

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039032.D
 Acq On : 25 Aug 2025 15:10
 Operator : SY/MD
 Sample : Q2893-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 26 03:47:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 03:46:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	464356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	854747	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	793256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	365666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	372260	55.582	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 111.160%	
35) Dibromofluoromethane	4.500	113	318416	51.729	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 103.460%	
50) Toluene-d8	7.236	98	1015209	46.580	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 93.160%	
62) 4-Bromofluorobenzene	10.001	95	348335	43.618	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 87.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	2074	0.334	ug/l	84
3) Chloromethane	1.230	50	2434	0.367	ug/l #	86
4) Vinyl Chloride	1.294	62	2635	0.341	ug/l #	67
5) Bromomethane	1.500	94	2389	0.615	ug/l	97
6) Chloroethane	1.558	64	3441	0.735	ug/l #	54
7) Trichlorofluoromethane	1.725	101	3701	0.333	ug/l	95
8) Diethyl Ether	1.921	74	1308	0.310	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.085	101	2561	0.382	ug/l	99
10) Methyl Iodide	2.207	142	4257	0.864	ug/l	97
11) Tert butyl alcohol	2.564	59	722	0.601	ug/l #	90
12) 1,1-Dichloroethene	2.082	96	2743	0.428	ug/l #	73
13) Acrolein	2.011	56	1496	2.756	ug/l #	23
14) Allyl chloride	2.359	41	2906	0.288	ug/l #	63
15) Acrylonitrile	2.616	53	247	0.069	ug/l #	34
16) Acetone	2.121	43	7939	1.877	ug/l	96
17) Carbon Disulfide	2.252	76	9427	0.529	ug/l	98
18) Methyl Acetate	2.349	43	309	0.037	ug/l #	1
19) Methyl tert-butyl Ether	2.719	73	4440	0.235	ug/l #	84
20) Methylene Chloride	2.465	84	5115	0.740	ug/l #	92
21) trans-1,2-Dichloroethene	2.712	96	2306	0.359	ug/l	95
22) Diisopropyl ether	3.227	45	3861	0.210	ug/l #	23
23) Vinyl Acetate	3.220	43	1162	0.076	ug/l #	70
24) 1,1-Dichloroethane	3.124	63	2176	0.189	ug/l #	90
25) 2-Butanone	3.860	43	225	0.049	ug/l #	47
26) 2,2-Dichloropropane	3.802	77	1033	0.104	ug/l #	62
27) cis-1,2-Dichloroethene	3.834	96	369	0.052	ug/l #	1
28) Bromochloromethane	4.133	49	21	0.007	ug/l #	11
29) Tetrahydrofuran	4.220	42	77	0.026	ug/l #	17
30) Chloroform	4.294	83	3338	0.279	ug/l #	74
31) Cyclohexane	4.590	56	12274	1.205	ug/l #	2
32) 1,1,1-Trichloroethane	4.513	97	2222	0.211	ug/l #	43
36) 1,1-Dichloropropene	4.596	75	38771	4.687	ug/l #	49
37) Ethyl Acetate	3.963	43	212	0.022	ug/l #	1
38) Carbon Tetrachloride	4.731	117	2680	0.271	ug/l	91
39) Methylcyclohexane	6.043	83	1966	0.185	ug/l #	77
40) Benzene	5.034	78	5530	0.209	ug/l #	71

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.143	41	99	0.032	ug/l #	1
42) 1,2-Dichloroethane	5.069	62	1514	0.164	ug/l	81
43) Isopropyl Acetate	5.207	43	195	0.014	ug/l #	59
44) Trichloroethene	5.854	130	2171	0.327	ug/l	99
45) 1,2-Dichloropropane	6.066	63	128	0.019	ug/l #	44
46) Dibromomethane	6.243	93	240	0.047	ug/l #	6
47) Bromodichloromethane	6.448	83	2886	0.275	ug/l #	98
48) Methyl methacrylate	6.297	41	281	0.042	ug/l #	9
49) 1,4-Dioxane	6.278	88	47	0.412	ug/l #	1
51) 4-Methyl-2-Pentanone	7.165	43	6756	0.695	ug/l	92
52) Toluene	7.320	92	4968	0.295	ug/l	100
53) t-1,3-Dichloropropene	7.628	75	1577	0.156	ug/l #	61
54) cis-1,3-Dichloropropene	6.992	75	2585	0.239	ug/l #	79
55) 1,1,2-Trichloroethane	7.776	97	677	0.096	ug/l #	77
56) Ethyl methacrylate	7.751	69	193	0.021	ug/l #	79
57) 1,3-Dichloropropane	7.960	76	2850	0.251	ug/l #	78
58) 2-Chloroethyl Vinyl ether	6.809	63	98	0.021	ug/l #	86
59) 2-Hexanone	8.063	43	139	0.019	ug/l	92
60) Dibromochloromethane	8.181	129	2704	0.332	ug/l	87
61) 1,2-Dibromoethane	8.291	107	840	0.116	ug/l	82
64) Tetrachloroethene	7.899	164	1912	0.339	ug/l #	73
65) Chlorobenzene	8.812	112	6444	0.339	ug/l	93
66) 1,1,1,2-Tetrachloroethane	8.902	131	1707	0.258	ug/l #	57
67) Ethyl Benzene	8.956	91	8173	0.272	ug/l #	85
68) m/p-Xylenes	9.085	106	5346	0.463	ug/l	83
69) o-Xylene	9.487	106	2478	0.234	ug/l	98
70) Styrene	9.529	104	1381	0.074	ug/l	94
71) Bromoform	9.664	173	1785	0.333	ug/l #	99
73) Isopropylbenzene	9.866	105	6677	0.261	ug/l	94
74) N-amyl acetate	9.738	43	63	0.006	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	10.181	83	3645	0.361	ug/l	90
76) 1,2,3-Trichloropropane	10.001	75	173980	24.238	ug/l #	54
77) Bromobenzene	10.159	156	2139	0.337	ug/l	95
78) n-propylbenzene	10.294	91	8957	0.296	ug/l	97
79) 2-Chlorotoluene	10.365	91	5612	0.301	ug/l	98
80) 1,3,5-Trimethylbenzene	10.474	105	5616	0.267	ug/l	92
81) trans-1,4-Dichloro-2-b...	10.001	75	173980	53.305	ug/l #	14
82) 4-Chlorotoluene	10.490	91	5355	0.252	ug/l	85
83) tert-Butylbenzene	10.796	119	5406	0.253	ug/l	85
84) 1,2,4-Trimethylbenzene	10.857	105	5213	0.253	ug/l	89
85) sec-Butylbenzene	11.017	105	7457	0.265	ug/l	96
86) p-Isopropyltoluene	11.175	119	6669	0.284	ug/l #	77
87) 1,3-Dichlorobenzene	11.123	146	4848	0.382	ug/l	96
88) 1,4-Dichlorobenzene	11.123	146	4848	0.355	ug/l	96
89) n-Butylbenzene	11.596	91	6277	0.277	ug/l	86
90) Hexachloroethane	11.824	117	1808	0.345	ug/l	67
91) 1,2-Dichlorobenzene	11.590	146	3350	0.272	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.345	75	127	0.058	ug/l #	2
93) 1,2,4-Trichlorobenzene	13.207	180	2605	0.365	ug/l	74
94) Hexachlorobutadiene	13.368	225	1191	0.357	ug/l	87
95) Naphthalene	13.458	128	6850	0.277	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.686	180	2263	0.313	ug/l	78

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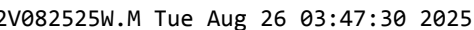
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

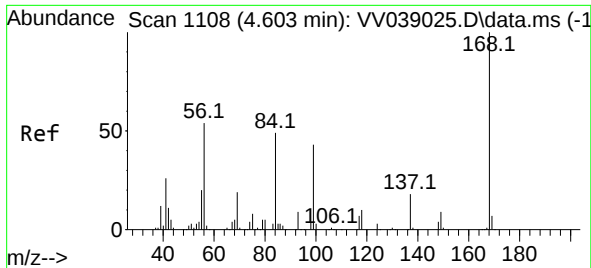
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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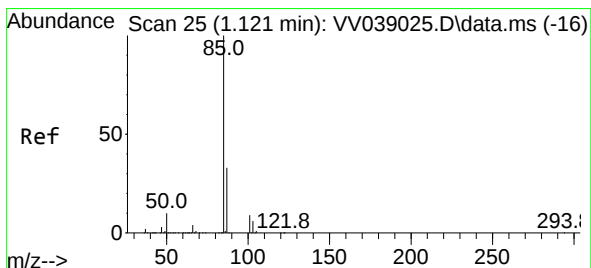
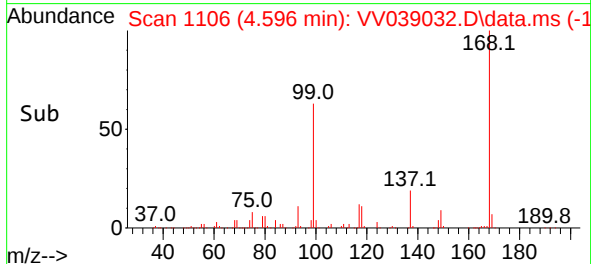
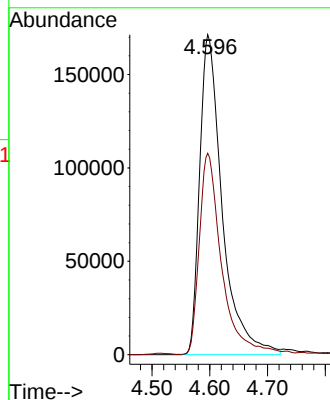
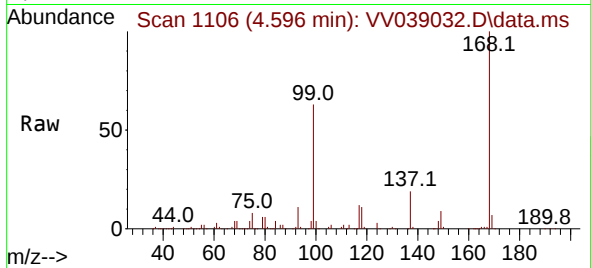




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.007 min
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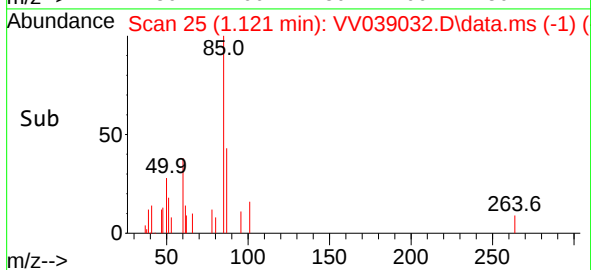
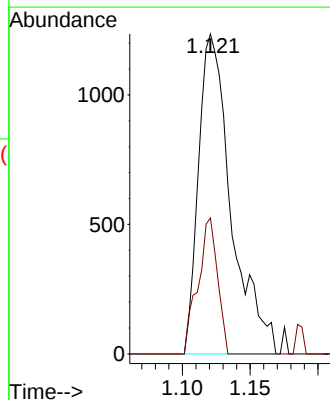
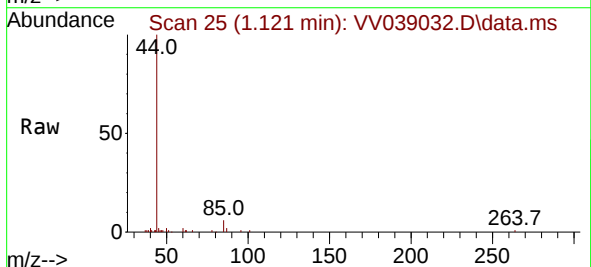
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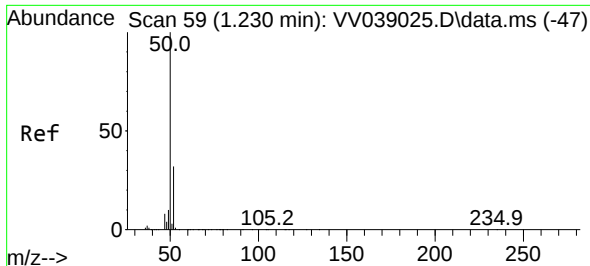
Tgt Ion:168 Resp: 464356
Ion Ratio Lower Upper
168 100
99 62.9 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 0.334 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 85 Resp: 2074
Ion Ratio Lower Upper
85 100
87 42.5 16.6 49.8

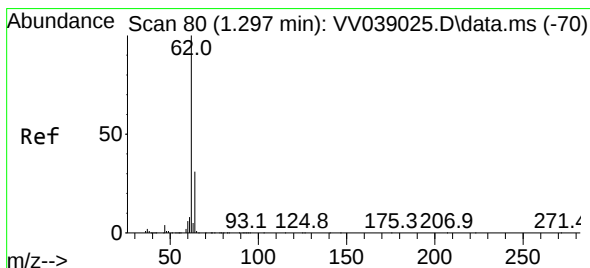
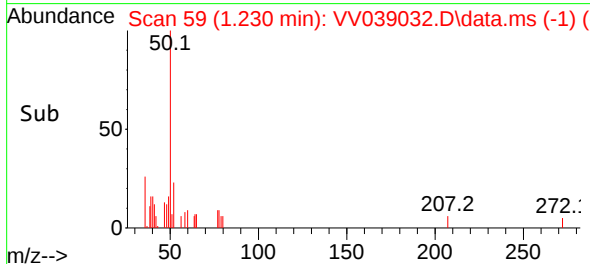
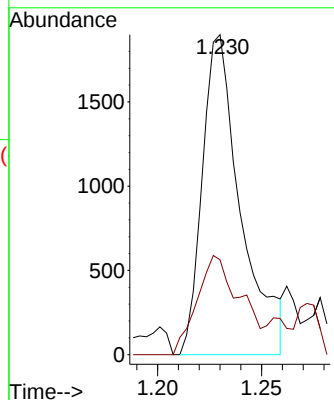
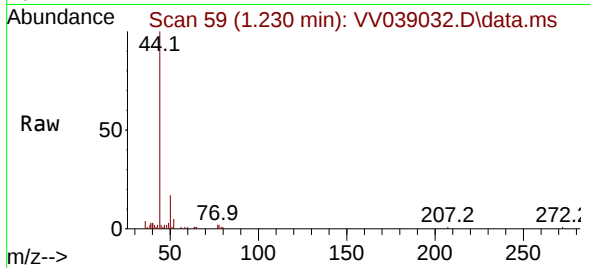




#3
Chloromethane
Concen: 0.367 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039032.D
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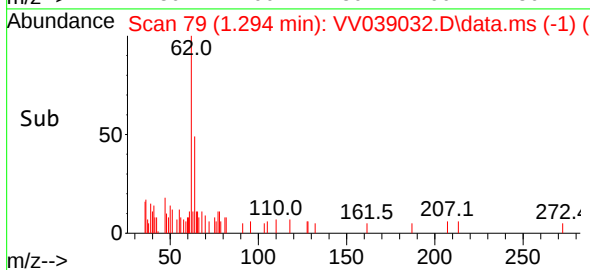
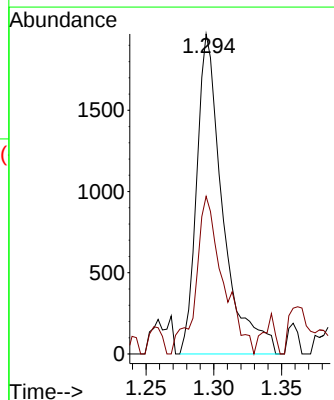
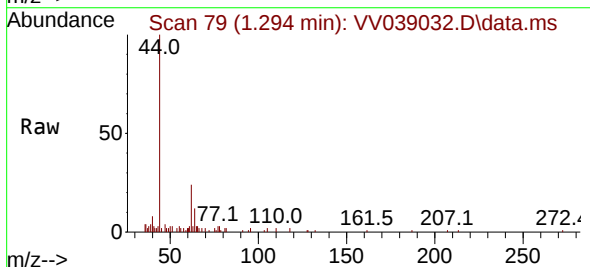
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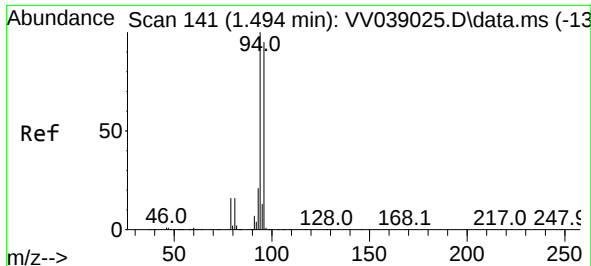
Tgt Ion: 50 Resp: 2434
Ion Ratio Lower Upper
50 100
52 24.2 25.6 38.4#



#4
Vinyl Chloride
Concen: 0.341 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 62 Resp: 2635
Ion Ratio Lower Upper
62 100
64 49.2 24.7 37.1#

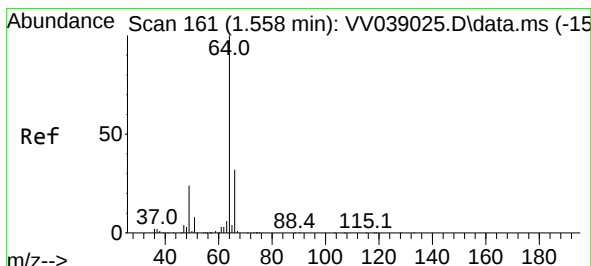
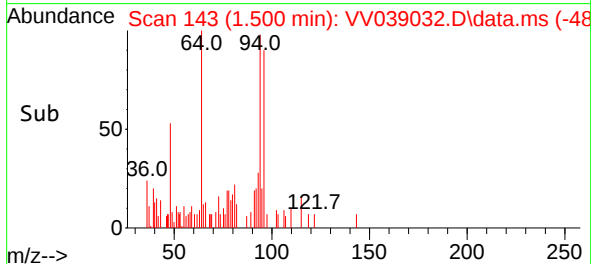
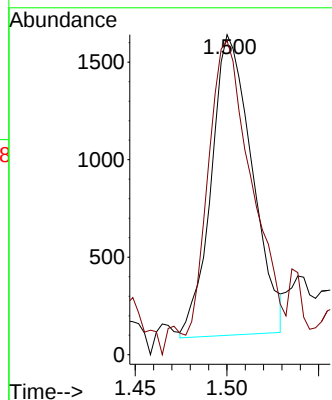
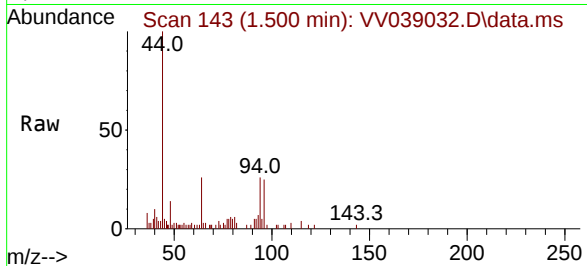




#5
Bromomethane
Concen: 0.615 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

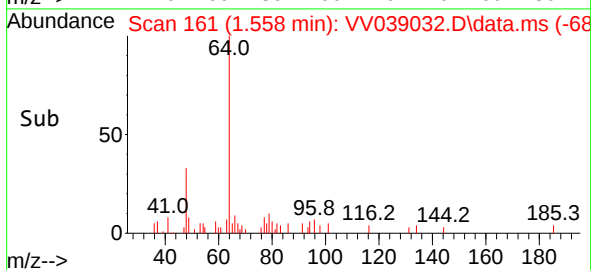
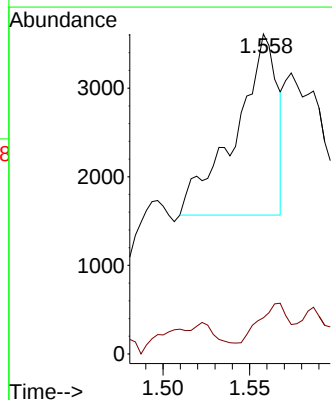
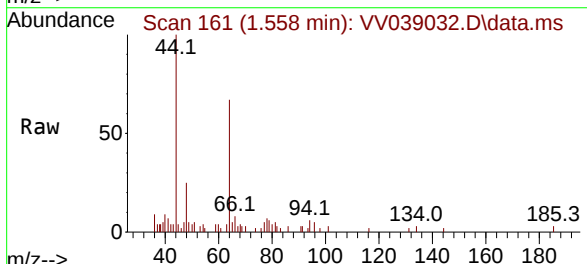
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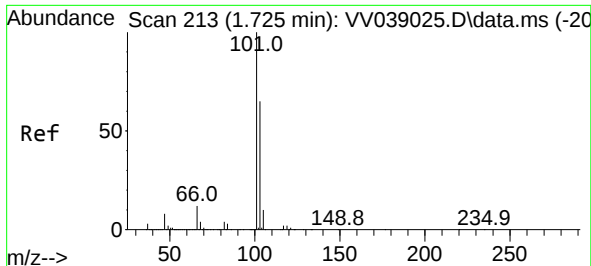
Tgt Ion: 94 Resp: 2389
Ion Ratio Lower Upper
94 100
96 98.2 76.2 114.2



