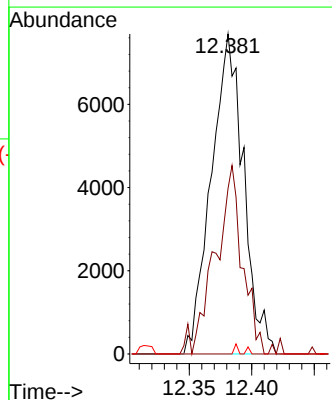
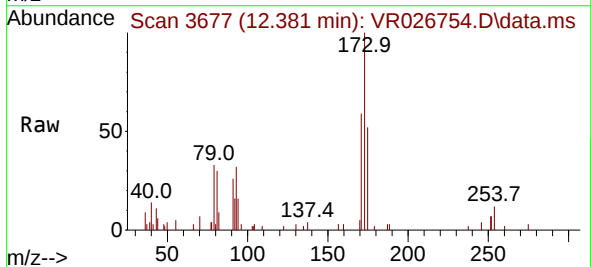
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

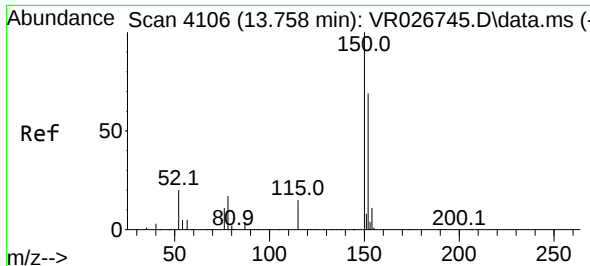
Tgt Ion:104 Resp: 103898
Ion Ratio Lower Upper
104 100
78 43.4 42.5 63.7
103 56.1 47.5 71.3



#70
Bromoform
Concen: 1.628 ug/l
RT: 12.381 min Scan# 3677
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion:173 Resp: 13808
Ion Ratio Lower Upper
173 100
175 48.7 23.8 71.4
254 0.3 0.0 0.0#

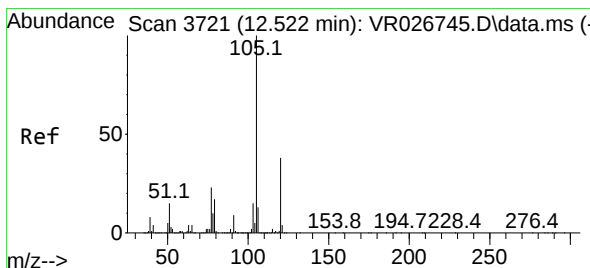
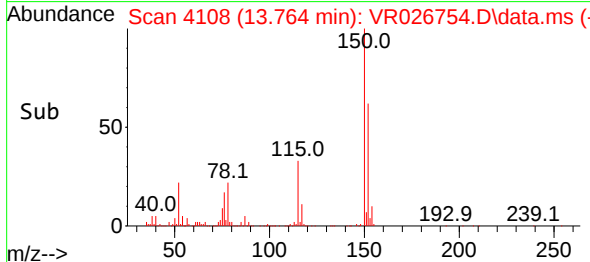
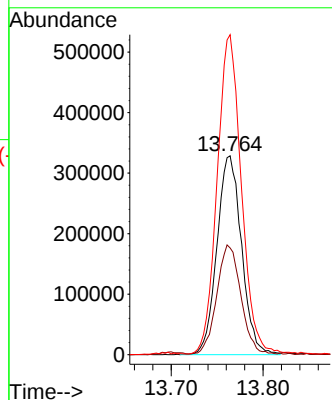
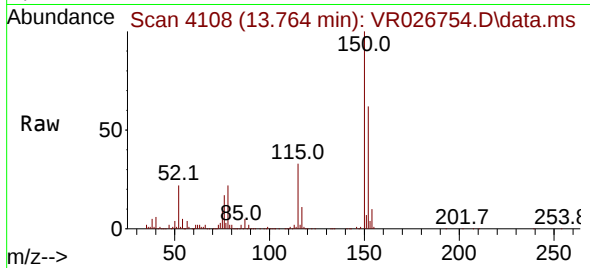




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.764 min Scan# 4106
Delta R.T. 0.007 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

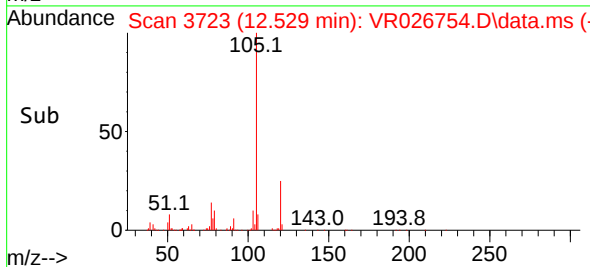
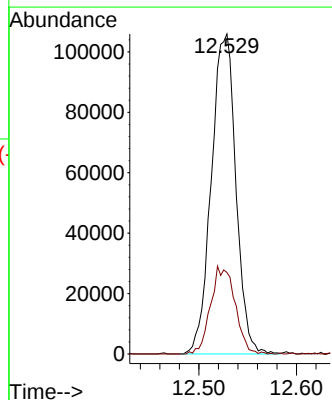
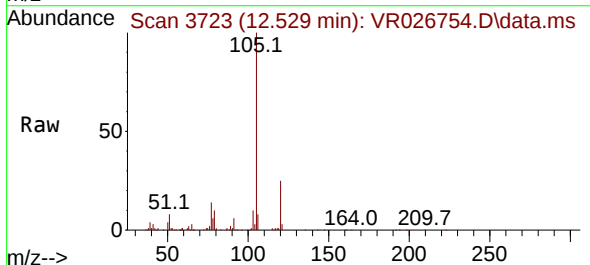
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

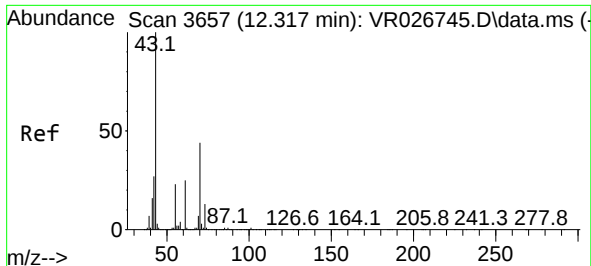
Tgt Ion:152 Resp: 611538
Ion Ratio Lower Upper
152 100
115 53.4 28.5 85.5
150 157.9 0.0 352.0



#72
Isopropylbenzene
Concen: 2.790 ug/l
RT: 12.529 min Scan# 3723
Delta R.T. 0.007 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion:105 Resp: 185215
Ion Ratio Lower Upper
105 100
120 27.3 16.4 49.2

