

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081125\
 Data File : VV038940.D
 Acq On : 11 Aug 2025 12:59
 Operator : SY/MD
 Sample : Q2126-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 12 01:46:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 01:42:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	476779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	827623	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	771966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	360062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	371264	54.147	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 108.300%	
35) Dibromofluoromethane	4.497	113	318231	50.684	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 101.360%	
50) Toluene-d8	7.236	98	989607	45.509	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 91.020%	
62) 4-Bromofluorobenzene	10.001	95	317069	40.487	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 80.980%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	739	0.230	ug/l	83
3) Chloromethane	1.227	50	1233	0.403	ug/l #	72
4) Vinyl Chloride	1.294	62	821	0.218	ug/l	98
5) Bromomethane	1.503	94	1188	0.403	ug/l	95
6) Chloroethane	1.555	64	752	0.278	ug/l #	44
7) Trichlorofluoromethane	1.722	101	1656	0.222	ug/l #	76
8) Diethyl Ether	1.921	74	430	0.155	ug/l	68
9) 1,1,2-Trichlorotrifluo...	2.079	101	1168	0.245	ug/l #	62
10) Methyl Iodide	2.201	142	1234	0.272	ug/l #	81
11) Tert butyl alcohol	2.574	59	1268	1.093	ug/l #	77
12) 1,1-Dichloroethene	2.082	96	1088	0.276	ug/l	90
13) Acrolein	2.011	56	257	0.288	ug/l #	54
14) Allyl chloride	2.358	41	1239	0.180	ug/l #	47
15) Acrylonitrile	2.680	53	3312	1.082	ug/l #	85
16) Acetone	2.121	43	1191	0.484	ug/l #	75
17) Carbon Disulfide	2.249	76	1727	0.271	ug/l #	56
18) Methyl Acetate	2.391	43	1506	0.171	ug/l	99
19) Methyl tert-butyl Ether	2.715	73	2686	0.166	ug/l	92
20) Methylene Chloride	2.449	84	1497	0.264	ug/l #	81
21) trans-1,2-Dichloroethene	2.699	96	1018	0.238	ug/l #	93
22) Diisopropyl ether	3.233	45	2771	0.199	ug/l #	78
23) Vinyl Acetate	3.220	43	7923	0.765	ug/l	98
24) 1,1-Dichloroethane	3.124	63	2222	0.248	ug/l #	76
25) 2-Butanone	3.873	43	216	0.069	ug/l #	45
26) 2,2-Dichloropropane	3.809	77	1031	0.130	ug/l #	74
27) cis-1,2-Dichloroethene	3.831	96	592	0.115	ug/l	43
28) Bromochloromethane	4.149	49	302	0.101	ug/l #	7
29) Tetrahydrofuran	4.223	42	106	0.052	ug/l #	29
30) Chloroform	4.278	83	792	0.081	ug/l	90
31) Cyclohexane	4.593	56	11721	2.128	ug/l #	6
32) 1,1,1-Trichloroethane	4.513	97	1890	0.226	ug/l #	49
36) 1,1-Dichloropropene	4.596	75	37674	6.749	ug/l #	42
37) Ethyl Acetate	3.973	43	112	0.015	ug/l #	67
38) Carbon Tetrachloride	4.596	117	47650	6.462	ug/l #	18
39) Methylcyclohexane	6.030	83	590	0.097	ug/l #	67
40) Benzene	5.034	78	2487	0.135	ug/l #	64

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.175	41	40	0.013	ug/l #	1
42) 1,2-Dichloroethane	5.053	62	1023	0.143	ug/l #	73
43) Isopropyl Acetate	5.198	43	95	0.009	ug/l #	58
44) Trichloroethene	5.844	130	413	0.084	ug/l	29
45) 1,2-Dichloropropane	6.091	63	310	0.060	ug/l #	43
46) Dibromomethane	6.252	93	535	0.140	ug/l #	74
47) Bromodichloromethane	6.439	83	631	0.075	ug/l #	89
48) Methyl methacrylate	6.300	41	39	0.009	ug/l #	48
49) 1,4-Dioxane	6.317	88	20	0.211	ug/l #	1
51) 4-Methyl-2-Pentanone	7.175	43	3662	0.515	ug/l	95
52) Toluene	7.320	92	2030	0.175	ug/l	97
53) t-1,3-Dichloropropene	7.622	75	884	0.119	ug/l	100
54) cis-1,3-Dichloropropene	6.982	75	910	0.113	ug/l #	75
55) 1,1,2-Trichloroethane	7.751	97	75	0.013	ug/l #	30
56) Ethyl methacrylate	7.783	69	295	0.044	ug/l #	28
57) 1,3-Dichloropropane	7.966	76	1276	0.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.030	63	179	0.054	ug/l	93
59) 2-Hexanone	8.217	43	459	0.089	ug/l	82
60) Dibromochloromethane	8.178	129	1162	0.167	ug/l	85
61) 1,2-Dibromoethane	8.294	107	414	0.073	ug/l #	21
64) Tetrachloroethene	7.915	164	1330	0.294	ug/l #	76
65) Chlorobenzene	8.805	112	3239	0.215	ug/l	89
66) 1,1,1,2-Tetrachloroethane	8.898	131	1287	0.217	ug/l #	54
67) Ethyl Benzene	8.956	91	2985	0.135	ug/l #	84
68) m/p-Xylenes	9.082	106	2492	0.292	ug/l	99
69) o-Xylene	9.484	106	1310	0.163	ug/l	93
70) Styrene	9.532	104	1202	0.083	ug/l	91
71) Bromoform	9.664	173	1629	0.327	ug/l #	74
73) Isopropylbenzene	9.863	105	3048	0.162	ug/l	86
74) N-amyl acetate	9.770	43	352	0.053	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	10.178	83	1548	0.193	ug/l	96
76) 1,2,3-Trichloropropane	10.001	75	159443	27.102	ug/l #	54
77) Bromobenzene	10.156	156	1085	0.215	ug/l #	52
78) n-propylbenzene	10.294	91	4196	0.189	ug/l #	74
79) 2-Chlorotoluene	10.368	91	3474	0.255	ug/l	84
80) 1,3,5-Trimethylbenzene	10.484	105	2459	0.155	ug/l	81
81) trans-1,4-Dichloro-2-b...	10.001	75	159443	67.855	ug/l #	14
82) 4-Chlorotoluene	10.490	91	2336	0.147	ug/l	81
83) tert-Butylbenzene	10.792	119	3321	0.197	ug/l	97
84) 1,2,4-Trimethylbenzene	10.853	105	2773	0.176	ug/l	67
85) sec-Butylbenzene	11.017	105	3521	0.165	ug/l	97
86) p-Isopropyltoluene	11.181	119	3528	0.190	ug/l #	49
87) 1,3-Dichlorobenzene	11.123	146	2552	0.242	ug/l	93
88) 1,4-Dichlorobenzene	11.123	146	2552	0.222	ug/l	94
89) n-Butylbenzene	11.599	91	2509	0.146	ug/l	97
90) Hexachloroethane	11.818	117	998	0.228	ug/l	91
91) 1,2-Dichlorobenzene	11.583	146	1176	0.118	ug/l #	66
92) 1,2-Dibromo-3-Chloropr...	12.365	75	159	0.091	ug/l #	2
93) 1,2,4-Trichlorobenzene	13.217	180	1217	0.194	ug/l	94
94) Hexachlorobutadiene	13.371	225	851	0.256	ug/l	90
95) Naphthalene	13.451	128	1484	0.075	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.683	180	1619	0.252	ug/l	73

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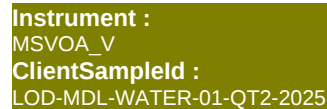
Quant Time: Aug 12 01:46:47 2025
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QLast Update : Tue Aug 12 01:42:16 2025
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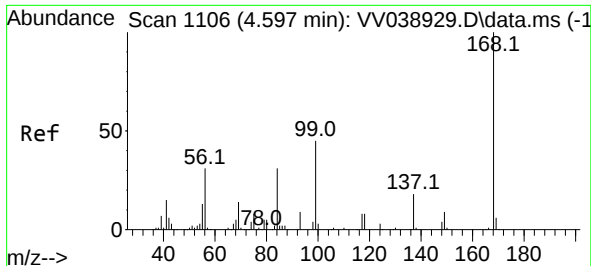
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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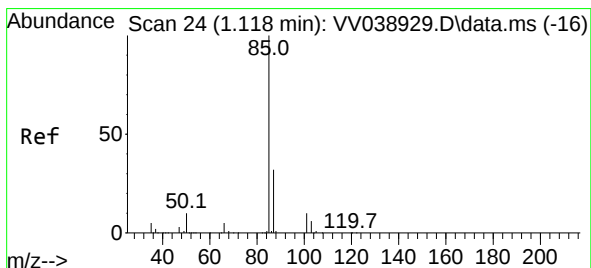
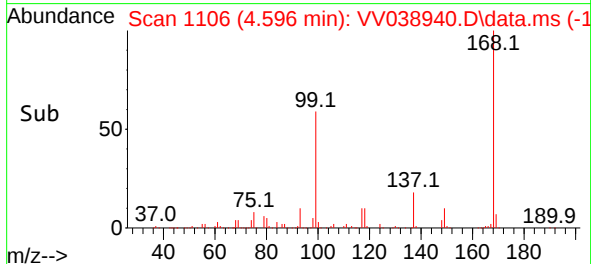
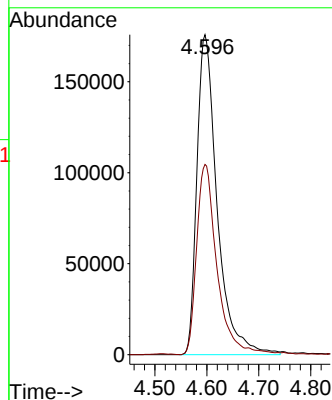
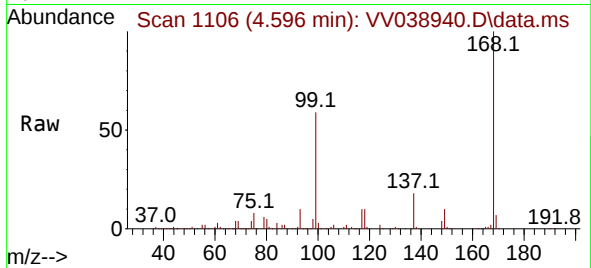




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.001 min
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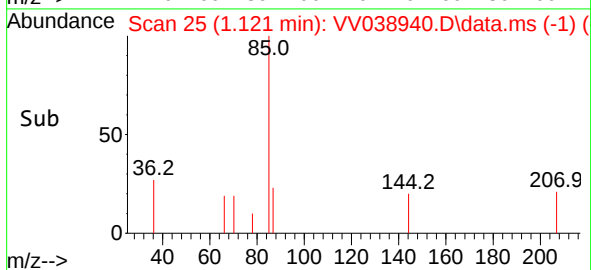
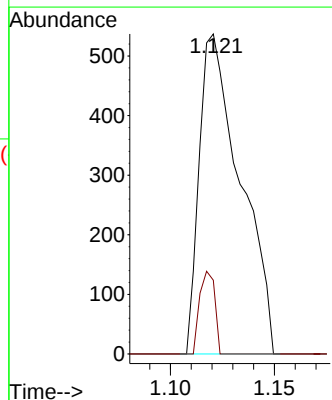
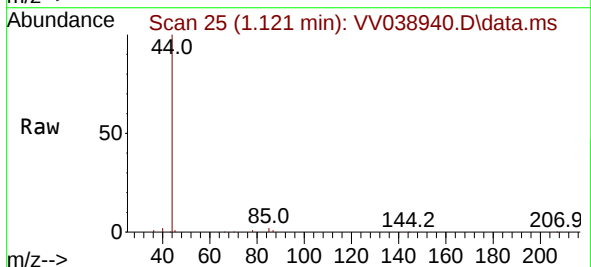
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ClientSampleId :
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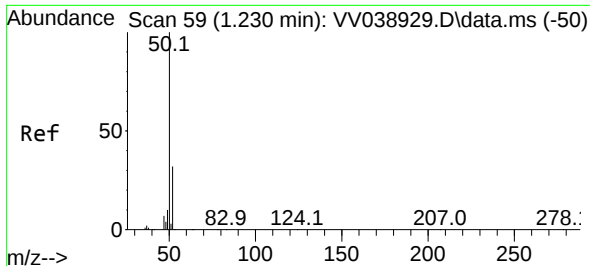
Tgt Ion:168 Resp: 476779
Ion Ratio Lower Upper
168 100
99 59.5 47.3 70.9



#2
Dichlorodifluoromethane
Concen: 0.230 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.003 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 85 Resp: 739
Ion Ratio Lower Upper
85 100
87 23.1 16.2 48.6

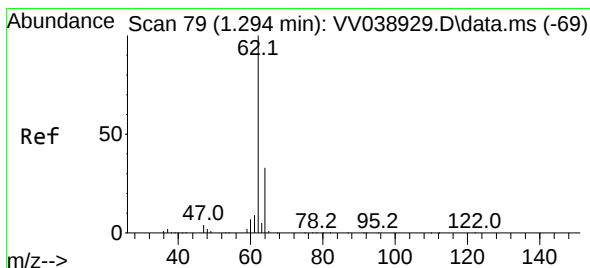
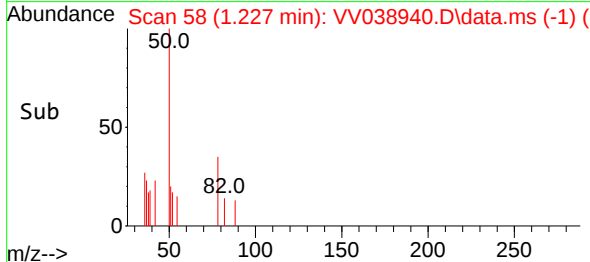
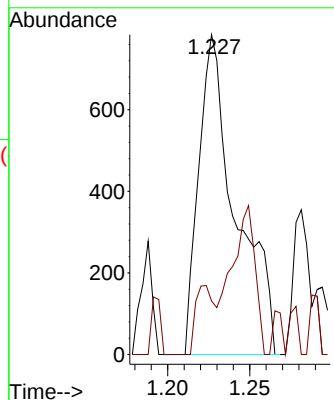
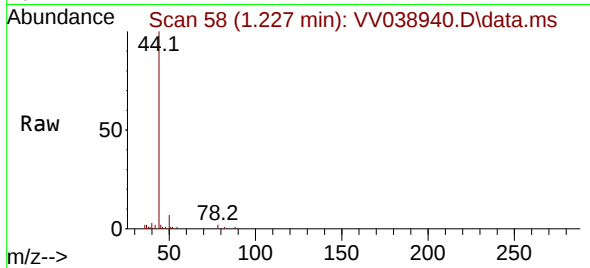




#3
Chloromethane
Concen: 0.403 ug/l
RT: 1.227 min Scan# 58
Delta R.T. -0.003 min
Lab File: VV038940.D
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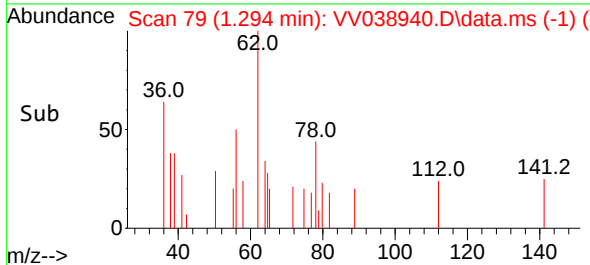
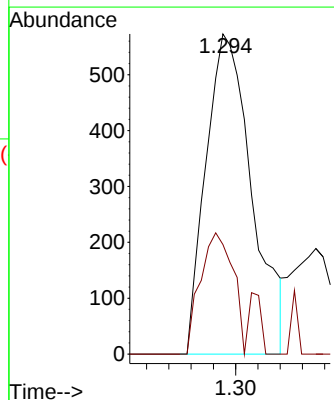
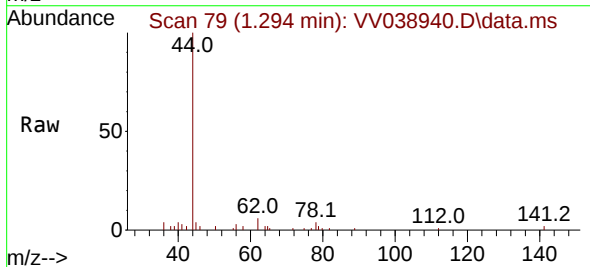
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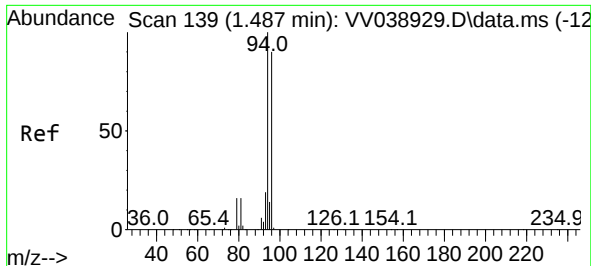
Tgt Ion: 50 Resp: 1233
Ion Ratio Lower Upper
50 100
52 16.7 25.9 38.9#



#4
Vinyl Chloride
Concen: 0.218 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038940.D
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Tgt Ion: 62 Resp: 821
Ion Ratio Lower Upper
62 100
64 34.2 26.6 40.0

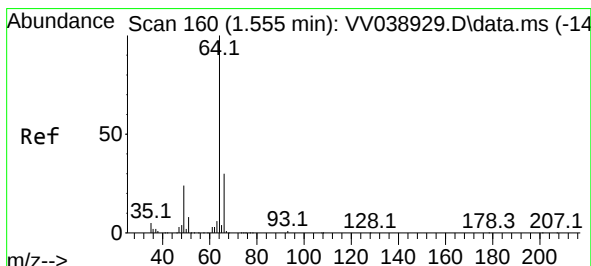
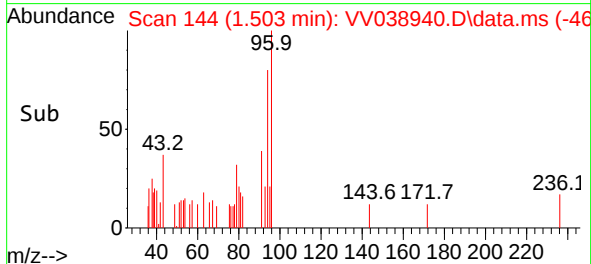
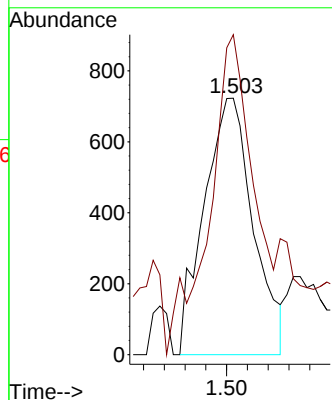
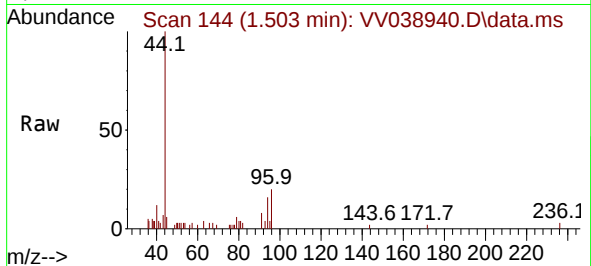




#5
Bromomethane
Concen: 0.403 ug/l
RT: 1.503 min Scan# 14
Delta R.T. 0.016 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

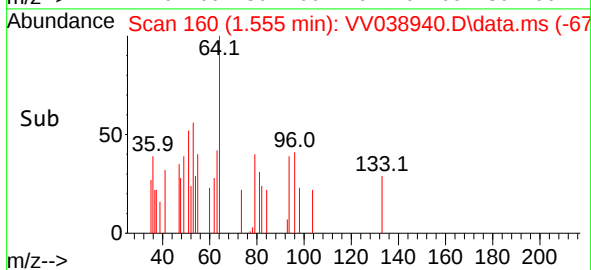
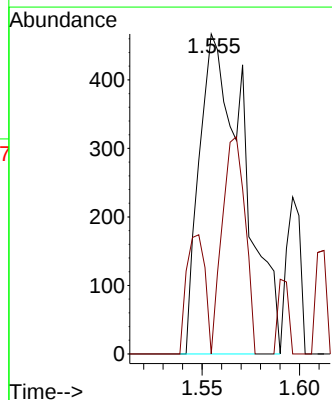
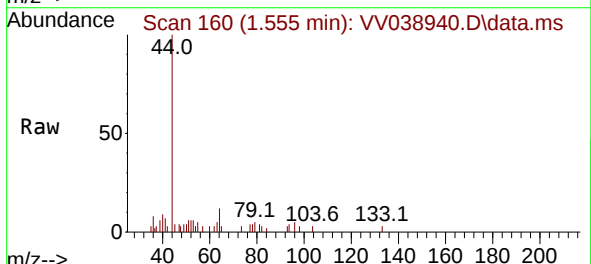
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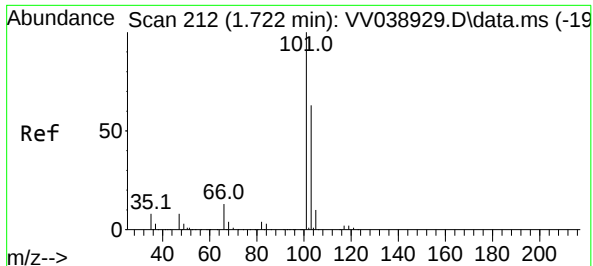
Tgt Ion: 94 Resp: 1188
Ion Ratio Lower Upper
94 100
96 94.7 71.8 107.8



#6
Chloroethane
Concen: 0.278 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV038940.D
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Tgt Ion: 64 Resp: 752
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#

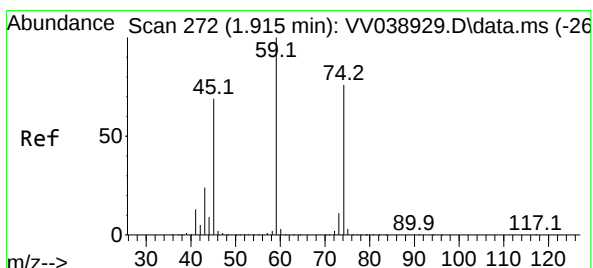
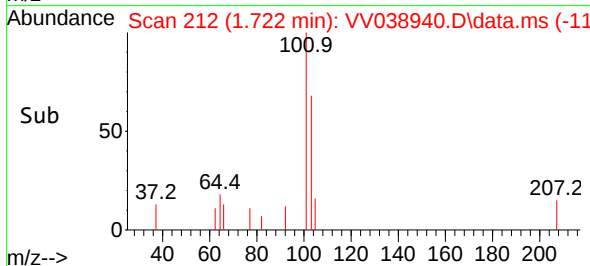
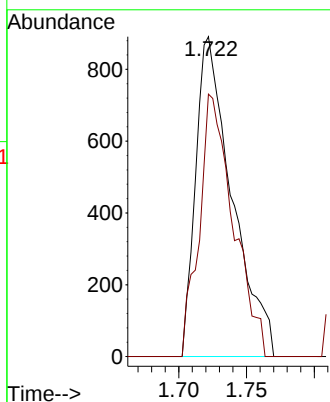
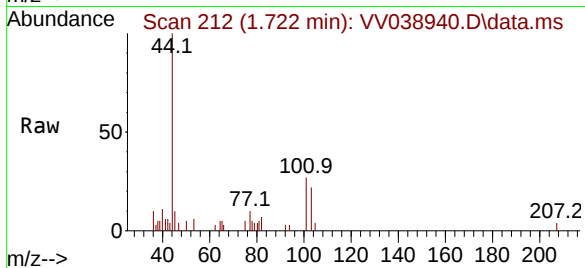




#7
 Trichlorofluoromethane
 Concen: 0.222 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VV038940.D
 Acq: 11 Aug 2025 12:59

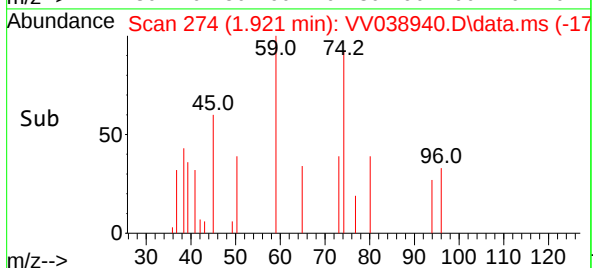
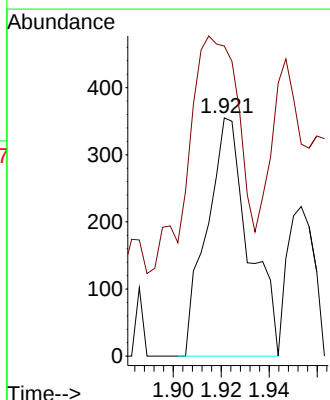
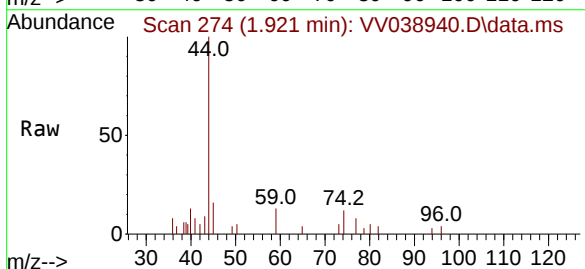
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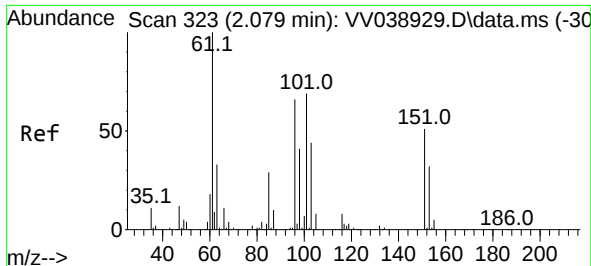
Tgt Ion:101 Resp: 1656
 Ion Ratio Lower Upper
 101 100
 103 82.0 50.8 76.2#



#8
 Diethyl Ether
 Concen: 0.155 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.006 min
 Lab File: VV038940.D
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Tgt Ion: 74 Resp: 430
 Ion Ratio Lower Upper
 74 100
 45 120.0 44.8 134.4

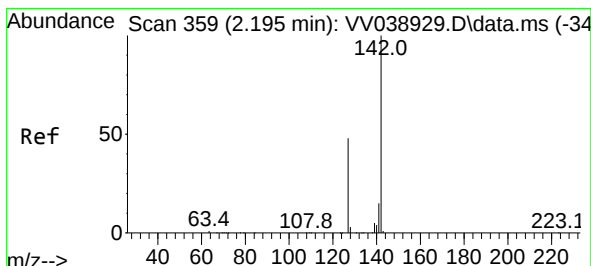
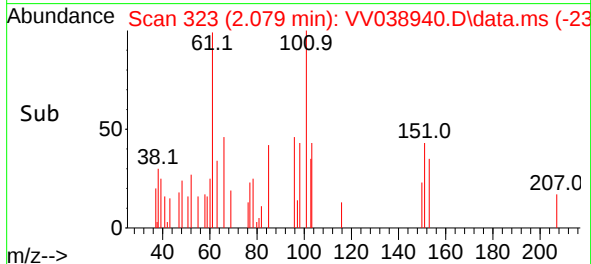
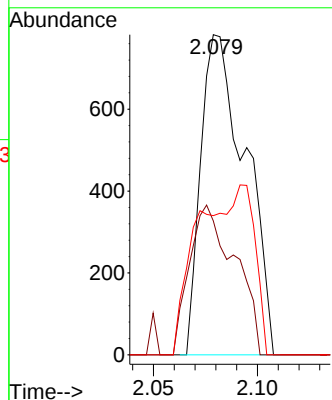
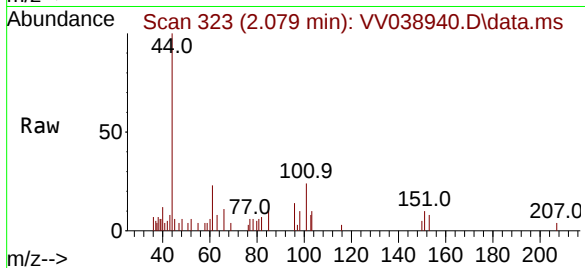