#6
Chloroethane
Concen: 0.735 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 64 Resp: 3441
Ion Ratio Lower Upper
64 100
66 6.3 25.4 38.2#

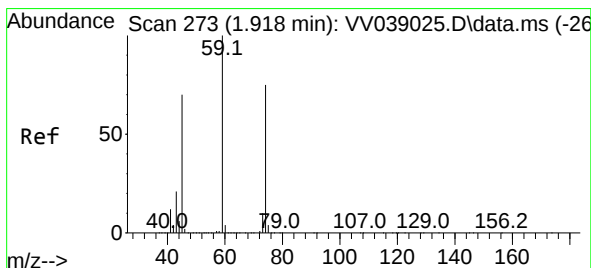
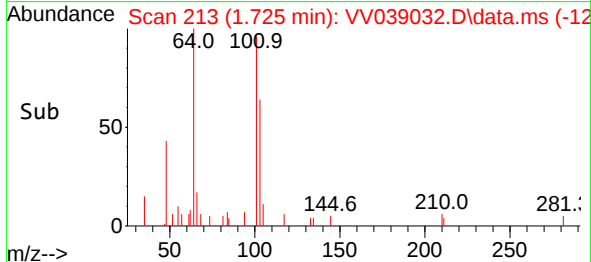
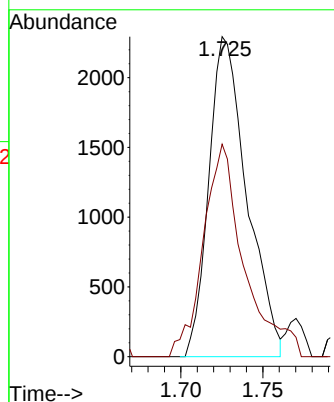
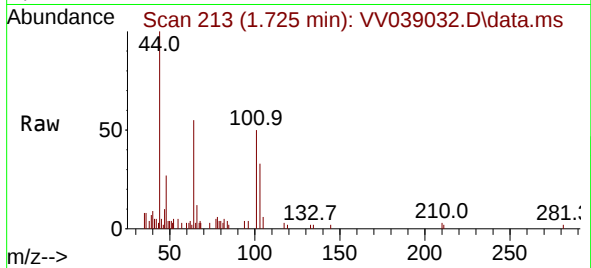




#7
 Trichlorofluoromethane
 Concen: 0.333 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10

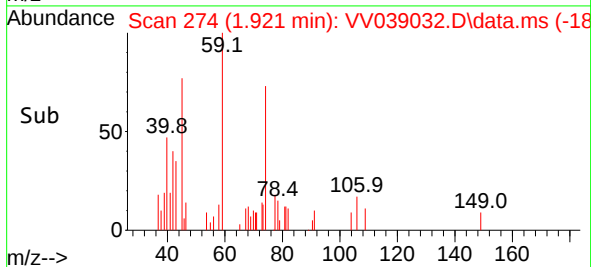
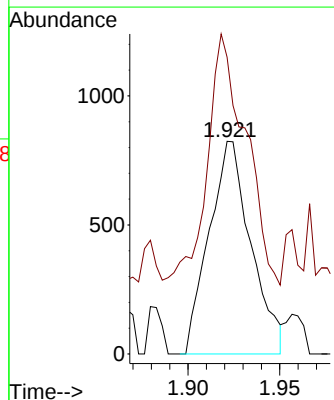
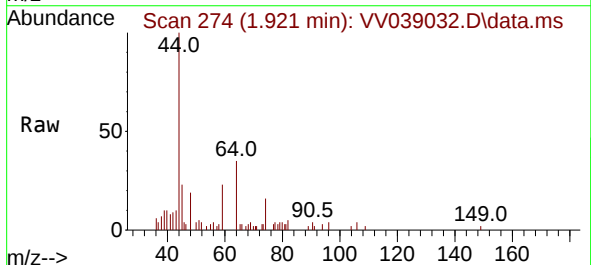
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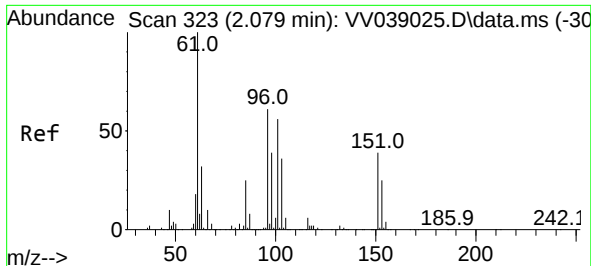
Tgt Ion:101 Resp: 3701
 Ion Ratio Lower Upper
 101 100
 103 61.0 51.7 77.5



#8
 Diethyl Ether
 Concen: 0.310 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.003 min
 Lab File: VV039032.D
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Tgt Ion: 74 Resp: 1308
 Ion Ratio Lower Upper
 74 100
 45 113.8 48.1 144.4

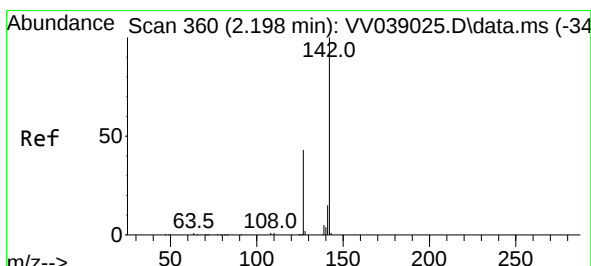
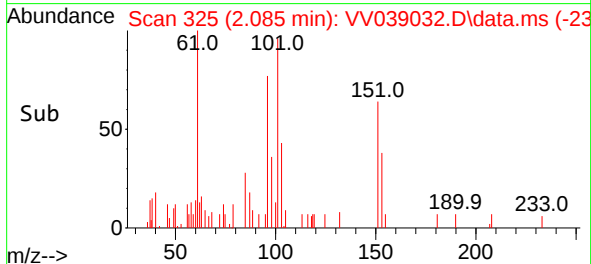
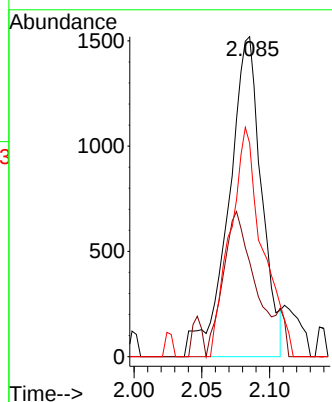
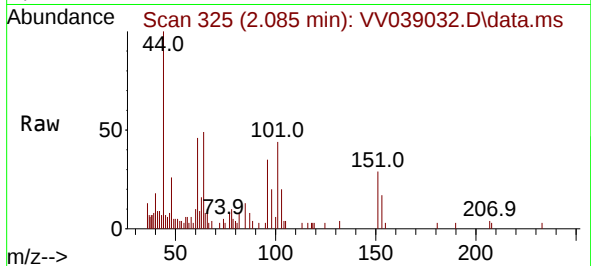




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.382 ug/l
RT: 2.085 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

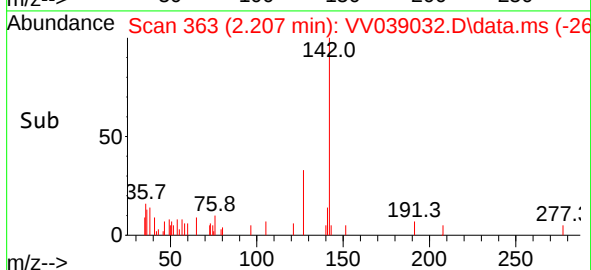
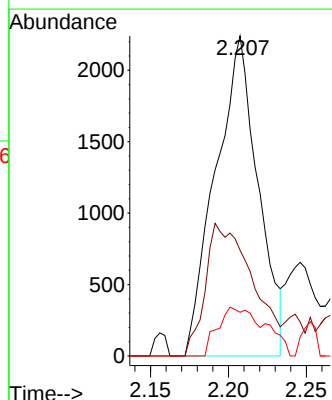
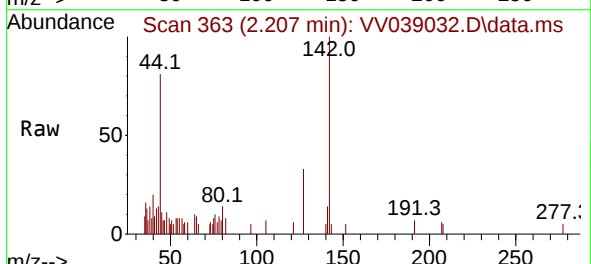
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

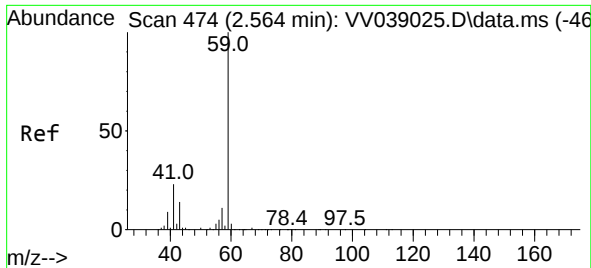
Tgt Ion:101 Resp: 2561
Ion Ratio Lower Upper
101 100
85 42.7 35.5 53.3
151 70.7 56.1 84.1



#10
Methyl Iodide
Concen: 0.864 ug/l
RT: 2.207 min Scan# 363
Delta R.T. 0.009 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:142 Resp: 4257
Ion Ratio Lower Upper
142 100
127 45.9 35.7 53.5
141 16.9 11.6 17.4

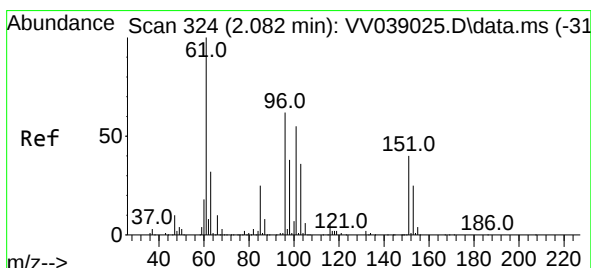
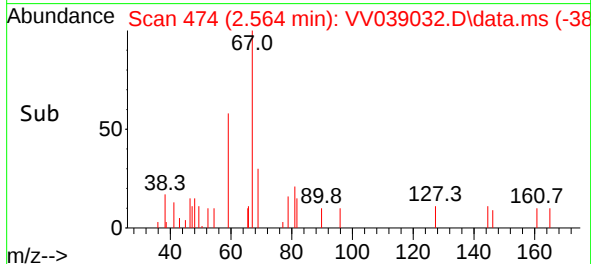
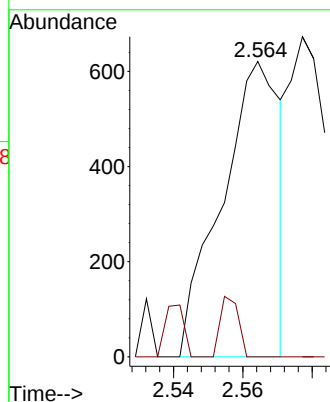
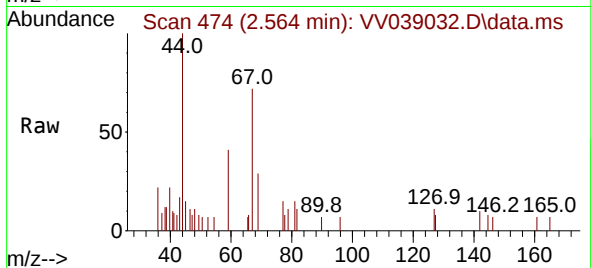




#11
Tert butyl alcohol
Concen: 0.601 ug/l
RT: 2.564 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

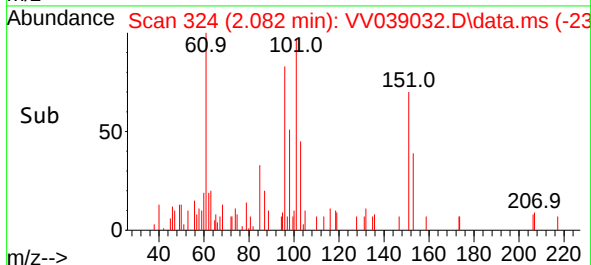
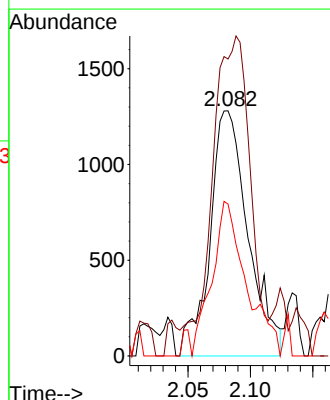
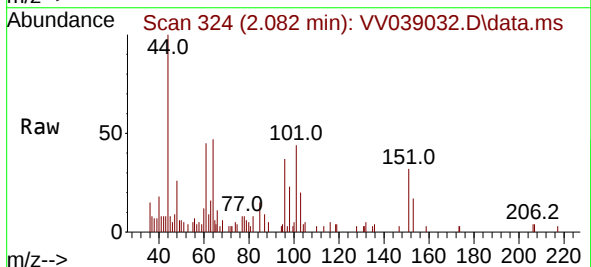
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

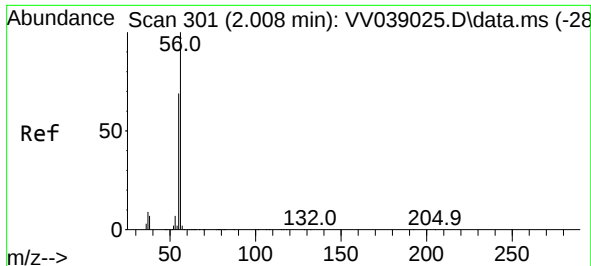
Tgt Ion: 59 Resp: 722
Ion Ratio Lower Upper
59 100
57 6.4 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 0.428 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 96 Resp: 2743
Ion Ratio Lower Upper
96 100
61 110.6 128.2 192.2#
98 62.0 49.3 73.9

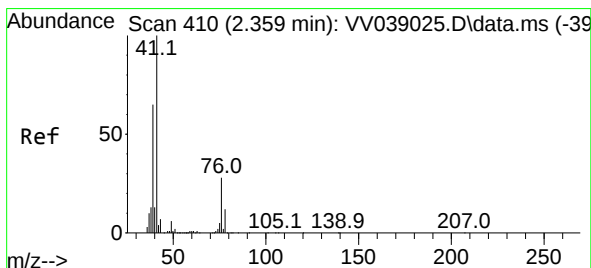
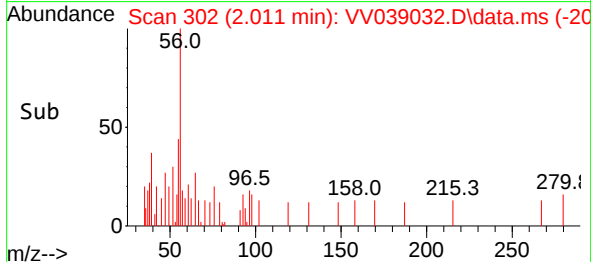
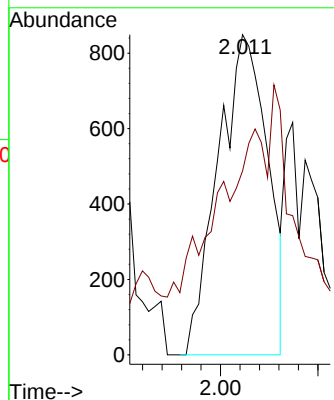
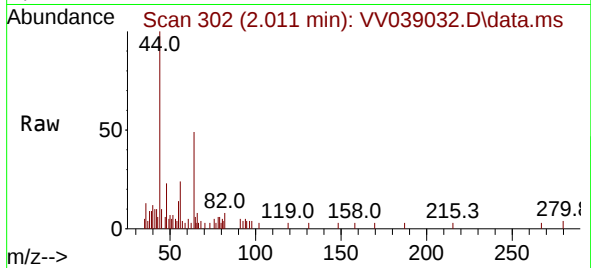




#13
Acrolein
Concen: 2.756 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

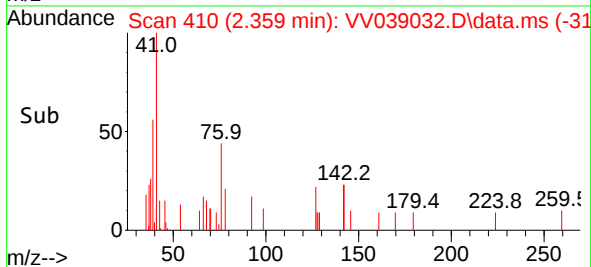
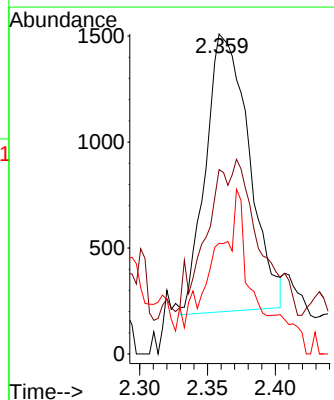
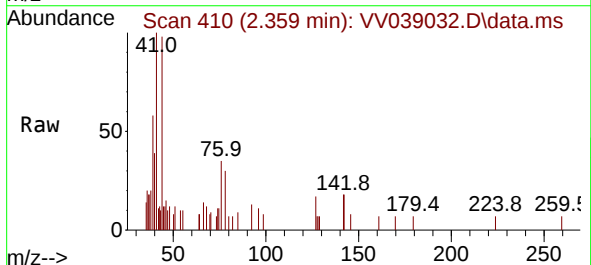
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

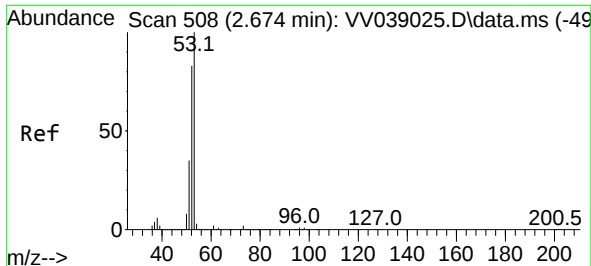
Tgt Ion: 56 Resp: 1496
Ion Ratio Lower Upper
56 100
55 6.1 54.7 82.1#



#14
Allyl chloride
Concen: 0.288 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 41 Resp: 2906
Ion Ratio Lower Upper
41 100
39 28.5 48.5 72.7#
76 52.2 29.0 43.6#

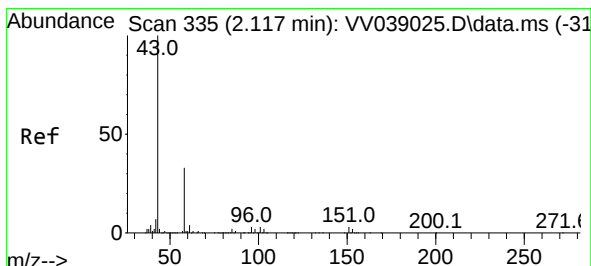
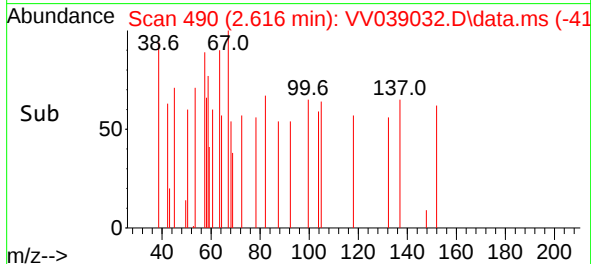
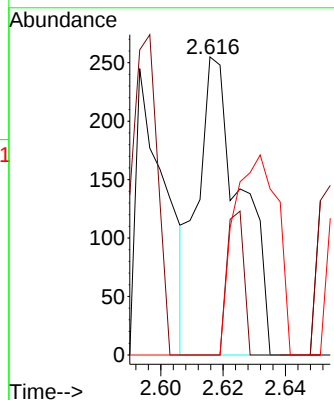
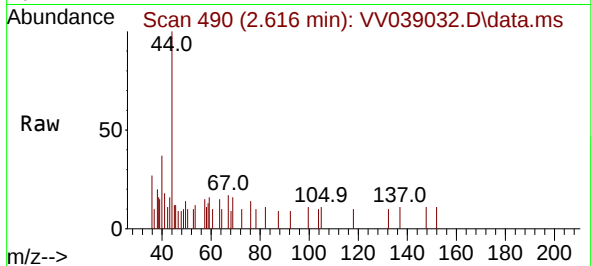