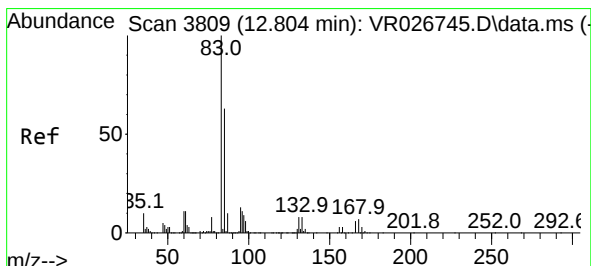
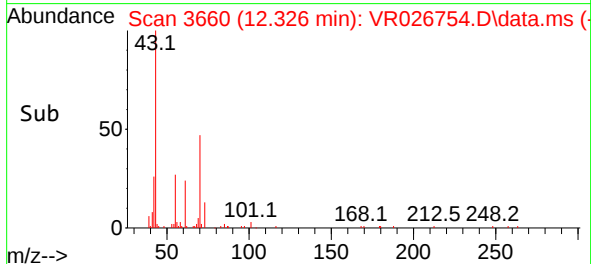
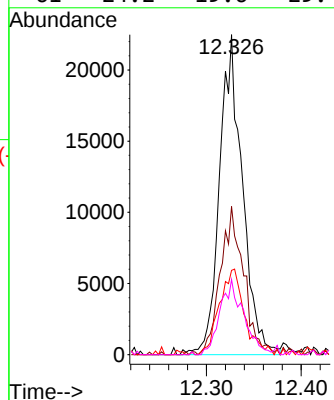
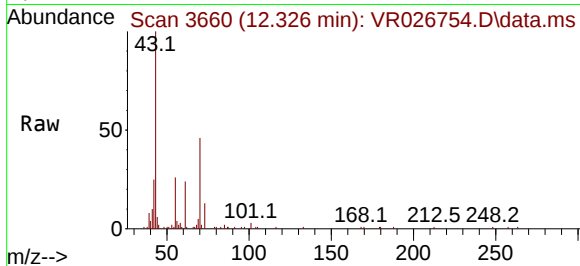




#73
N-ethyl acetate
Concen: 1.571 ug/l
RT: 12.326 min Scan# 3660
Delta R.T. 0.010 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

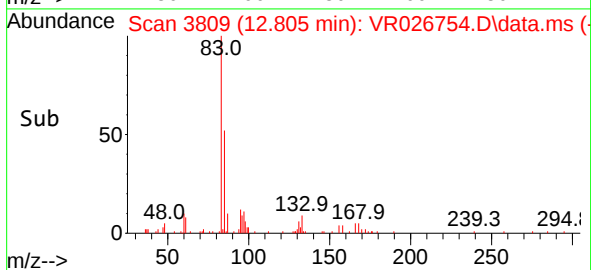
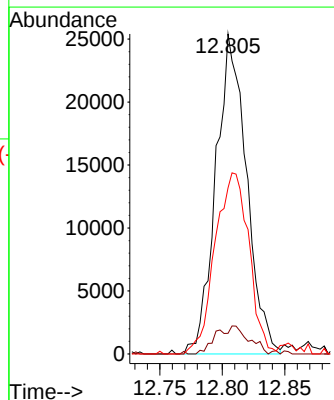
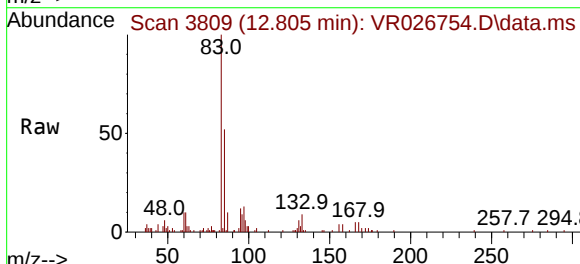
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

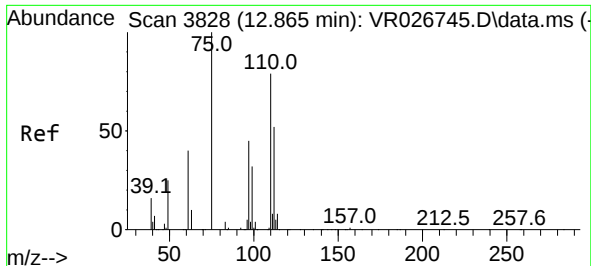
Tgt Ion: 43	Resp: 37650
Ion Ratio	Lower Upper
43 100	
70 46.8	34.1 51.1
55 29.4	18.1 27.1#
61 24.2	19.6 29.4



#74
1,1,2,2-Tetrachloroethane
Concen: 2.285 ug/l
RT: 12.805 min Scan# 3809
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 83	Resp: 43430
Ion Ratio	Lower Upper
83 100	
131 5.3	4.6 13.8
85 62.4	31.7 95.1

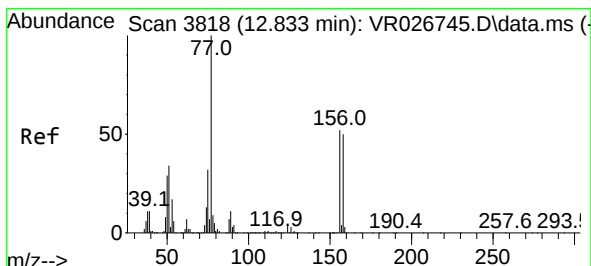
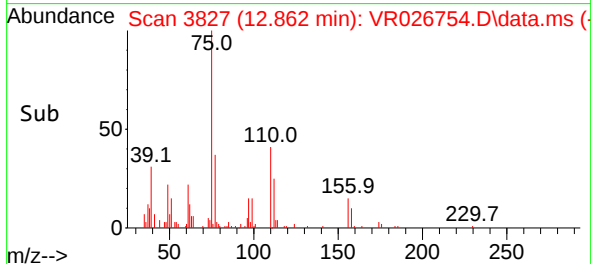
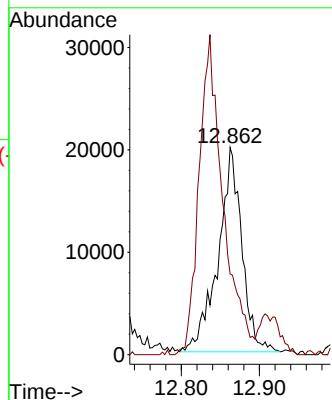
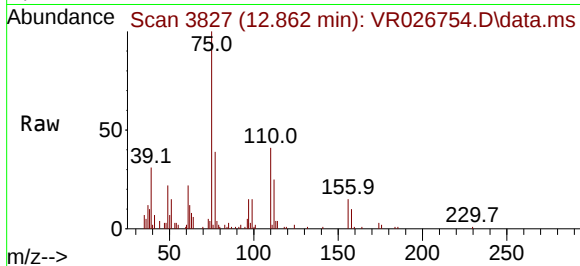




#75
1,2,3-Trichloropropane
Concen: 2.808 ug/l
RT: 12.862 min Scan# 3828
Delta R.T. -0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

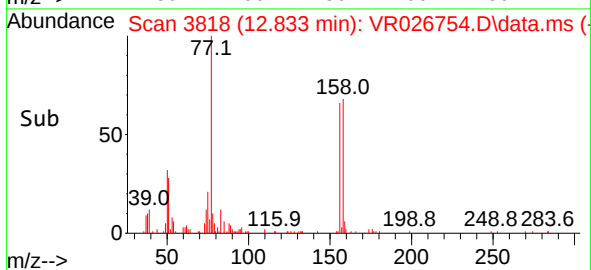
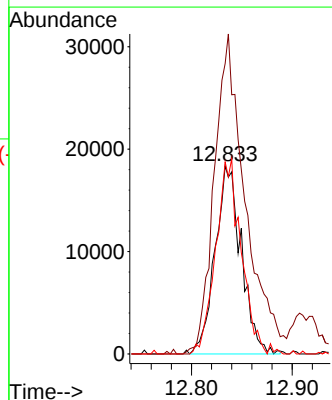
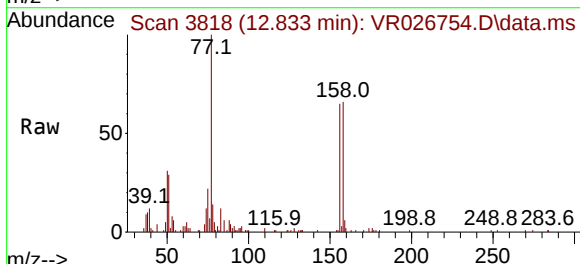
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