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.245 ug/l
RT: 2.079 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

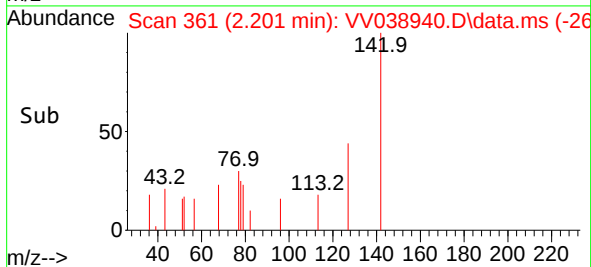
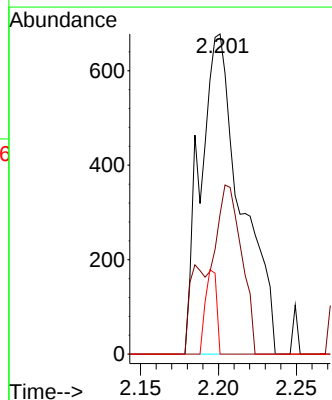
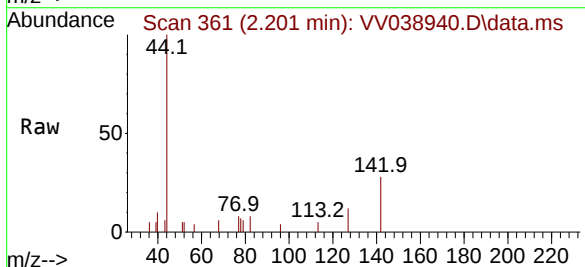
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

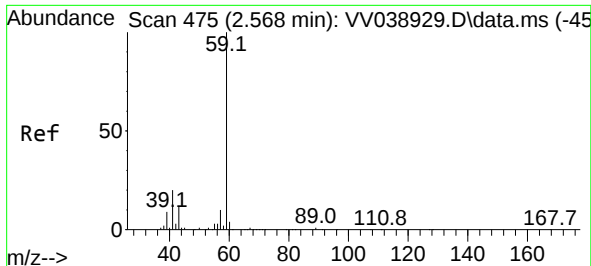
Tgt Ion:101 Resp: 1168
Ion Ratio Lower Upper
101 100
85 47.8 35.1 52.7
151 28.0 60.6 91.0#



#10
Methyl Iodide
Concen: 0.272 ug/l
RT: 2.201 min Scan# 361
Delta R.T. 0.006 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion:142 Resp: 1234
Ion Ratio Lower Upper
142 100
127 34.8 38.2 57.2#
141 7.2 11.6 17.4#

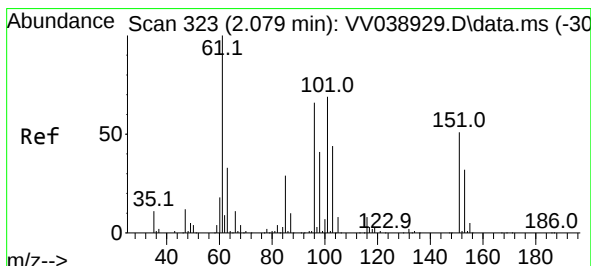
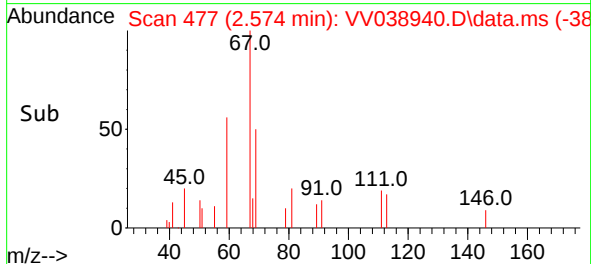
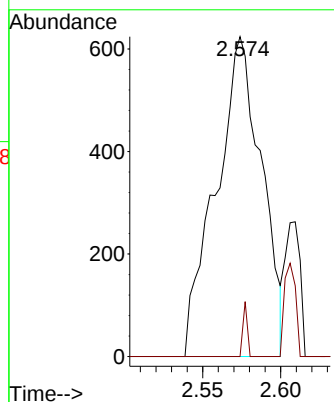
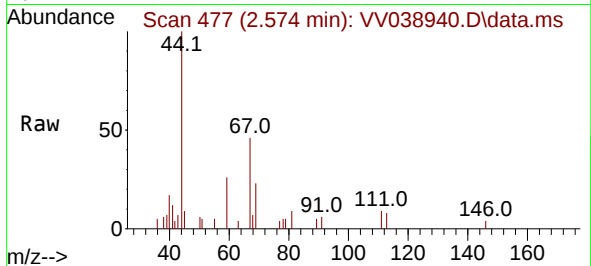




#11
Tert butyl alcohol
Concen: 1.093 ug/l
RT: 2.574 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

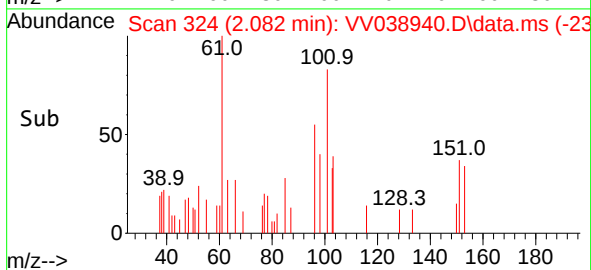
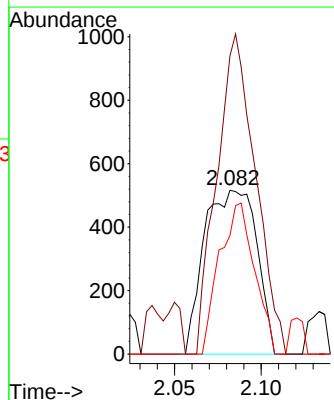
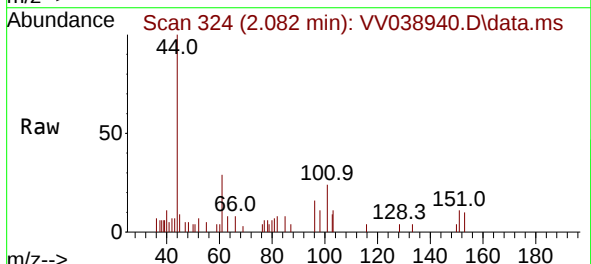
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

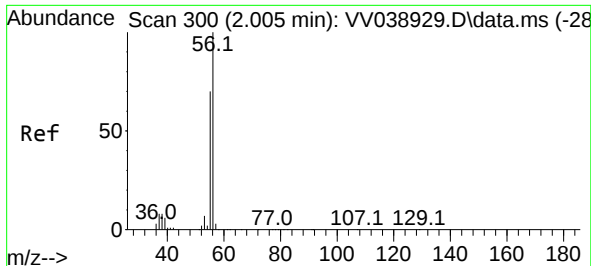
Tgt Ion: 59 Resp: 1268
Ion Ratio Lower Upper
59 100
57 1.7 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 0.276 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 96 Resp: 1088
Ion Ratio Lower Upper
96 100
61 162.4 121.0 181.4
98 72.5 49.4 74.2





#13

Acrolein

Concen: 0.288 ug/l

RT: 2.011 min Scan# 300

Delta R.T. 0.006 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

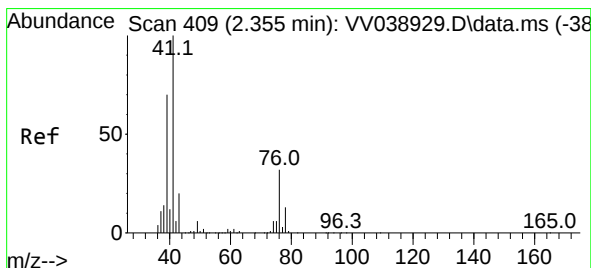
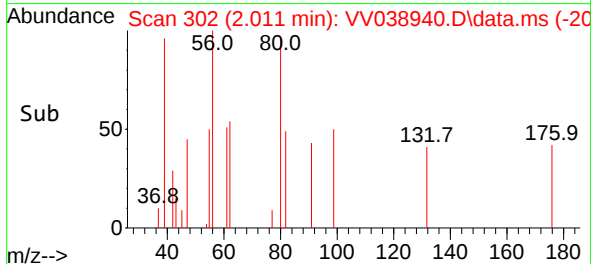
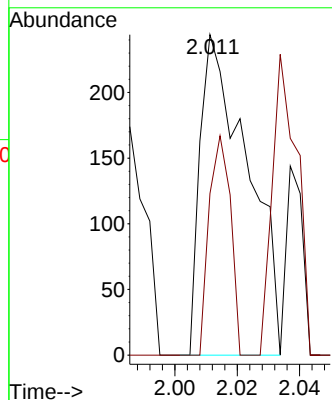
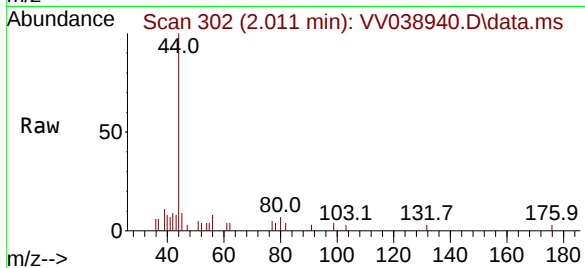
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 56 Resp: 257

Ion Ratio Lower Upper

56 100

55 31.1 55.1 82.7#



#14

Allyl chloride

Concen: 0.180 ug/l

RT: 2.358 min Scan# 410

Delta R.T. 0.003 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

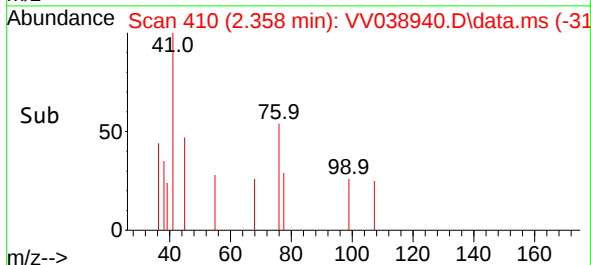
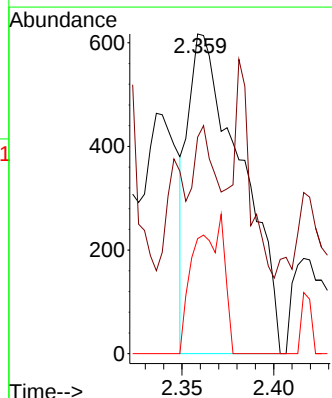
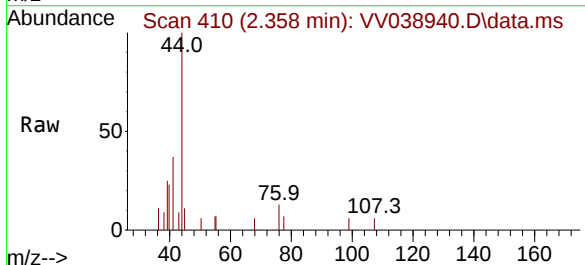
Tgt Ion: 41 Resp: 1239

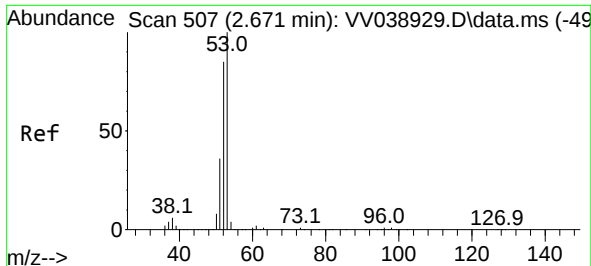
Ion Ratio Lower Upper

41 100

39 25.8 49.9 74.9#

76 0.0 29.7 44.5#

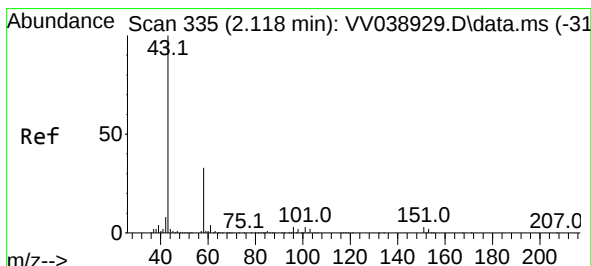
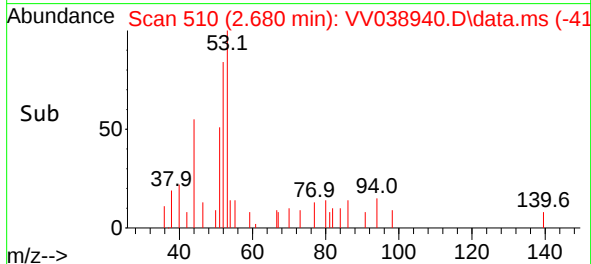
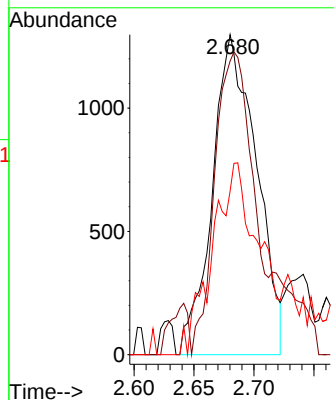
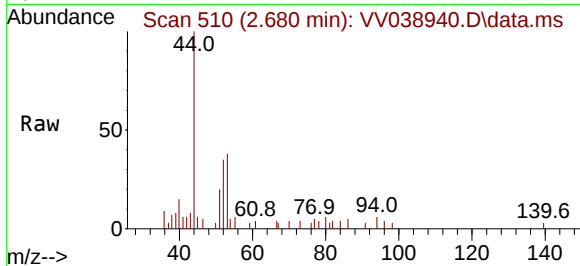




#15
Acrylonitrile
Concen: 1.082 ug/l
RT: 2.680 min Scan# 510
Delta R.T. 0.009 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

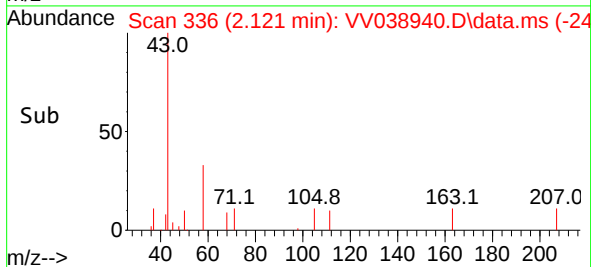
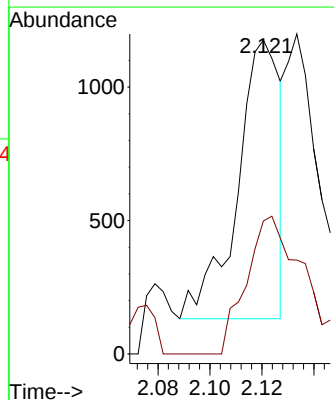
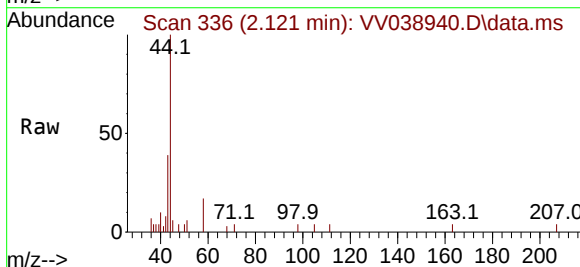
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

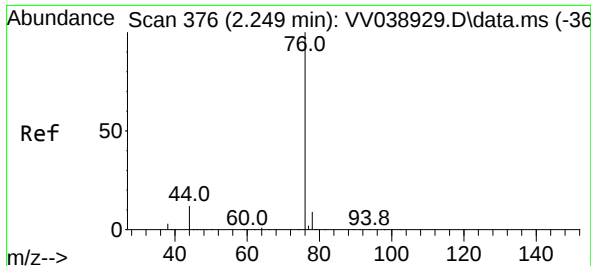
Tgt Ion: 53	Resp:	3312
Ion	Ratio	Lower Upper
53	100	
52	81.4	66.4 99.6
51	63.3	28.6 43.0#



#16
Acetone
Concen: 0.484 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 43	Resp:	1191
Ion	Ratio	Lower Upper
43	100	
58	47.7	26.8 40.2#

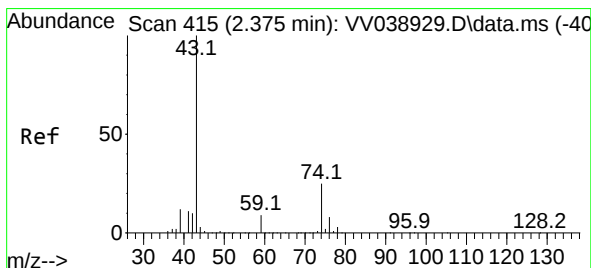
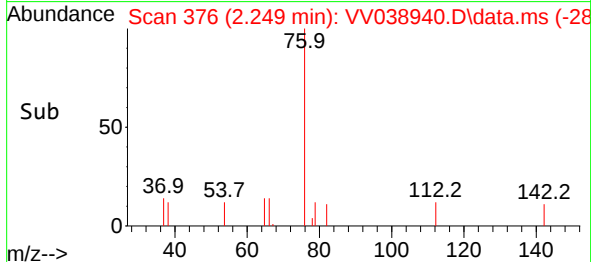
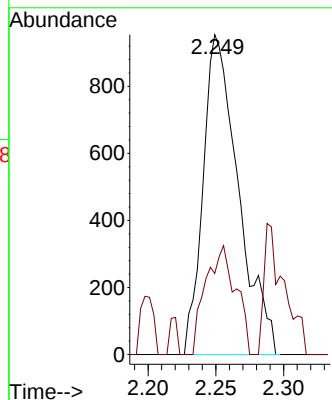
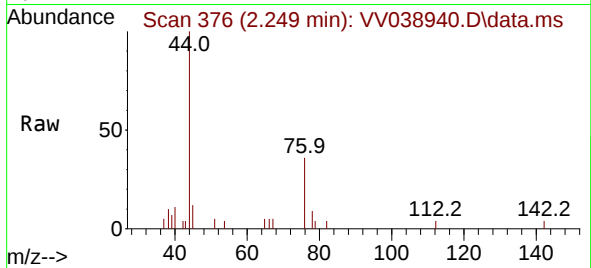




#17
Carbon Disulfide
Concen: 0.271 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

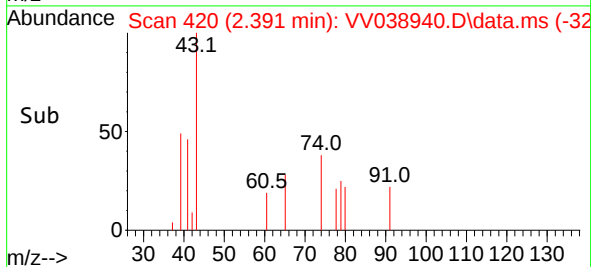
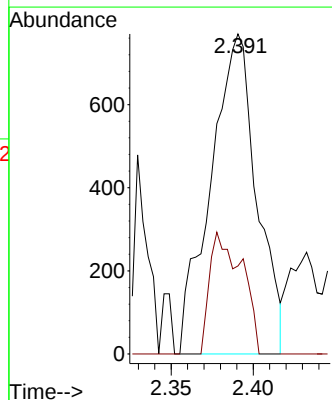
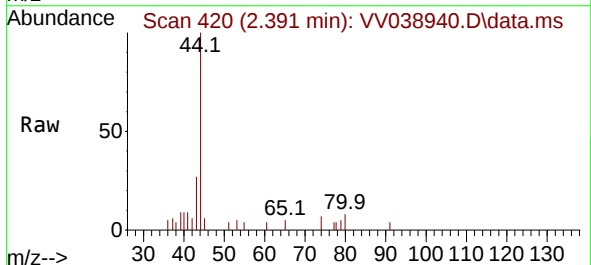
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

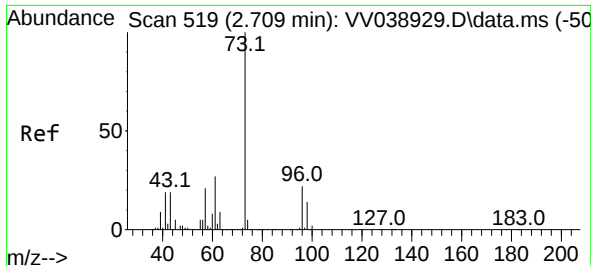
Tgt Ion: 76 Resp: 1727
Ion Ratio Lower Upper
76 100
78 25.4 7.4 11.2#



#18
Methyl Acetate
Concen: 0.171 ug/l
RT: 2.391 min Scan# 420
Delta R.T. 0.016 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 43 Resp: 1506
Ion Ratio Lower Upper
43 100
74 26.4 20.6 30.8

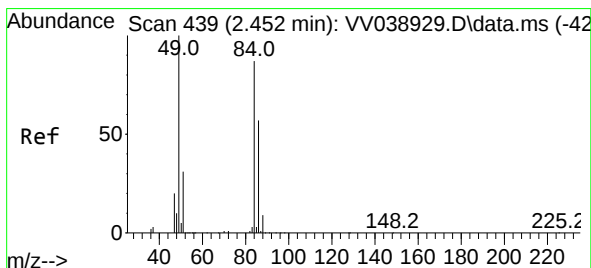
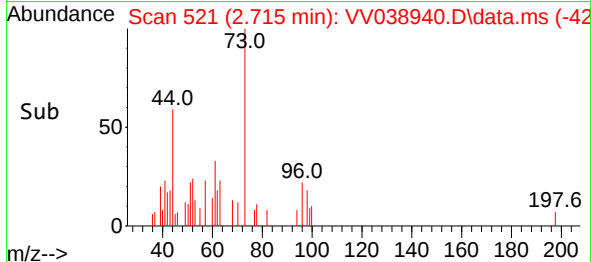
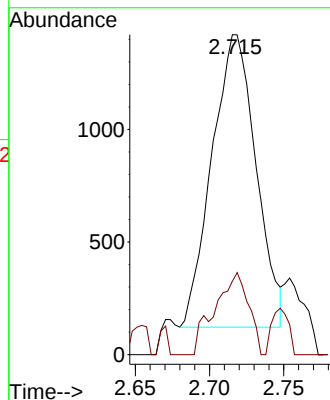
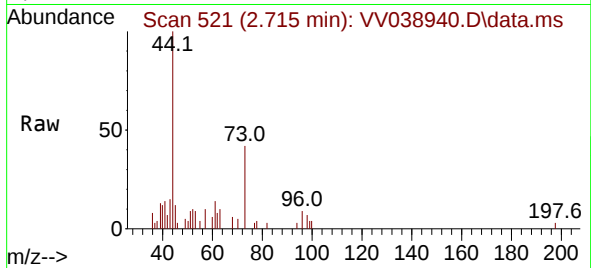




#19
Methyl tert-butyl Ether
Concen: 0.166 ug/l
RT: 2.715 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

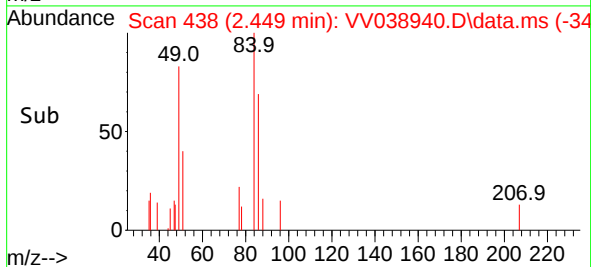
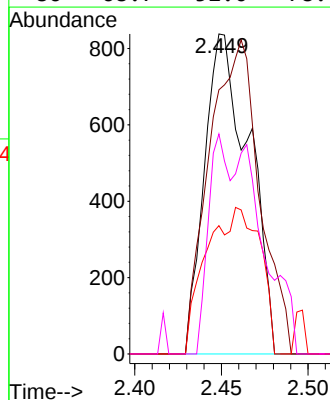
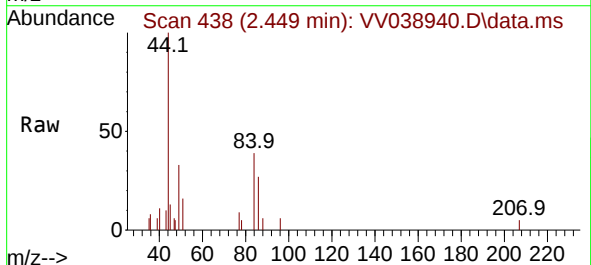
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

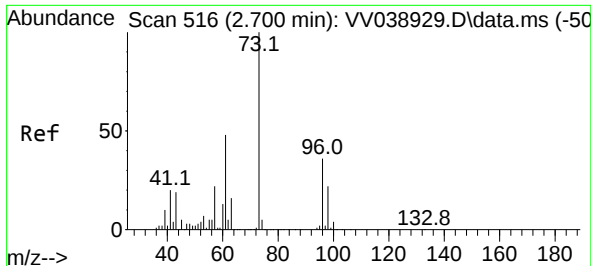
Tgt Ion: 73 Resp: 2686
Ion Ratio Lower Upper
73 100
57 25.1 17.0 25.6



#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 84 Resp: 1497
Ion Ratio Lower Upper
84 100
49 82.6 91.7 137.5#
51 40.1 28.3 42.5
86 68.7 52.0 78.0

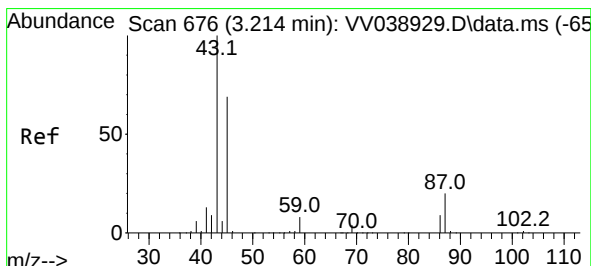
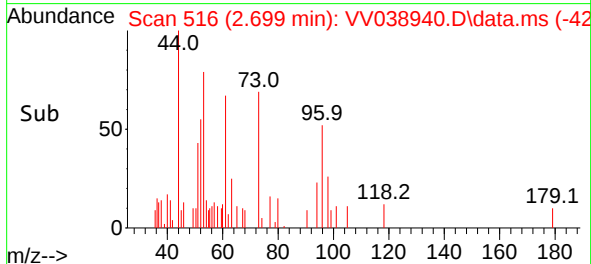
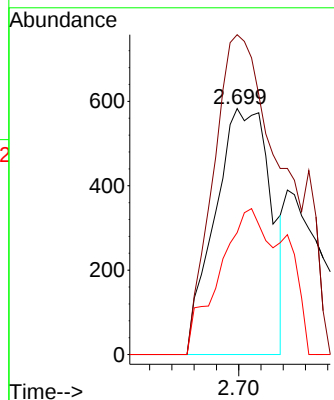
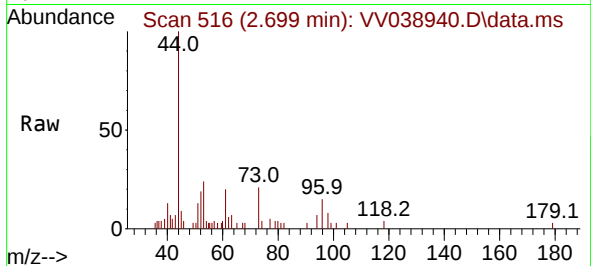




#21
trans-1,2-Dichloroethene
Concen: 0.238 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