#15
Acrylonitrile
Concen: 0.069 ug/l
RT: 2.616 min Scan# 490
Delta R.T. -0.058 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

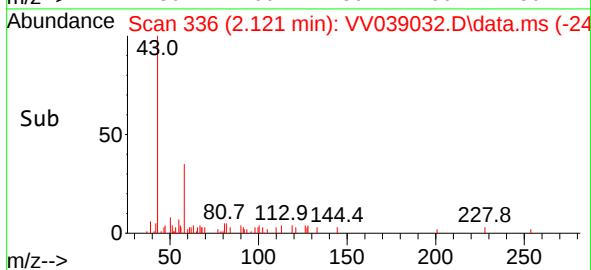
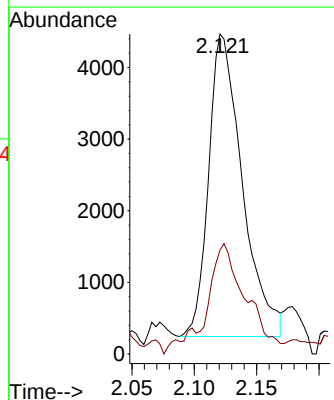
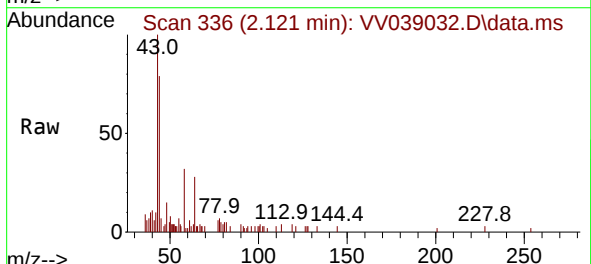
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

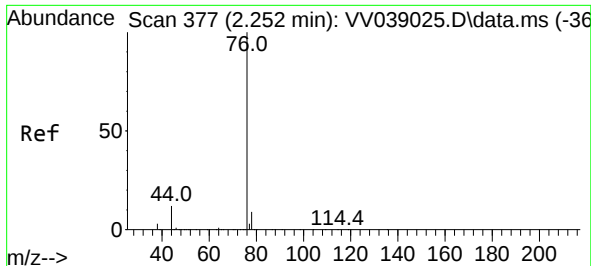
Tgt Ion: 53	Resp: 247
Ion Ratio	Lower Upper
53	100
52	18.6 65.9 98.9#
51	66.8 27.9 41.9#



#16
Acetone
Concen: 1.877 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.004 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 43	Resp: 7939
Ion Ratio	Lower Upper
43	100
58	30.9 26.6 40.0

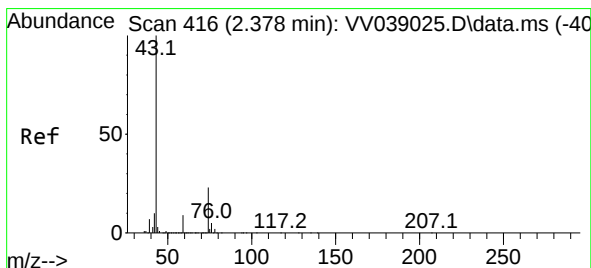
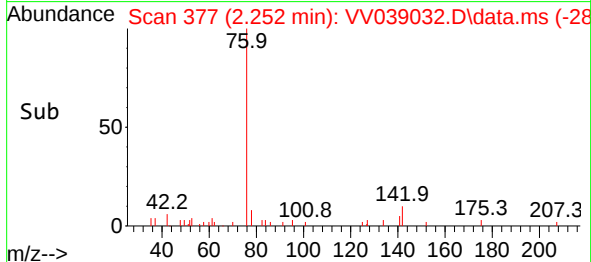
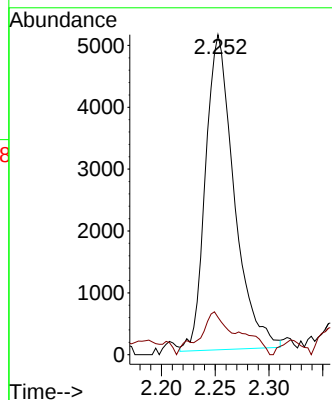
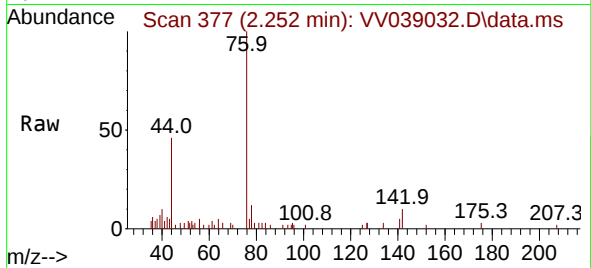




#17
Carbon Disulfide
Concen: 0.529 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

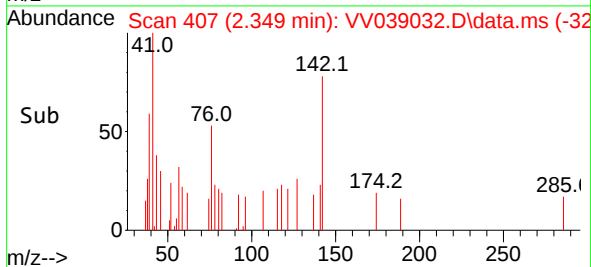
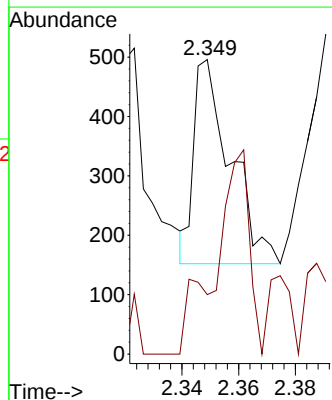
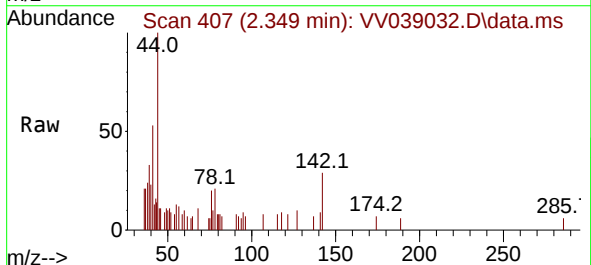
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

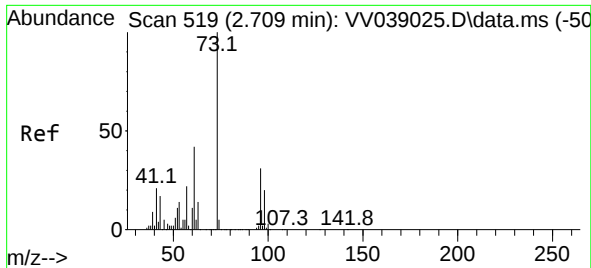
Tgt Ion: 76 Resp: 9427
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 0.037 ug/l
RT: 2.349 min Scan# 407
Delta R.T. -0.029 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
74 92.6 18.9 28.3#

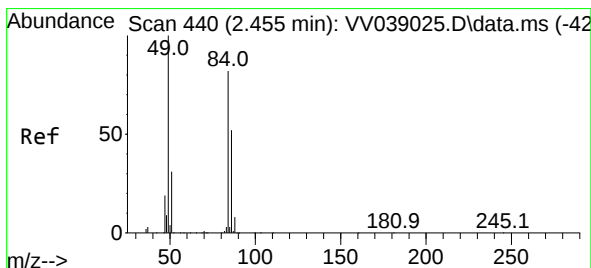
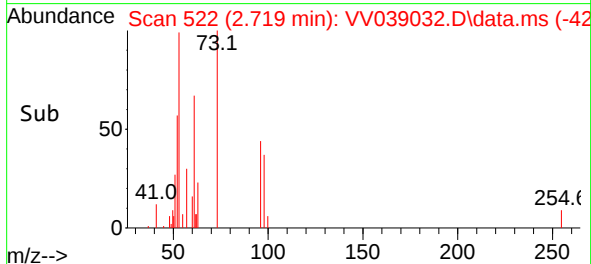
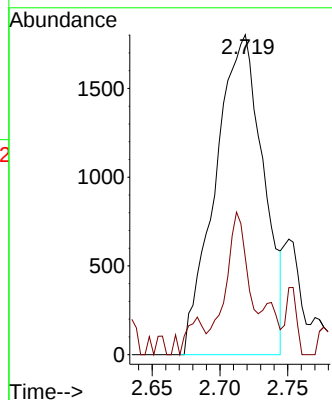
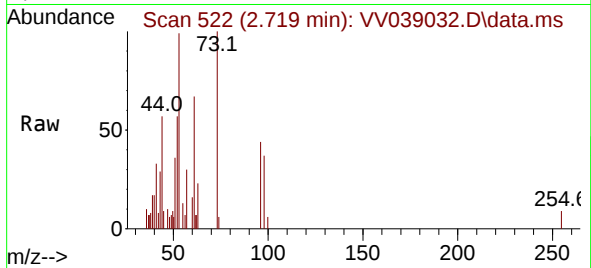




#19
Methyl tert-butyl Ether
Concen: 0.235 ug/l
RT: 2.719 min Scan# 519
Delta R.T. 0.010 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

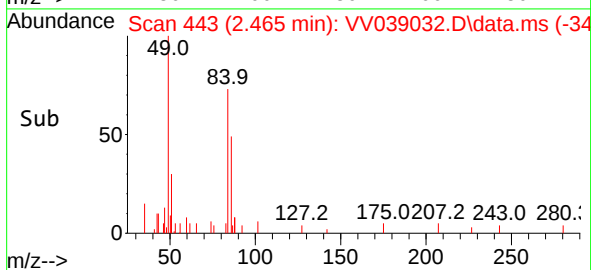
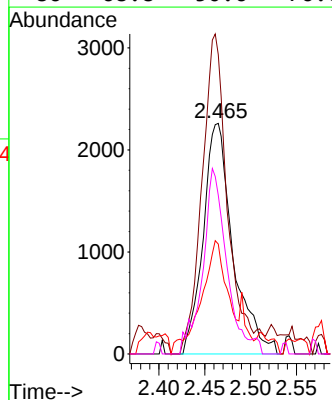
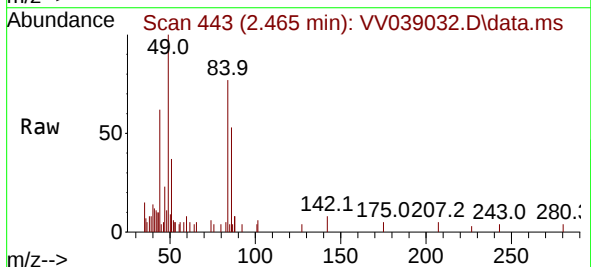
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

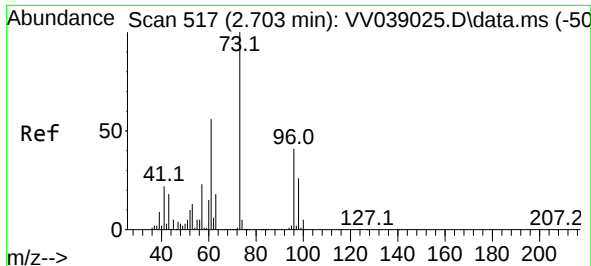
Tgt Ion: 73 Resp: 4440
Ion Ratio Lower Upper
73 100
57 30.3 17.9 26.9#



#20
Methylene Chloride
Concen: 0.740 ug/l
RT: 2.465 min Scan# 443
Delta R.T. 0.010 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 84 Resp: 5115
Ion Ratio Lower Upper
84 100
49 129.8 97.8 146.8
51 47.6 30.3 45.5#
86 68.8 50.6 76.0

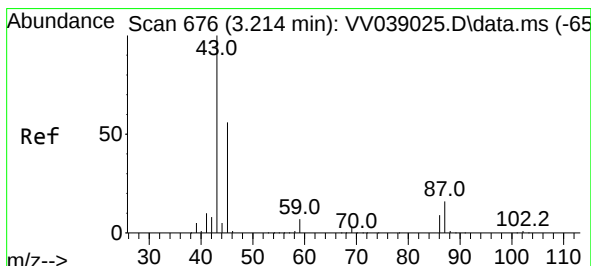
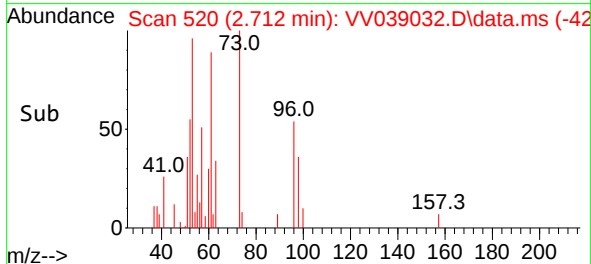
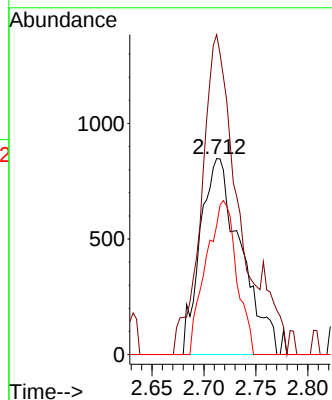
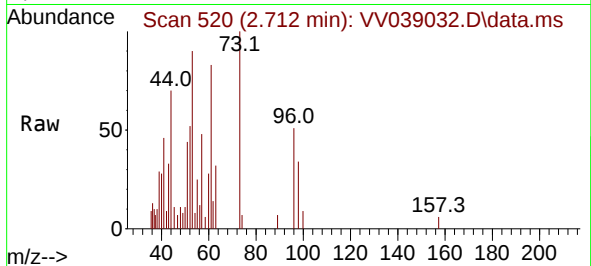




#21
trans-1,2-Dichloroethene
Concen: 0.359 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

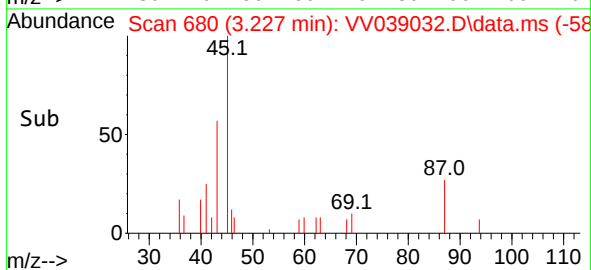
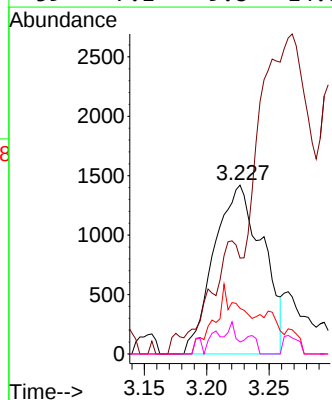
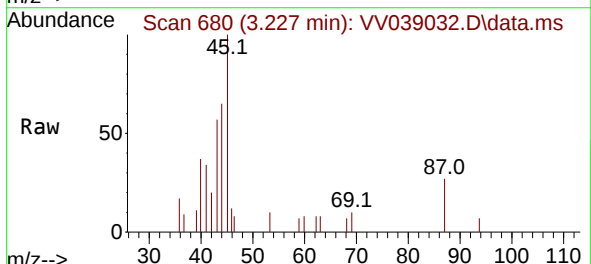
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

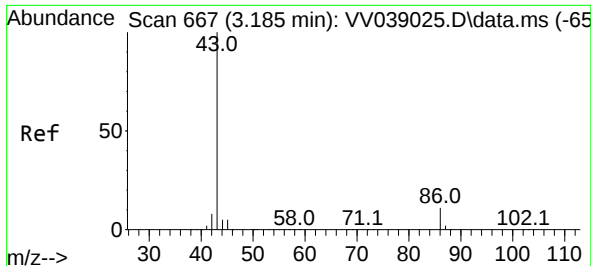
Tgt Ion: 96 Resp: 2306
Ion Ratio Lower Upper
96 100
61 144.5 110.1 165.1
98 65.9 50.2 75.4



#22
Diisopropyl ether
Concen: 0.210 ug/l
RT: 3.227 min Scan# 680
Delta R.T. 0.013 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 45 Resp: 3861
Ion Ratio Lower Upper
45 100
43 46.7 143.0 214.4#
87 27.0 23.8 35.6
59 7.1 9.8 14.8#

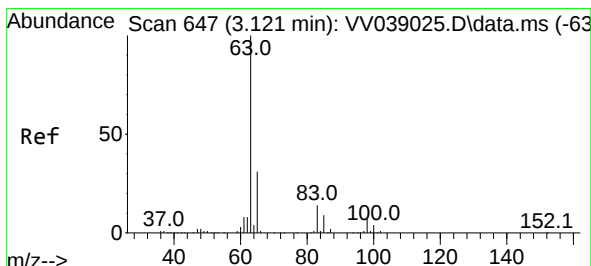
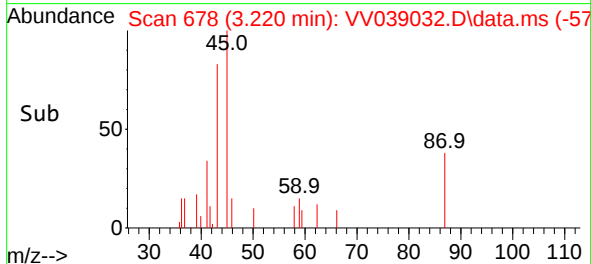
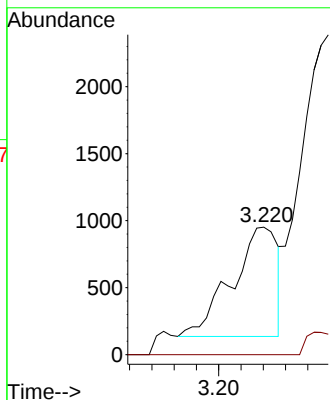
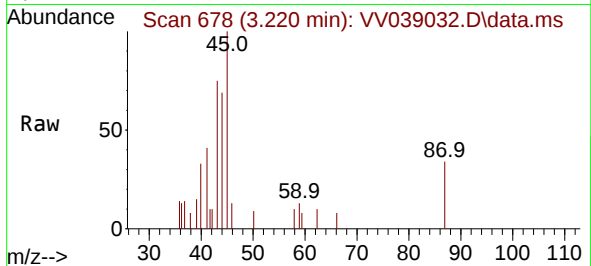




#23
 Vinyl Acetate
 Concen: 0.076 ug/l
 RT: 3.220 min Scan# 61
 Delta R.T. 0.035 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10

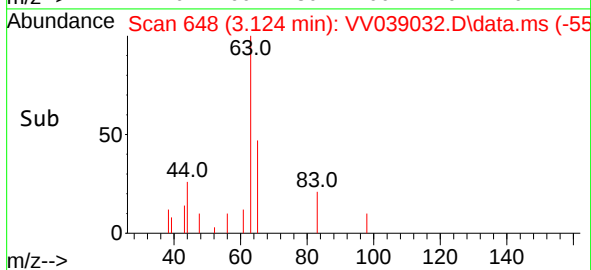
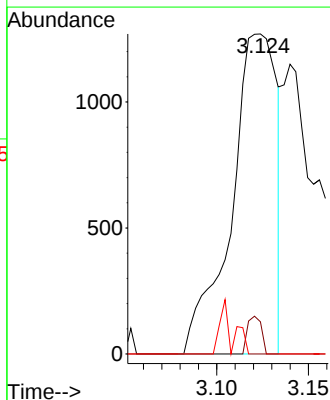
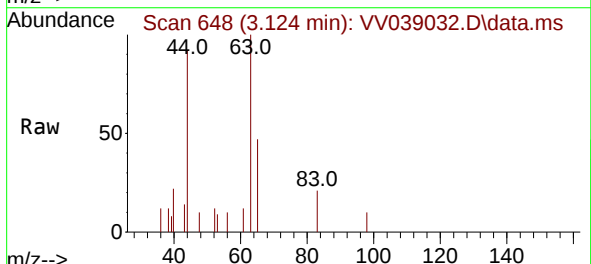
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