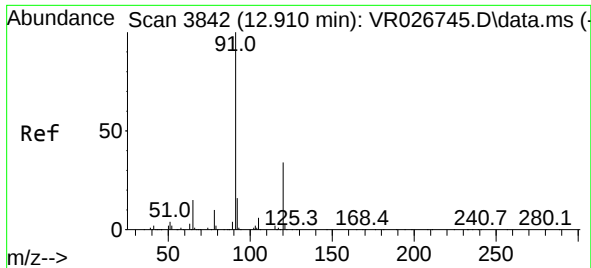
Tgt Ion: 75 Resp: 42333
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 2.286 ug/l
RT: 12.833 min Scan# 3818
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion:156 Resp: 33220
Ion Ratio Lower Upper
156 100
77 200.7 109.8 329.4
158 100.2 47.5 142.6

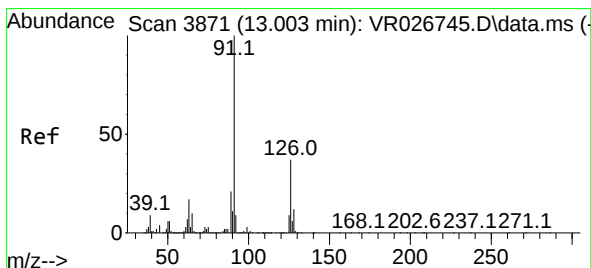
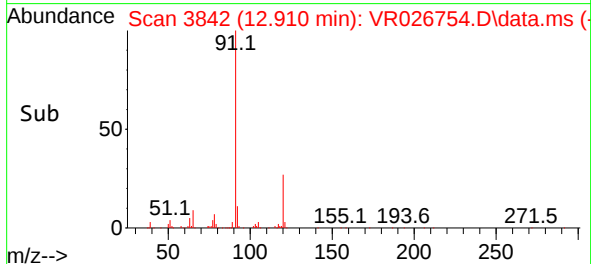
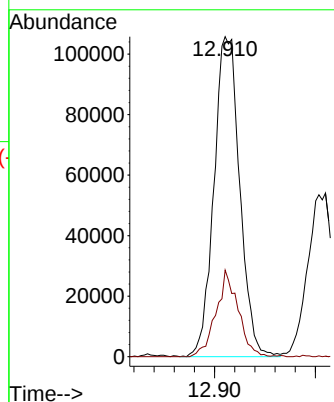
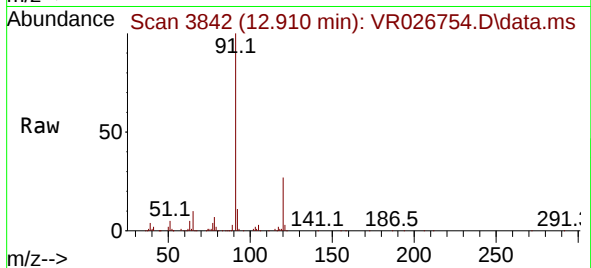




#77
n-propylbenzene
Concen: 2.643 ug/l
RT: 12.910 min Scan# 3842
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

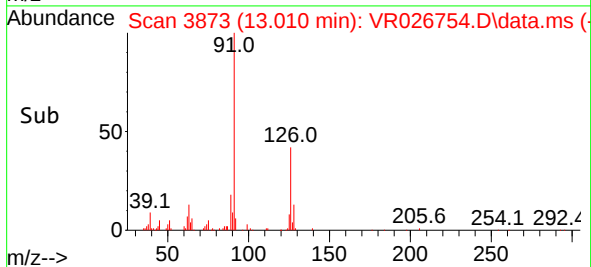
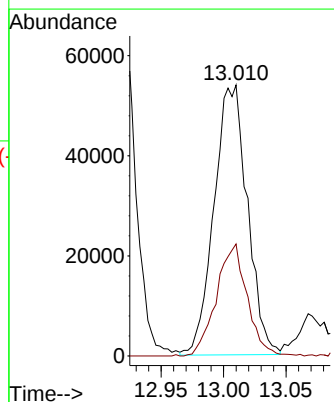
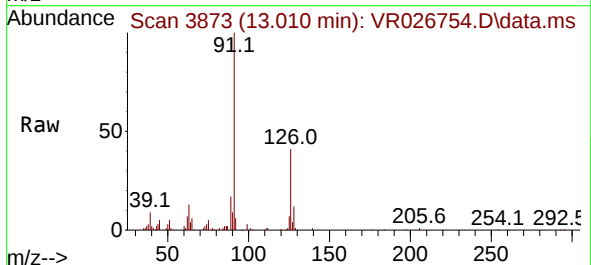
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

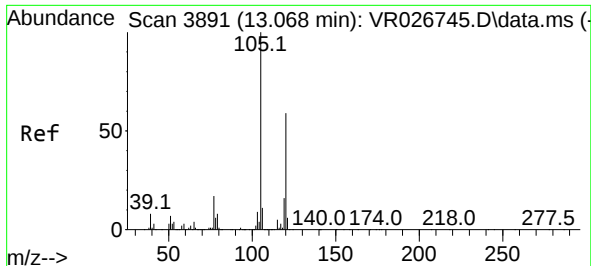
Tgt Ion: 91 Resp: 188080
Ion Ratio Lower Upper
91 100
120 23.2 14.2 42.8



#78
2-Chlorotoluene
Concen: 2.387 ug/l
RT: 13.010 min Scan# 3873
Delta R.T. 0.007 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 91 Resp: 100338
Ion Ratio Lower Upper
91 100
126 38.3 18.0 54.0

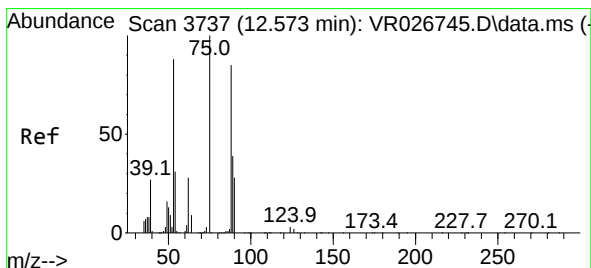
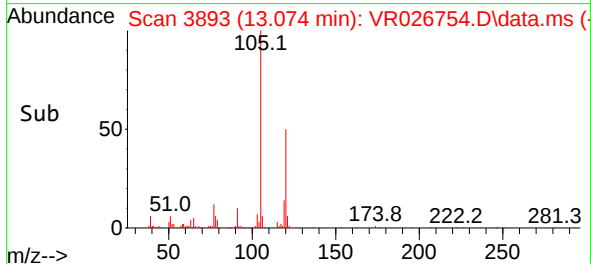
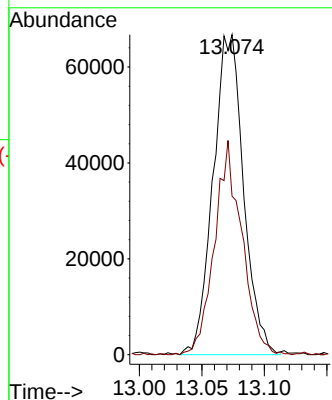
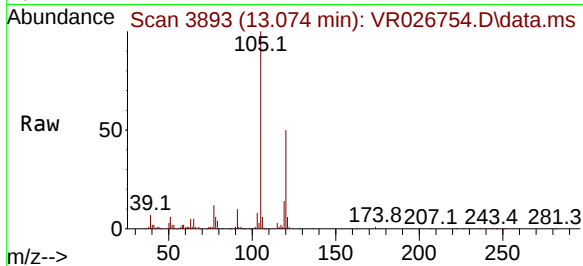