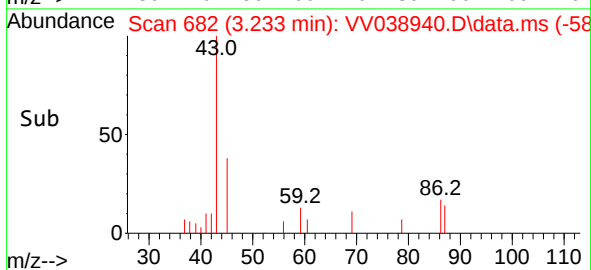
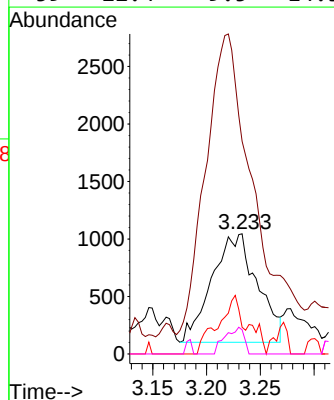
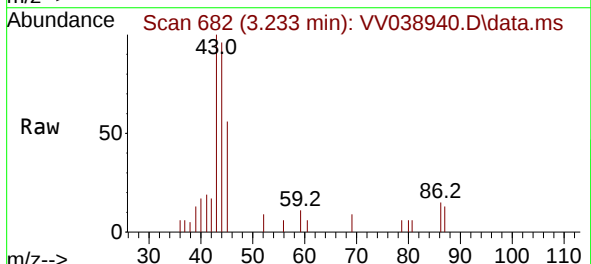
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

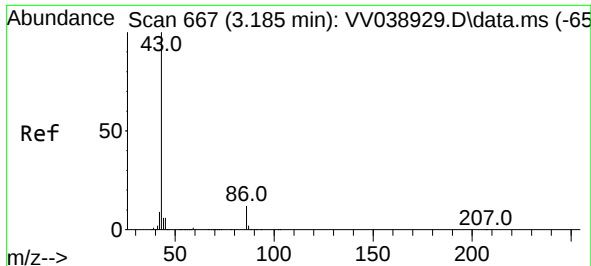
Tgt Ion: 96 Resp: 1018
Ion Ratio Lower Upper
96 100
61 130.0 106.2 159.4
98 49.6 49.8 74.8#



#22
Diisopropyl ether
Concen: 0.199 ug/l
RT: 3.233 min Scan# 682
Delta R.T. 0.019 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 45 Resp: 2771
Ion Ratio Lower Upper
45 100
43 174.7 115.3 172.9#
87 24.7 23.8 35.6
59 22.4 9.5 14.3#

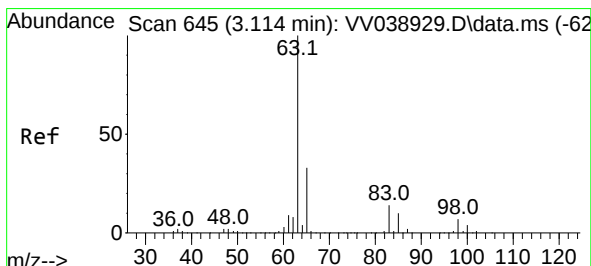
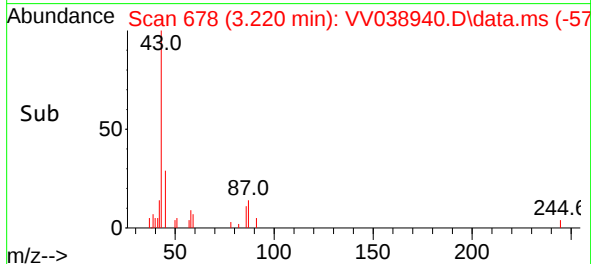
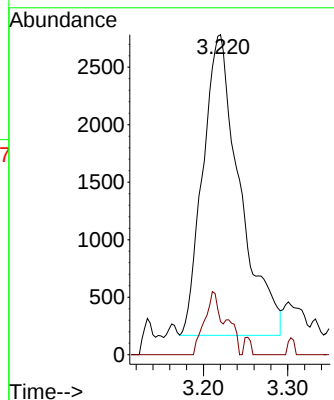
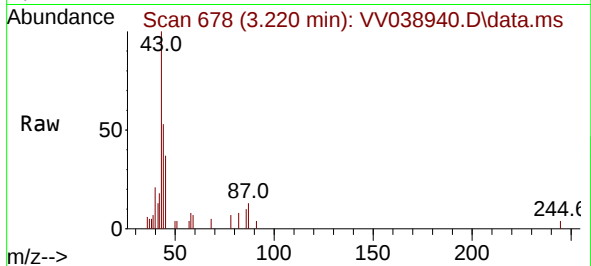




#23
 Vinyl Acetate
 Concen: 0.765 ug/l
 RT: 3.220 min Scan# 61
 Delta R.T. 0.035 min
 Lab File: VV038940.D
 Acq: 11 Aug 2025 12:59

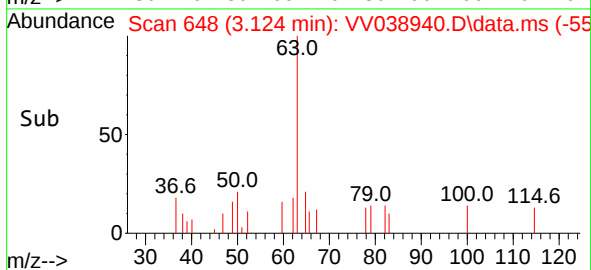
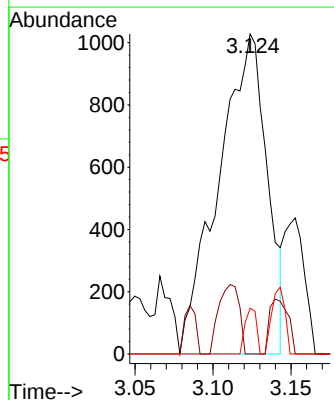
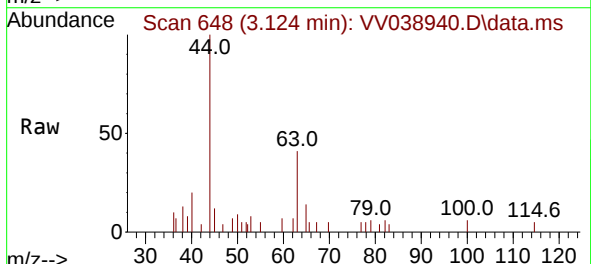
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

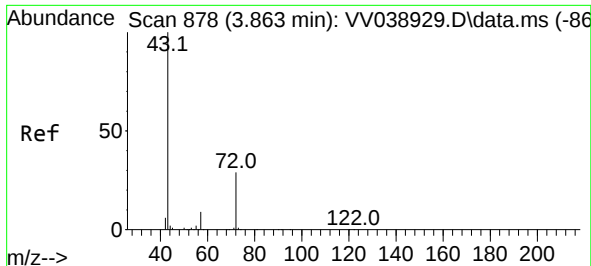
Tgt Ion: 43 Resp: 7923
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 0.248 ug/l
 RT: 3.124 min Scan# 648
 Delta R.T. 0.009 min
 Lab File: VV038940.D
 Acq: 11 Aug 2025 12:59

Tgt Ion: 63 Resp: 2222
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 14.3 2.2 6.6#

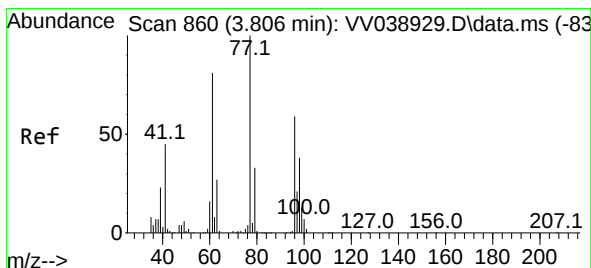
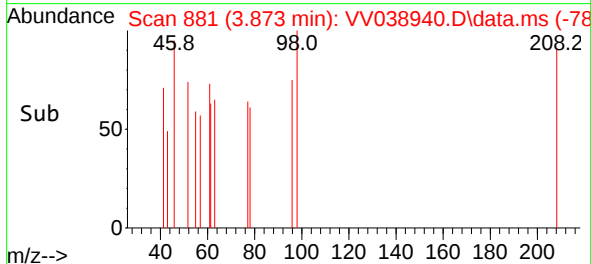
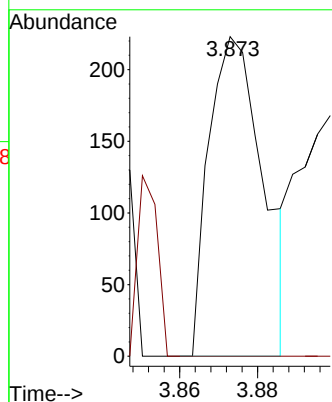
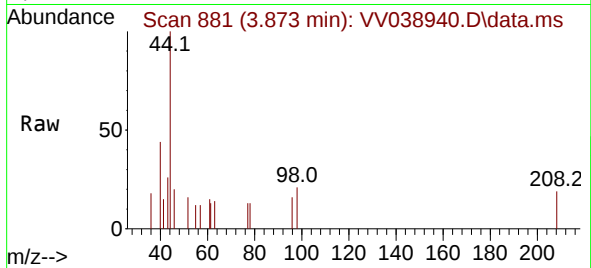




#25
2-Butanone
Concen: 0.069 ug/l
RT: 3.873 min Scan# 81
Delta R.T. 0.009 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

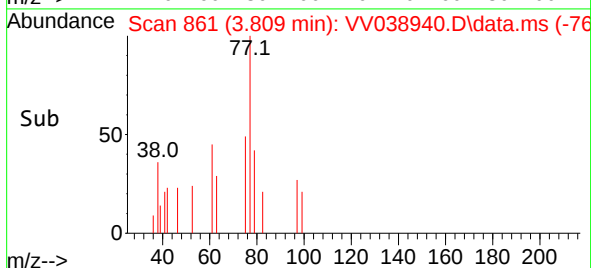
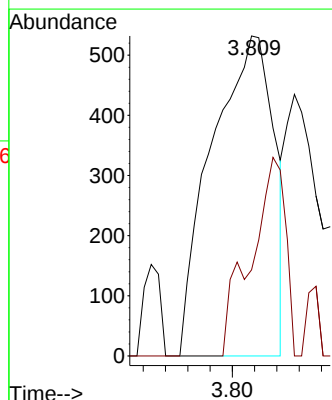
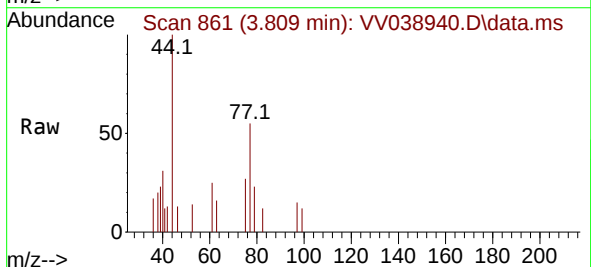
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

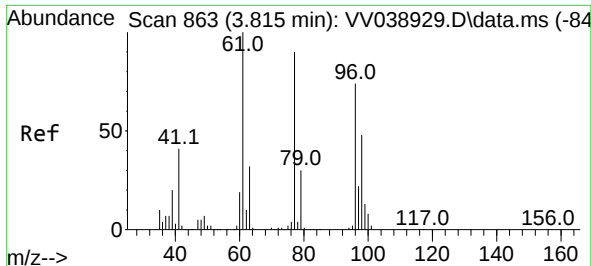
Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
72 0.0 23.5 35.3#



#26
2,2-Dichloropropane
Concen: 0.130 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 77 Resp: 1031
Ion Ratio Lower Upper
77 100
97 34.5 11.1 33.3#





#27

cis-1,2-Dichloroethene

Concen: 0.115 ug/l

RT: 3.831 min Scan# 863

Delta R.T. 0.016 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

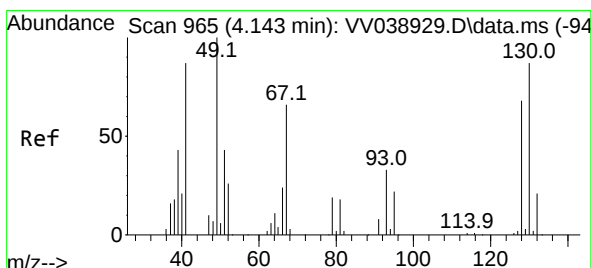
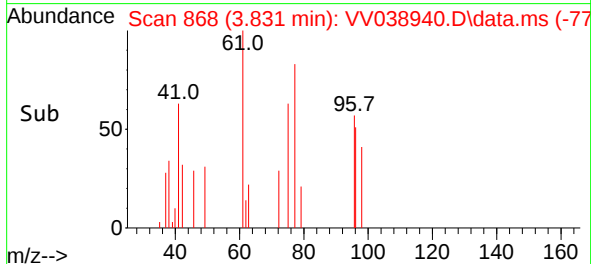
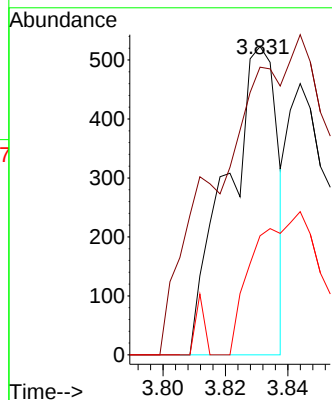
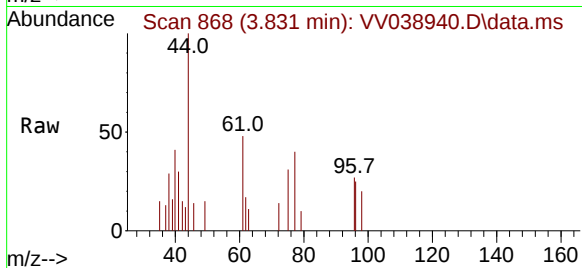
Tgt Ion: 96 Resp: 592

Ion Ratio Lower Upper

96 100

61 233.8 0.0 270.4

98 66.9 0.0 128.0



#28

Bromochloromethane

Concen: 0.101 ug/l

RT: 4.149 min Scan# 967

Delta R.T. 0.006 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

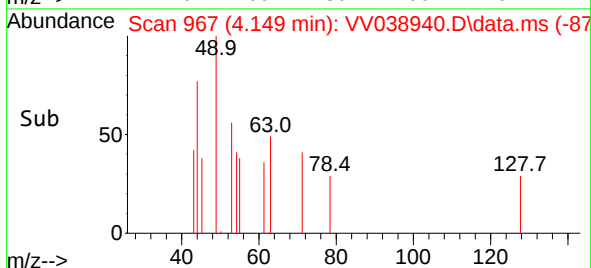
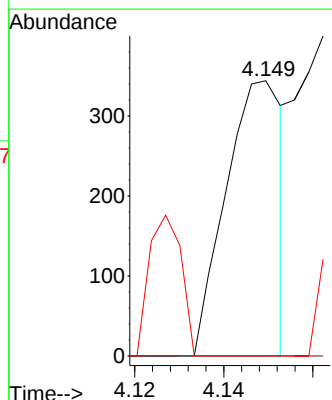
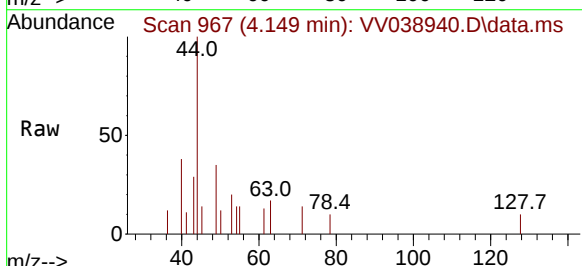
Tgt Ion: 49 Resp: 302

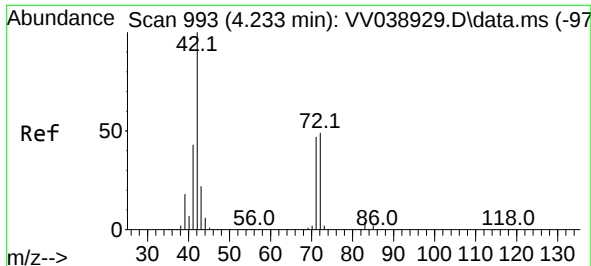
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

130 0.0 70.9 106.3#





#29

Tetrahydrofuran

Concen: 0.052 ug/l

RT: 4.223 min Scan# 993

Delta R.T. -0.010 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

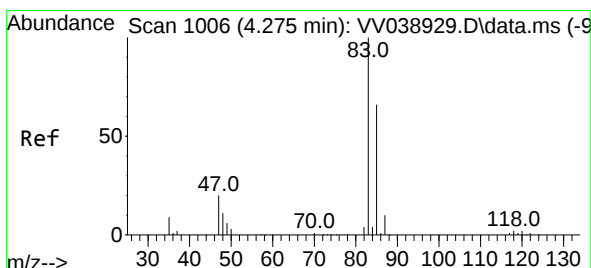
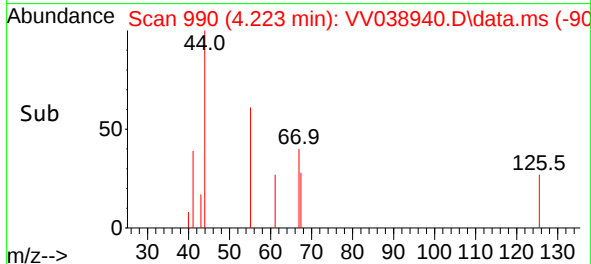
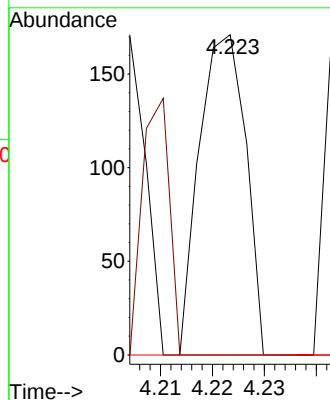
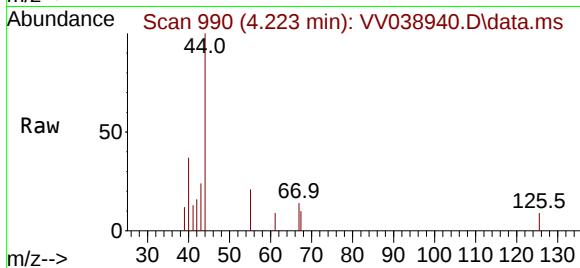
Tgt Ion: 42 Resp: 106

Ion Ratio Lower Upper

42 100

72 0.0 39.9 59.9#

71 0.0 37.4 56.0#



#30

Chloroform

Concen: 0.081 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV038940.D

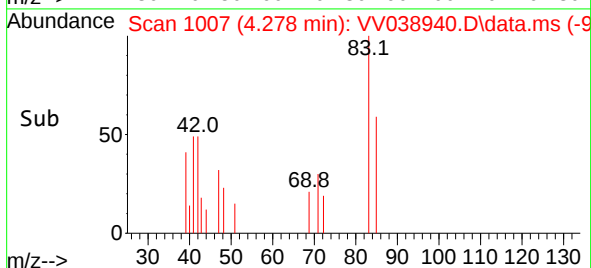
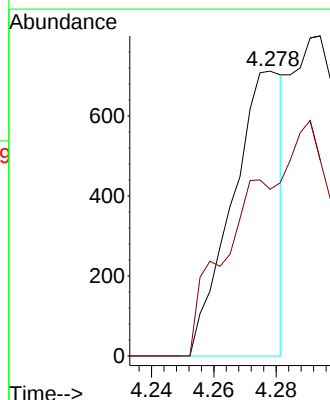
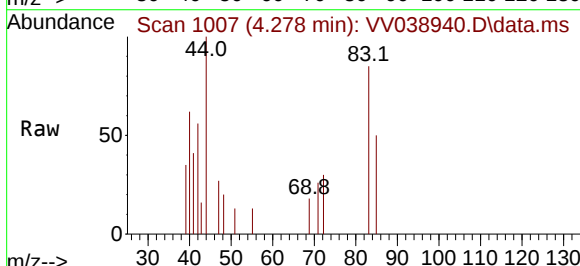
Acq: 11 Aug 2025 12:59

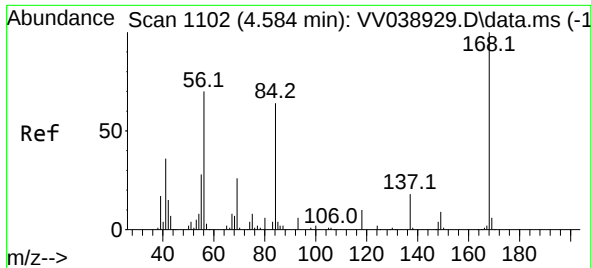
Tgt Ion: 83 Resp: 792

Ion Ratio Lower Upper

83 100

85 58.6 53.0 79.6

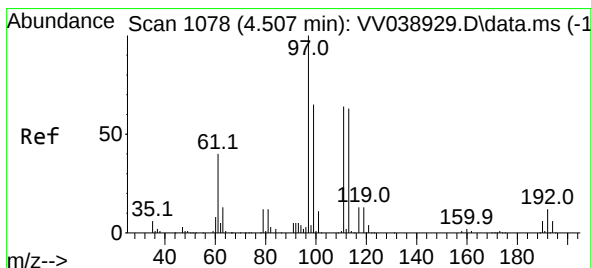
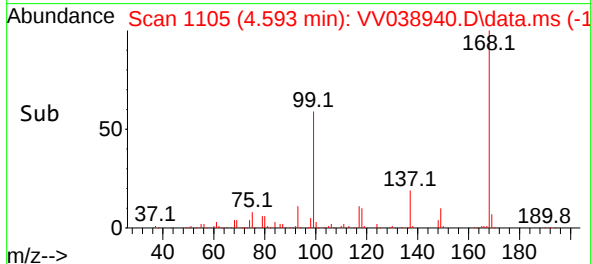
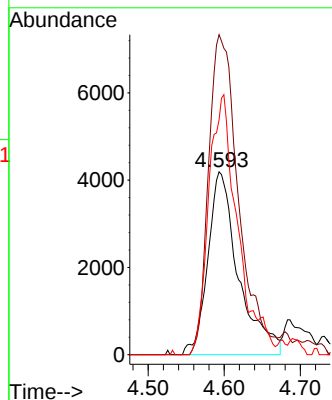
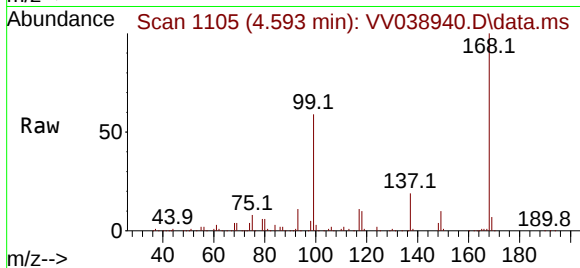




#31
Cyclohexane
Concen: 2.128 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. 0.009 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

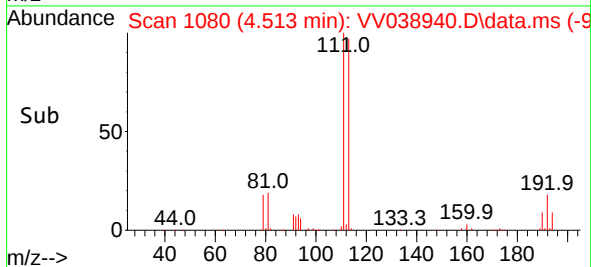
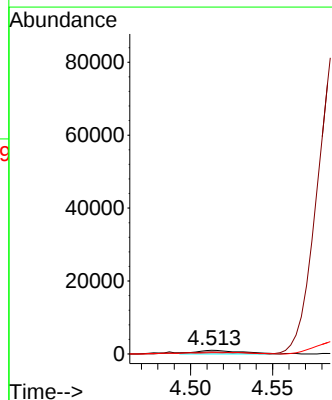
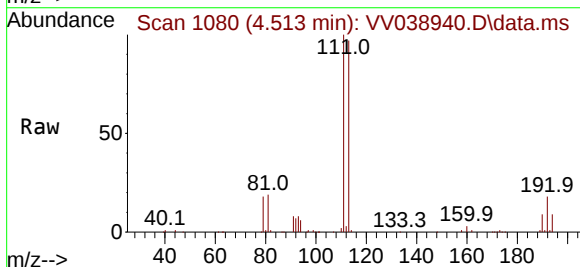
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

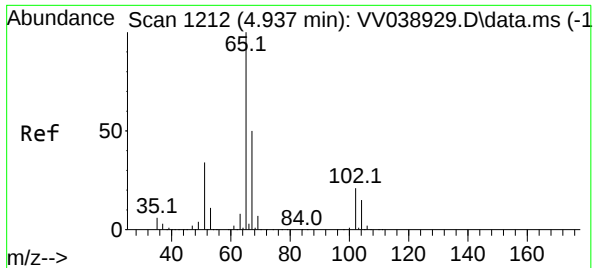
Tgt Ion: 56 Resp: 11721
Ion Ratio Lower Upper
56 100
69 175.0 30.2 45.2#
84 128.5 73.6 110.4#



#32
1,1,1-Trichloroethane
Concen: 0.226 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 97 Resp: 1890
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.6#
61 36.3 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 54.147 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

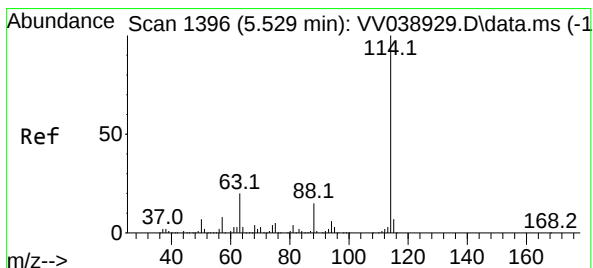
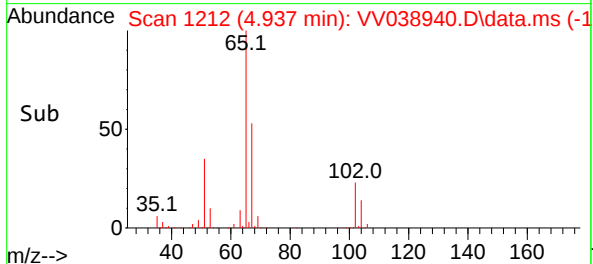
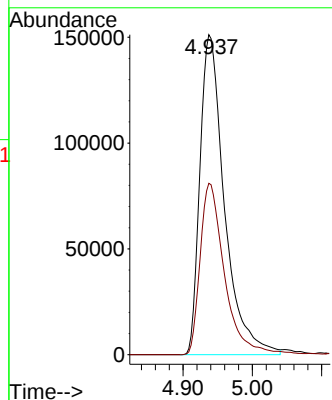
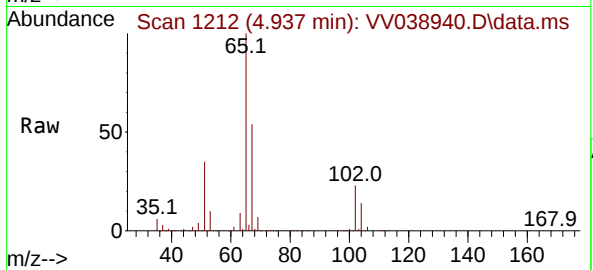
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 65 Resp: 371264

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

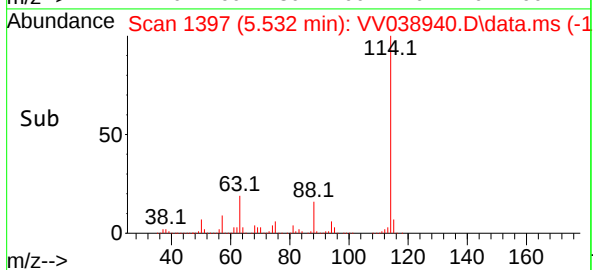
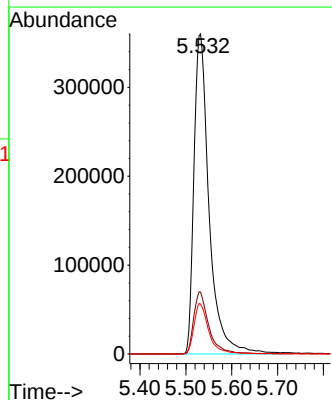
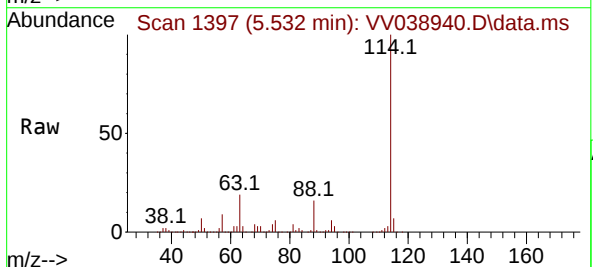
Tgt Ion: 114 Resp: 827623