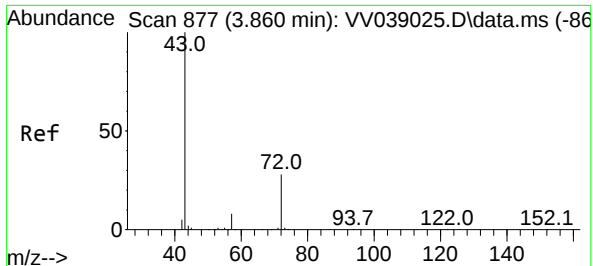
Tgt Ion: 43 Resp: 1162
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.1 13.7#



#24
 1,1-Dichloroethane
 Concen: 0.189 ug/l
 RT: 3.124 min Scan# 648
 Delta R.T. 0.003 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10

Tgt Ion: 63 Resp: 2176
 Ion Ratio Lower Upper
 63 100
 98 10.1 3.6 10.9
 100 0.0 2.2 6.6#





#25

2-Butanone

Concen: 0.049 ug/l

RT: 3.860 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

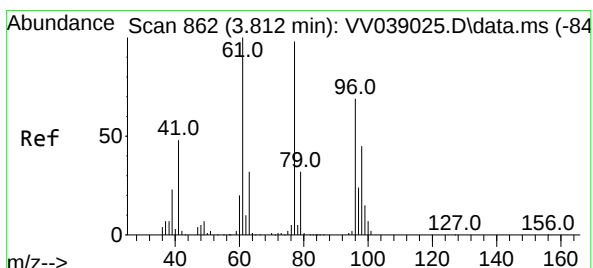
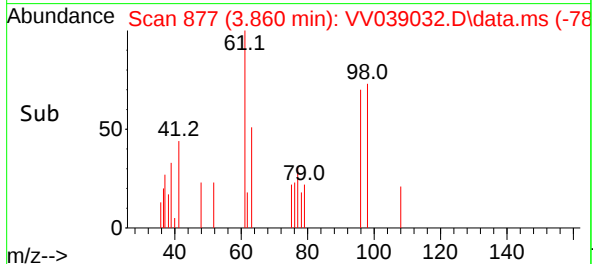
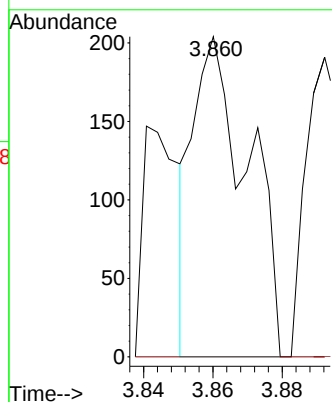
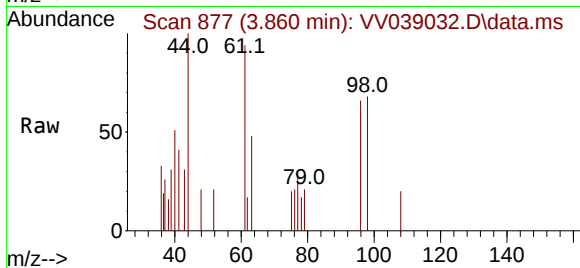
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 225

Ion Ratio Lower Upper

43 100

72 0.0 22.6 33.8#



#26

2,2-Dichloropropane

Concen: 0.104 ug/l

RT: 3.802 min Scan# 859

Delta R.T. -0.010 min

Lab File: VV039032.D

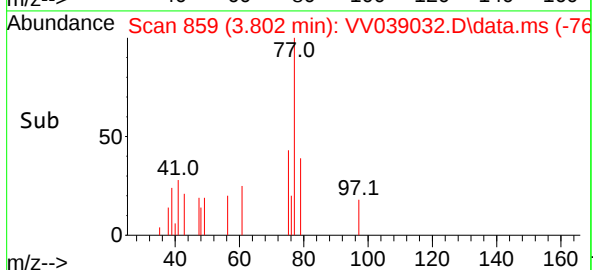
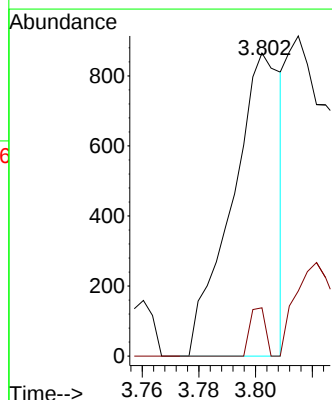
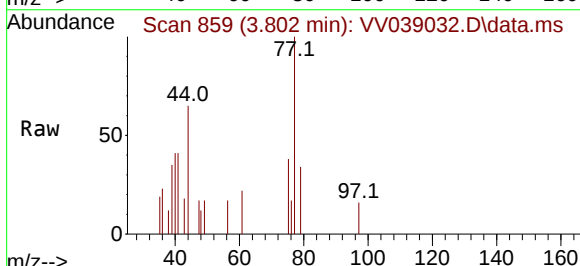
Acq: 25 Aug 2025 15:10

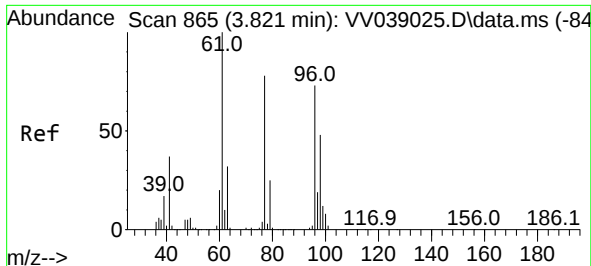
Tgt Ion: 77 Resp: 1033

Ion Ratio Lower Upper

77 100

97 5.0 11.8 35.4#

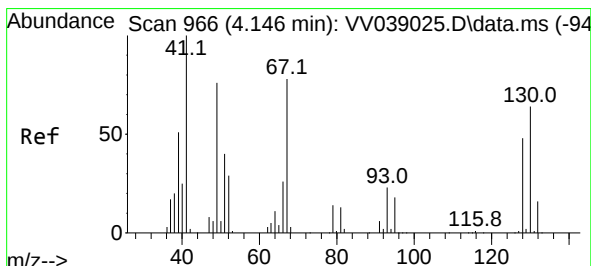
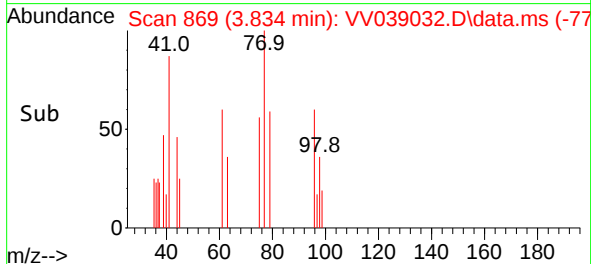
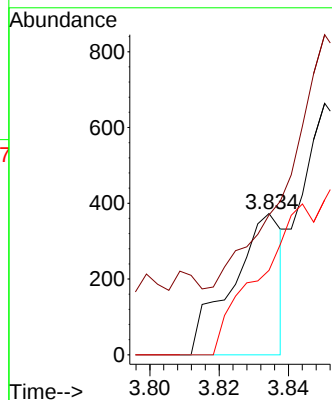
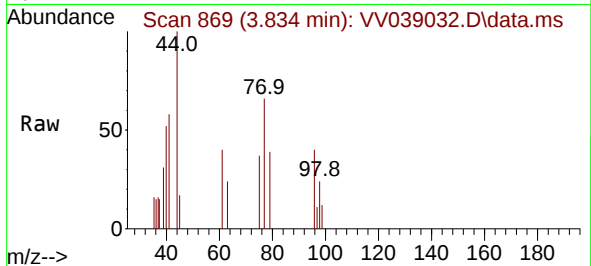




#27
cis-1,2-Dichloroethene
Concen: 0.052 ug/l
RT: 3.834 min Scan# 869
Delta R.T. 0.013 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

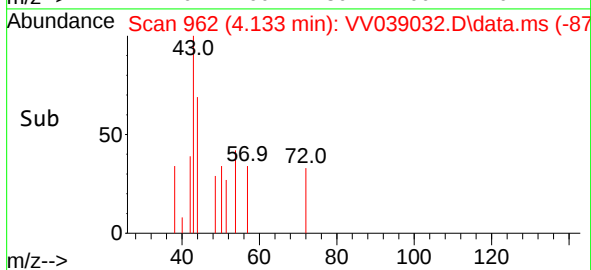
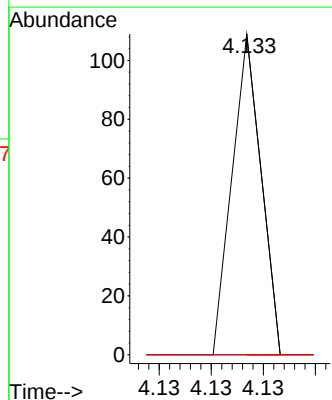
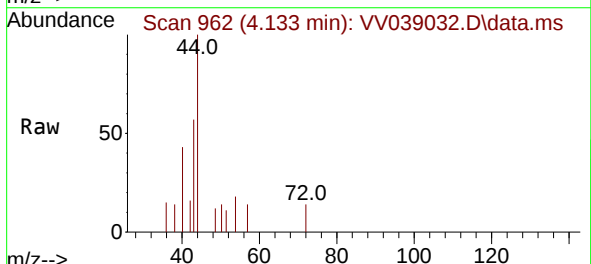
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

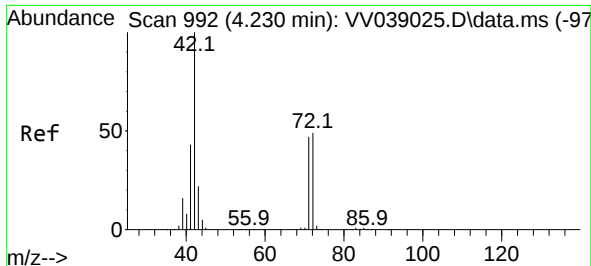
Tgt Ion: 96 Resp: 369
Ion Ratio Lower Upper
96 100
61 0.0 0.0 280.8
98 0.0 0.0 130.2



#28
Bromochloromethane
Concen: 0.007 ug/l
RT: 4.133 min Scan# 962
Delta R.T. -0.013 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 49 Resp: 21
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 64.9 97.3#





#29

Tetrahydrofuran

Concen: 0.026 ug/l

RT: 4.220 min Scan# 9

Delta R.T. -0.010 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

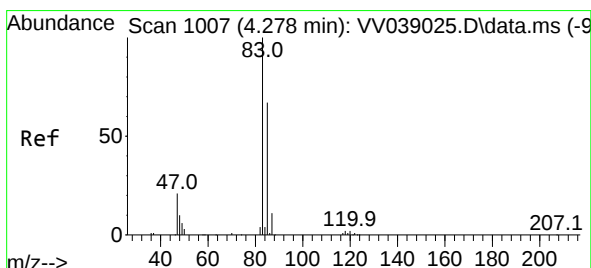
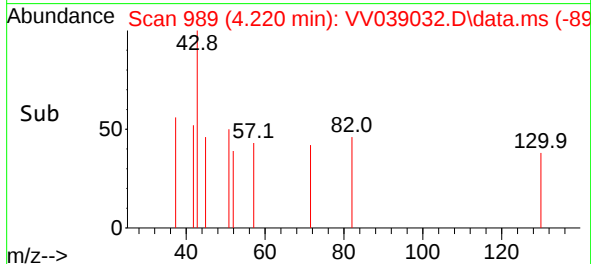
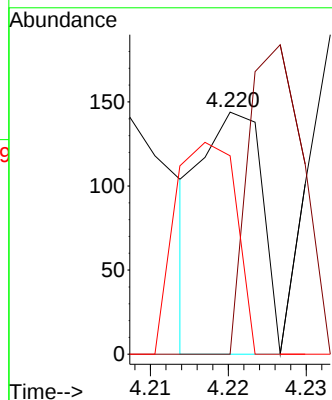
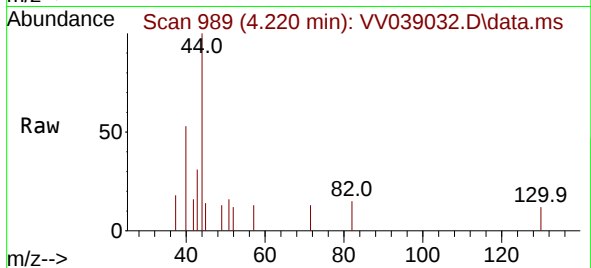
Tgt Ion: 42 Resp: 77

Ion Ratio Lower Upper

42 100

72 116.9 39.0 58.4#

71 89.6 37.0 55.6#



#30

Chloroform

Concen: 0.279 ug/l

RT: 4.294 min Scan# 1012

Delta R.T. 0.016 min

Lab File: VV039032.D

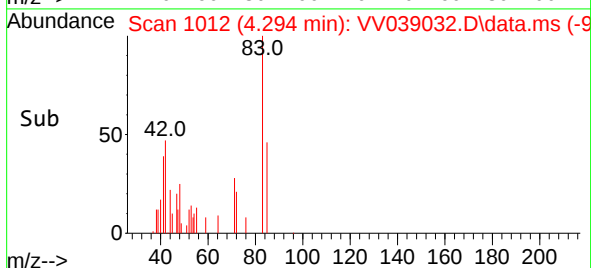
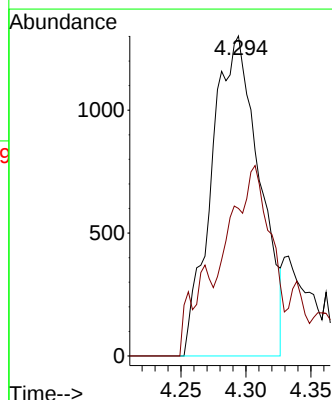
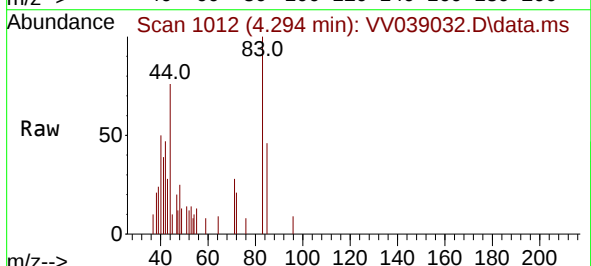
Acq: 25 Aug 2025 15:10

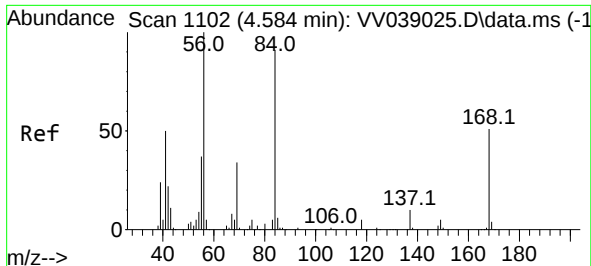
Tgt Ion: 83 Resp: 3338

Ion Ratio Lower Upper

83 100

85 46.1 53.2 79.8#

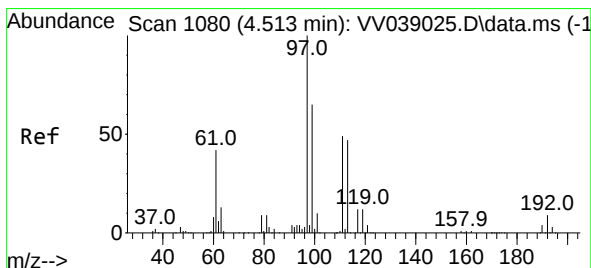
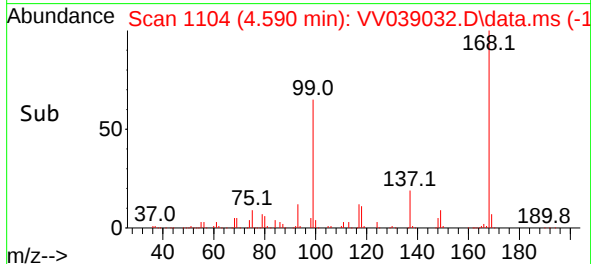
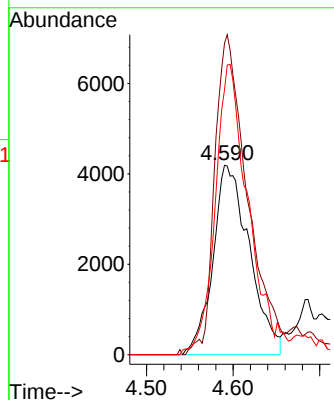
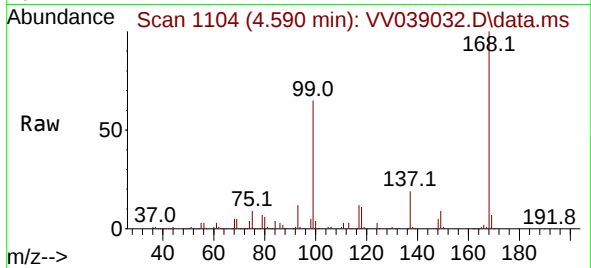




#31
Cyclohexane
Concen: 1.205 ug/l
RT: 4.590 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

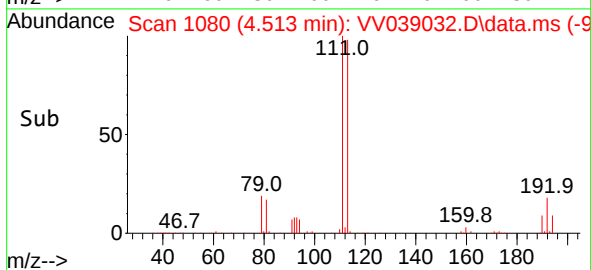
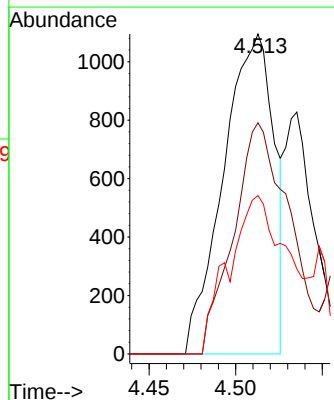
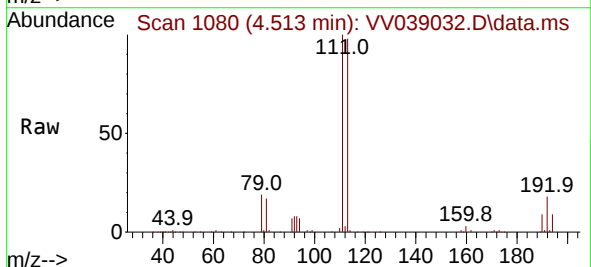
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

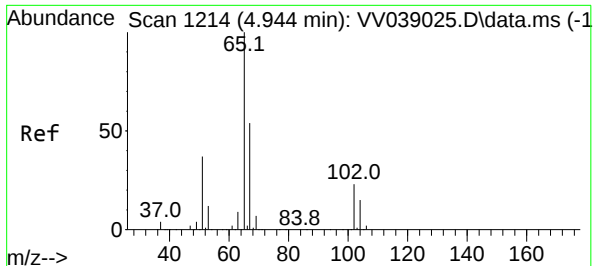
Tgt Ion: 56 Resp: 12274
Ion Ratio Lower Upper
56 100
69 161.6 27.0 40.4#
84 139.8 72.9 109.3#



#32
1,1,1-Trichloroethane
Concen: 0.211 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 97 Resp: 2222
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.6#
61 55.9 33.3 49.9#