#79
1,3,5-Trimethylbenzene
Concen: 2.289 ug/l
RT: 13.074 min Scan# 3891
Delta R.T. 0.007 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

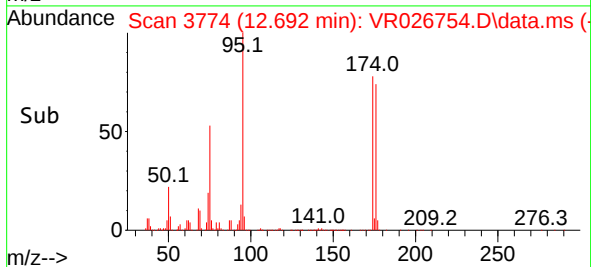
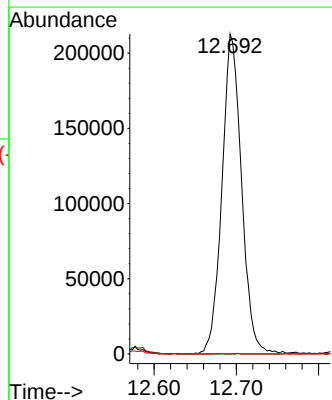
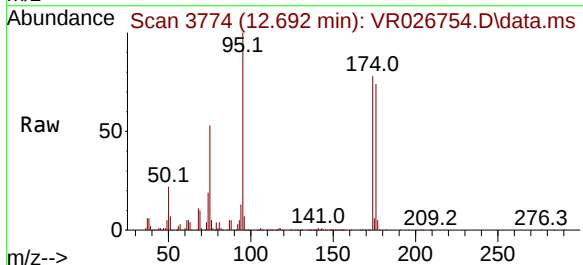
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

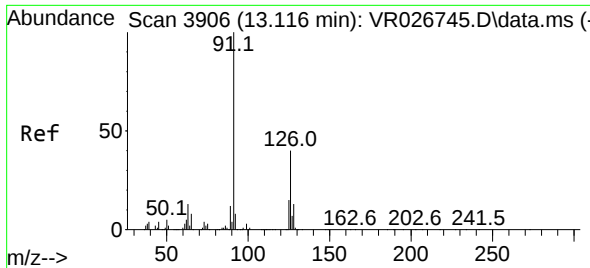
Tgt Ion:105 Resp: 113455
Ion Ratio Lower Upper
105 100
120 59.9 27.8 83.4



#80
trans-1,4-Dichloro-2-butene
Concen: 71.366 ug/l
RT: 12.692 min Scan# 3774
Delta R.T. 0.119 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 75 Resp: 352600
Ion Ratio Lower Upper
75 100
53 0.0 70.9 106.3#
89 0.0 33.4 50.0#

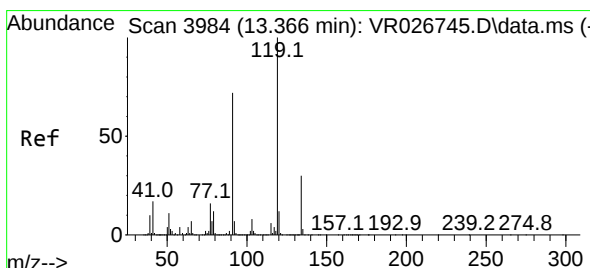
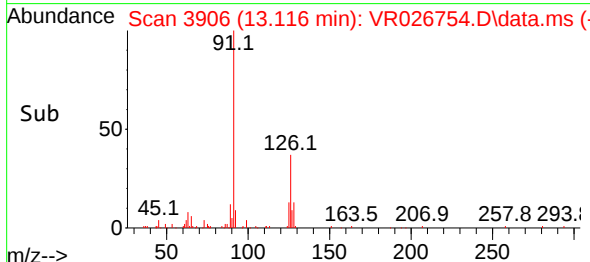
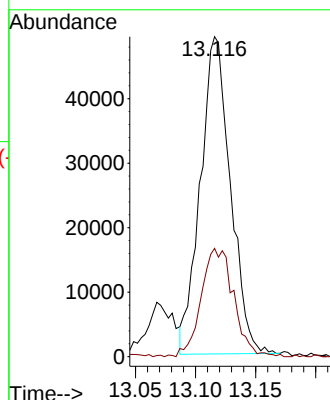
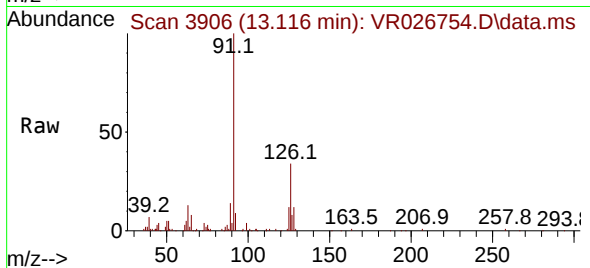




#81
4-Chlorotoluene
Concen: 2.226 ug/l
RT: 13.116 min Scan# 3906
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

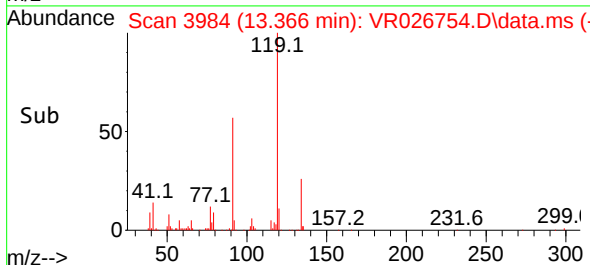
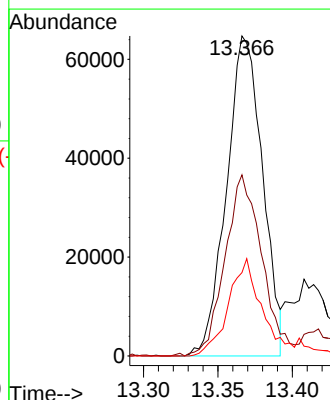
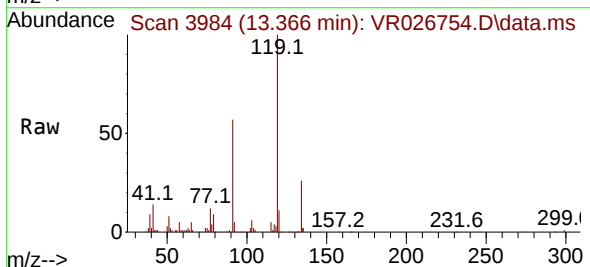
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

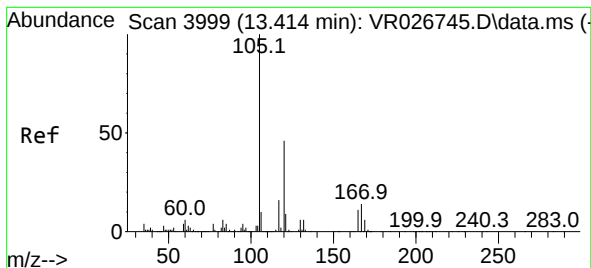
Tgt Ion: 91 Resp: 85708
Ion Ratio Lower Upper
91 100
126 36.9 18.2 54.6