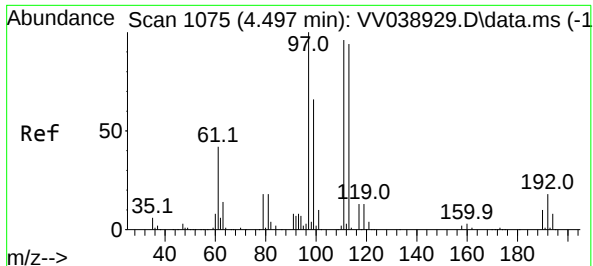
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.684 ug/l

RT: 4.497 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

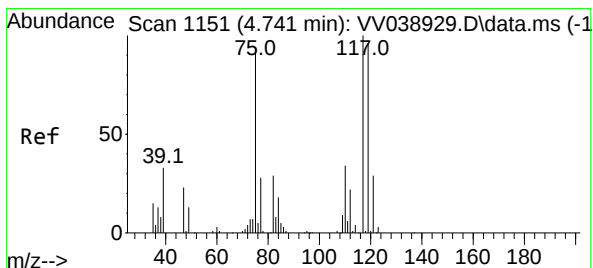
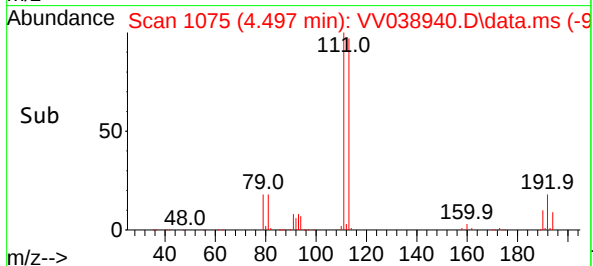
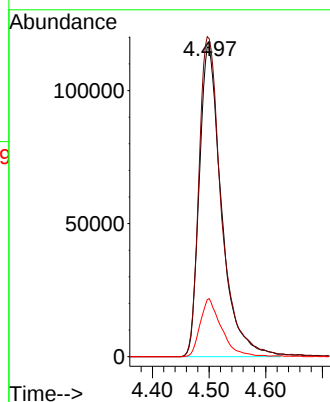
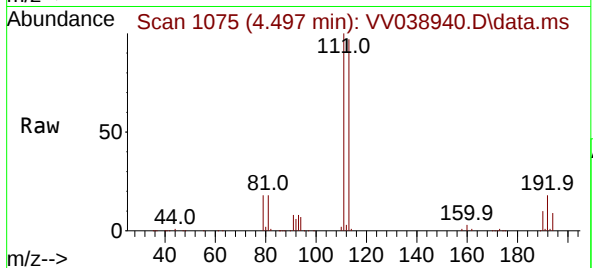
Tgt Ion:113 Resp: 318231

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 17.9 14.9 22.3



#36

1,1-Dichloropropene

Concen: 6.749 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.145 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

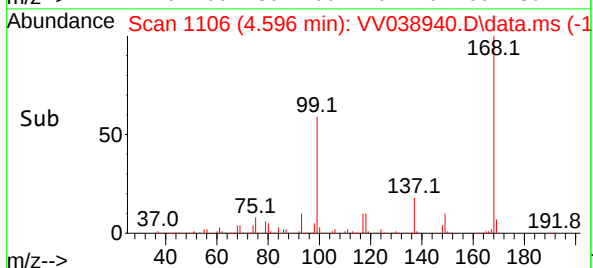
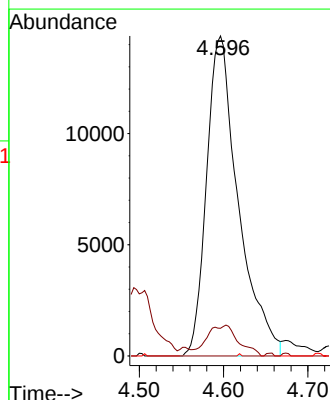
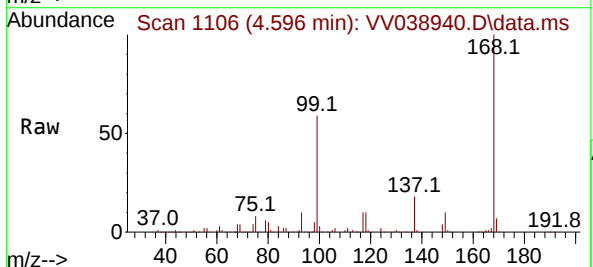
Tgt Ion: 75 Resp: 37674

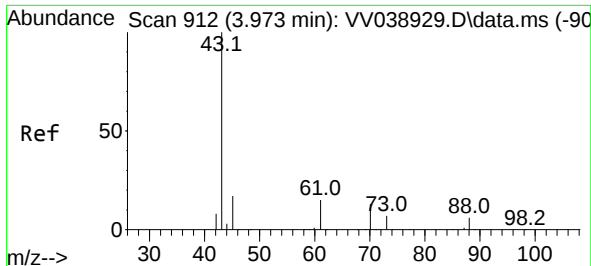
Ion Ratio Lower Upper

75 100

110 3.0 19.5 58.5#

77 0.0 25.0 37.6#





#37

Ethyl Acetate

Concen: 0.015 ug/l

RT: 3.973 min Scan# 91

Delta R.T. -0.000 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

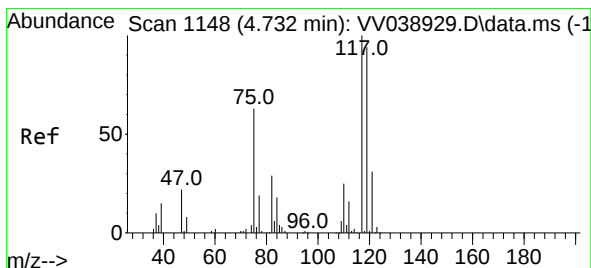
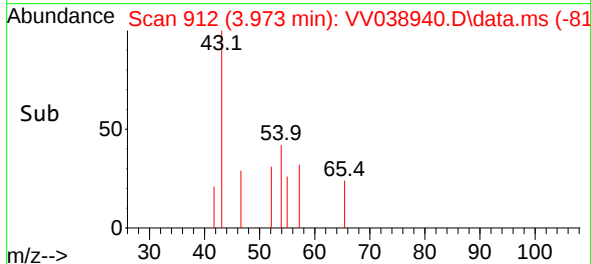
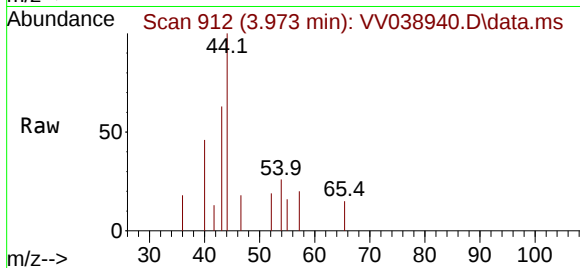
Tgt Ion: 43 Resp: 112

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

70 0.0 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 6.462 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.135 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

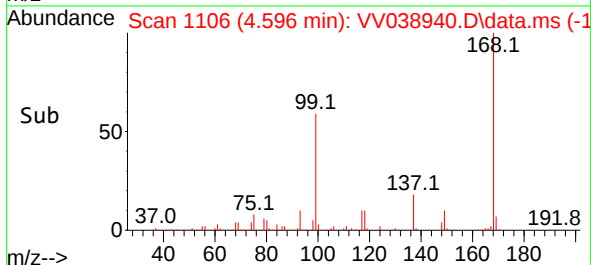
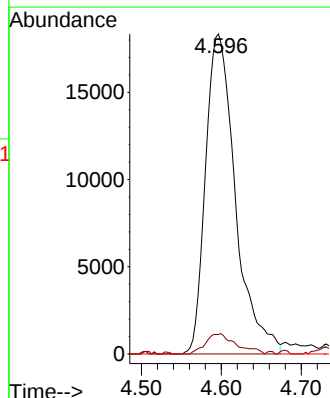
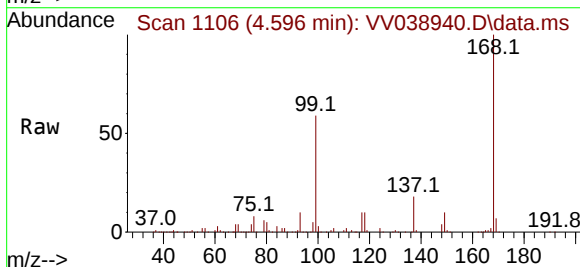
Tgt Ion: 117 Resp: 47650

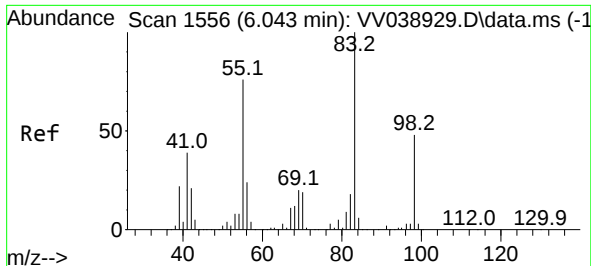
Ion Ratio Lower Upper

117 100

119 6.1 74.9 112.3#

121 0.0 24.6 36.8#

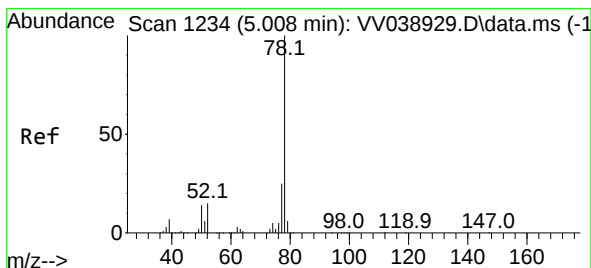
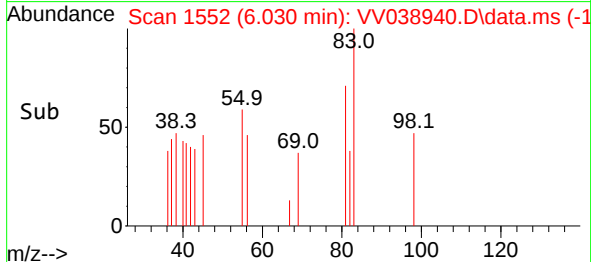
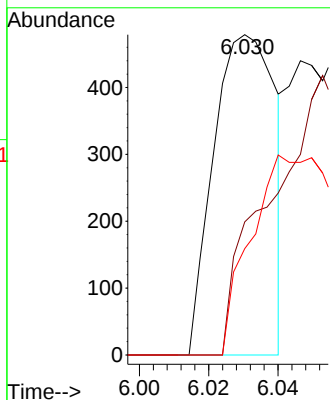
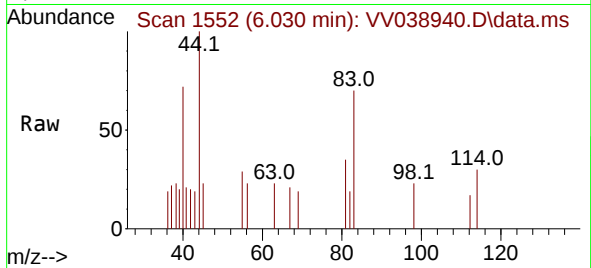




#39
Methylcyclohexane
Concen: 0.097 ug/l
RT: 6.030 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

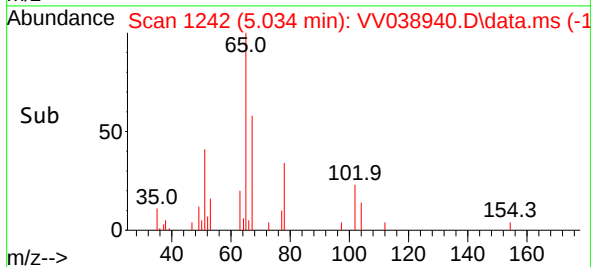
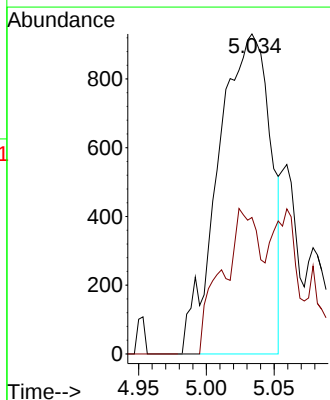
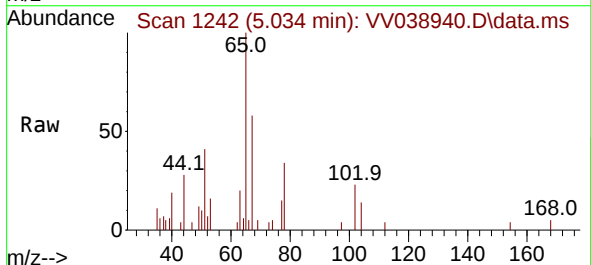
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

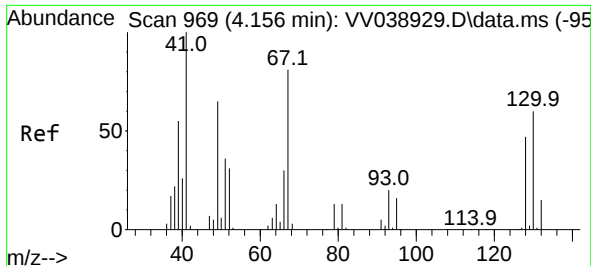
Tgt Ion: 83 Resp: 590
Ion Ratio Lower Upper
83 100
55 41.5 60.8 91.2#
98 33.2 38.6 57.8#



#40
Benzene
Concen: 0.135 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. 0.026 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 78 Resp: 2487
Ion Ratio Lower Upper
78 100
77 42.6 19.6 29.4#

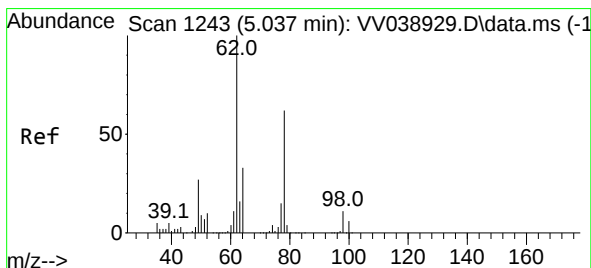
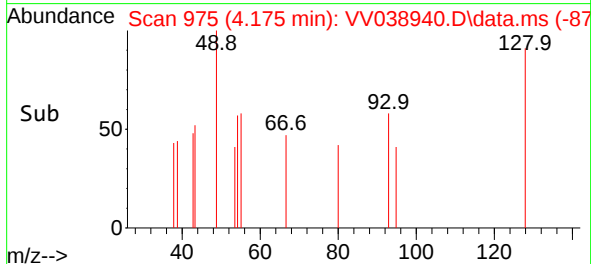
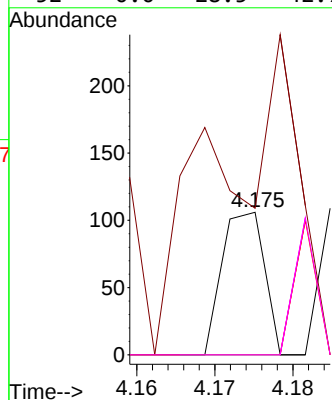
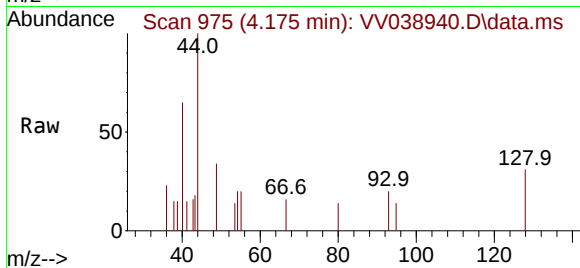




#41
Methacrylonitrile
Concen: 0.013 ug/l
RT: 4.175 min Scan# 91
Delta R.T. 0.019 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

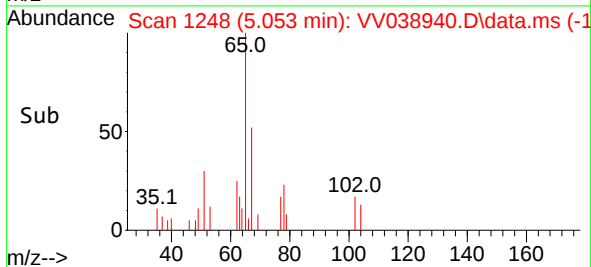
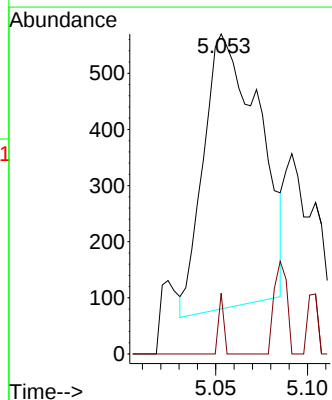
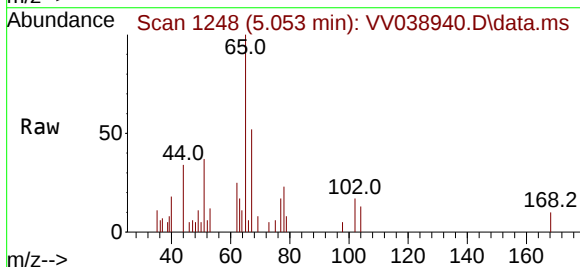
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

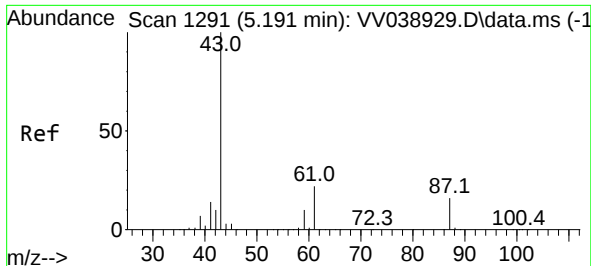
Tgt Ion:	41	Resp:	40
Ion	Ratio	Lower	Upper
41	100		
39	257.5	41.8	62.6#
67	0.0	72.6	109.0#
52	0.0	28.5	42.7#



#42
1,2-Dichloroethane
Concen: 0.143 ug/l
RT: 5.053 min Scan# 1248
Delta R.T. 0.016 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion:	62	Resp:	1023
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.6

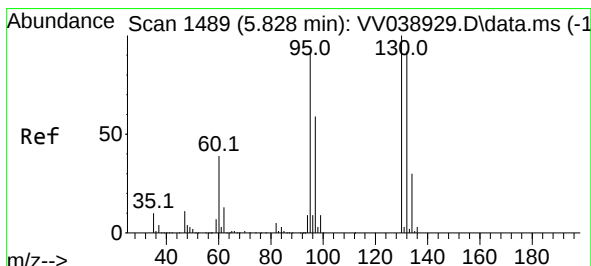
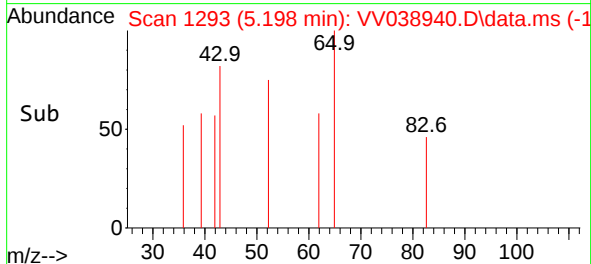
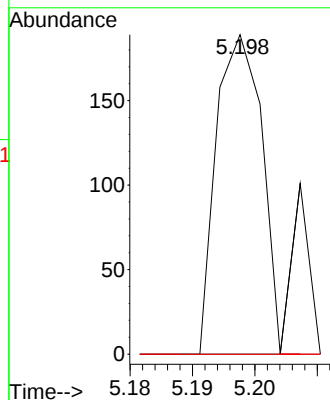
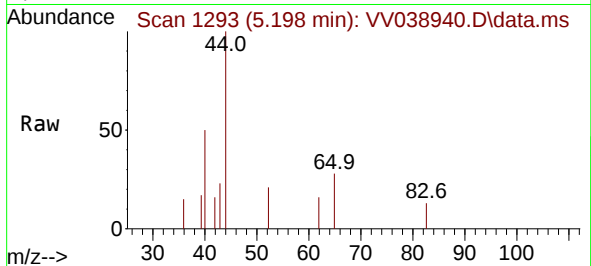




#43
Isopropyl Acetate
Concen: 0.009 ug/l
RT: 5.198 min Scan# 1293
Delta R.T. 0.007 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

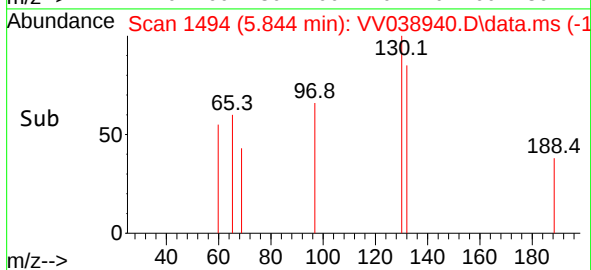
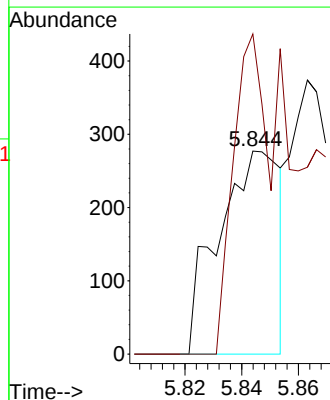
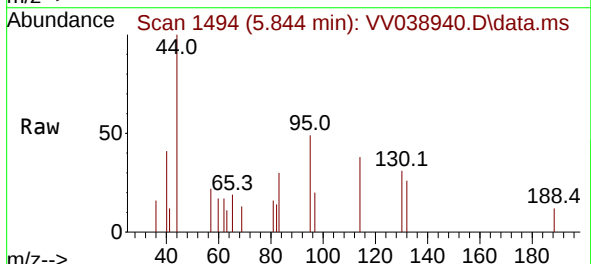
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

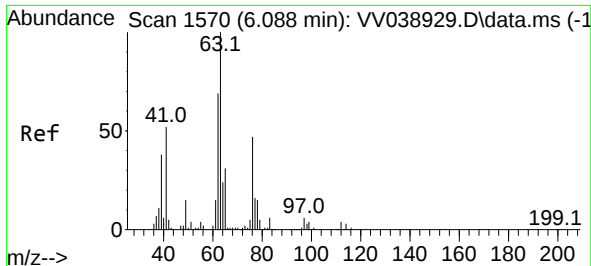
Tgt Ion: 43 Resp: 95
Ion Ratio Lower Upper
43 100
61 0.0 17.0 25.6#
87 0.0 12.2 18.4#



#44
Trichloroethene
Concen: 0.084 ug/l
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 130 Resp: 413
Ion Ratio Lower Upper
130 100
95 157.8 0.0 181.2





#45

1,2-Dichloropropane

Concen: 0.060 ug/l

RT: 6.091 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

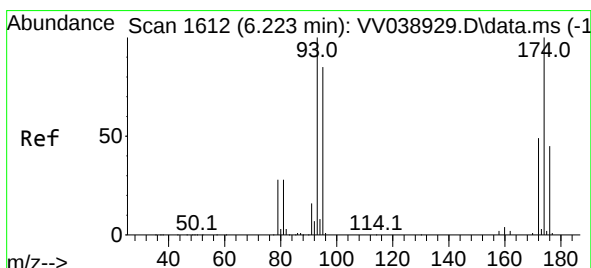
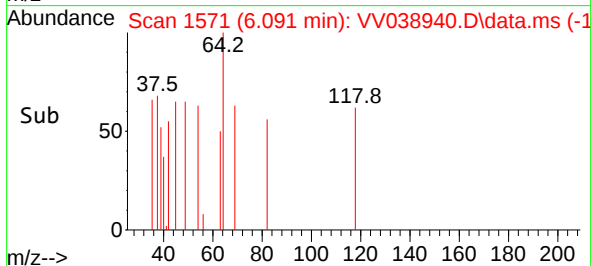
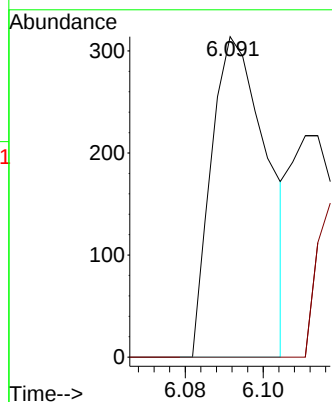
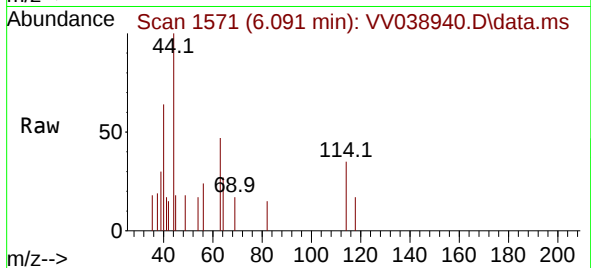
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 63 Resp: 310

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.6#



#46

Dibromomethane

Concen: 0.140 ug/l

RT: 6.252 min Scan# 1621

Delta R.T. 0.029 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

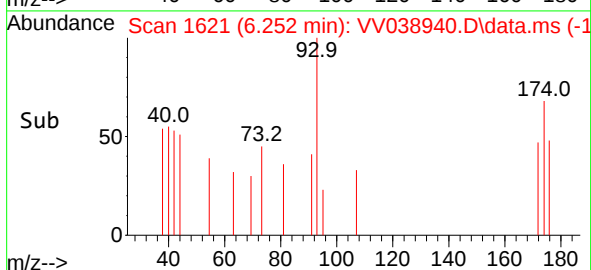
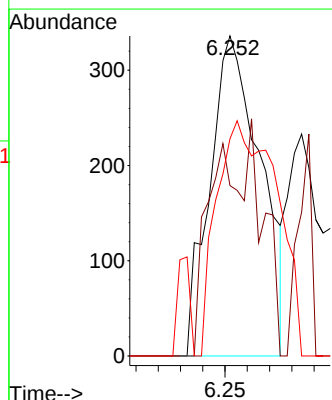
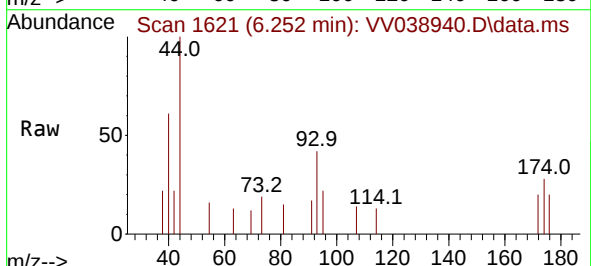
Tgt Ion: 93 Resp: 535