#33

1,2-Dichloroethane-d4

Concen: 55.582 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

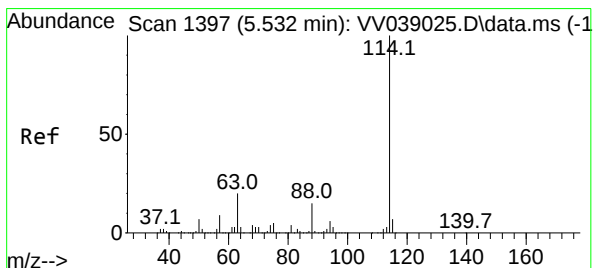
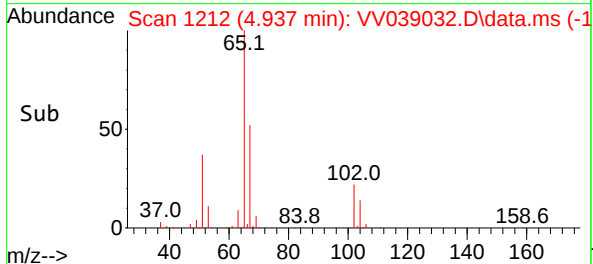
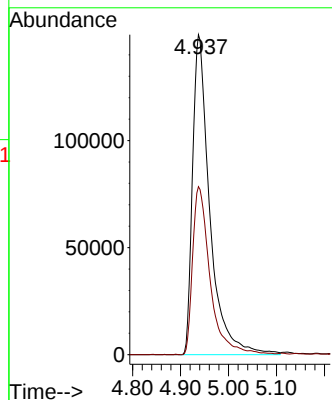
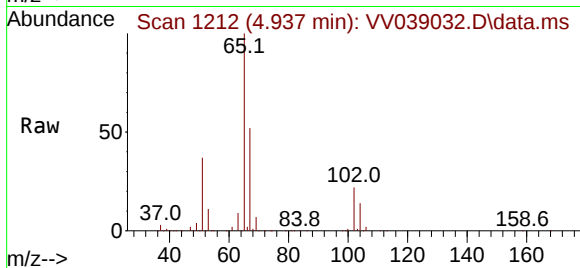
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 65 Resp: 372260

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

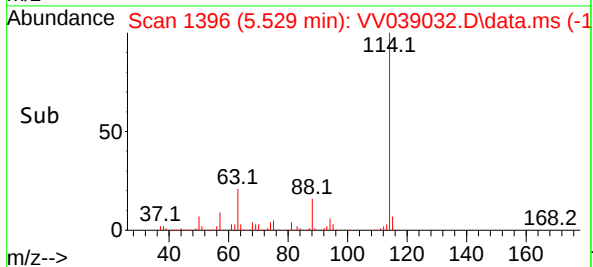
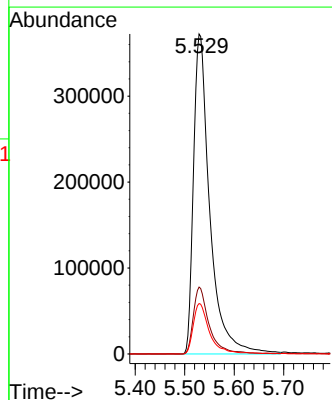
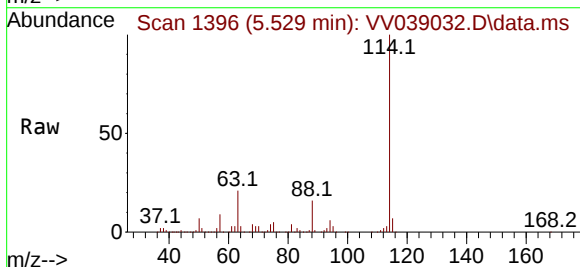
Tgt Ion: 114 Resp: 854747

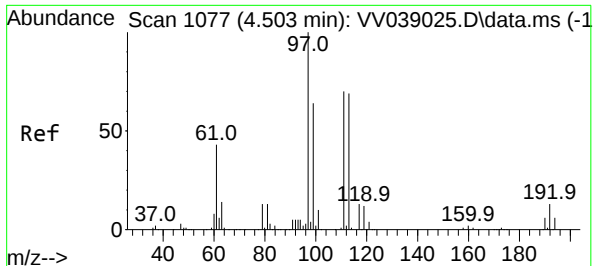
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.4

88 15.8 0.0 30.6

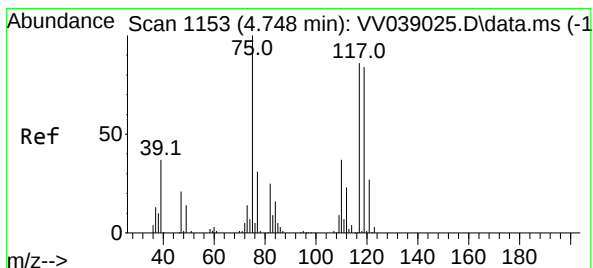
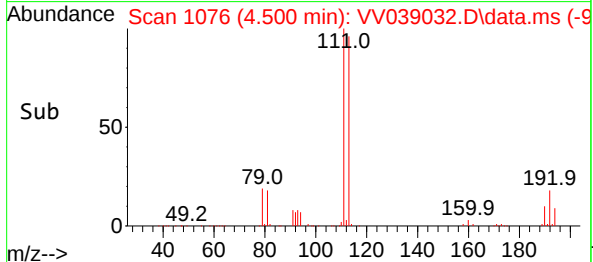
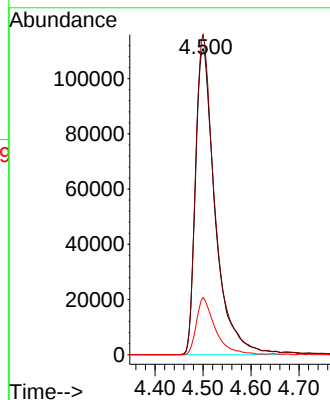
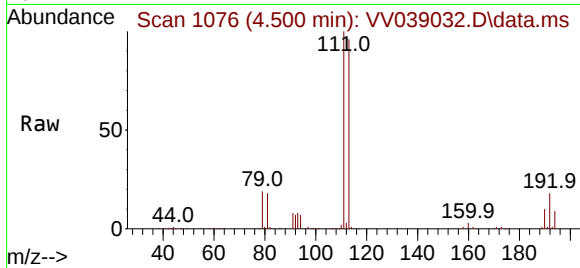




#35
Dibromofluoromethane
Concen: 51.729 ug/l
RT: 4.500 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

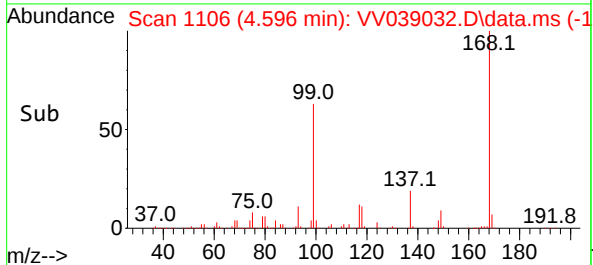
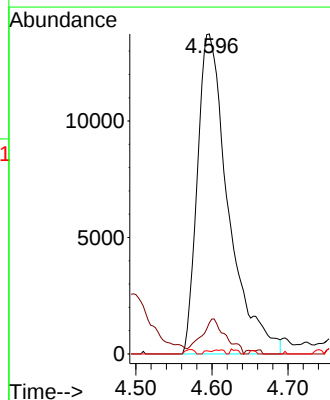
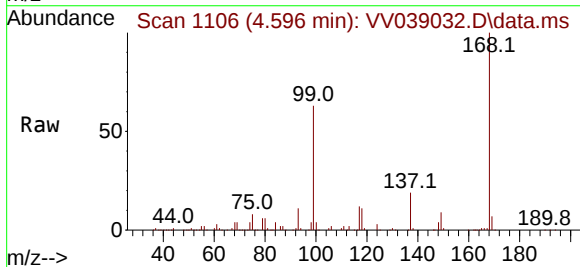
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

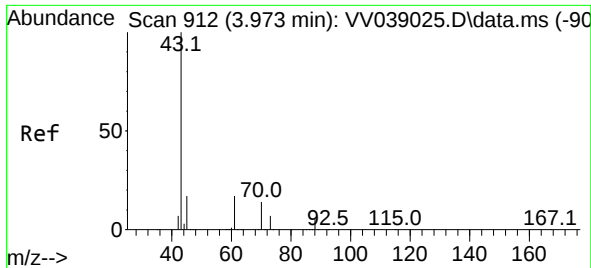
Tgt Ion:113 Resp: 318416
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 17.6 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.687 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.151 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 75 Resp: 38771
Ion Ratio Lower Upper
75 100
110 8.6 18.6 55.8#
77 0.2 24.6 36.8#

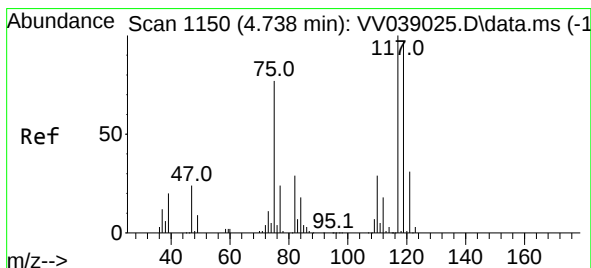
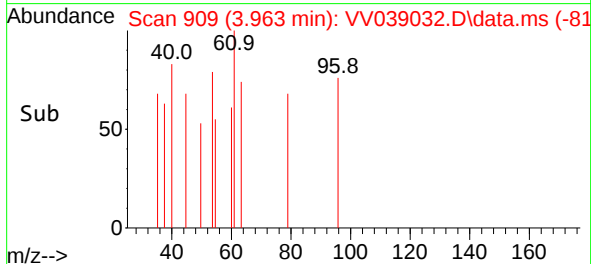
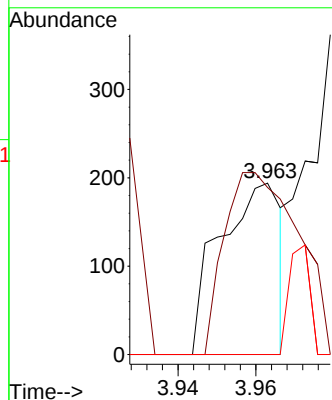
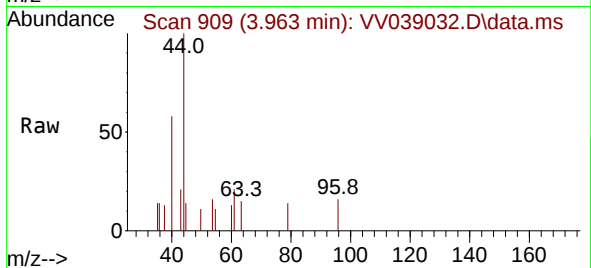




#37
Ethyl Acetate
Concen: 0.022 ug/l
RT: 3.963 min Scan# 909
Delta R.T. -0.010 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

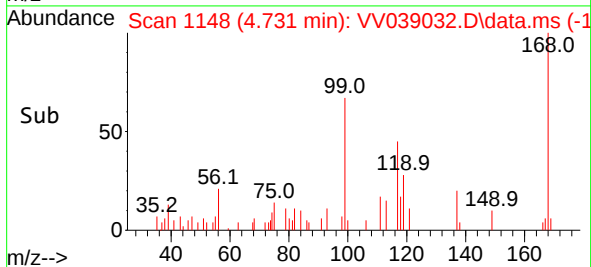
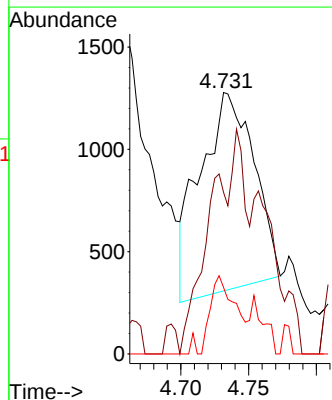
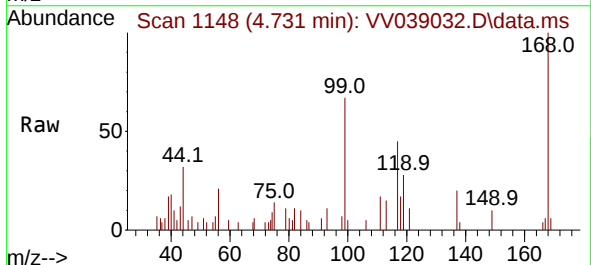
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

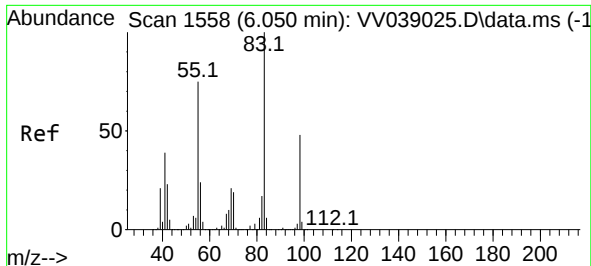
Tgt Ion: 43 Resp: 212
Ion Ratio Lower Upper
43 100
61 129.2 10.6 16.0#
70 0.0 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 0.271 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 117 Resp: 2680
Ion Ratio Lower Upper
117 100
119 88.1 77.8 116.6
121 36.2 24.9 37.3





#39

Methylcyclohexane

Concen: 0.185 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

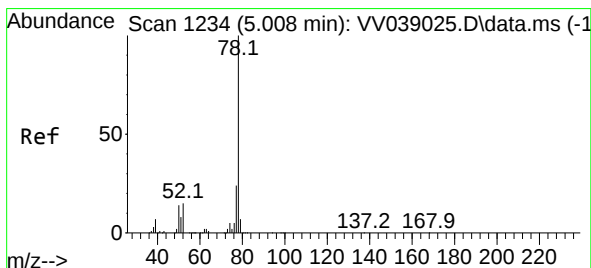
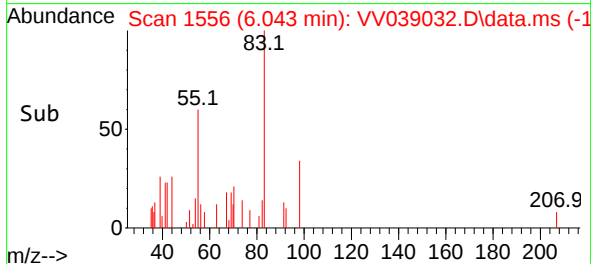
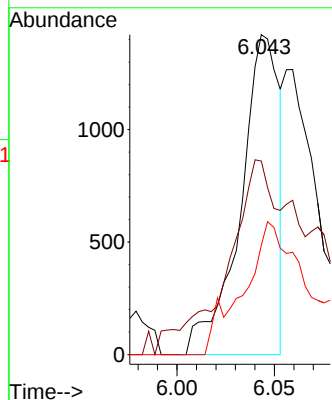
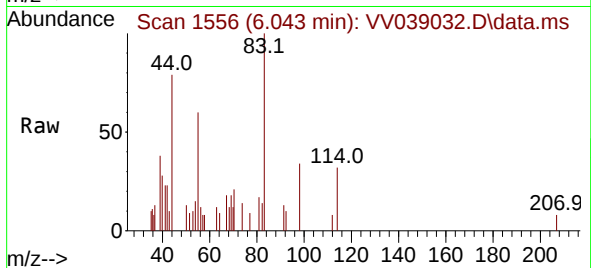
Tgt Ion: 83 Resp: 1966

Ion Ratio Lower Upper

83 100

55 52.9 59.8 89.6#

98 34.2 38.2 57.2#



#40

Benzene

Concen: 0.209 ug/l

RT: 5.034 min Scan# 1242

Delta R.T. 0.026 min

Lab File: VV039032.D

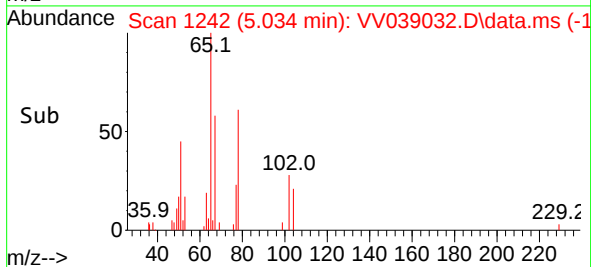
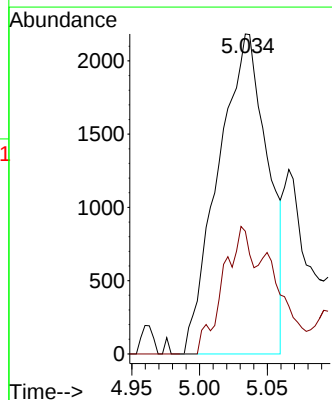
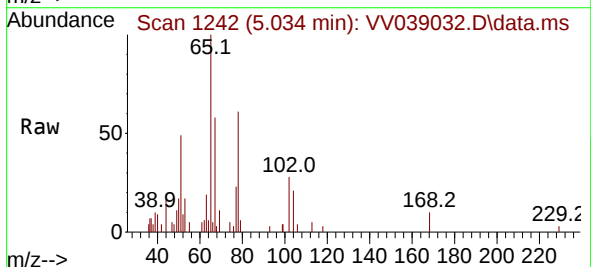
Acq: 25 Aug 2025 15:10

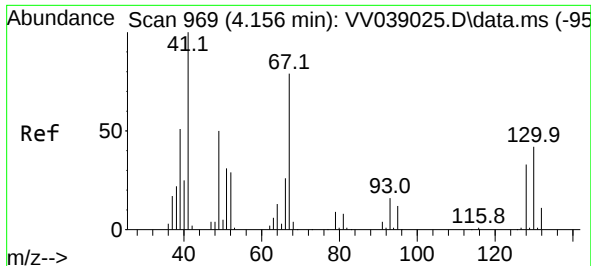
Tgt Ion: 78 Resp: 5530

Ion Ratio Lower Upper

78 100

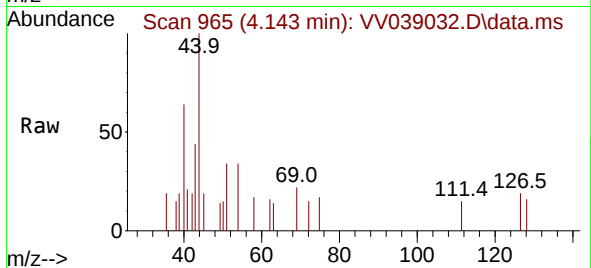
77 38.3 19.1 28.7#



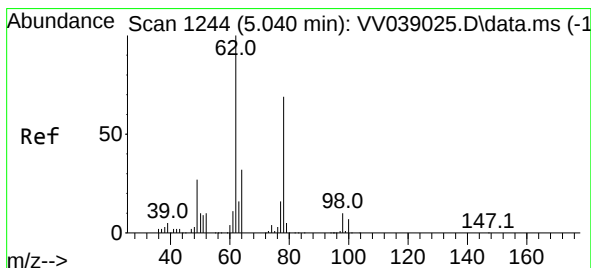
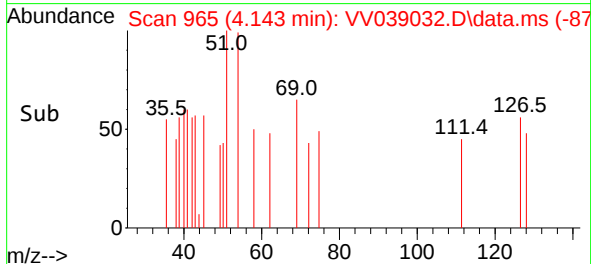
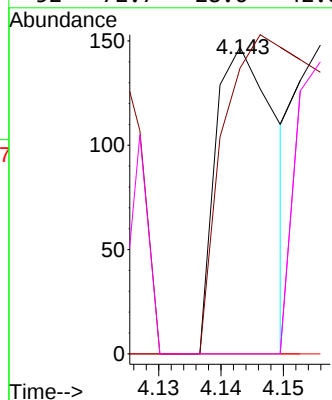


#41
Methacrylonitrile
Concen: 0.032 ug/l
RT: 4.143 min Scan# 99
Delta R.T. -0.013 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