#82
tert-Butylbenzene
Concen: 2.351 ug/l
RT: 13.366 min Scan# 3984
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 119 Resp: 108955
Ion Ratio Lower Upper
119 100
91 57.9 33.5 100.5
134 28.2 14.9 44.9





#83

1,2,4-Trimethylbenzene

Concen: 2.083 ug/l

RT: 13.417 min Scan# 4000

Delta R.T. 0.003 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Instrument :

MSVOA_R

ClientSampleId :

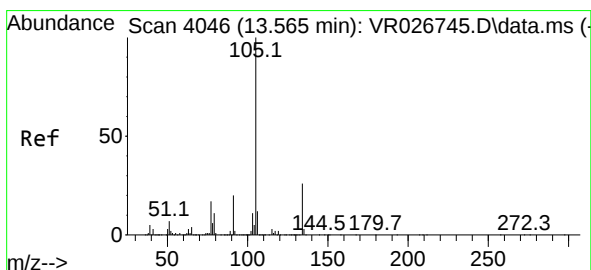
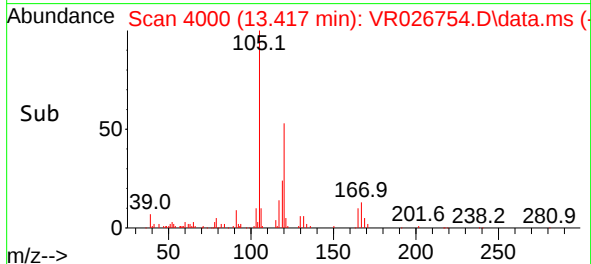
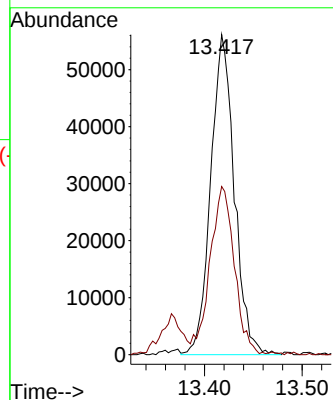
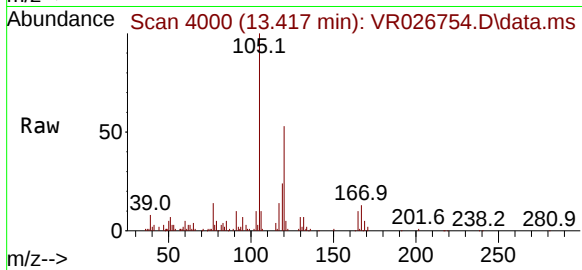
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:105 Resp: 94136

Ion Ratio Lower Upper

105 100

120 53.6 25.3 75.9



#84

sec-Butylbenzene

Concen: 2.345 ug/l

RT: 13.568 min Scan# 4047

Delta R.T. 0.003 min

Lab File: VR026754.D

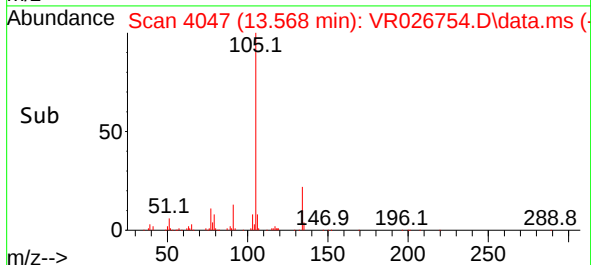
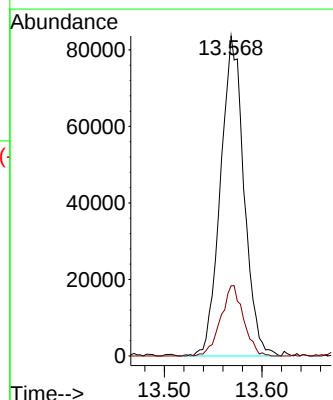
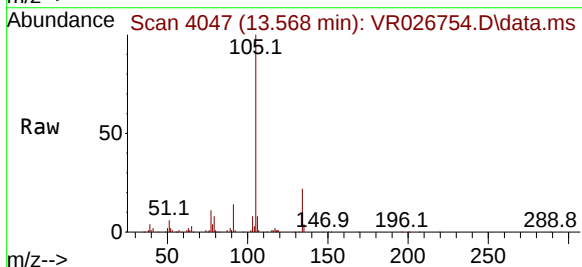
Acq: 21 Aug 2025 13:36

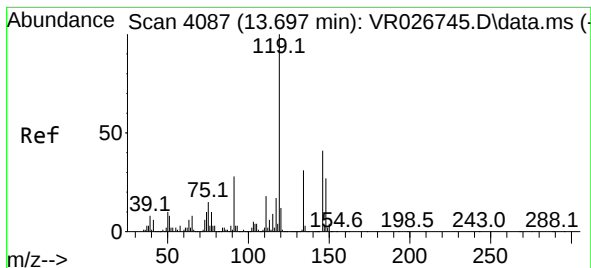
Tgt Ion:105 Resp: 139783

Ion Ratio Lower Upper

105 100

134 21.3 11.6 34.7





#85

p-Isopropyltoluene

Concen: 2.139 ug/l

RT: 13.703 min Scan# 4089

Delta R.T. 0.007 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

Instrument :

MSVOA_R

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

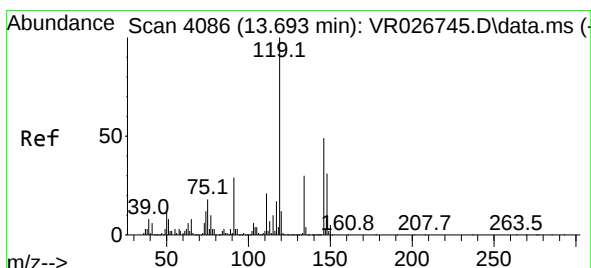
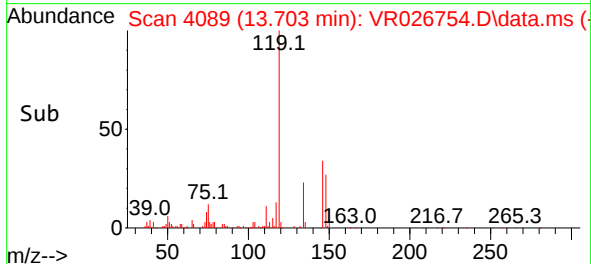
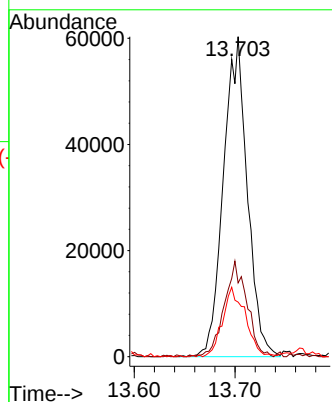
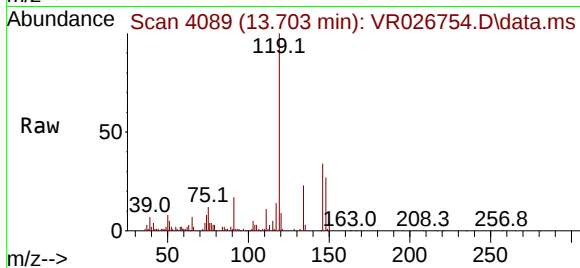
Tgt Ion:119 Resp: 99089