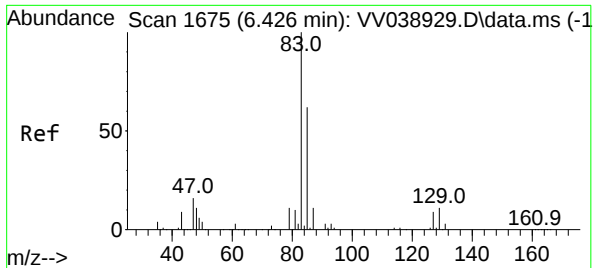
Ion Ratio Lower Upper

93 100

95 44.5 67.8 101.6#

174 86.7 77.4 116.0

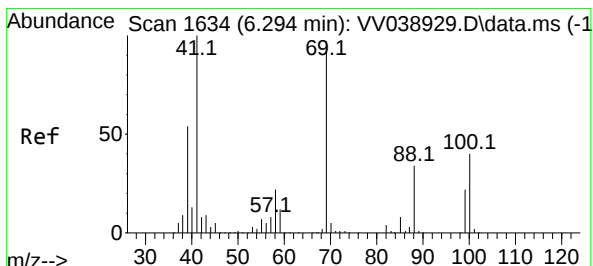
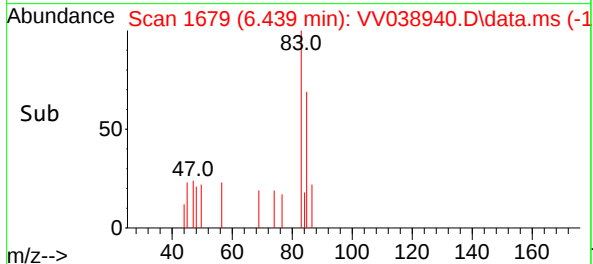
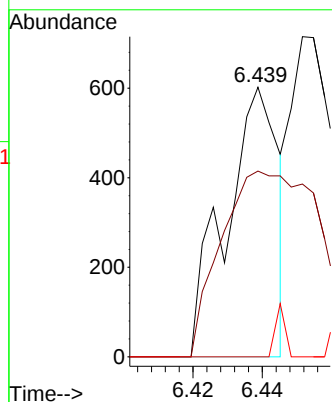
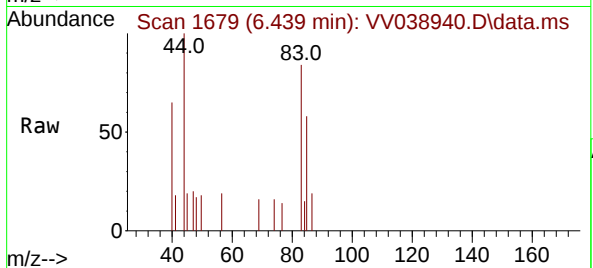




#47
Bromodichloromethane
Concen: 0.075 ug/l
RT: 6.439 min Scan# 1675
Delta R.T. 0.013 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

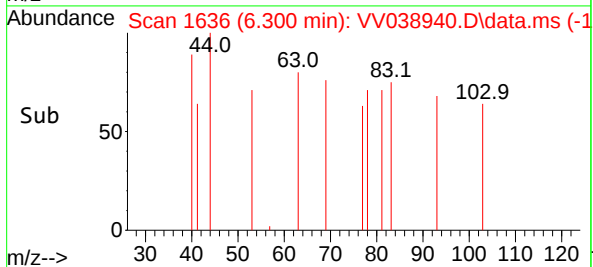
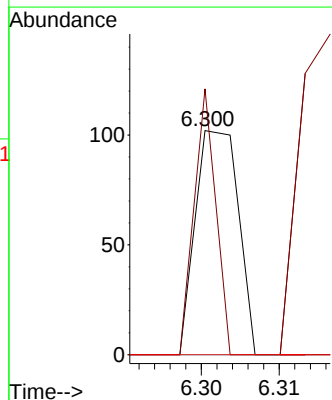
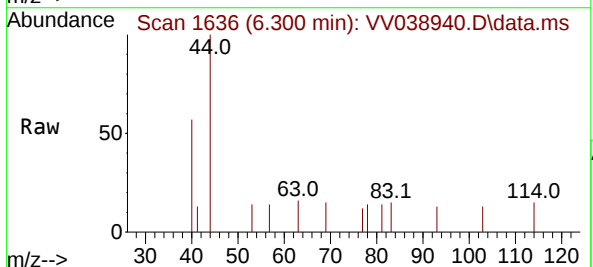
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

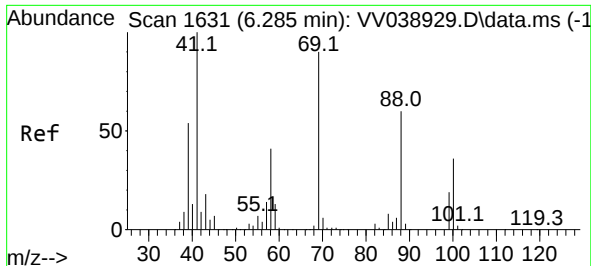
Tgt Ion: 83	Resp: 631
Ion Ratio	Lower Upper
83 100	
85 68.9	49.8 74.6
127 0.0	7.1 10.7#



#48
Methyl methacrylate
Concen: 0.009 ug/l
RT: 6.300 min Scan# 1636
Delta R.T. 0.006 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 41	Resp: 39
Ion Ratio	Lower Upper
41 100	
69 59.0	78.4 117.6#
39 0.0	43.3 64.9#





#49

1,4-Dioxane

Concen: 0.211 ug/l

RT: 6.317 min Scan# 1

Delta R.T. 0.032 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

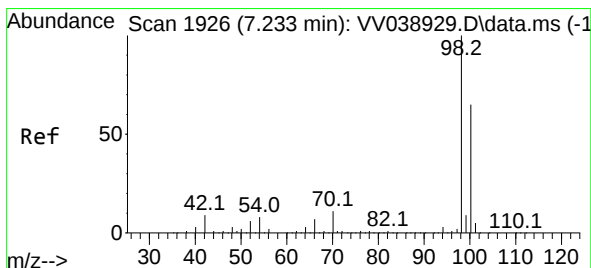
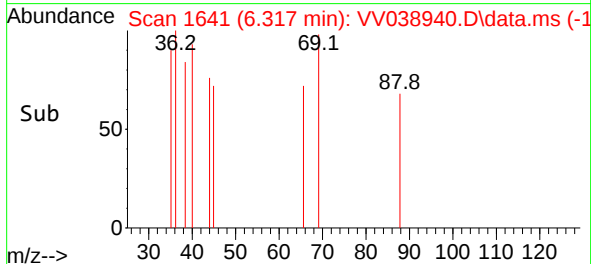
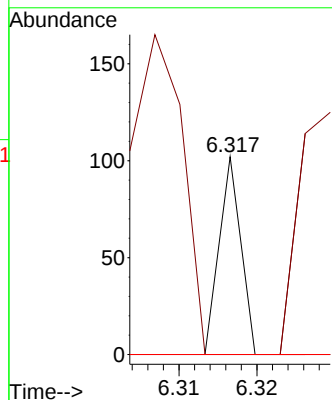
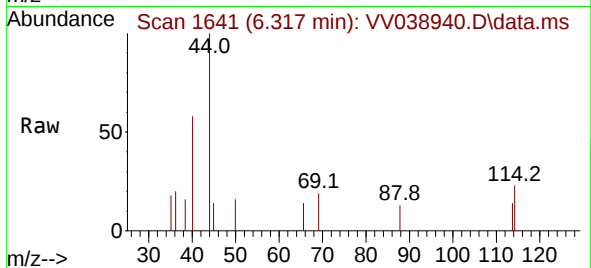
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 385.0 24.2 36.2#

58 0.0 55.4 83.2#



#50

Toluene-d8

Concen: 45.509 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV038940.D

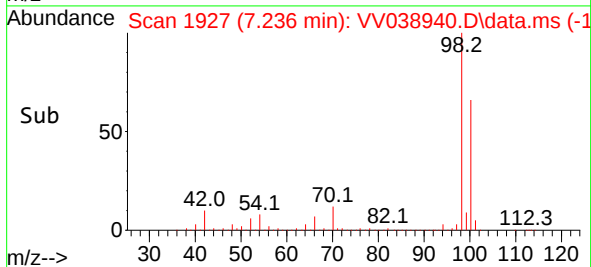
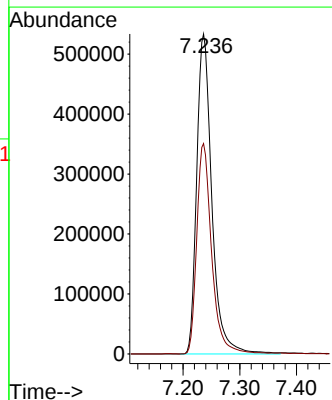
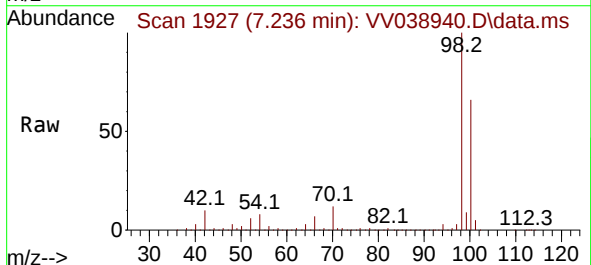
Acq: 11 Aug 2025 12:59

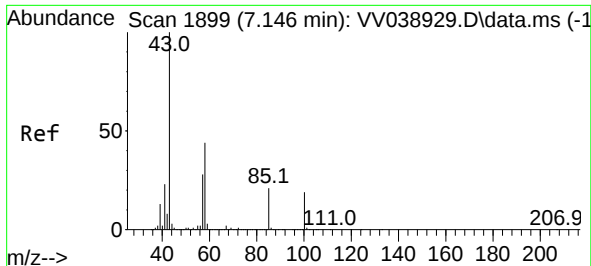
Tgt Ion: 98 Resp: 989607

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8

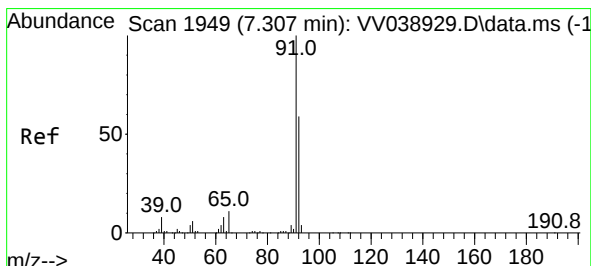
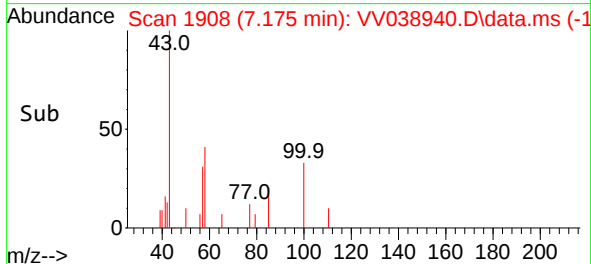
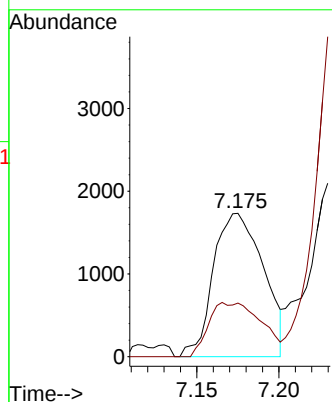
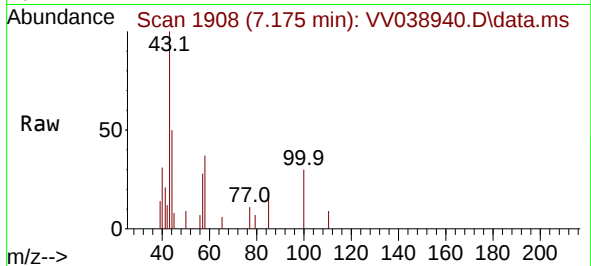




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 7.175 min Scan# 1908
Delta R.T. 0.029 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

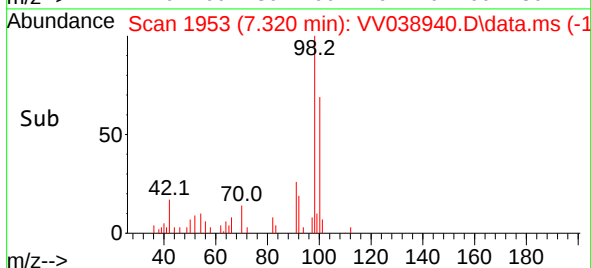
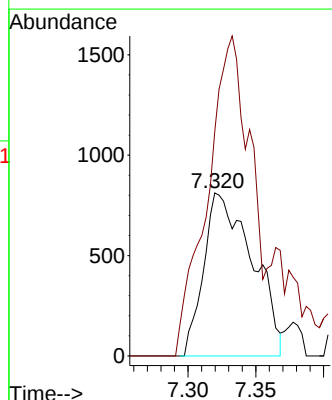
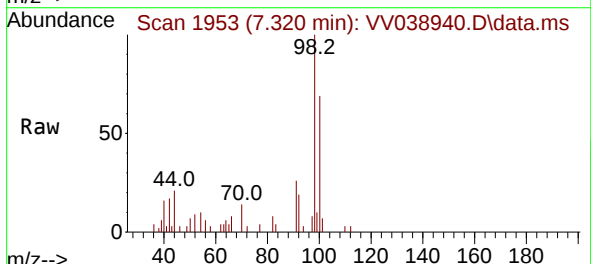
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

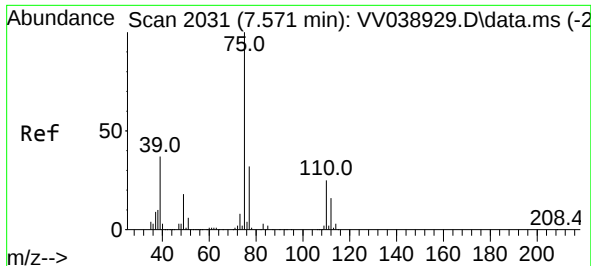
Tgt Ion: 43 Resp: 3662
Ion Ratio Lower Upper
43 100
58 39.8 34.2 51.2



#52
Toluene
Concen: 0.175 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 92 Resp: 2030
Ion Ratio Lower Upper
92 100
91 175.5 136.8 205.2

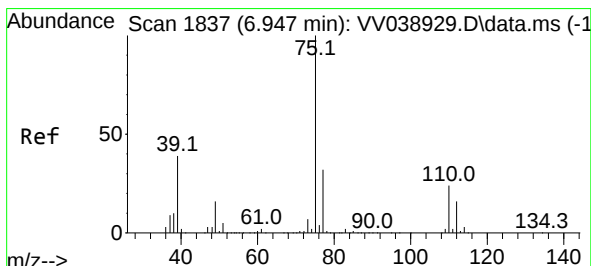
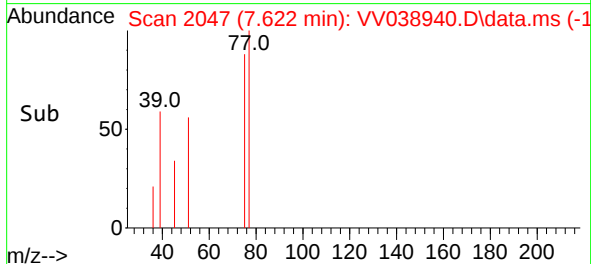
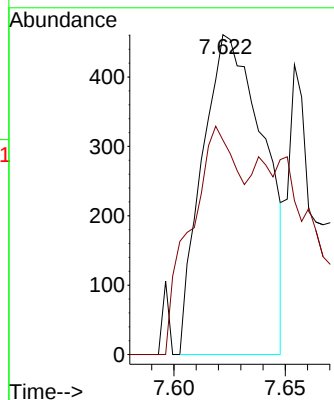
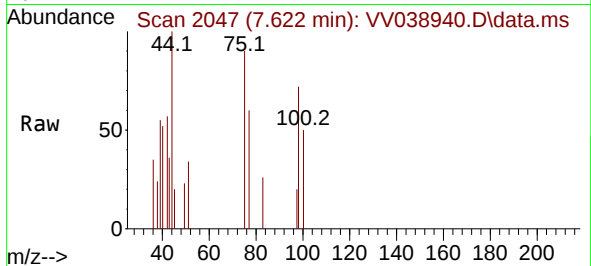




#53
t-1,3-Dichloropropene
Concen: 0.119 ug/l
RT: 7.622 min Scan# 2047
Delta R.T. 0.051 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

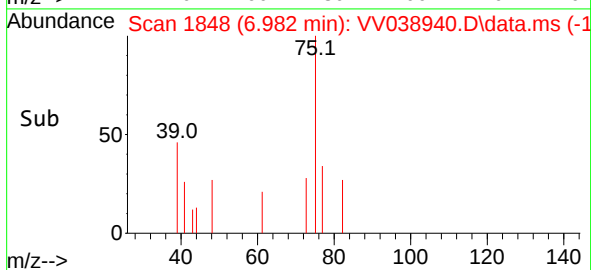
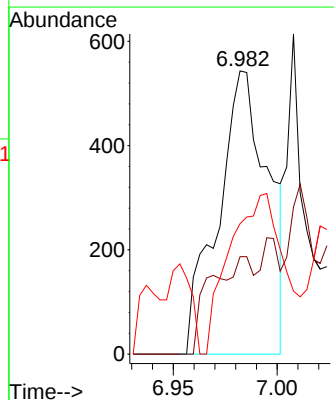
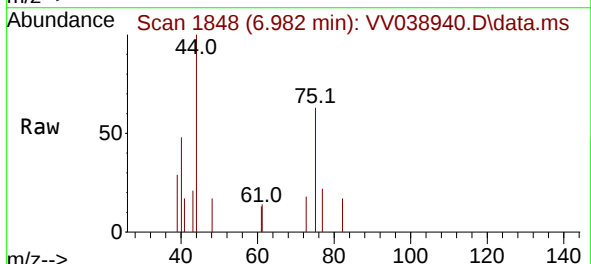
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

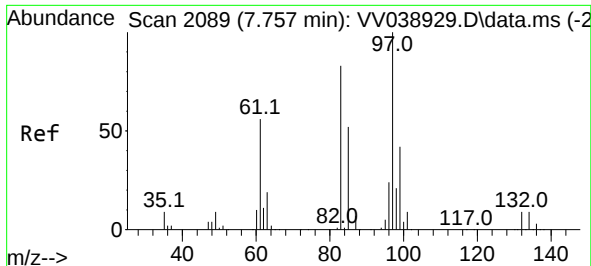
Tgt Ion: 75 Resp: 884
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 0.113 ug/l
RT: 6.982 min Scan# 1848
Delta R.T. 0.035 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 75 Resp: 910
Ion Ratio Lower Upper
75 100
77 34.4 25.2 37.8
39 14.2 31.6 47.4#

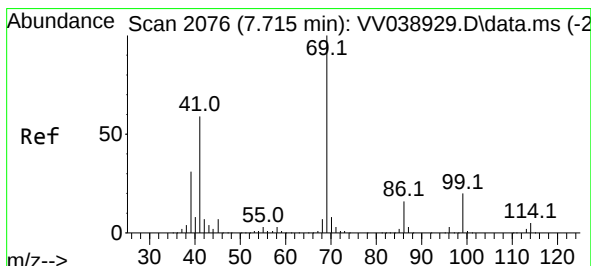
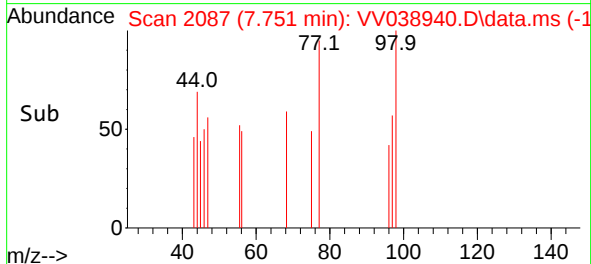
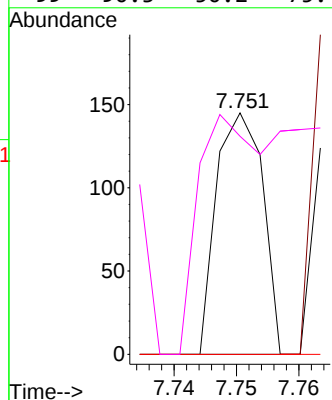
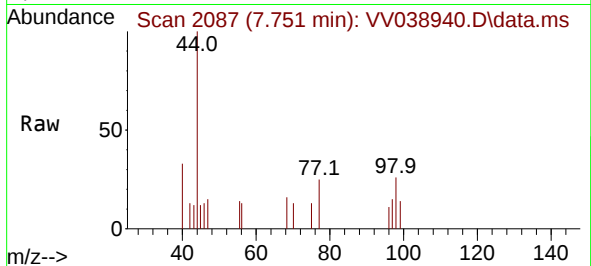




#55
1,1,2-Trichloroethane
Concen: 0.013 ug/l
RT: 7.751 min Scan# 2089
Delta R.T. -0.007 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

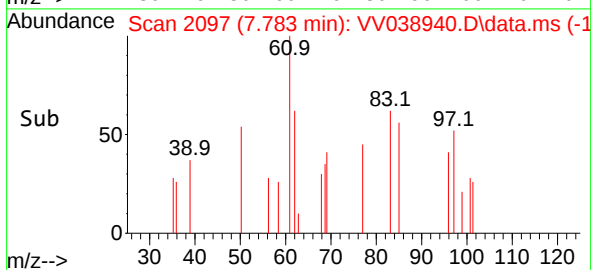
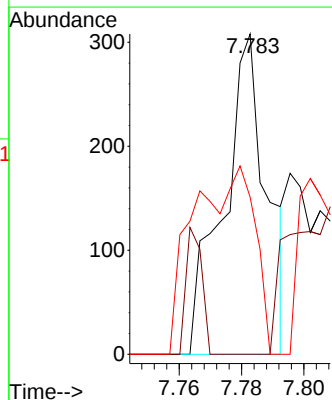
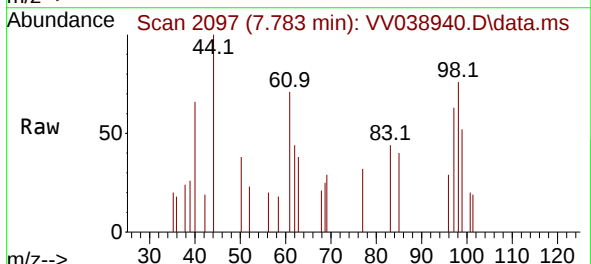
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

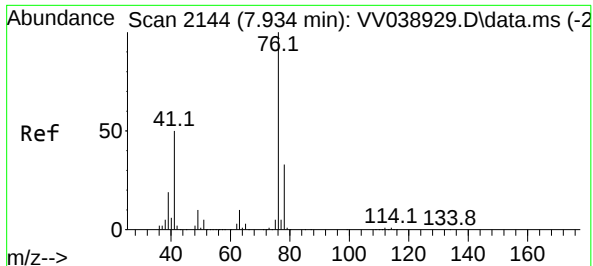
Tgt Ion:	97	Resp:	75
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.2	99.4#
85	0.0	42.9	64.3#
99	90.3	50.2	75.4#



#56
Ethyl methacrylate
Concen: 0.044 ug/l
RT: 7.783 min Scan# 2097
Delta R.T. 0.068 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion:	69	Resp:	295
Ion	Ratio	Lower	Upper
69	100		
41	14.6	45.8	68.8#
39	83.4	23.4	35.0#

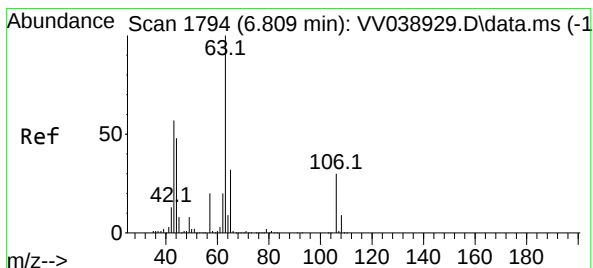
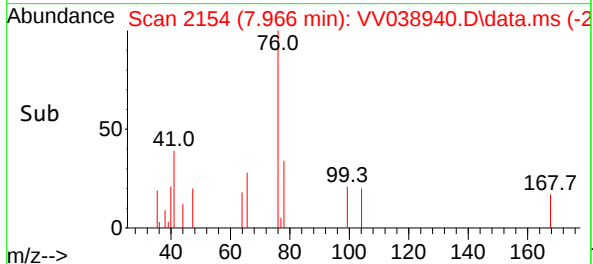
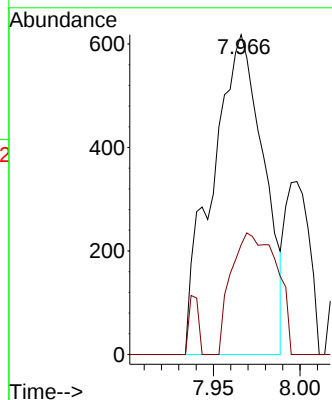
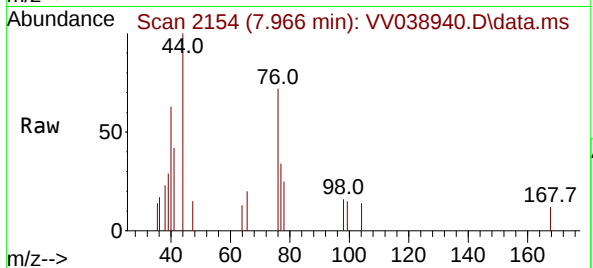




#57
1,3-Dichloropropane
Concen: 0.147 ug/l
RT: 7.966 min Scan# 2144
Delta R.T. 0.032 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

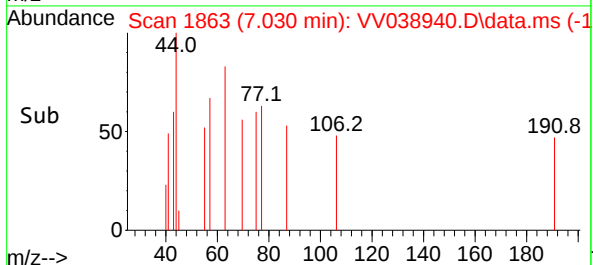
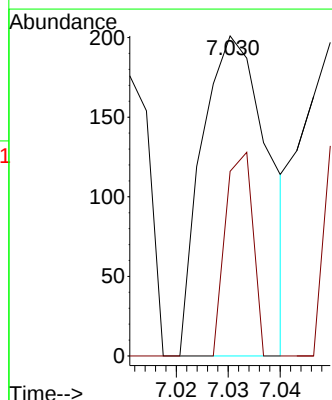
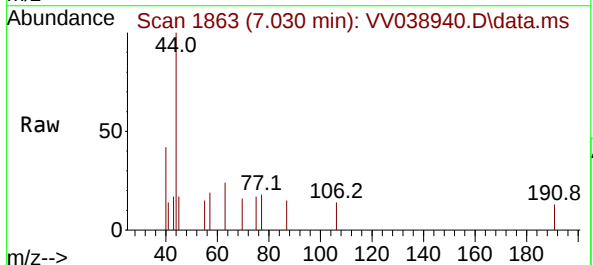
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

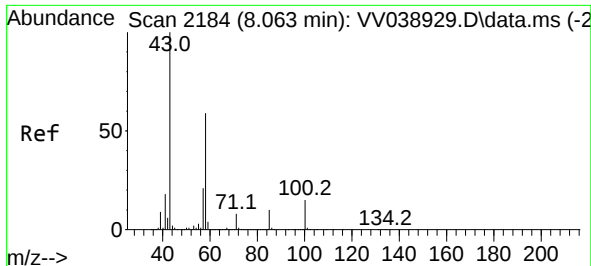
Tgt Ion: 76 Resp: 1276
Ion Ratio Lower Upper
76 100
78 33.7 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 0.054 ug/l
RT: 7.030 min Scan# 1863
Delta R.T. 0.222 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 63 Resp: 179
Ion Ratio Lower Upper
63 100
106 26.3 24.1 36.1