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

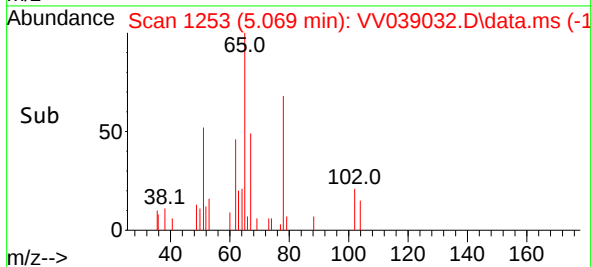
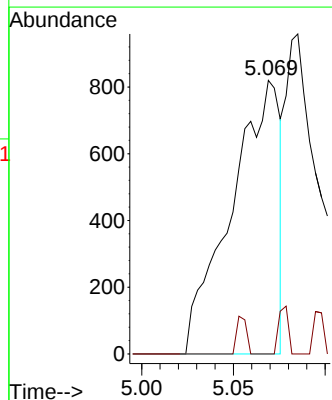
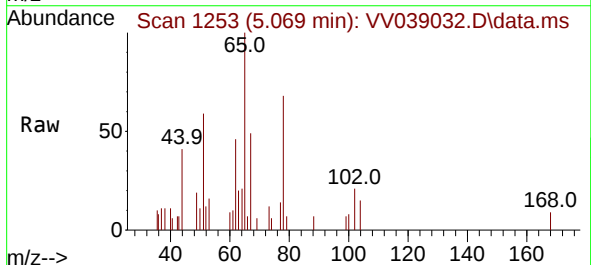


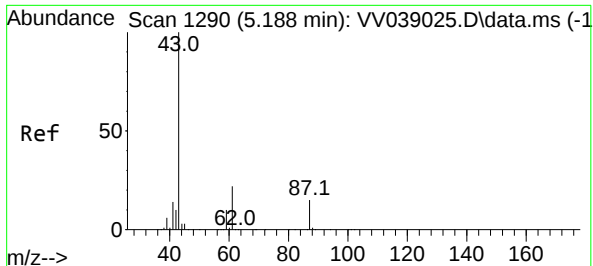
Tgt Ion:	41	Resp:	99
Ion	Ratio	Lower	Upper
41	100		
39	207.1	42.7	64.1#
67	0.0	74.5	111.7#
52	72.7	28.6	42.8#



#42
1,2-Dichloroethane
Concen: 0.164 ug/l
RT: 5.069 min Scan# 1253
Delta R.T. 0.029 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:	62	Resp:	1514
Ion	Ratio	Lower	Upper
62	100		
98	2.7	0.0	19.8

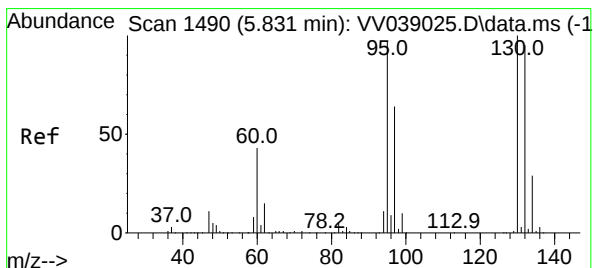
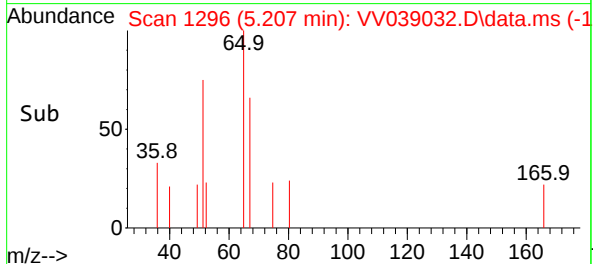
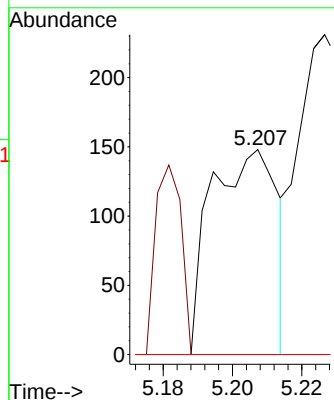
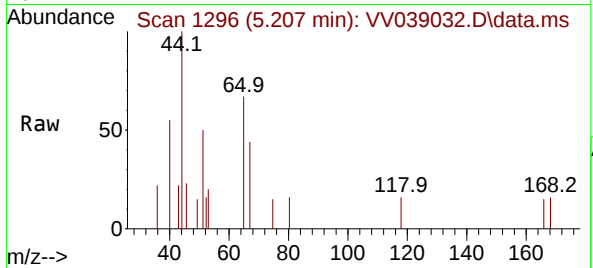




#43
Isopropyl Acetate
Concen: 0.014 ug/l
RT: 5.207 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

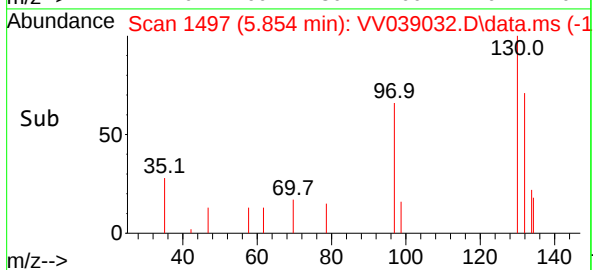
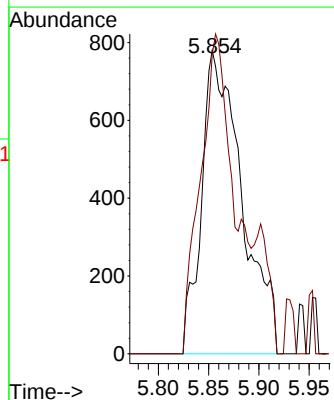
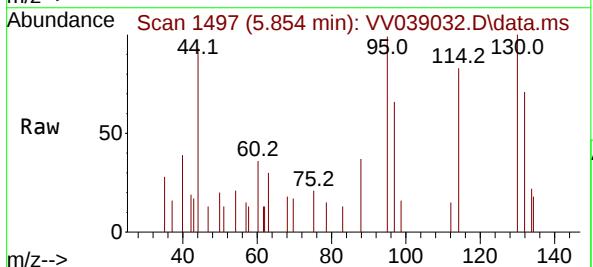
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

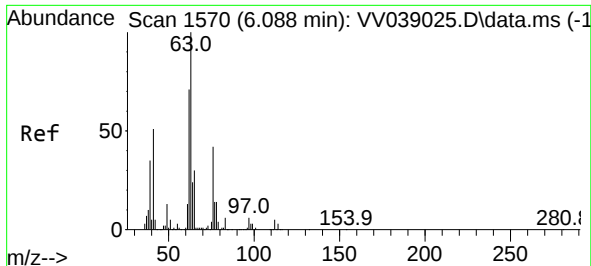
Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
61 0.0 16.6 25.0#
87 0.0 11.7 17.5#



#44
Trichloroethene
Concen: 0.327 ug/l
RT: 5.854 min Scan# 1497
Delta R.T. 0.023 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 130 Resp: 2171
Ion Ratio Lower Upper
130 100
95 98.6 0.0 194.4





#45

1,2-Dichloropropane

Concen: 0.019 ug/l

RT: 6.066 min Scan# 1563

Delta R.T. -0.022 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

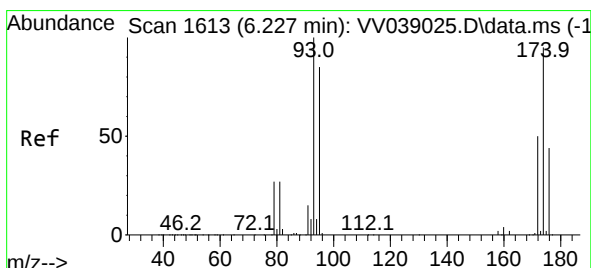
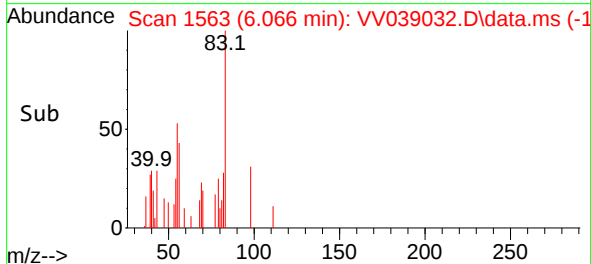
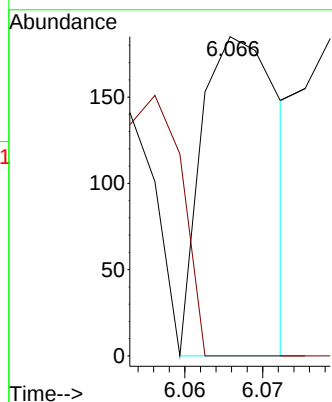
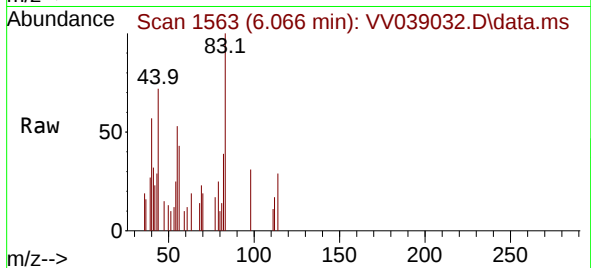
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 63 Resp: 128

Ion Ratio Lower Upper

63 100

65 0.0 24.2 36.4#



#46

Dibromomethane

Concen: 0.047 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.016 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

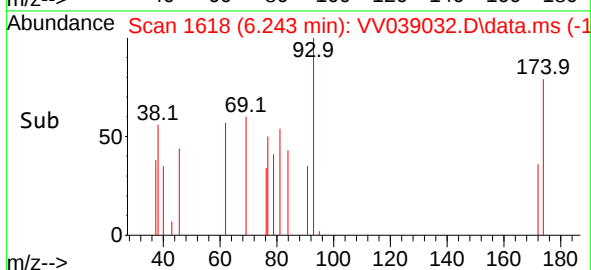
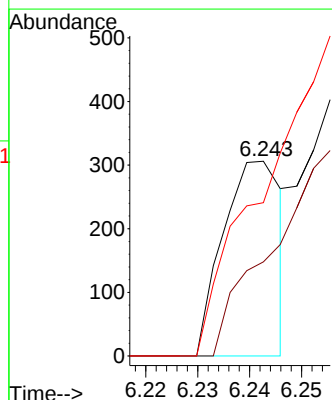
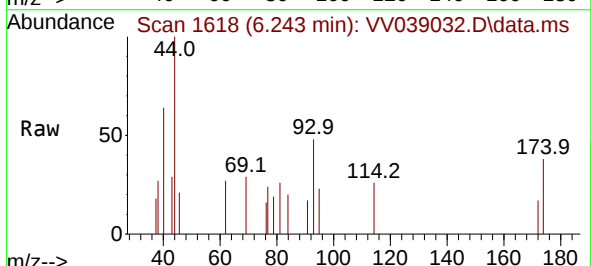
Tgt Ion: 93 Resp: 240

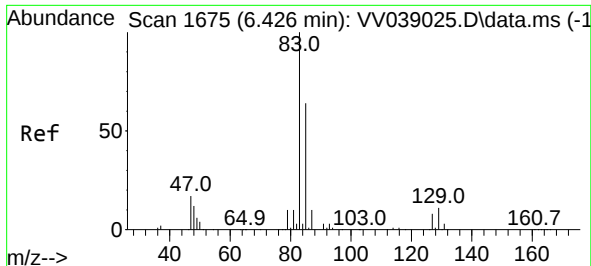
Ion Ratio Lower Upper

93 100

95 0.0 66.1 99.1#

174 0.0 73.5 110.3#

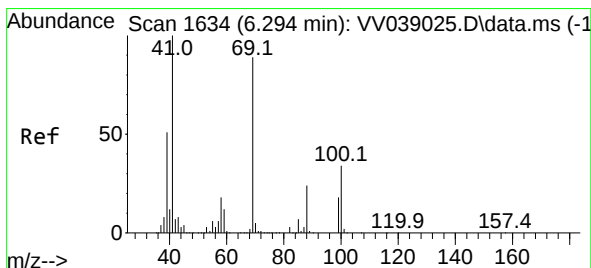
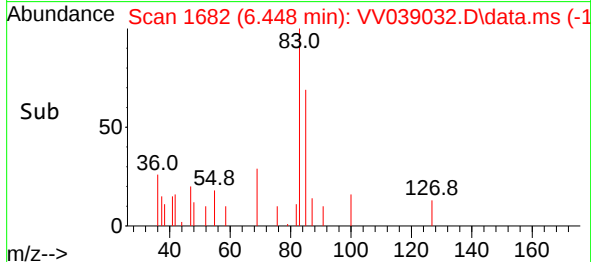
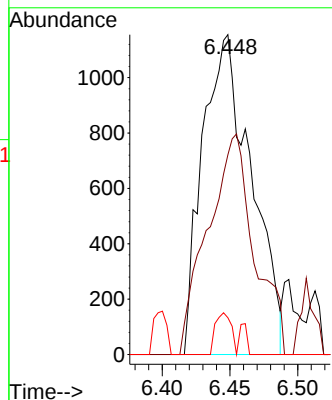
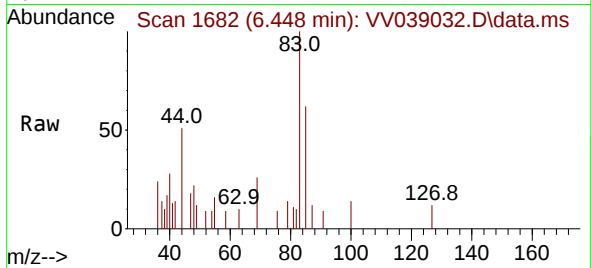




#47
Bromodichloromethane
Concen: 0.275 ug/l
RT: 6.448 min Scan# 1682
Delta R.T. 0.023 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

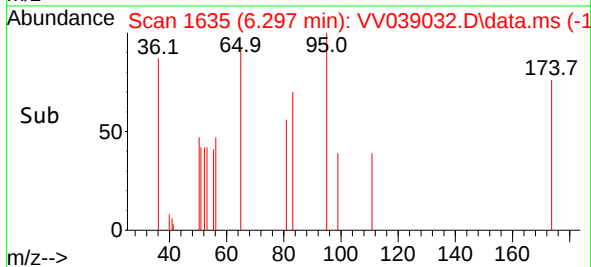
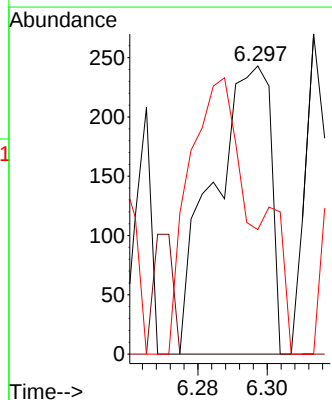
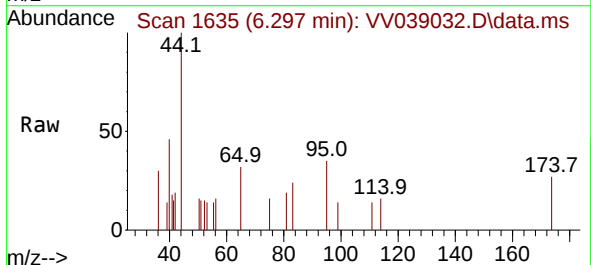
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

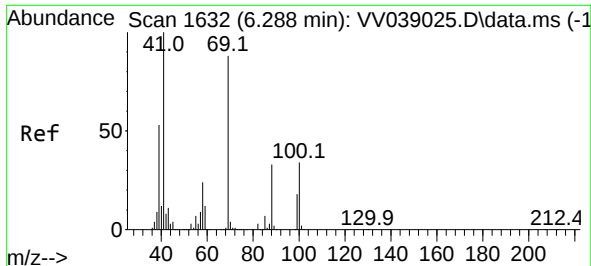
Tgt Ion: 83 Resp: 2886
Ion Ratio Lower Upper
83 100
85 62.4 51.0 76.4
127 11.5 6.7 10.1#



#48
Methyl methacrylate
Concen: 0.042 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 41 Resp: 281
Ion Ratio Lower Upper
41 100
69 0.0 73.5 110.3#
39 108.5 41.3 61.9#





#49

1,4-Dioxane

Concen: 0.412 ug/l

RT: 6.278 min Scan# 1

Delta R.T. -0.010 min

Lab File: VV039032.D

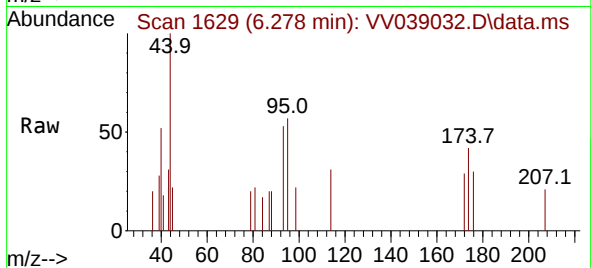
Acq: 25 Aug 2025 15:10

Instrument :

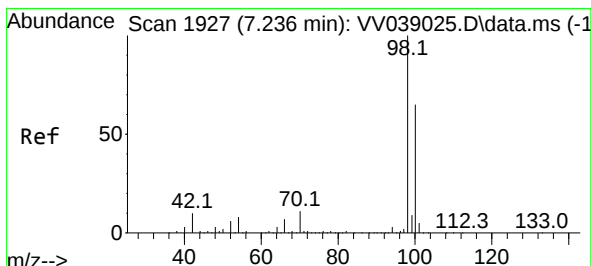
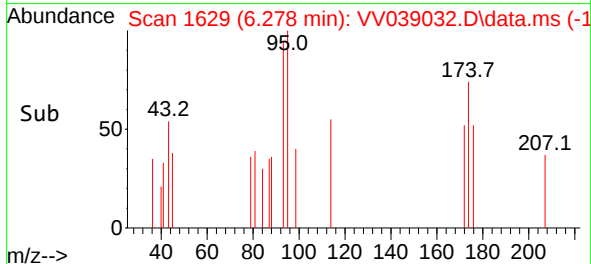
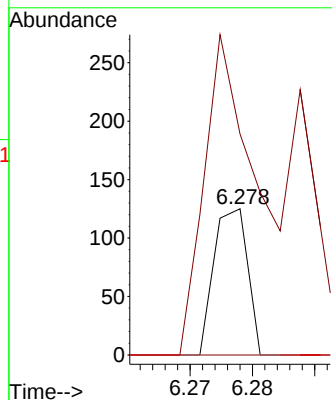
MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion	88	Resp:	47
Ion	Ratio	Lower	Upper
88	100		
43	340.4	25.4	38.2#
58	0.0	58.4	87.6#



#50

Toluene-d8

Concen: 46.580 ug/l

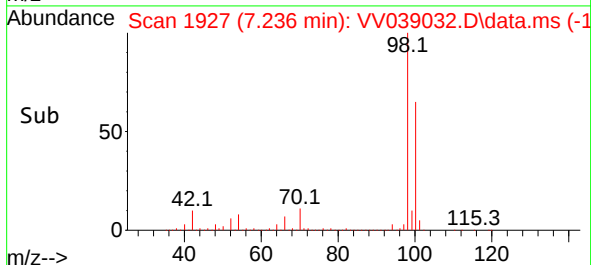
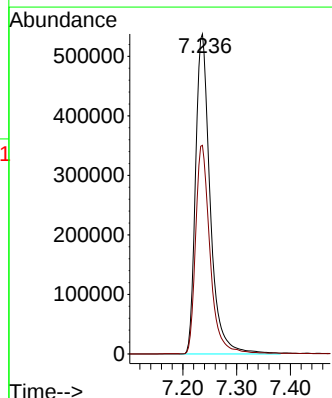
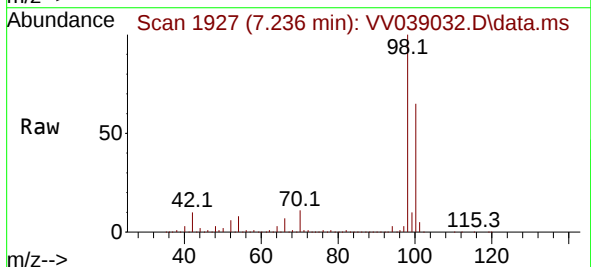
RT: 7.236 min Scan# 1927

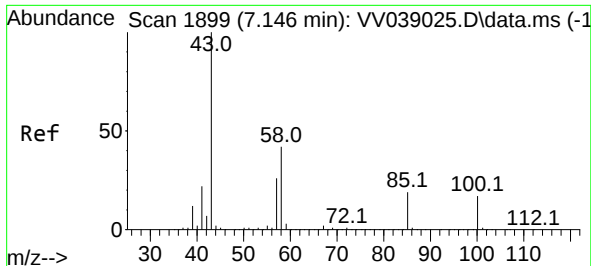
Delta R.T. 0.000 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Tgt Ion	98	Resp:	1015209
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	79.0