Ion Ratio Lower Upper

119 100

134 28.4 14.4 43.2

91 20.9 12.7 38.0



#86

1,3-Dichlorobenzene

Concen: 2.429 ug/l

RT: 13.697 min Scan# 4087

Delta R.T. 0.004 min

Lab File: VR026754.D

Acq: 21 Aug 2025 13:36

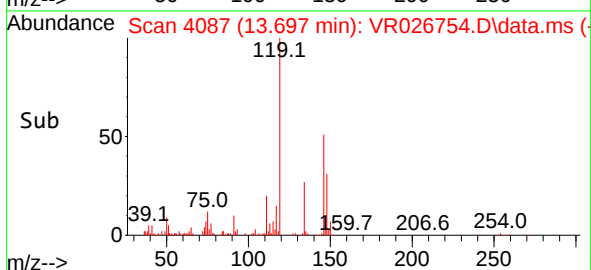
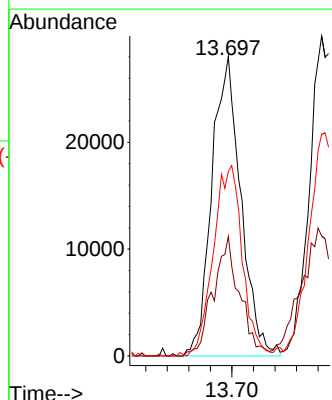
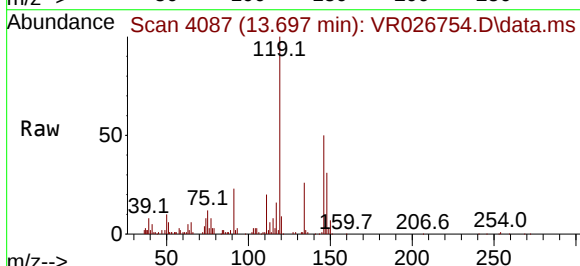
Tgt Ion:146 Resp: 52414

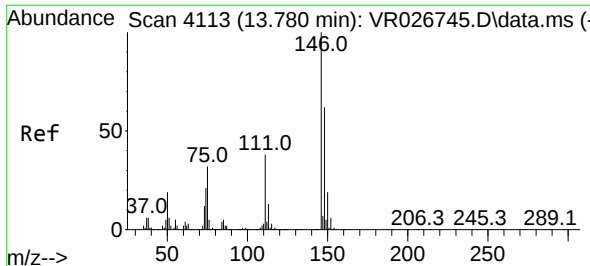
Ion Ratio Lower Upper

146 100

111 36.5 20.9 62.7

148 63.3 31.8 95.3

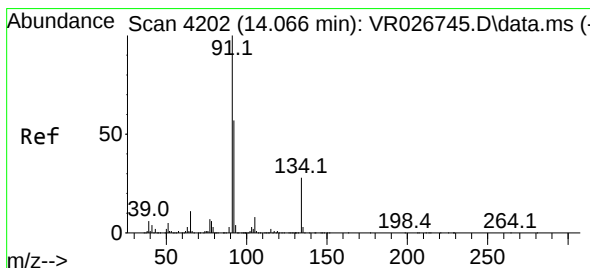
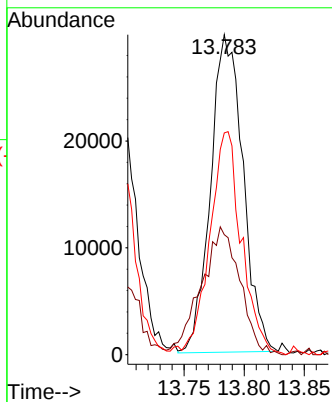
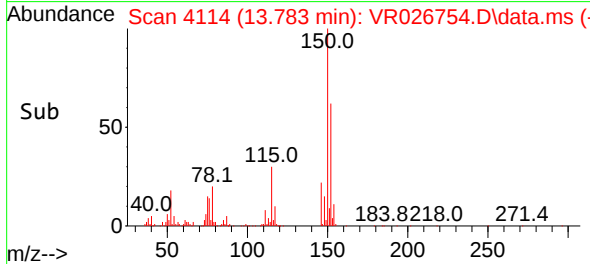
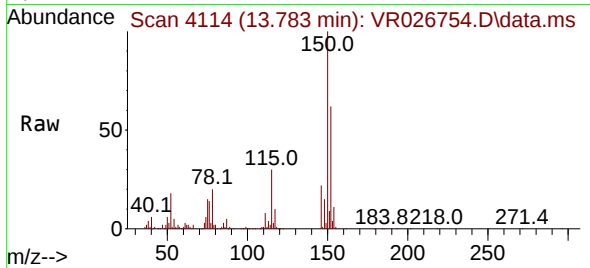




#87
1,4-Dichlorobenzene
Concen: 2.679 ug/l
RT: 13.783 min Scan# 4113
Delta R.T. 0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

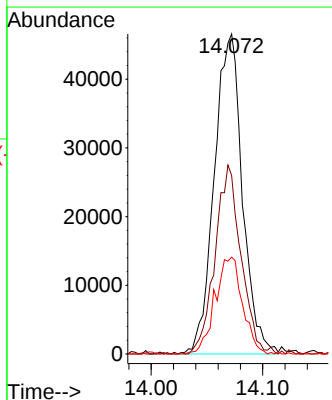
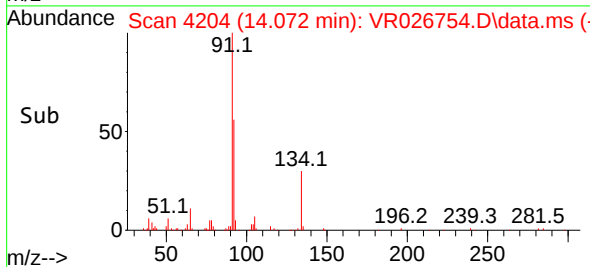
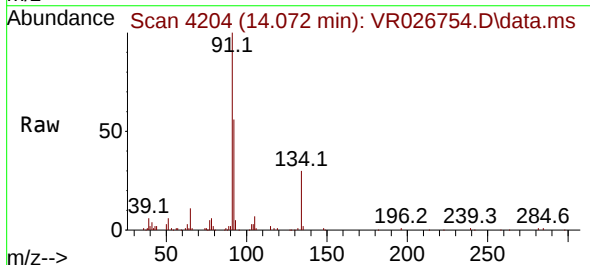
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

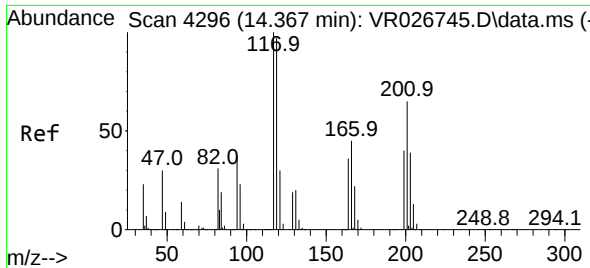
Tgt Ion:146 Resp: 55693
Ion Ratio Lower Upper
146 100
111 48.3 18.6 55.6
148 69.2 31.5 94.5



#88
n-Butylbenzene
Concen: 2.466 ug/l
RT: 14.072 min Scan# 4204
Delta R.T. 0.006 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion: 91 Resp: 81603
Ion Ratio Lower Upper
91 100
92 54.5 27.7 83.0
134 29.5 13.5 40.5