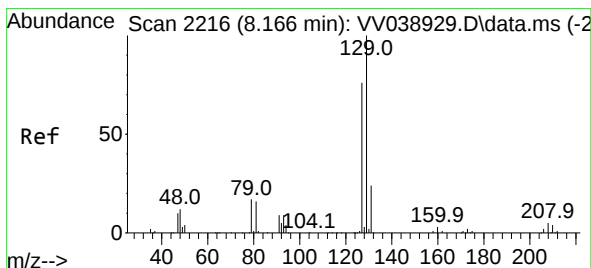
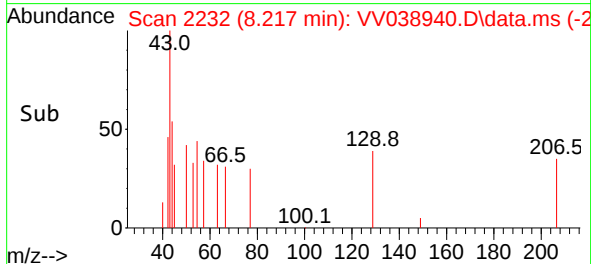
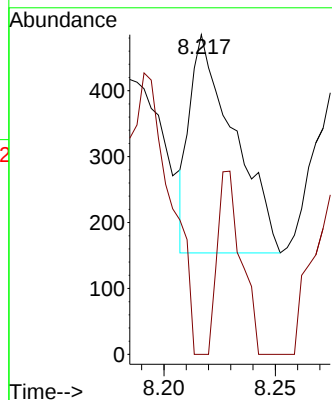
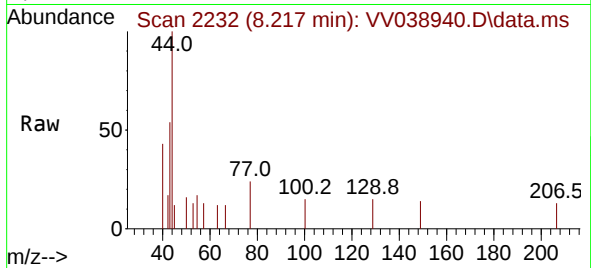




#59
2-Hexanone
Concen: 0.089 ug/l
RT: 8.217 min Scan# 2184
Delta R.T. 0.154 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

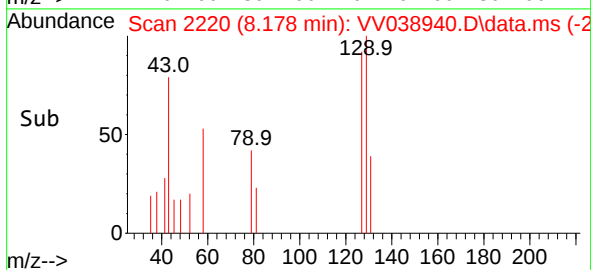
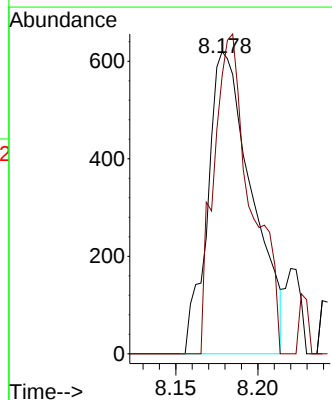
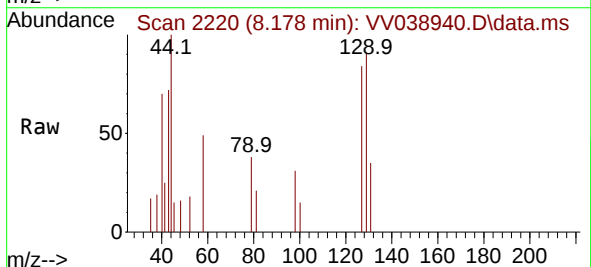
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

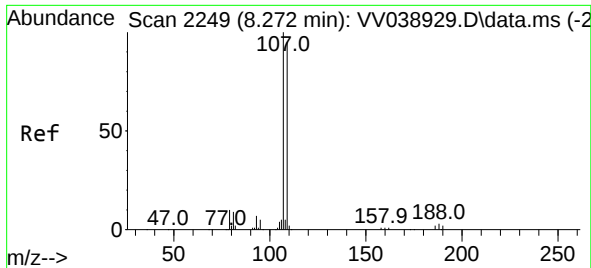
Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 45.1 29.3 87.8



#60
Dibromochloromethane
Concen: 0.167 ug/l
RT: 8.178 min Scan# 2220
Delta R.T. 0.013 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion:129 Resp: 1162
Ion Ratio Lower Upper
129 100
127 89.3 38.2 114.6

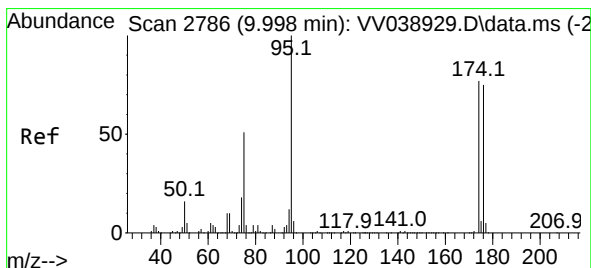
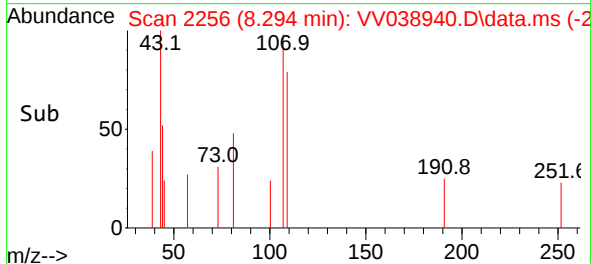
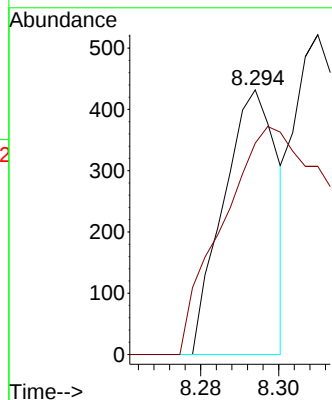
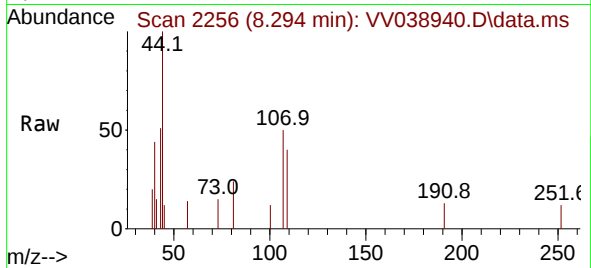




#61
1,2-Dibromoethane
Concen: 0.073 ug/l
RT: 8.294 min Scan# 21
Delta R.T. 0.022 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

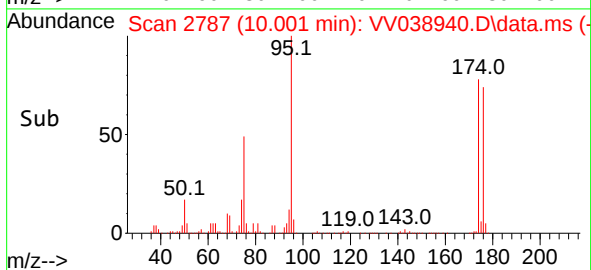
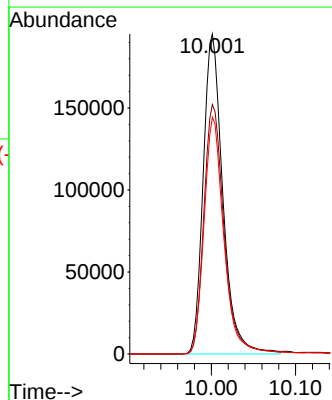
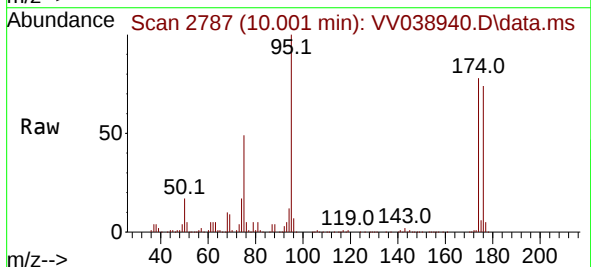
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

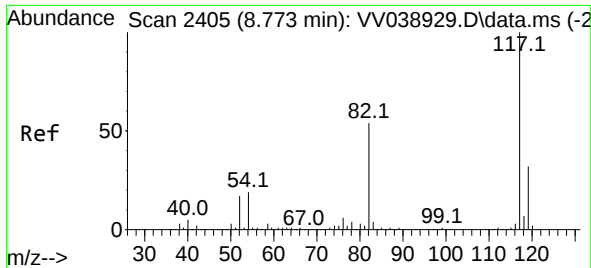
Tgt Ion:107 Resp: 414
Ion Ratio Lower Upper
107 100
109 171.7 76.2 114.2#



#62
4-Bromofluorobenzene
Concen: 40.487 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 95 Resp: 317069
Ion Ratio Lower Upper
95 100
174 80.4 0.0 156.6
176 75.0 0.0 153.0

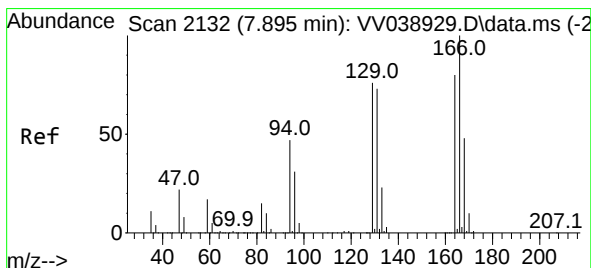
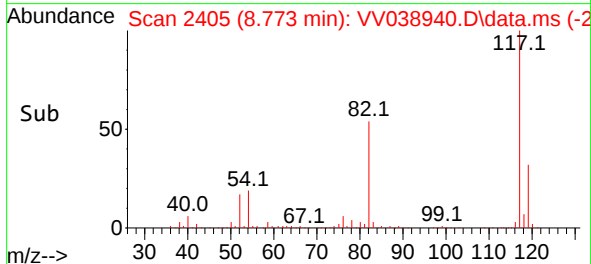
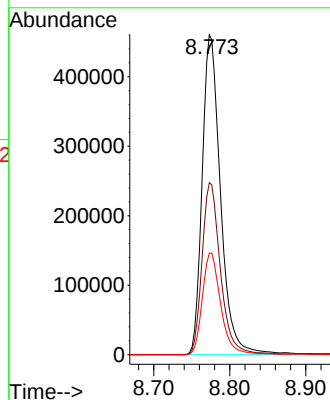
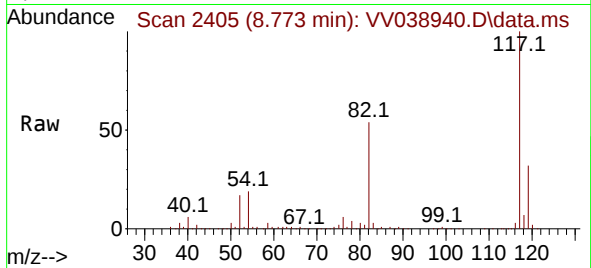




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

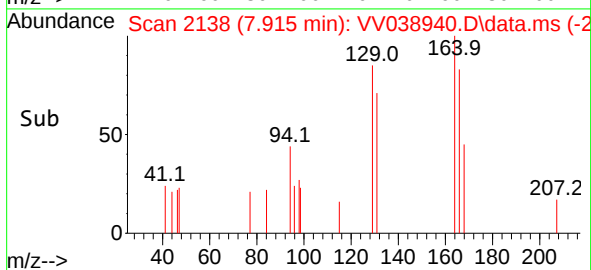
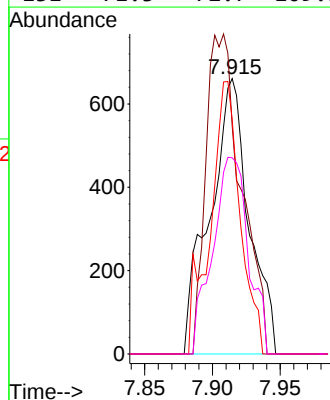
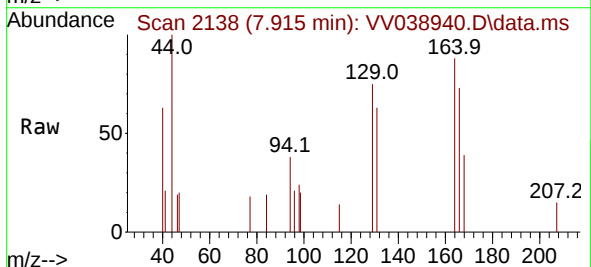
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

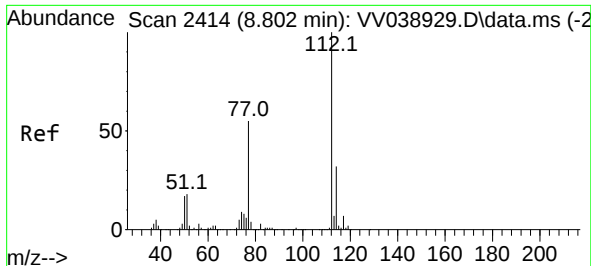
Tgt Ion:	117	Resp:	771966
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.2	64.8
119	31.8	25.6	38.4



#64
Tetrachloroethene
Concen: 0.294 ug/l
RT: 7.915 min Scan# 2138
Delta R.T. 0.019 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion:	164	Resp:	1330
Ion	Ratio	Lower	Upper
164	100		
166	82.8	100.2	150.4#
129	85.2	76.7	115.1
131	71.3	72.7	109.1#

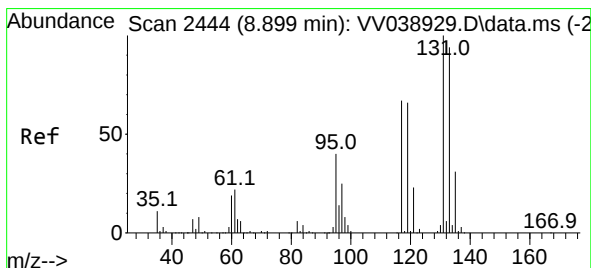
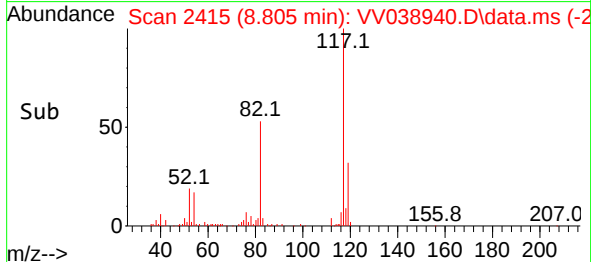
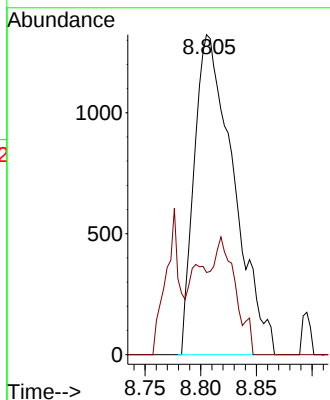
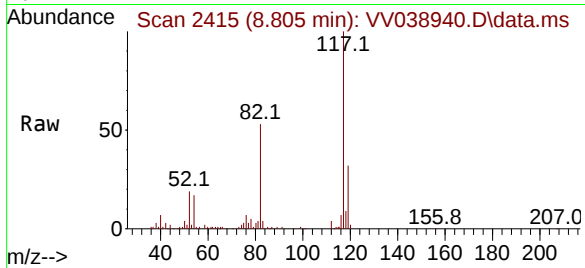




#65
Chlorobenzene
Concen: 0.215 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

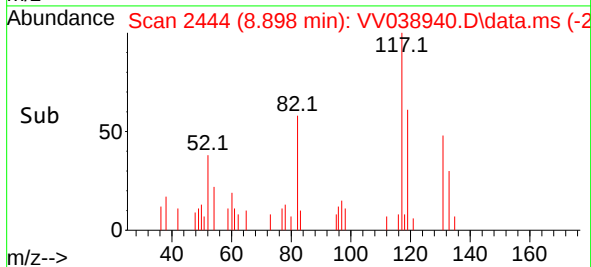
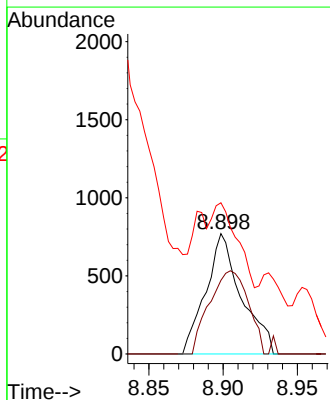
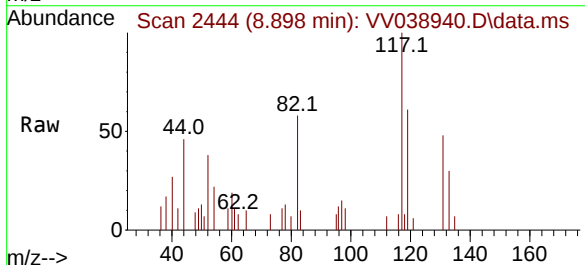
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

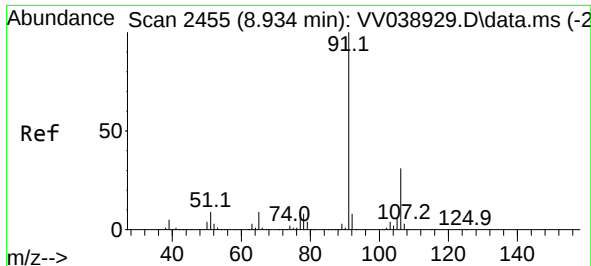
Tgt Ion:112 Resp: 3239
Ion Ratio Lower Upper
112 100
114 25.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.217 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion:131 Resp: 1287
Ion Ratio Lower Upper
131 100
133 75.2 47.5 142.5
119 0.0 32.8 98.3





#67

Ethyl Benzene

Concen: 0.135 ug/l

RT: 8.956 min Scan# 2455

Delta R.T. 0.022 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

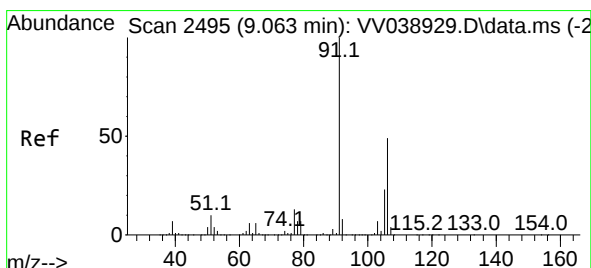
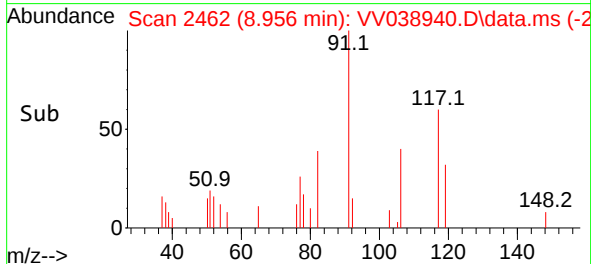
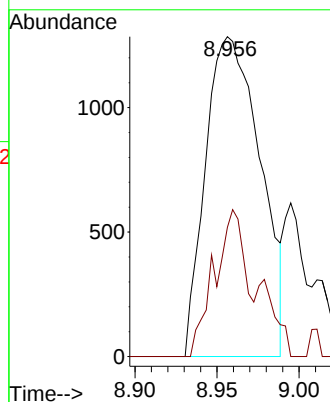
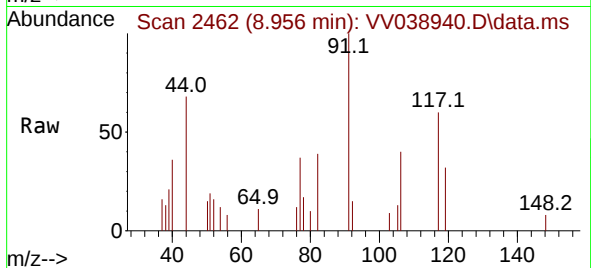
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 2985

Ion Ratio Lower Upper

91 100

106 40.4 25.0 37.6#



#68

m/p-Xylenes

Concen: 0.292 ug/l

RT: 9.082 min Scan# 2501

Delta R.T. 0.019 min

Lab File: VV038940.D

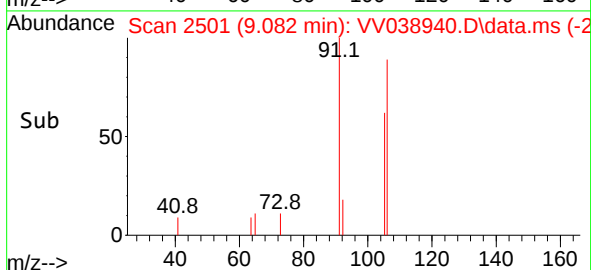
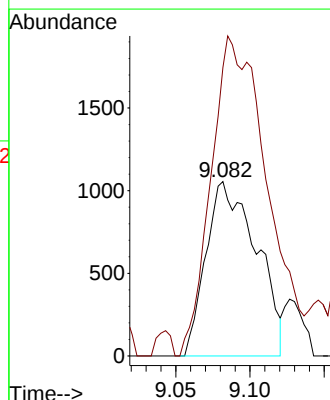
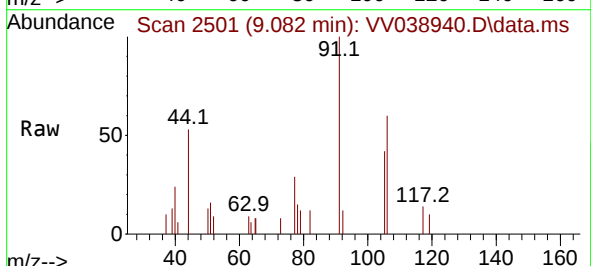
Acq: 11 Aug 2025 12:59

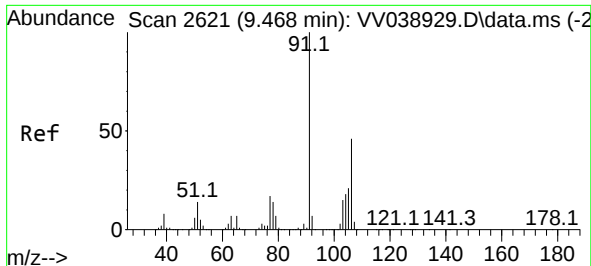
Tgt Ion: 106 Resp: 2492

Ion Ratio Lower Upper

106 100

91 202.4 163.4 245.2

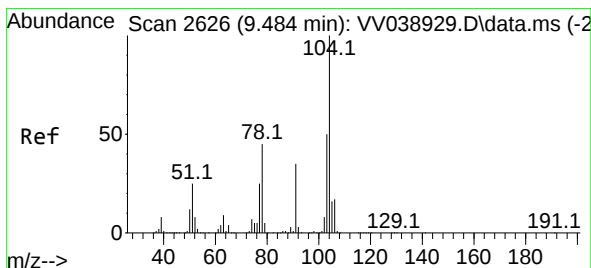
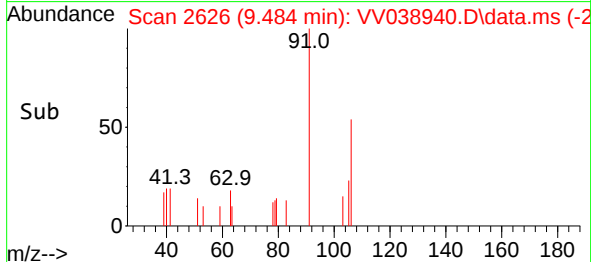
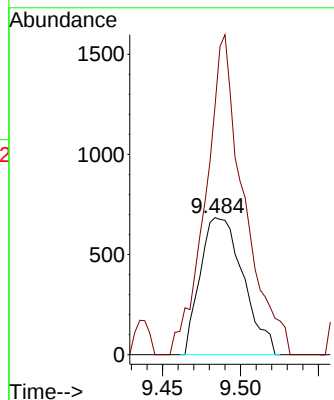
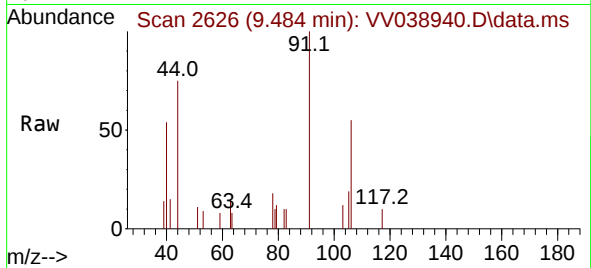




#69
o-Xylene
Concen: 0.163 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.016 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

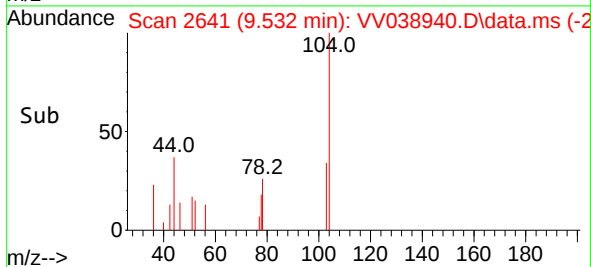
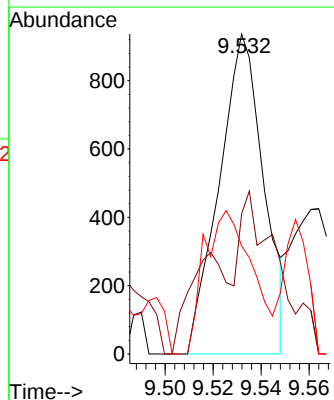
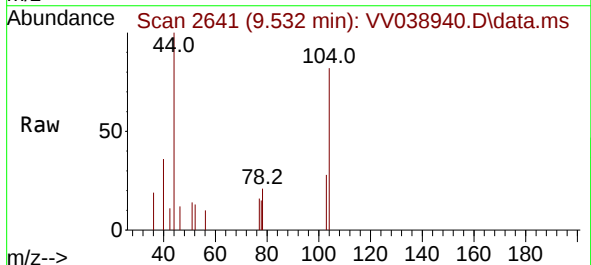
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

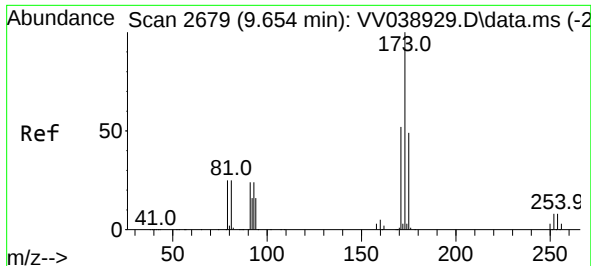
Tgt Ion:106 Resp: 1310
Ion Ratio Lower Upper
106 100
91 207.8 109.1 327.3



#70
Styrene
Concen: 0.083 ug/l
RT: 9.532 min Scan# 2641
Delta R.T. 0.048 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion:104 Resp: 1202
Ion Ratio Lower Upper
104 100
78 43.6 39.8 59.6
103 48.6 43.8 65.6

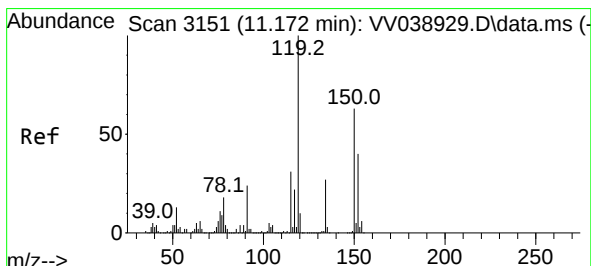
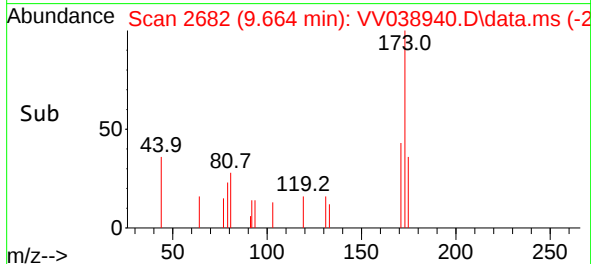
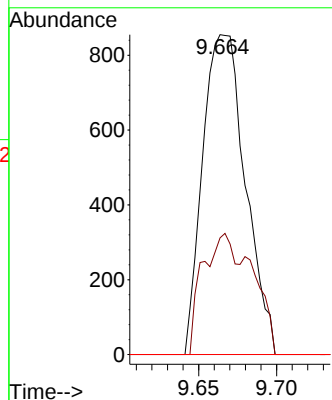
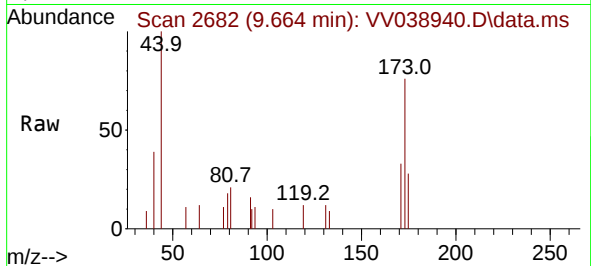