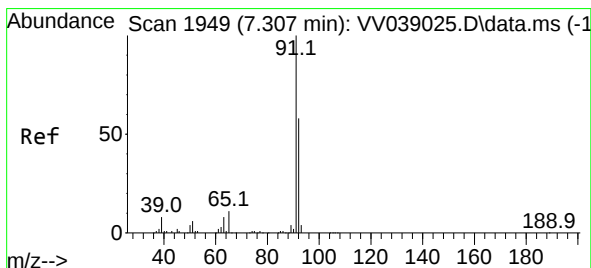
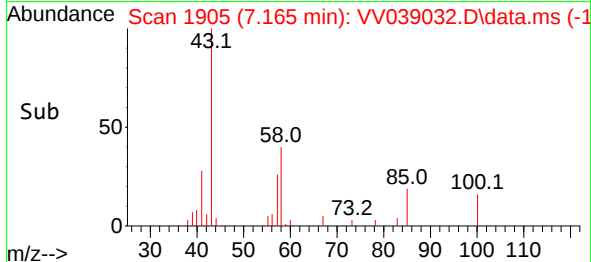
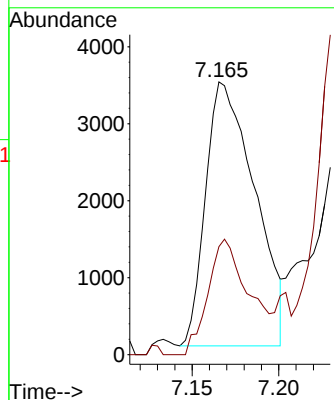
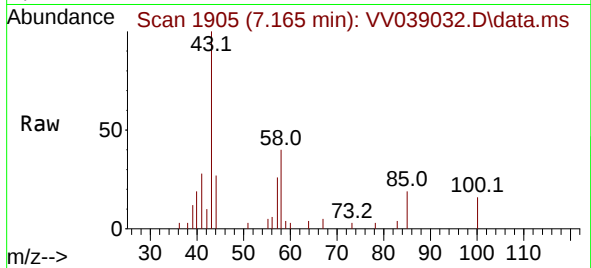




#51
4-Methyl-2-Pentanone
Concen: 0.695 ug/l
RT: 7.165 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

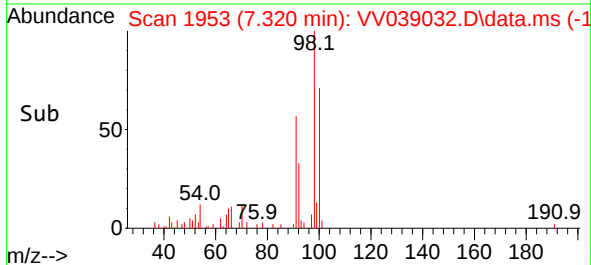
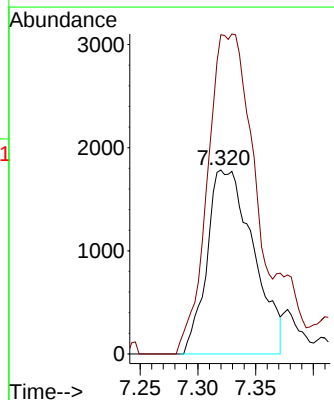
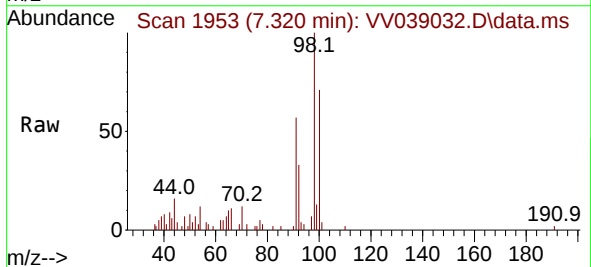
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

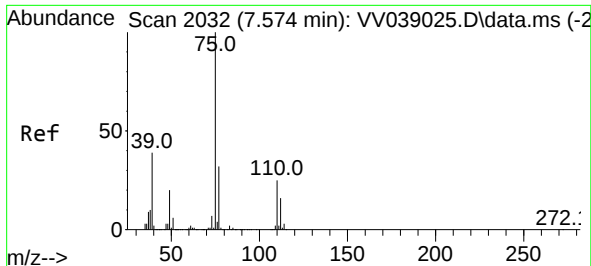
Tgt Ion: 43 Resp: 6756
Ion Ratio Lower Upper
43 100
58 36.3 33.2 49.8



#52
Toluene
Concen: 0.295 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 92 Resp: 4968
Ion Ratio Lower Upper
92 100
91 172.1 137.8 206.8

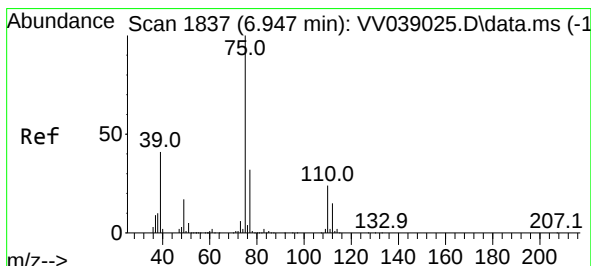
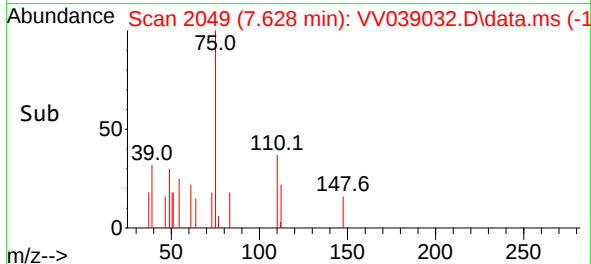
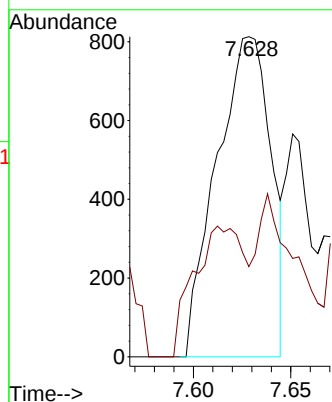
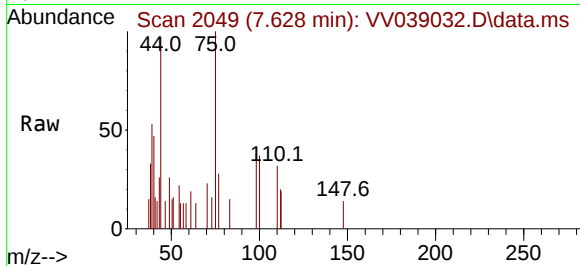




#53
 t-1,3-Dichloropropene
 Concen: 0.156 ug/l
 RT: 7.628 min Scan# 2032
 Delta R.T. 0.055 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10

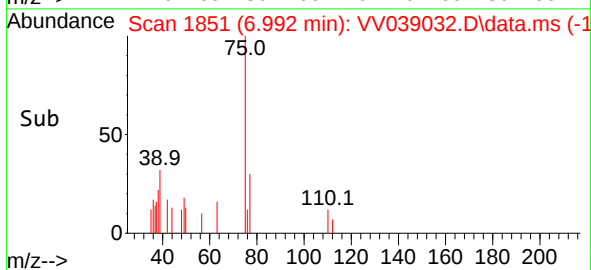
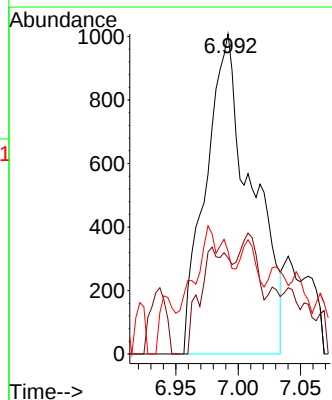
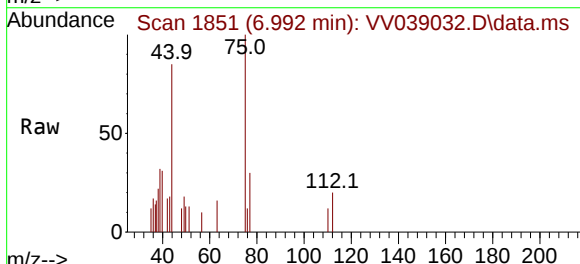
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

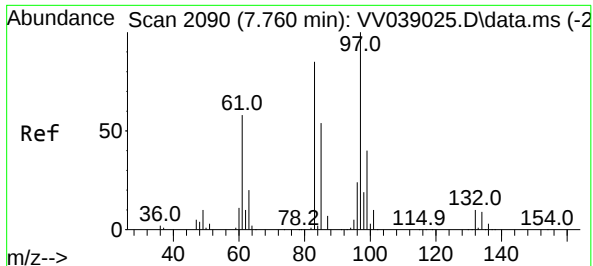
Tgt Ion: 75 Resp: 1577
 Ion Ratio Lower Upper
 75 100
 77 10.5 25.8 38.8#



#54
 cis-1,3-Dichloropropene
 Concen: 0.239 ug/l
 RT: 6.992 min Scan# 1851
 Delta R.T. 0.045 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10

Tgt Ion: 75 Resp: 2585
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.6 38.4
 39 18.6 32.5 48.7#



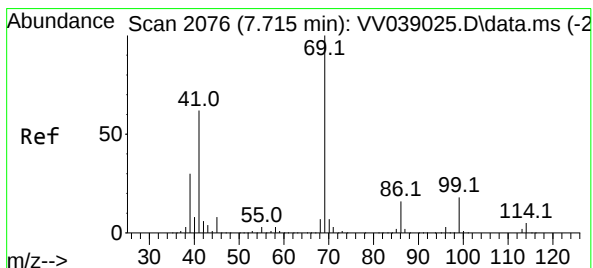
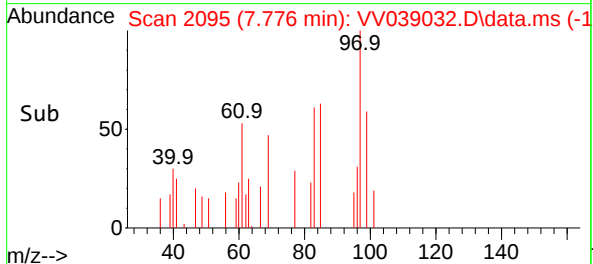
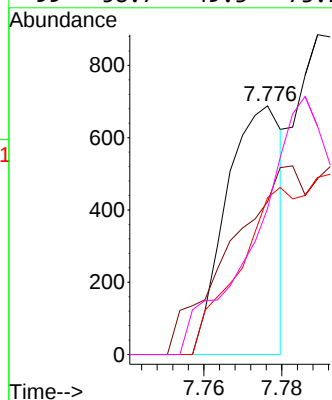
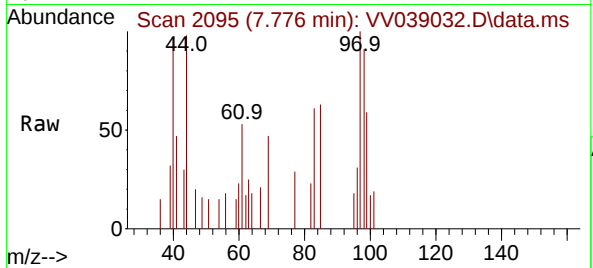


#55
 1,1,2-Trichloroethane
 Concen: 0.096 ug/l
 RT: 7.776 min Scan# 2095
 Delta R.T. 0.016 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10

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

Tgt Ion: 97 Resp: 677

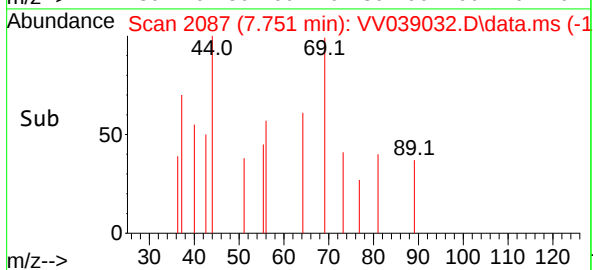
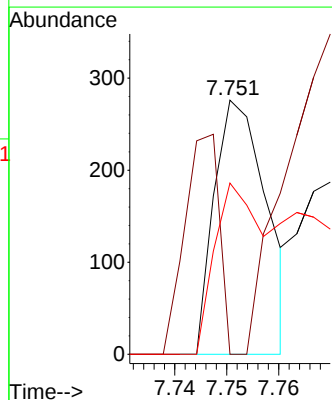
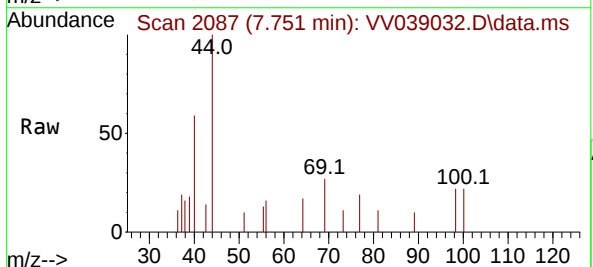
Ion	Ratio	Lower	Upper
97	100		
83	43.8	68.1	102.1#
85	63.1	44.5	66.7
99	58.7	49.3	73.9

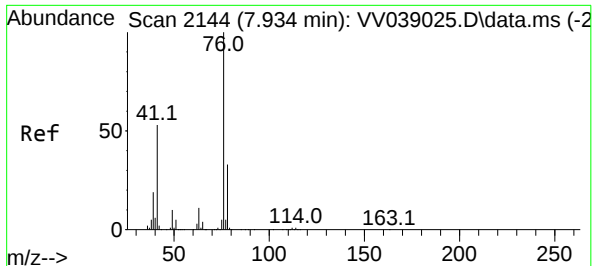


#56
 Ethyl methacrylate
 Concen: 0.021 ug/l
 RT: 7.751 min Scan# 2087
 Delta R.T. 0.035 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10

Tgt Ion: 69 Resp: 193

Ion	Ratio	Lower	Upper
69	100		
41	57.0	49.4	74.2
39	58.5	24.0	36.0#

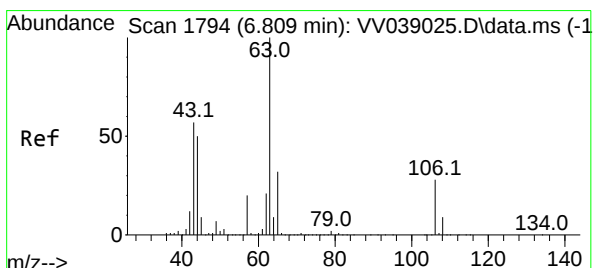
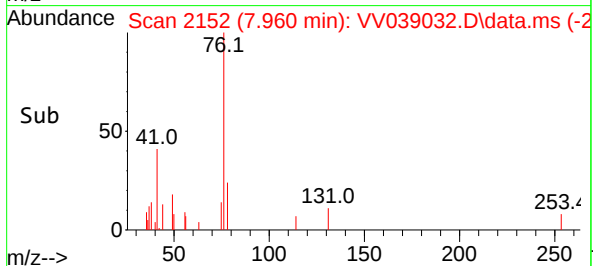
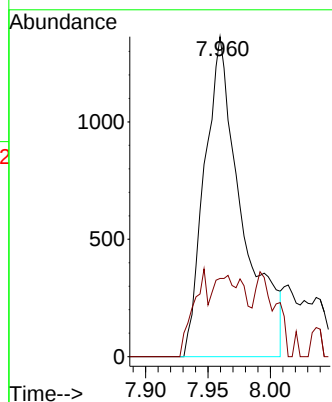
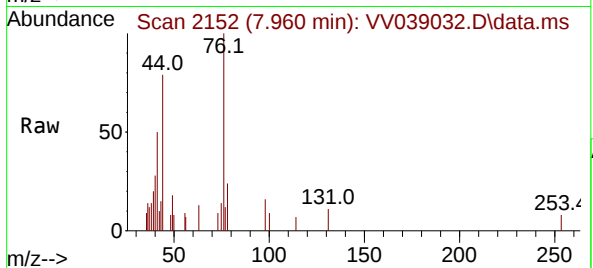




#57
1,3-Dichloropropane
Concen: 0.251 ug/l
RT: 7.960 min Scan# 2144
Delta R.T. 0.026 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

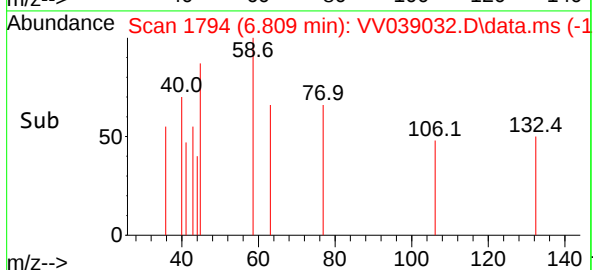
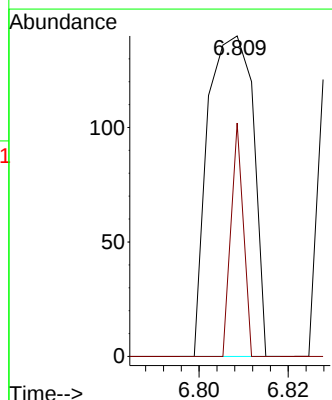
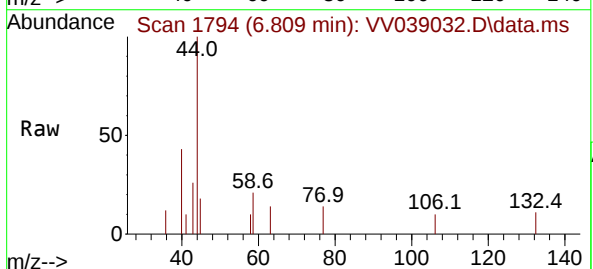
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

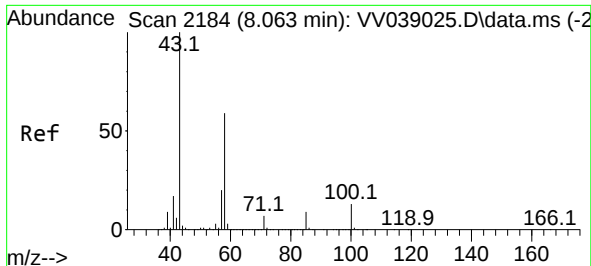
Tgt Ion: 76 Resp: 2850
Ion Ratio Lower Upper
76 100
78 20.2 26.1 39.1#



#58
2-Chloroethyl Vinyl ether
Concen: 0.021 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 63 Resp: 98
Ion Ratio Lower Upper
63 100
106 20.4 22.3 33.5#

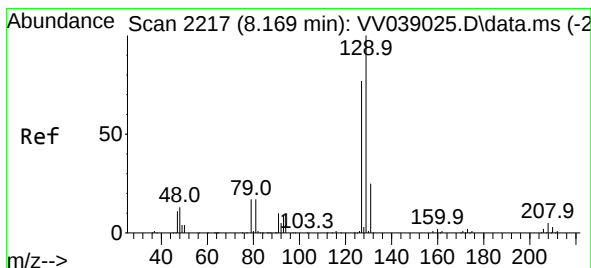
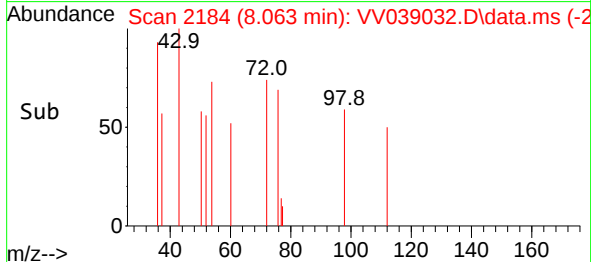
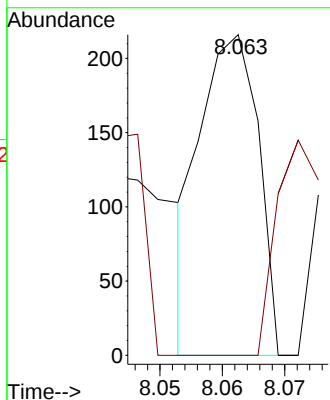
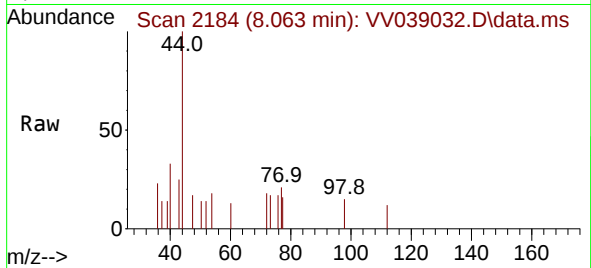