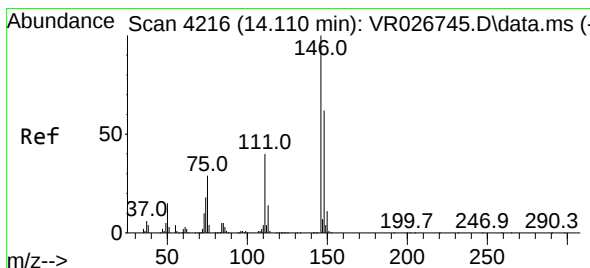
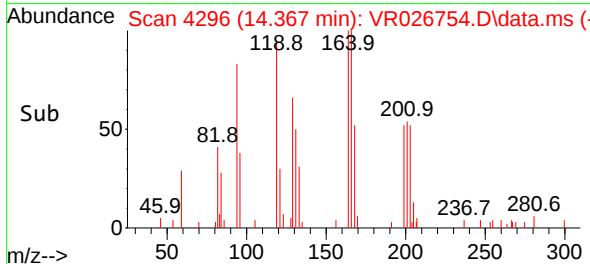
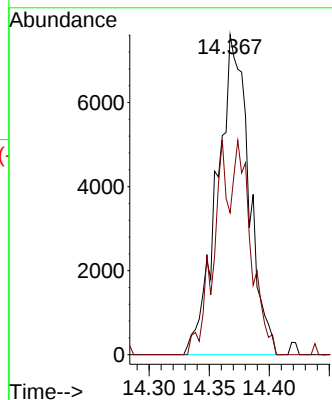
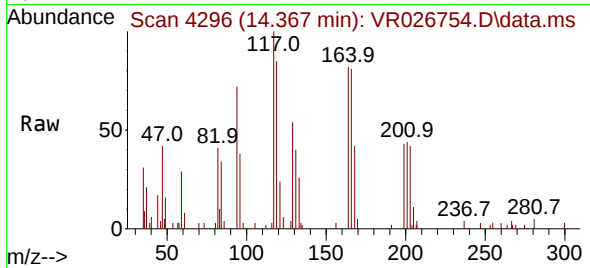




#89
Hexachloroethane
Concen: 1.858 ug/l
RT: 14.367 min Scan# 4296
Delta R.T. 0.000 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

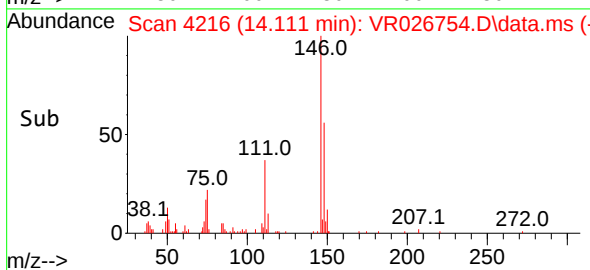
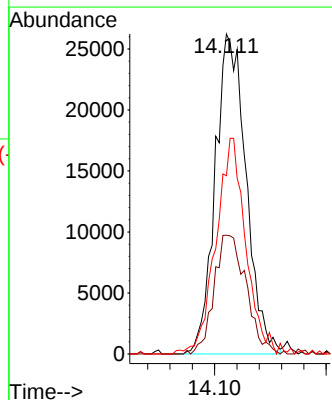
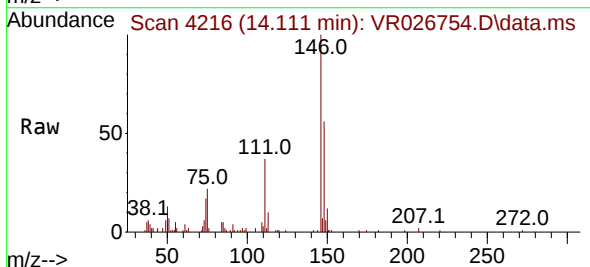
Instrument :
MSVOA_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

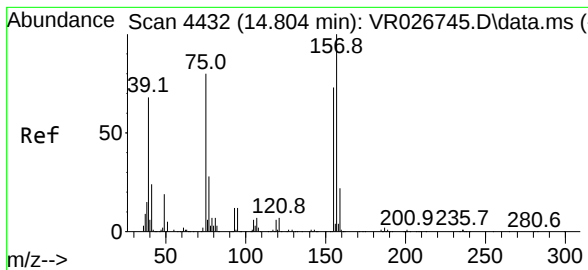
Tgt Ion:117 Resp: 13959
Ion Ratio Lower Upper
117 100
201 38.1 33.3 99.9



#90
1,2-Dichlorobenzene
Concen: 2.784 ug/l
RT: 14.111 min Scan# 4216
Delta R.T. 0.001 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion:146 Resp: 50456
Ion Ratio Lower Upper
146 100
111 38.6 19.9 59.7
148 64.8 31.5 94.5

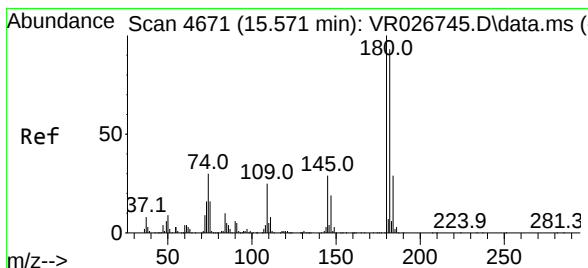
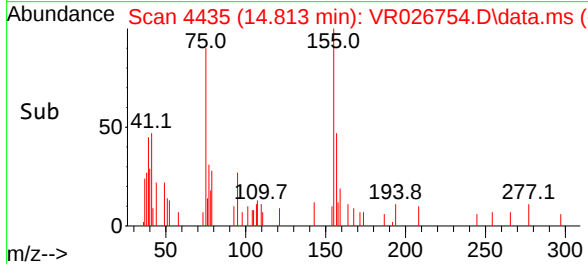
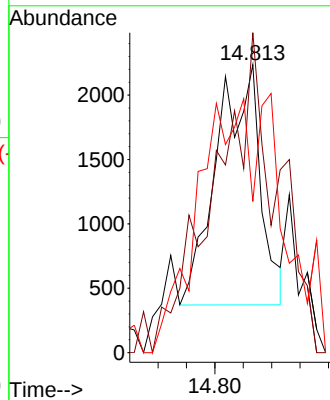
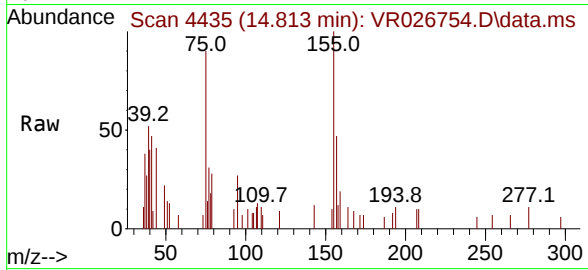




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 1.047 ug/l
 RT: 14.813 min Scan# 4435
 Delta R.T. 0.009 min
 Lab File: VR026754.D
 Acq: 21 Aug 2025 13:36