#71
Bromoform
Concen: 0.327 ug/l
RT: 9.664 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

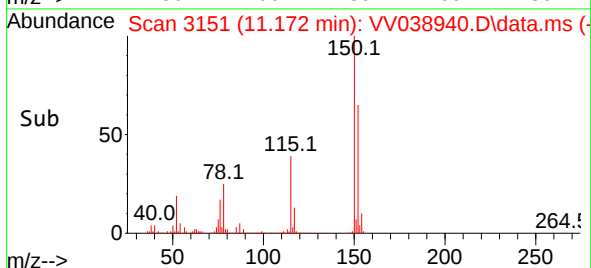
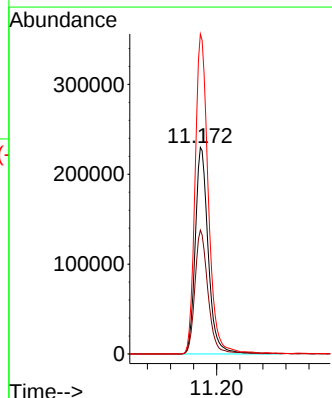
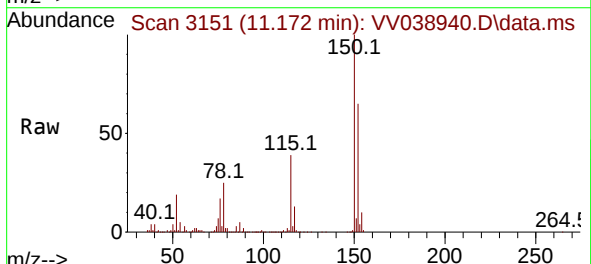
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

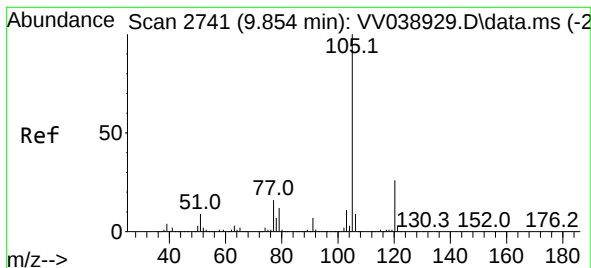
Tgt Ion:173 Resp: 1629
Ion Ratio Lower Upper
173 100
175 30.6 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion:152 Resp: 360062
Ion Ratio Lower Upper
152 100
115 60.4 41.0 123.2
150 157.1 0.0 345.4





#73

Isopropylbenzene

Concen: 0.162 ug/l

RT: 9.863 min Scan# 21

Delta R.T. 0.009 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

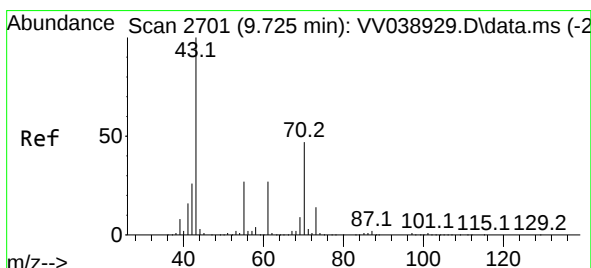
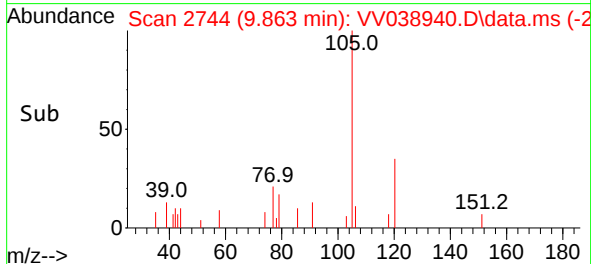
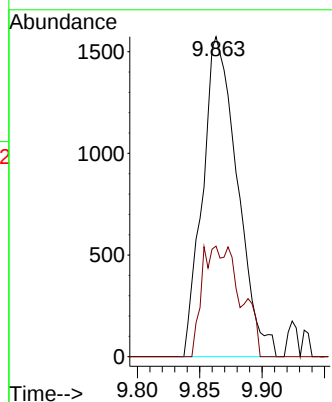
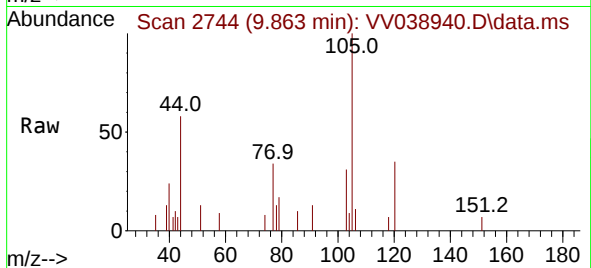
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 3048

Ion Ratio Lower Upper

105 100

120 33.5 13.3 39.8



#74

N-ethyl acetate

Concen: 0.053 ug/l

RT: 9.770 min Scan# 2715

Delta R.T. 0.045 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Tgt Ion: 43 Resp: 352

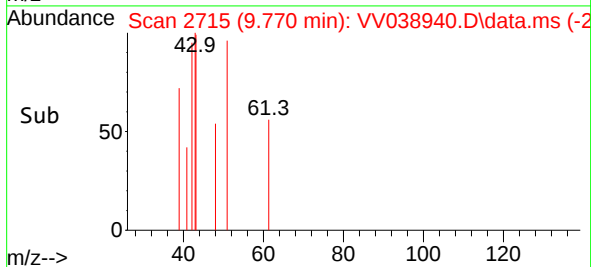
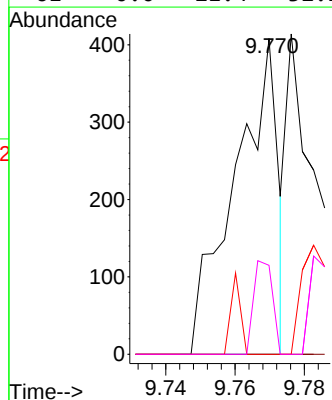
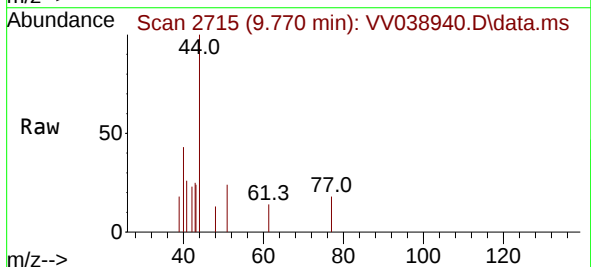
Ion Ratio Lower Upper

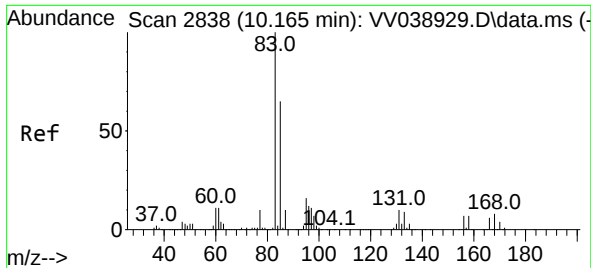
43 100

70 0.0 37.4 56.0#

55 19.9 22.1 33.1#

61 0.0 21.4 32.2#

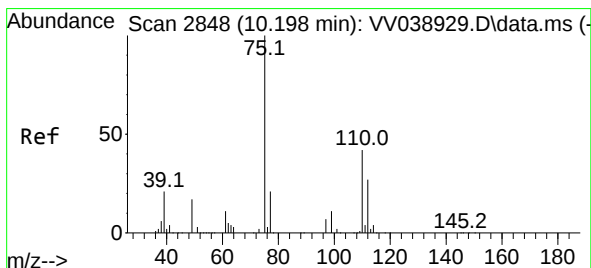
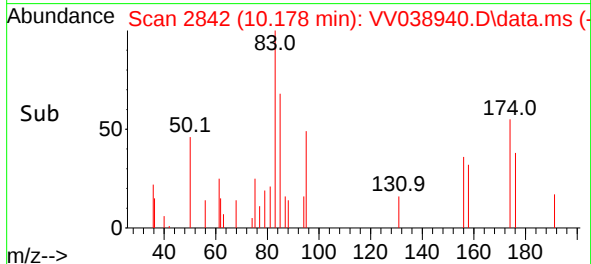
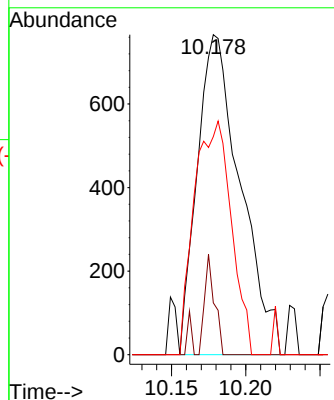
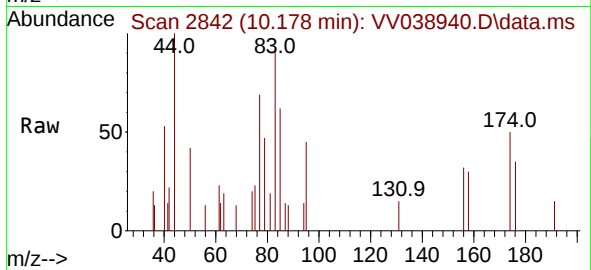




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.193 ug/l
 RT: 10.178 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV038940.D
 Acq: 11 Aug 2025 12:59

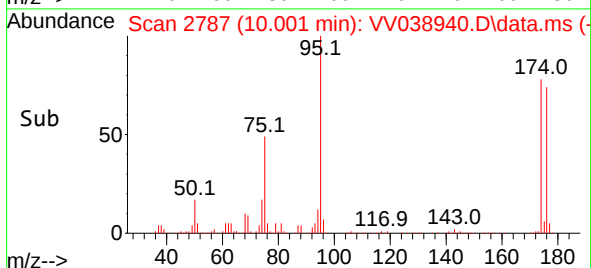
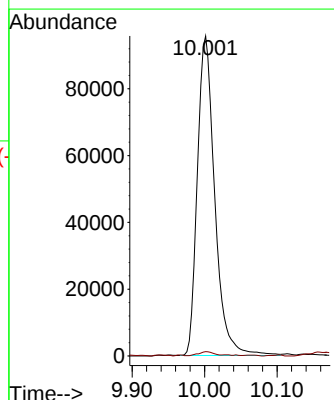
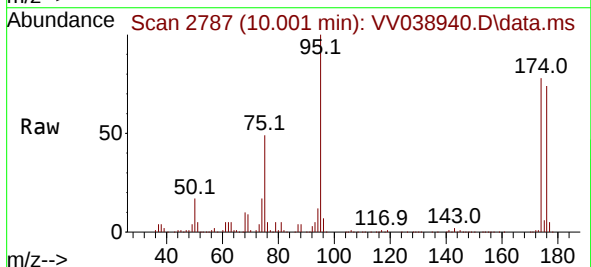
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

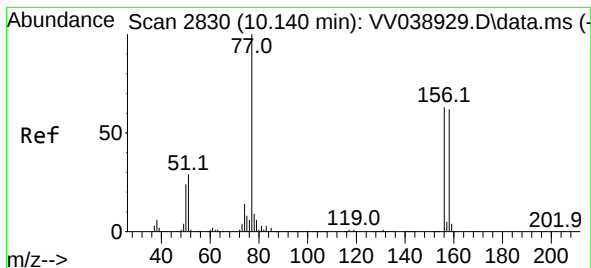
Tgt Ion: 83 Resp: 1548
 Ion Ratio Lower Upper
 83 100
 131 7.2 5.0 14.9
 85 62.5 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 27.102 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. -0.196 min
 Lab File: VV038940.D
 Acq: 11 Aug 2025 12:59

Tgt Ion: 75 Resp: 159443
 Ion Ratio Lower Upper
 75 100
 77 1.0 11.9 35.9#





#77

Bromobenzene

Concen: 0.215 ug/l

RT: 10.156 min Scan# 2835

Delta R.T. 0.016 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

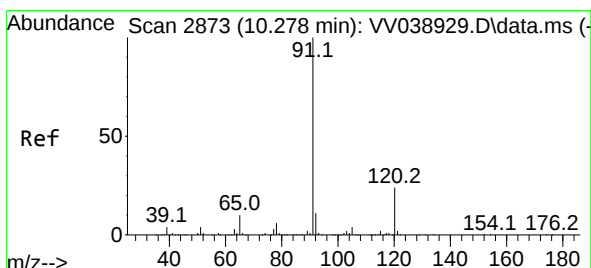
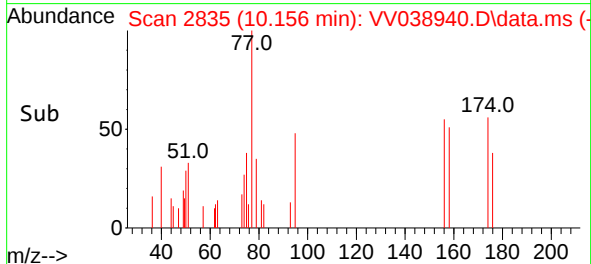
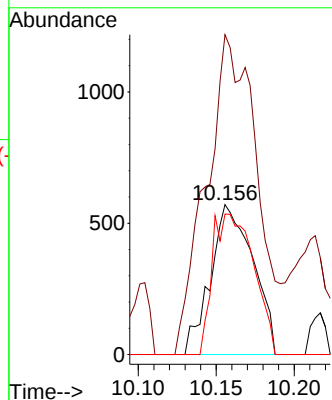
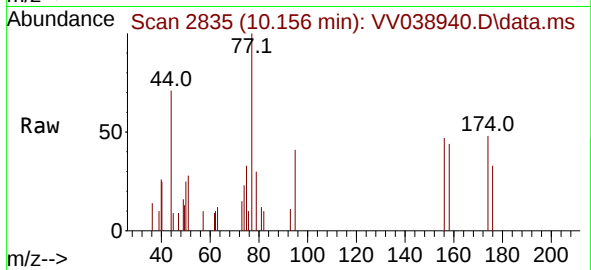
Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:156	Resp:	1085
Ion Ratio	Lower	Upper
156	100	
77	252.4	78.8 236.5#
158	90.8	49.6 148.8



#78

n-propylbenzene

Concen: 0.189 ug/l

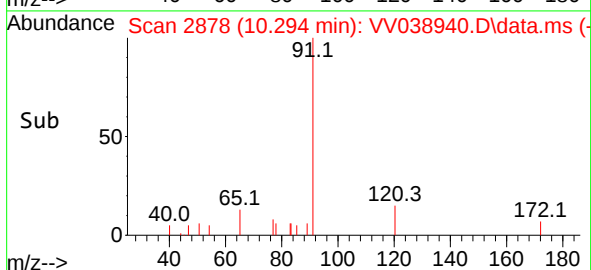
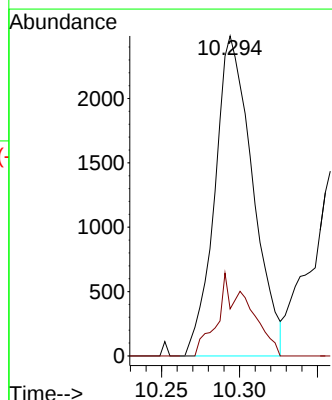
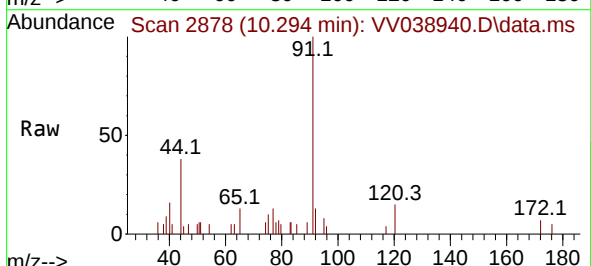
RT: 10.294 min Scan# 2878

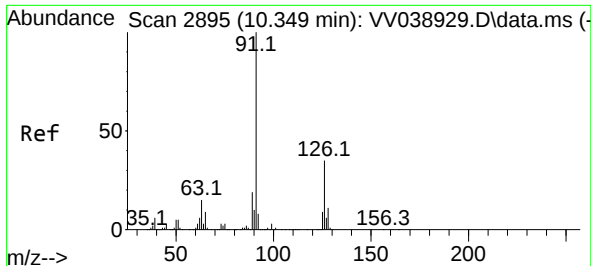
Delta R.T. 0.016 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Tgt Ion: 91	Resp:	4196
Ion Ratio	Lower	Upper
91	100	
120	11.1	11.9 35.7#





#79

2-Chlorotoluene

Concen: 0.255 ug/l

RT: 10.368 min Scan# 2901

Delta R.T. 0.019 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

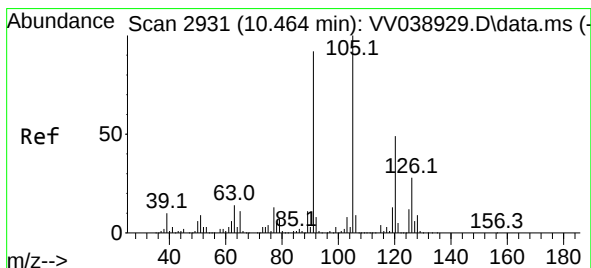
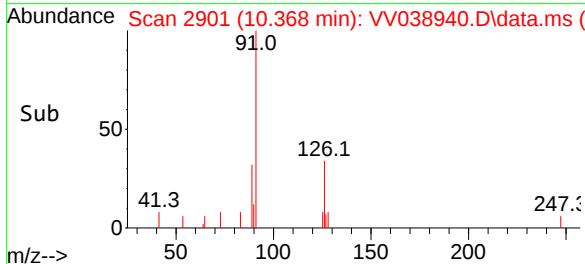
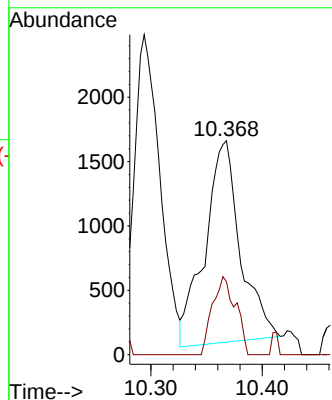
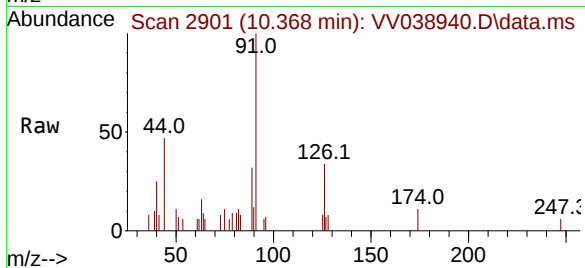
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 3474

Ion Ratio Lower Upper

91 100

126 25.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 0.155 ug/l

RT: 10.484 min Scan# 2937

Delta R.T. 0.019 min

Lab File: VV038940.D

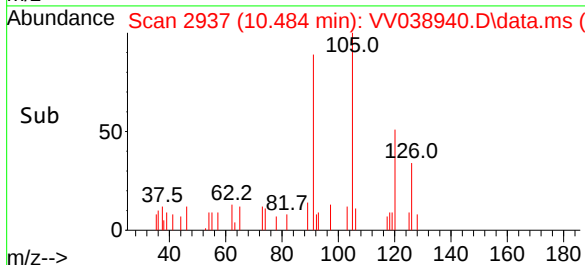
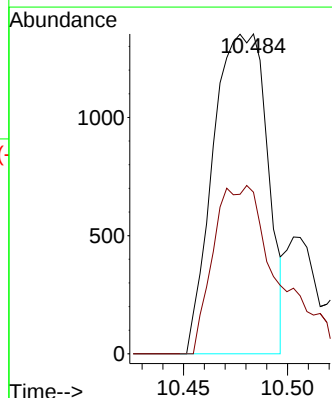
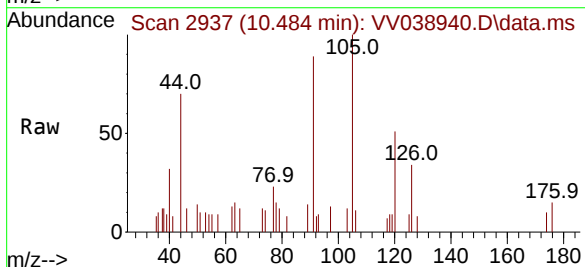
Acq: 11 Aug 2025 12:59

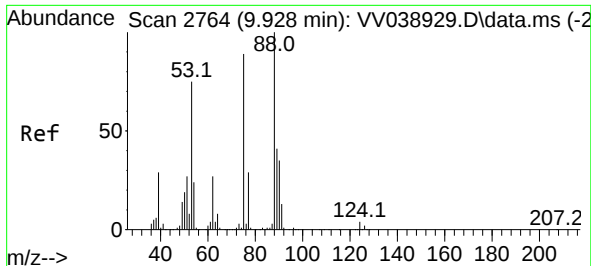
Tgt Ion: 105 Resp: 2459

Ion Ratio Lower Upper

105 100

120 62.2 24.6 73.6

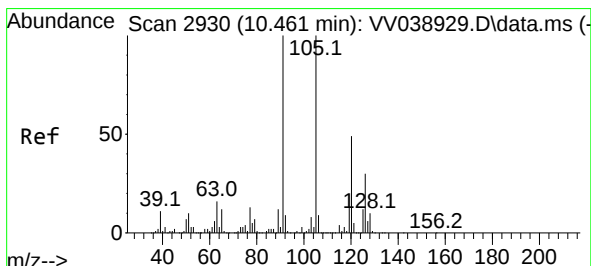
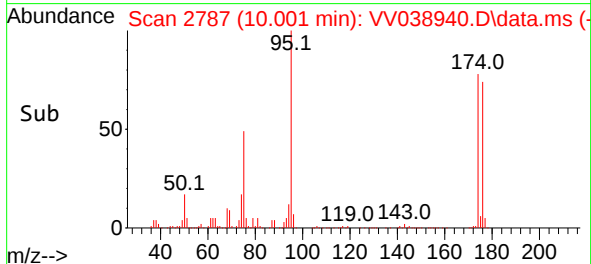
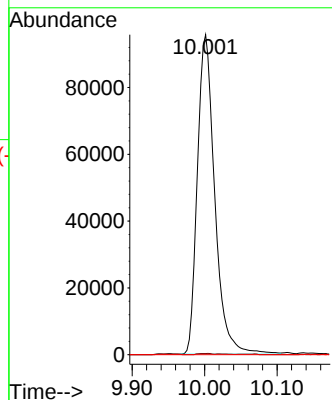
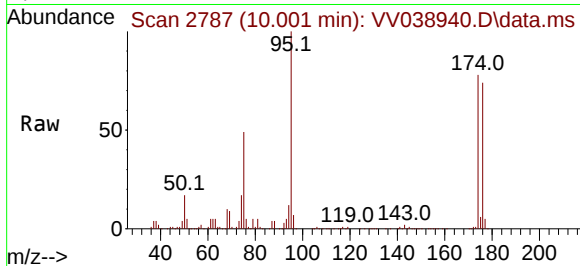




#81
trans-1,4-Dichloro-2-butene
Concen: 67.855 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

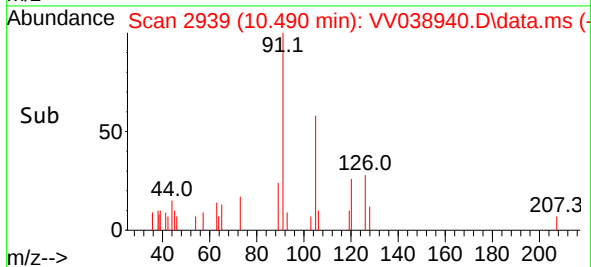
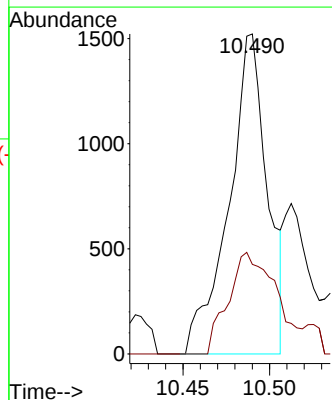
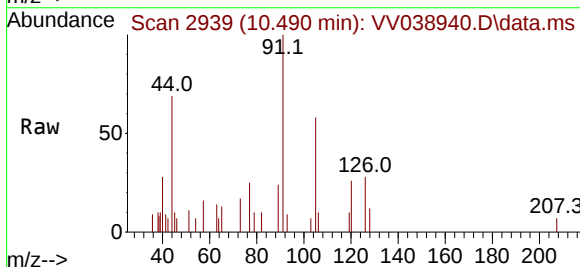
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

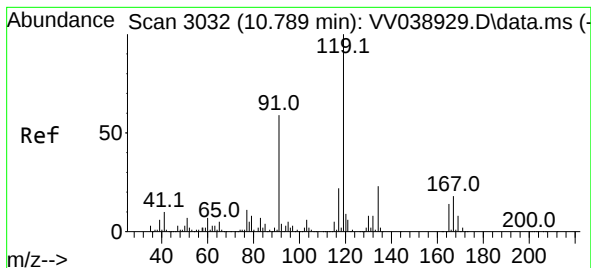
Tgt Ion: 75 Resp: 159443
Ion Ratio Lower Upper
75 100
53 0.3 69.0 103.4#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.147 ug/l
RT: 10.490 min Scan# 2939
Delta R.T. 0.029 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 91 Resp: 2336
Ion Ratio Lower Upper
91 100
126 40.2 15.0 45.0





#83

tert-Butylbenzene

Concen: 0.197 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

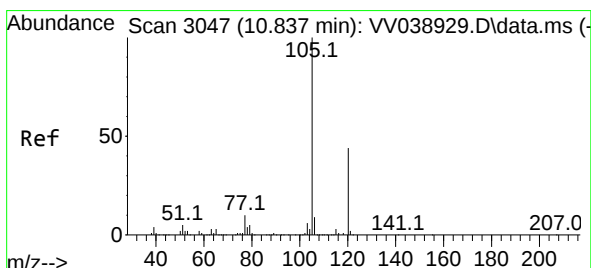
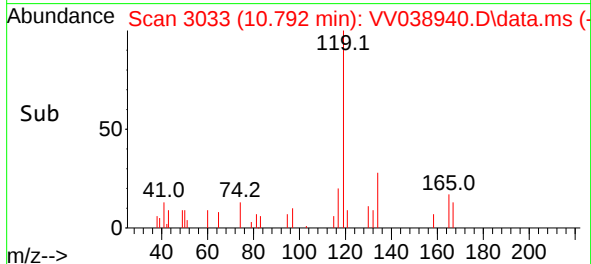
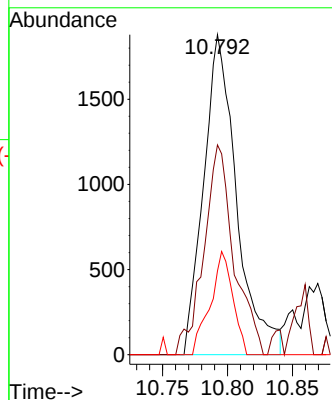
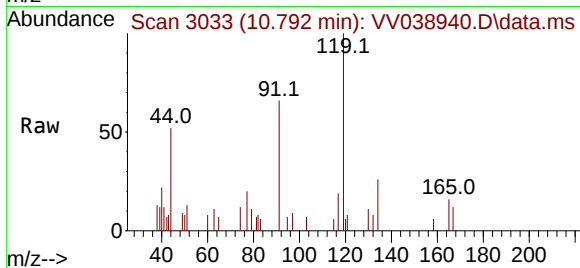
Tgt Ion:119 Resp: 3321

Ion Ratio Lower Upper

119 100

91 59.7 28.5 85.5

134 21.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 0.176 ug/l

RT: 10.853 min Scan# 3052

Delta R.T. 0.016 min

Lab File: VV038940.D

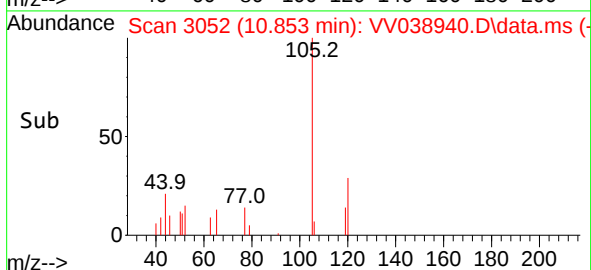
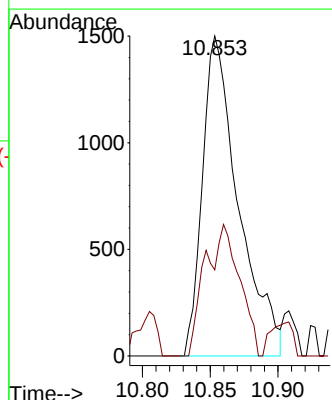
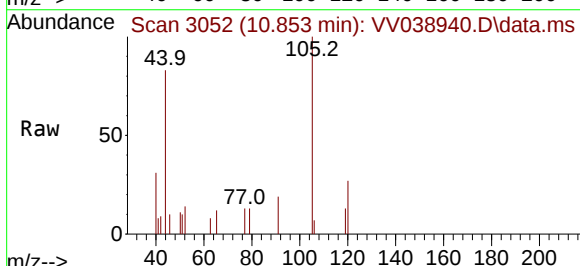
Acq: 11 Aug 2025 12:59

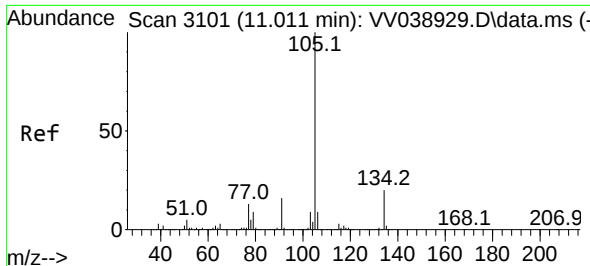
Tgt Ion:105 Resp: 2773

Ion Ratio Lower Upper

105 100

120 24.6 23.2 69.5

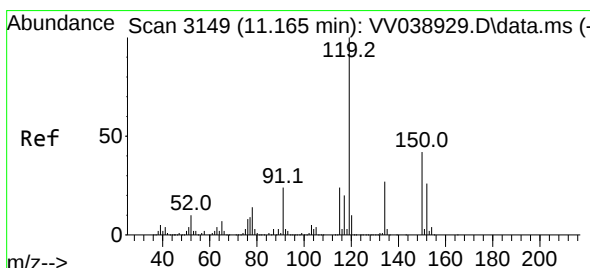
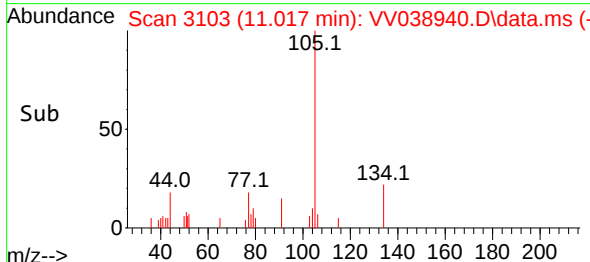
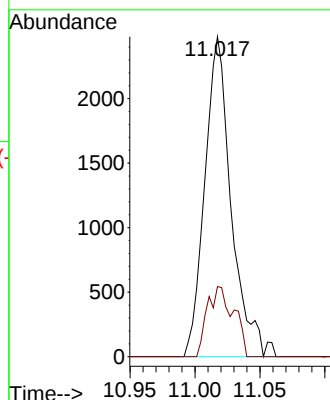
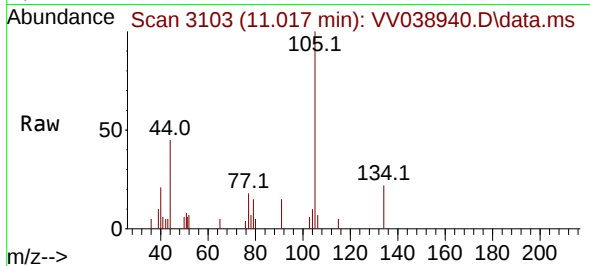




#85
 sec-Butylbenzene
 Concen: 0.165 ug/l
 RT: 11.017 min Scan# 3103
 Delta R.T. 0.006 min
 Lab File: VV038940.D
 Acq: 11 Aug 2025 12:59

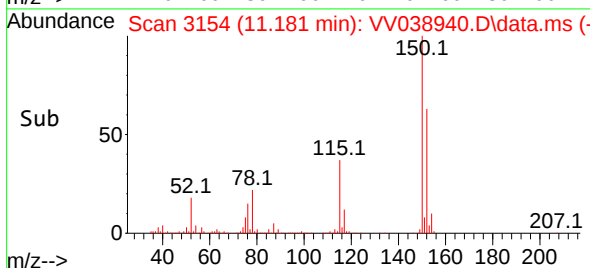
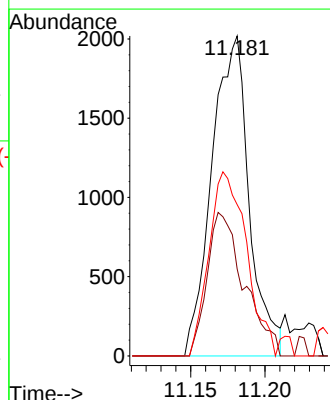
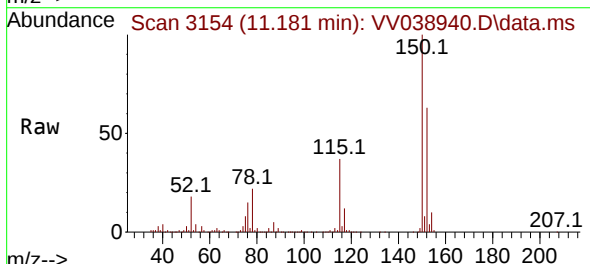
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

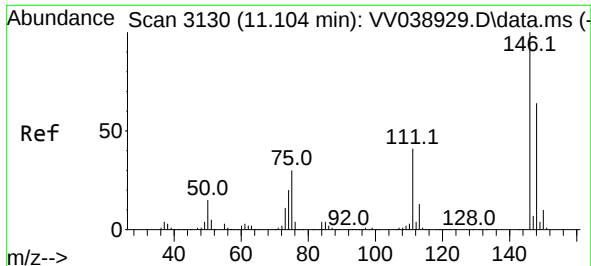
Tgt Ion:105 Resp: 3521
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.190 ug/l
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.016 min
 Lab File: VV038940.D
 Acq: 11 Aug 2025 12:59

Tgt Ion:119 Resp: 3528
 Ion Ratio Lower Upper
 119 100
 134 44.6 13.2 39.6#
 91 57.9 12.2 36.4#





#87

1,3-Dichlorobenzene

Concen: 0.242 ug/l

RT: 11.123 min Scan# 3136

Delta R.T. 0.019 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

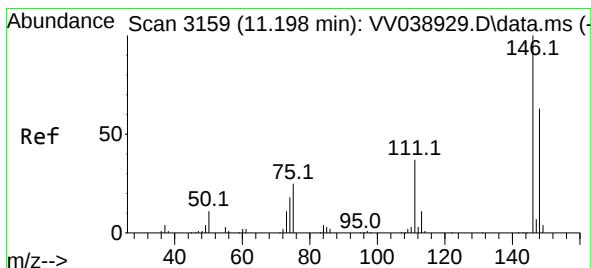
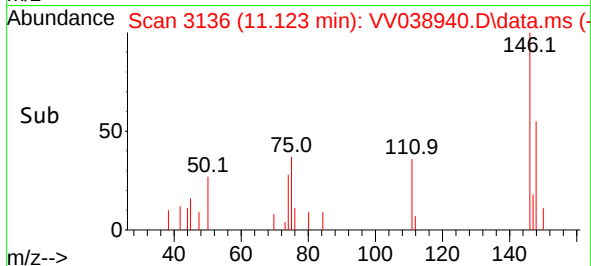
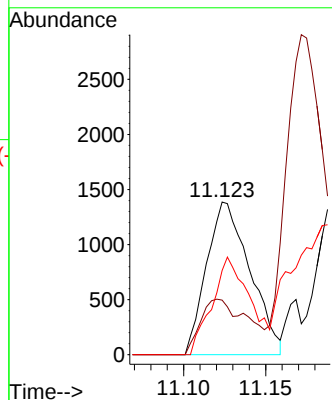
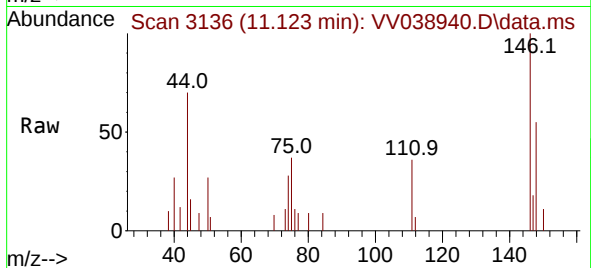
Tgt Ion:146 Resp: 2552

Ion Ratio Lower Upper

146 100

111 39.1 20.4 61.2

148 56.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 0.222 ug/l

RT: 11.123 min Scan# 3136

Delta R.T. -0.074 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

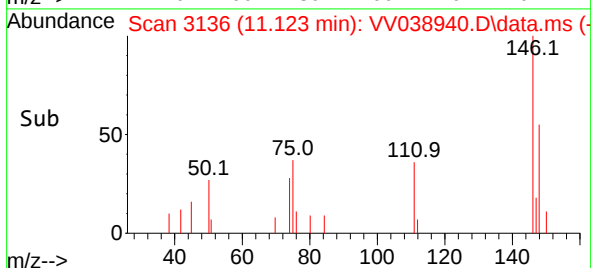
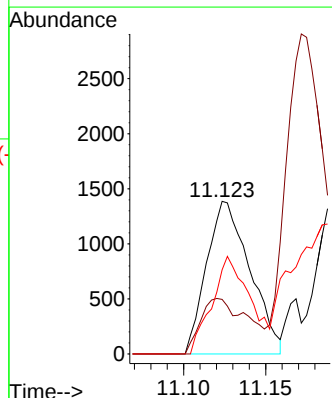
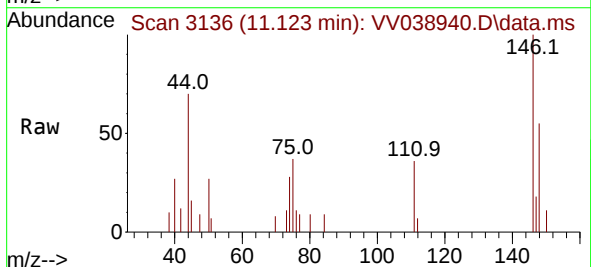
Tgt Ion:146 Resp: 2552

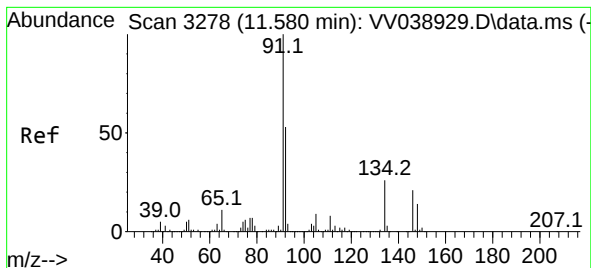
Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 56.1 31.4 94.2





#89

n-Butylbenzene

Concen: 0.146 ug/l

RT: 11.599 min Scan# 31

Delta R.T. 0.019 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

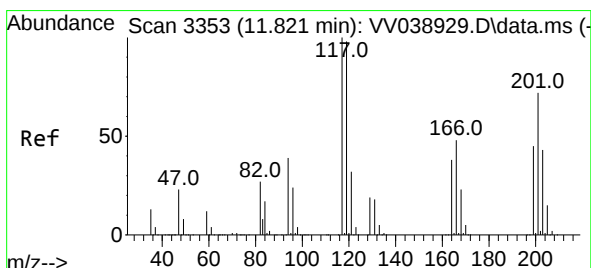
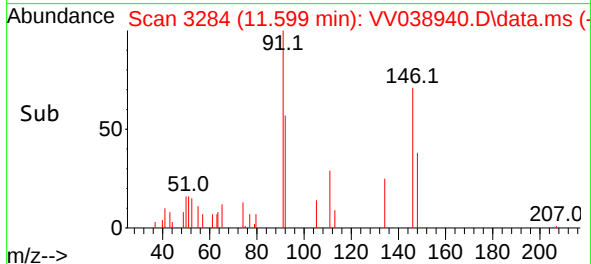
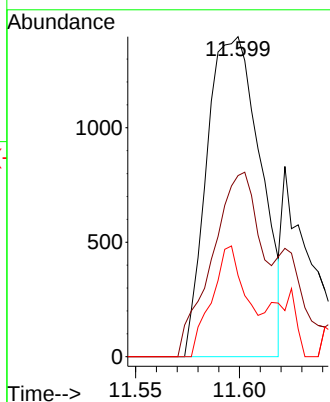
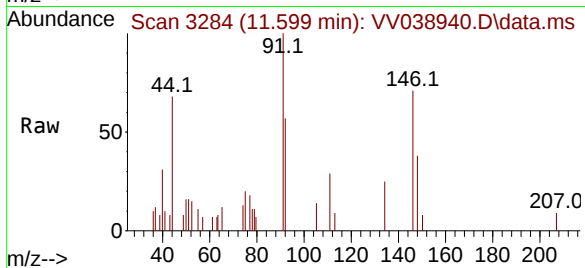
Tgt Ion: 91 Resp: 2509

Ion Ratio Lower Upper

91 100

92 53.0 26.2 78.6

134 22.0 13.0 38.9



#90

Hexachloroethane

Concen: 0.228 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.003 min

Lab File: VV038940.D

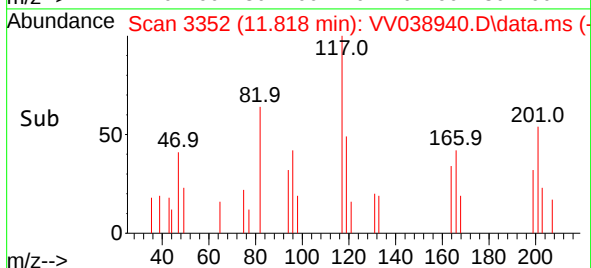
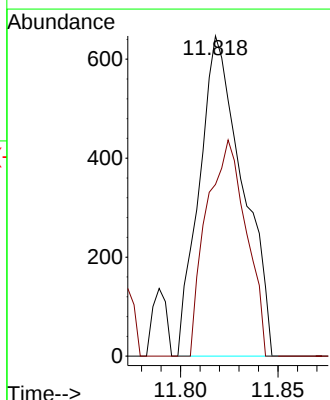
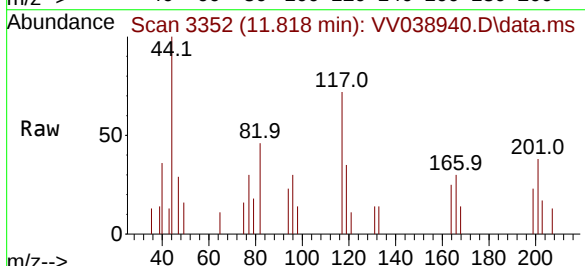
Acq: 11 Aug 2025 12:59

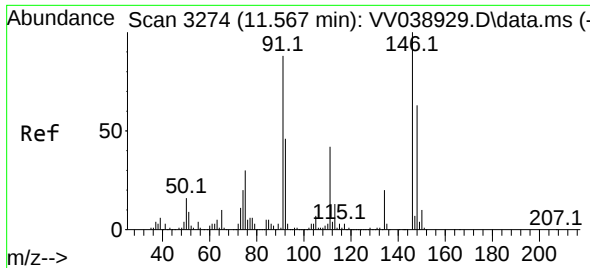
Tgt Ion: 117 Resp: 998

Ion Ratio Lower Upper

117 100

201 62.0 34.8 104.5

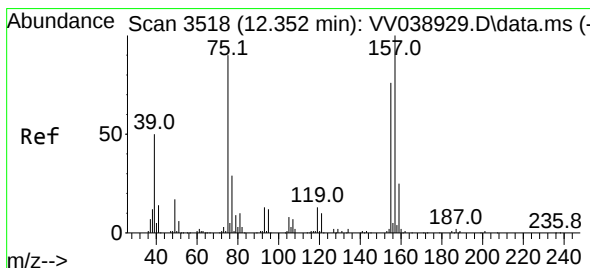
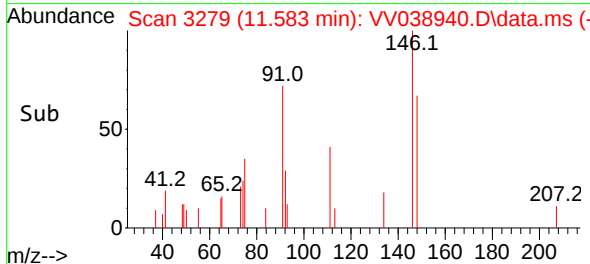
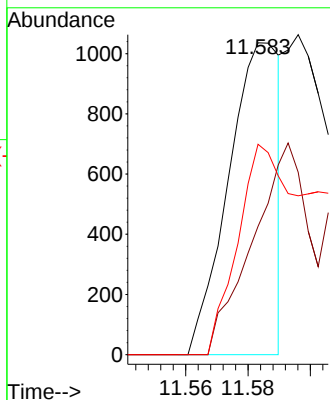
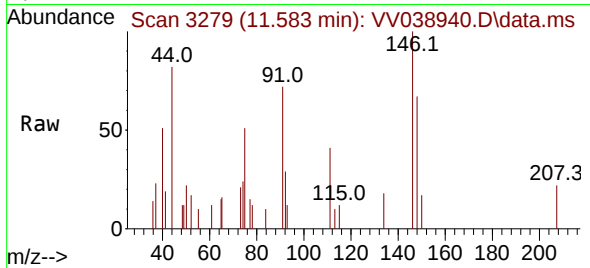




#91
1,2-Dichlorobenzene
Concen: 0.118 ug/l
RT: 11.583 min Scan# 311
Delta R.T. 0.016 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

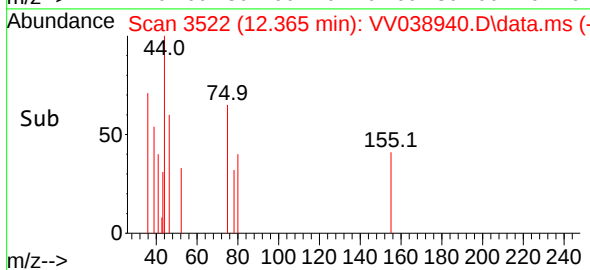
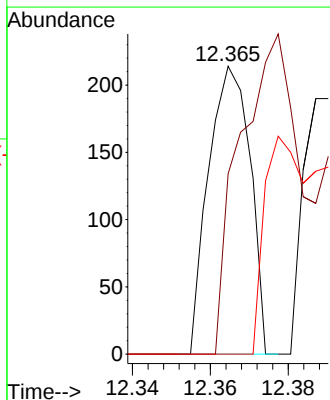
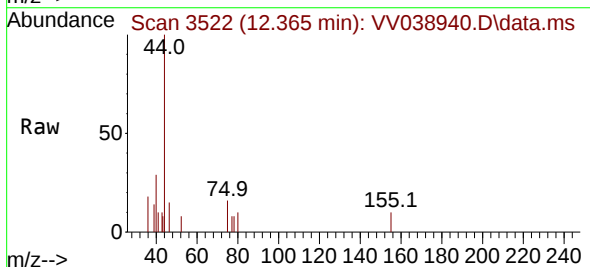
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

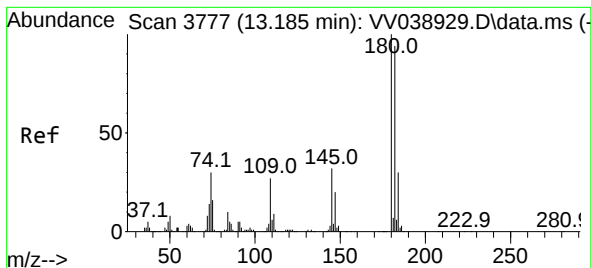
Tgt Ion:146 Resp: 1176
Ion Ratio Lower Upper
146 100
111 87.6 21.1 63.3#
148 71.4 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.091 ug/l
RT: 12.365 min Scan# 3522
Delta R.T. 0.013 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion: 75 Resp: 159
Ion Ratio Lower Upper
75 100
155 0.0 41.4 124.2#
157 0.0 53.6 160.8#





#93

1,2,4-Trichlorobenzene

Concen: 0.194 ug/l

RT: 13.217 min Scan# 31

Delta R.T. 0.032 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

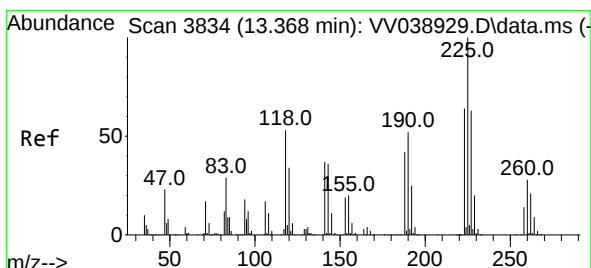
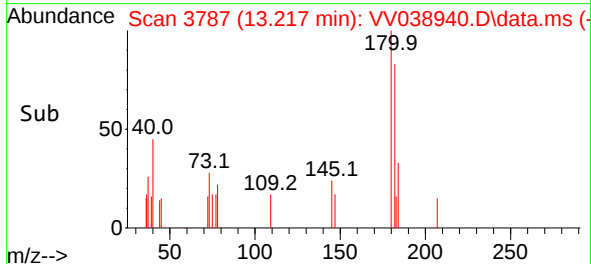
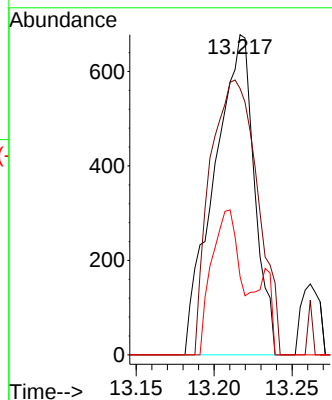
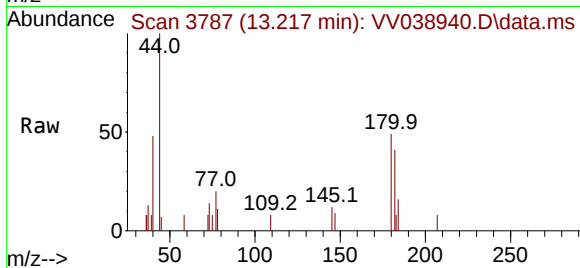
Tgt Ion:180 Resp: 1217

Ion Ratio Lower Upper

180 100

182 101.1 47.1 141.3

145 33.1 15.9 47.6



#94

Hexachlorobutadiene

Concen: 0.256 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038940.D

Acq: 11 Aug 2025 12:59

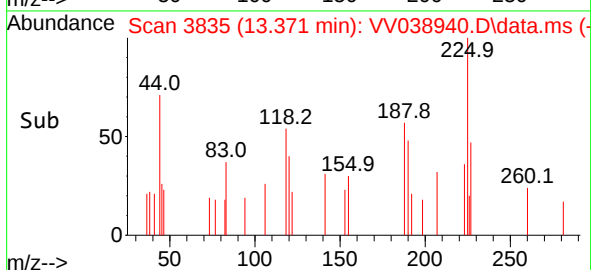
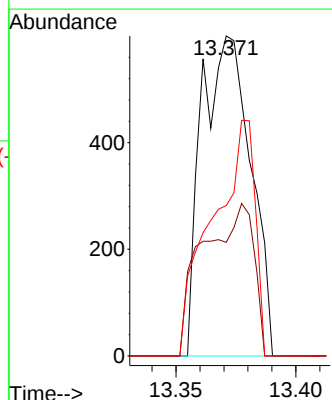
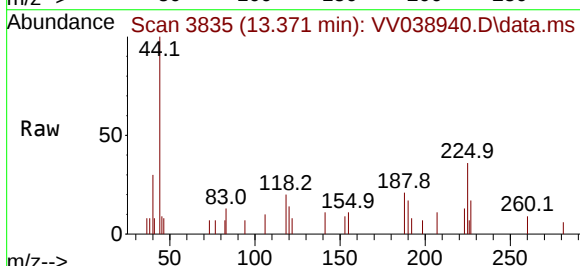
Tgt Ion:225 Resp: 851

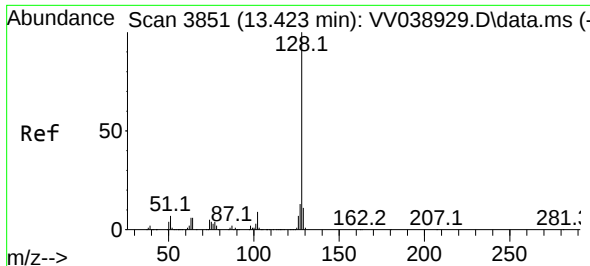
Ion Ratio Lower Upper

225 100

223 49.2 32.0 96.0

227 63.8 31.3 93.9

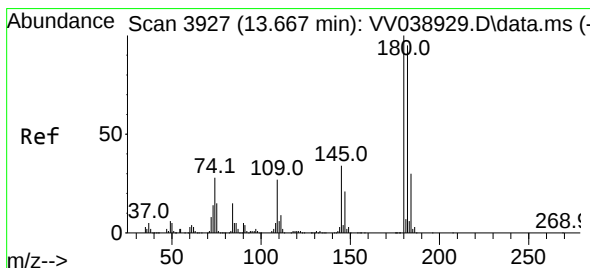
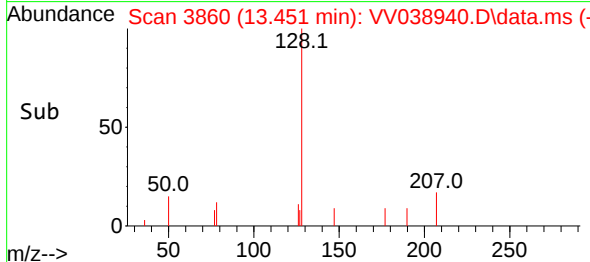
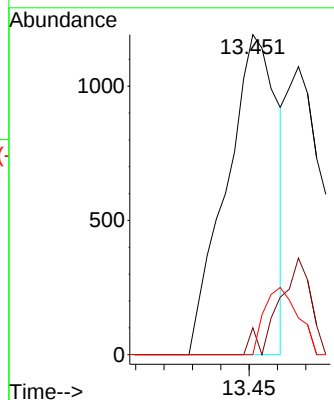
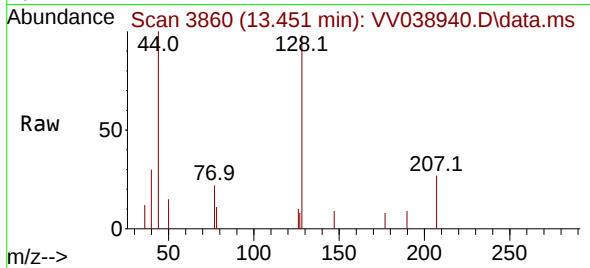




#95
Naphthalene
Concen: 0.075 ug/l
RT: 13.451 min Scan# 3860
Delta R.T. 0.029 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

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

Tgt Ion:128 Resp: 1484
Ion Ratio Lower Upper
128 100
127 18.7 10.6 15.8#
129 13.9 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.252 ug/l
RT: 13.683 min Scan# 3932
Delta R.T. 0.016 min
Lab File: VV038940.D
Acq: 11 Aug 2025 12:59

Tgt Ion:180 Resp: 1619
Ion Ratio Lower Upper
180 100
182 68.1 47.5 142.5
145 19.3 17.1 51.3