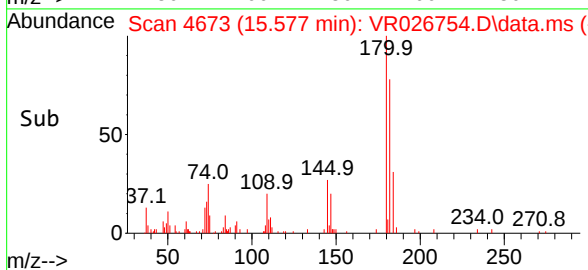
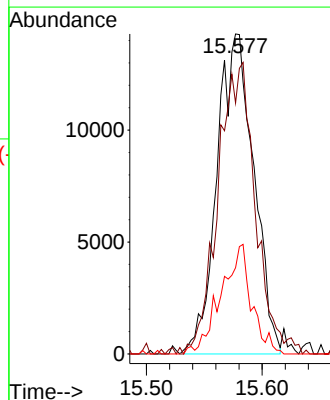
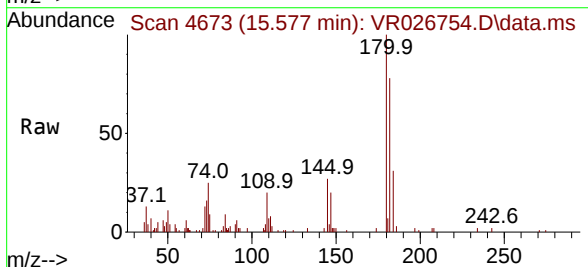
Instrument : MSVOA_R
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025

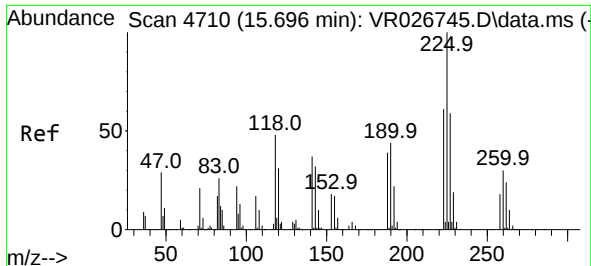
Tgt Ion: 75 Resp: 1973
 Ion Ratio Lower Upper
 75 100
 155 153.2 48.4 145.3#
 157 128.0 62.3 186.8



#92
 1,2,4-Trichlorobenzene
 Concen: 2.651 ug/l
 RT: 15.577 min Scan# 4673
 Delta R.T. 0.007 min
 Lab File: VR026754.D
 Acq: 21 Aug 2025 13:36

Tgt Ion:180 Resp: 31566
 Ion Ratio Lower Upper
 180 100
 182 92.6 47.1 141.4
 145 28.5 14.4 43.4

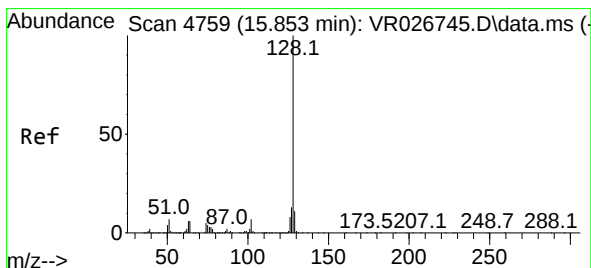
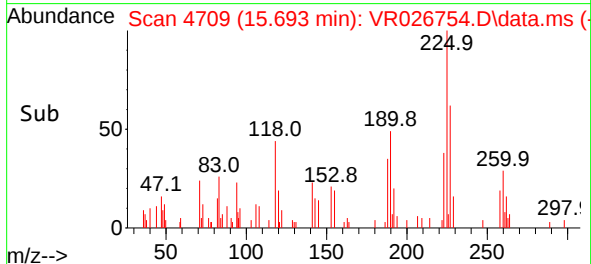
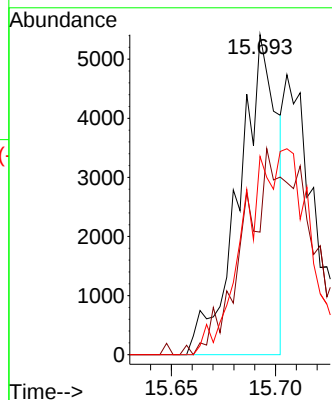
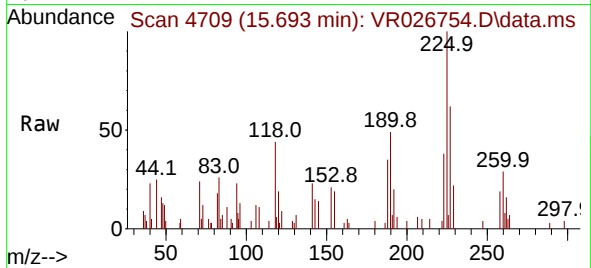




#93
Hexachlorobutadiene
Concen: 1.765 ug/l
RT: 15.693 min Scan# 4710
Delta R.T. -0.003 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

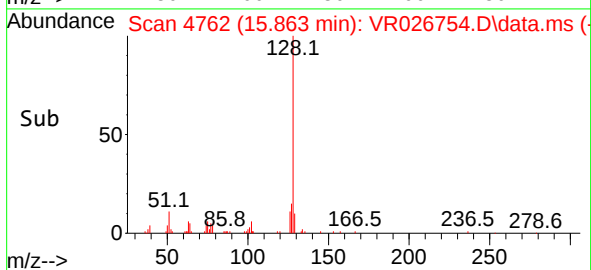
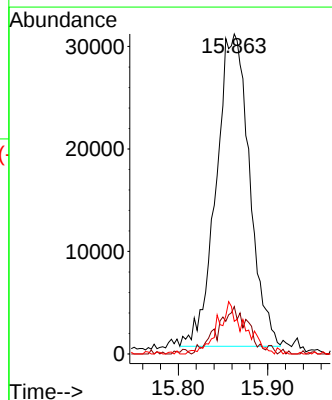
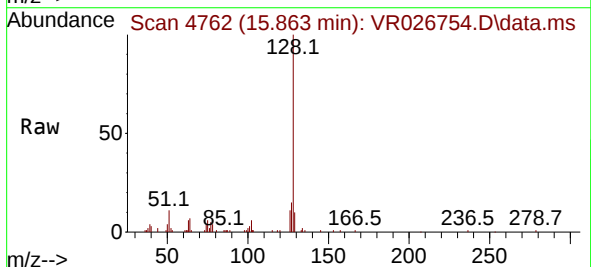
Instrument : MSVOA_R
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

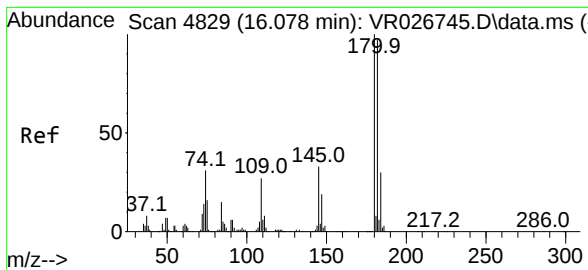
Tgt Ion:225 Resp: 6925
Ion Ratio Lower Upper
225 100
223 110.3 31.5 94.5#
227 111.1 31.3 93.8#



#94
Naphthalene
Concen: 2.312 ug/l
RT: 15.863 min Scan# 4762
Delta R.T. 0.010 min
Lab File: VR026754.D
Acq: 21 Aug 2025 13:36

Tgt Ion:128 Resp: 78727
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 13.5 8.7 13.1#





#95
 1,2,3-Trichlorobenzene
 Concen: 2.655 ug/l
 RT: 16.084 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VR026754.D
 Acq: 21 Aug 2025 13:36

Instrument : MSVOA_R
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	180	Resp:	30668
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.6
145	17.2	15.6	46.8