#59
2-Hexanone
Concen: 0.019 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

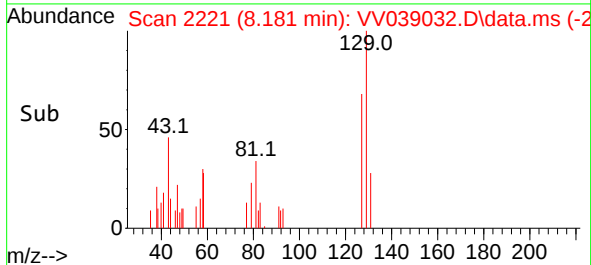
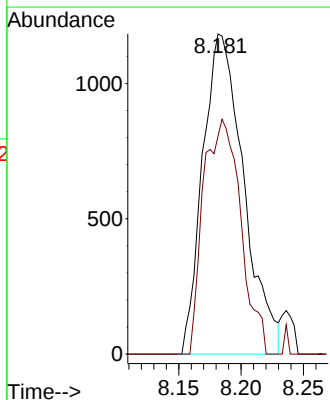
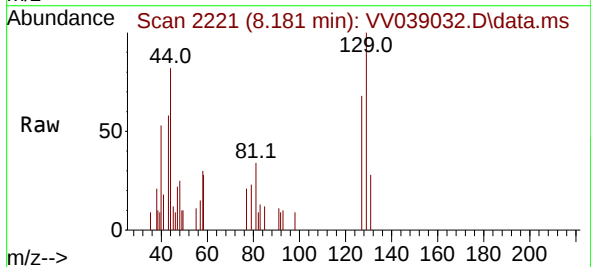
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

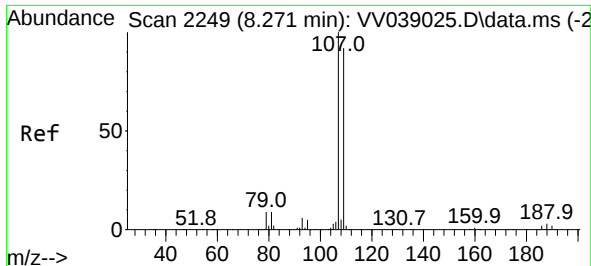
Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
58 51.8 28.8 86.4



#60
Dibromochloromethane
Concen: 0.332 ug/l
RT: 8.181 min Scan# 2221
Delta R.T. 0.013 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 129 Resp: 2704
Ion Ratio Lower Upper
129 100
127 66.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 0.116 ug/l

RT: 8.291 min Scan# 21

Delta R.T. 0.019 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

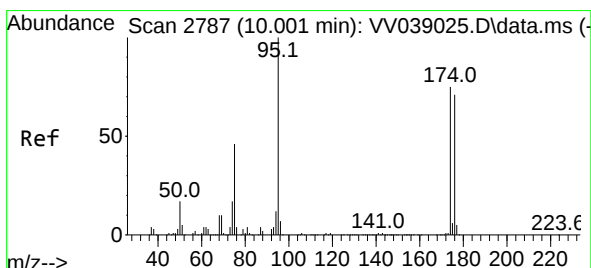
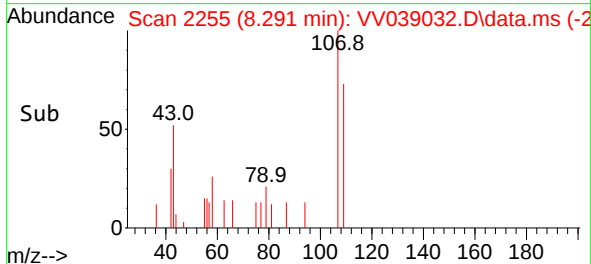
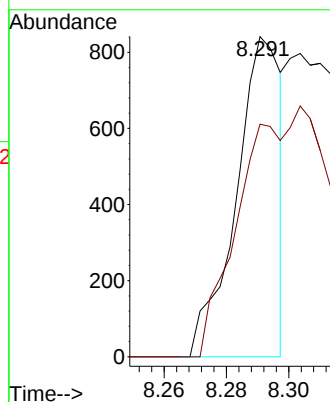
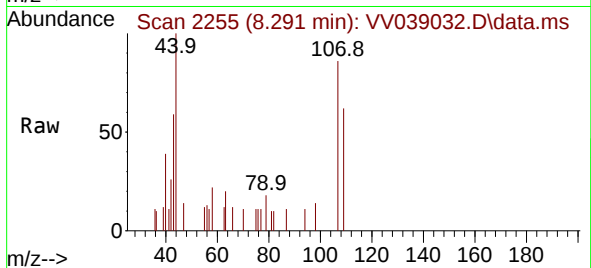
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:107 Resp: 840

Ion Ratio Lower Upper

107 100

109 76.3 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 43.618 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.000 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

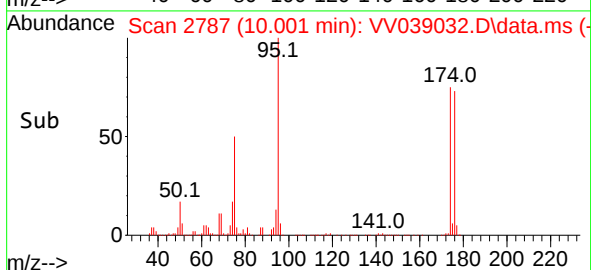
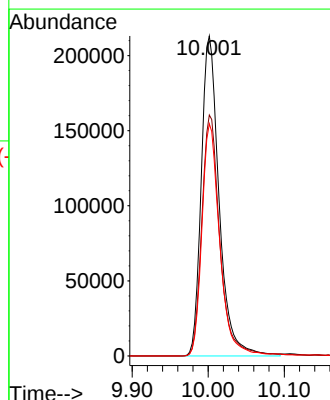
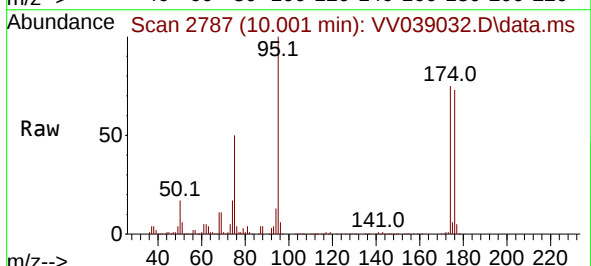
Tgt Ion: 95 Resp: 348335

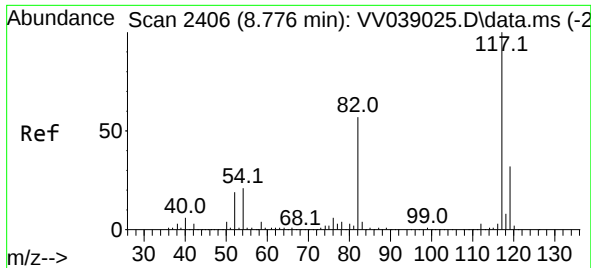
Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.4

176 72.8 0.0 144.2

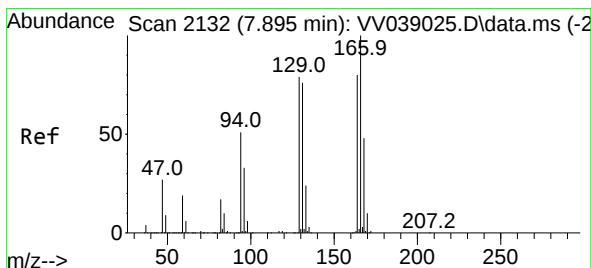
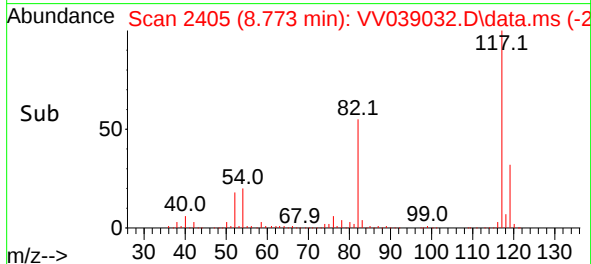
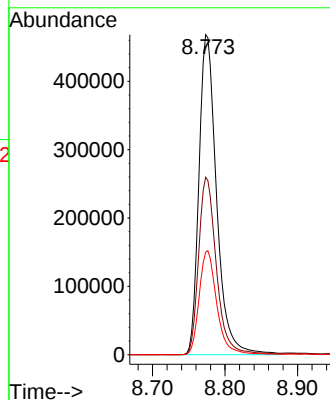
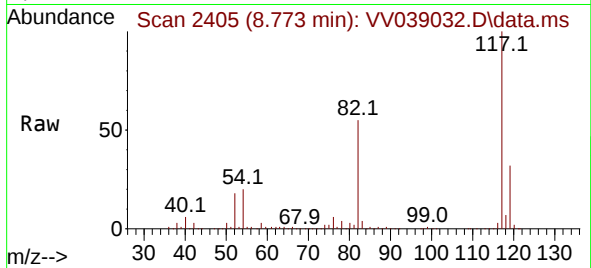




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

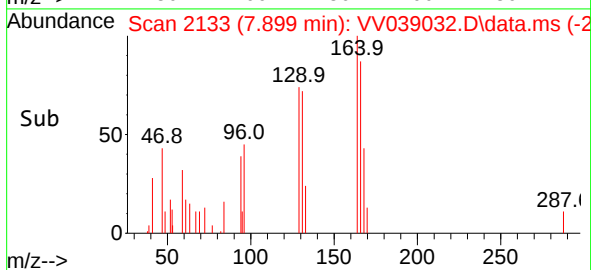
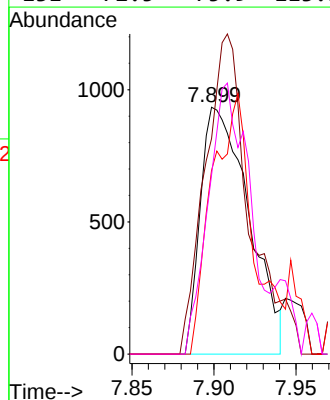
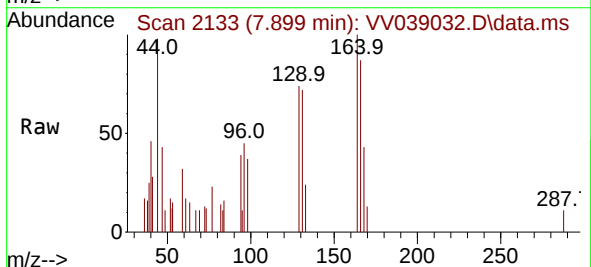
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

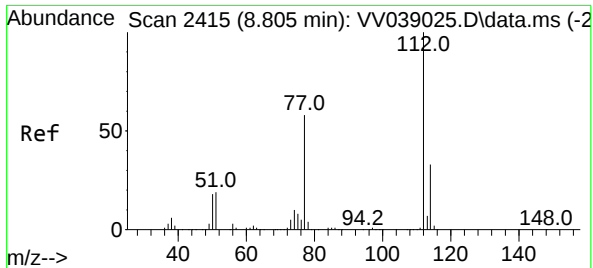
Tgt Ion:117 Resp: 793256
Ion Ratio Lower Upper
117 100
82 55.4 45.6 68.4
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 0.339 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:164 Resp: 1912
Ion Ratio Lower Upper
164 100
166 87.3 99.7 149.5#
129 74.4 78.5 117.7#
131 72.5 75.9 113.9#

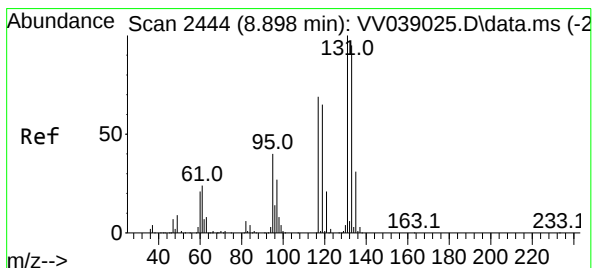
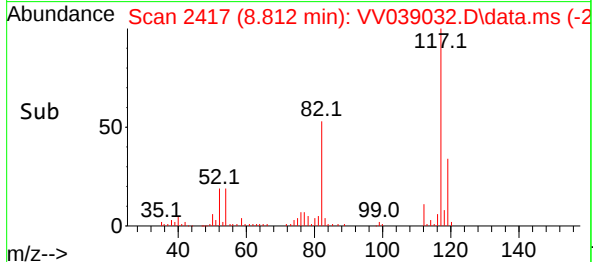
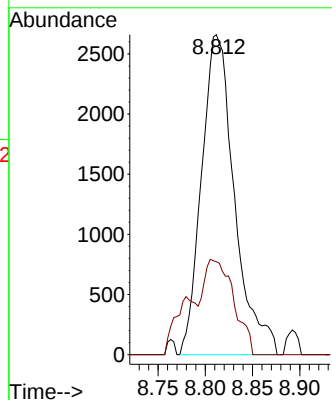
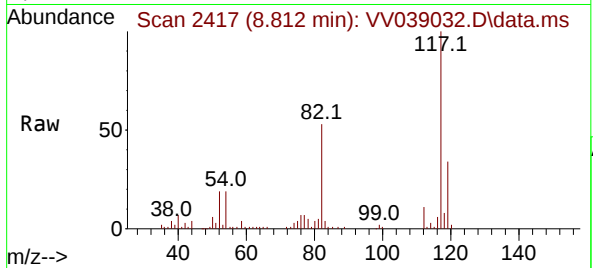




#65
Chlorobenzene
Concen: 0.339 ug/l
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

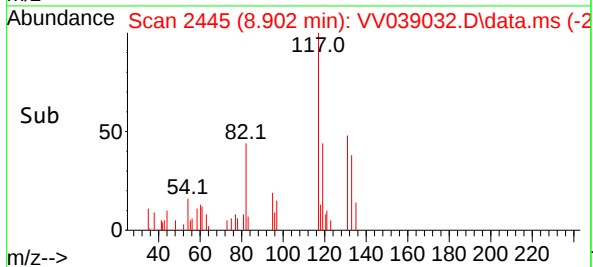
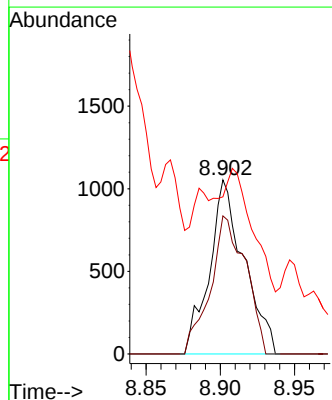
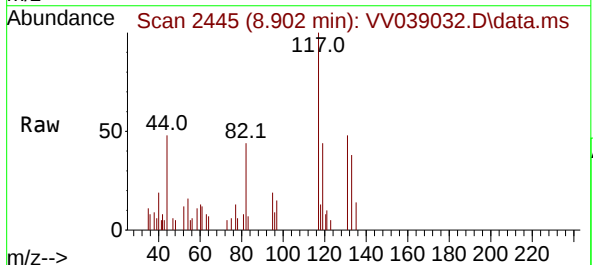
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

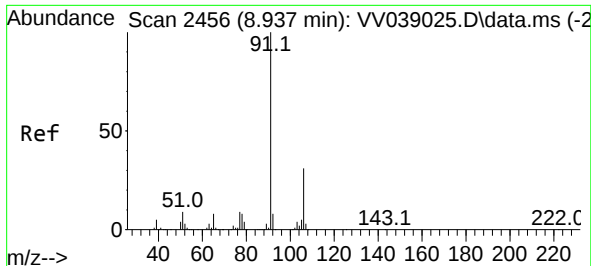
Tgt Ion:112 Resp: 6444
Ion Ratio Lower Upper
112 100
114 29.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.258 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:131 Resp: 1707
Ion Ratio Lower Upper
131 100
133 80.5 47.6 142.9
119 0.0 33.3 99.8





#67

Ethyl Benzene

Concen: 0.272 ug/l

RT: 8.956 min Scan# 2456

Delta R.T. 0.019 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

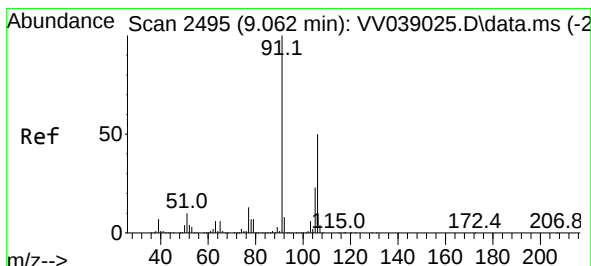
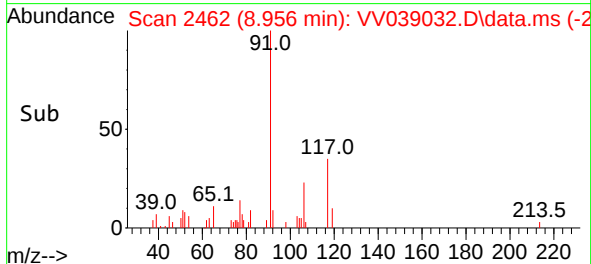
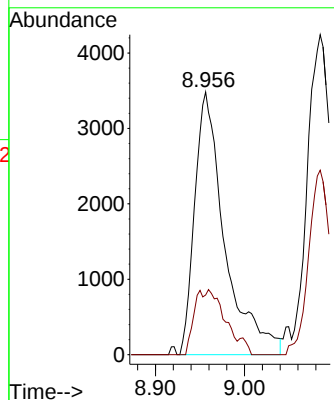
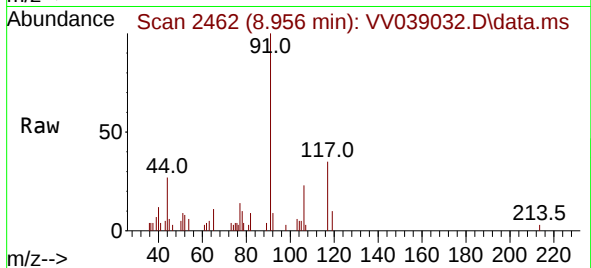
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 8173

Ion Ratio Lower Upper

91 100

106 22.7 24.6 37.0#



#68

m/p-Xylenes

Concen: 0.463 ug/l

RT: 9.085 min Scan# 2502

Delta R.T. 0.023 min

Lab File: VV039032.D

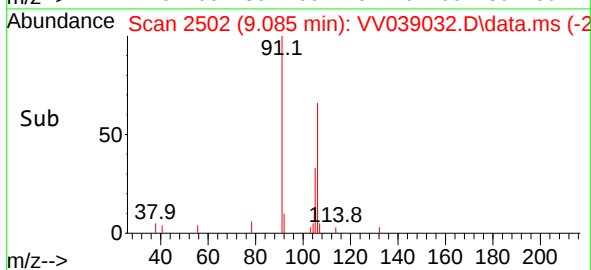
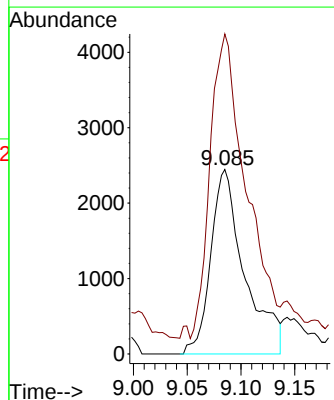
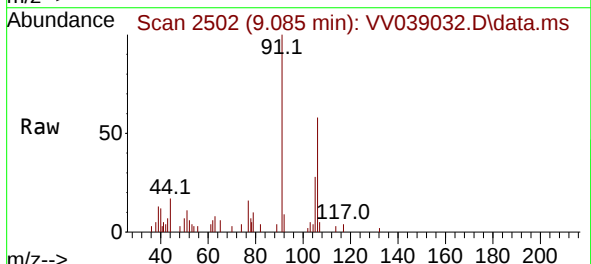
Acq: 25 Aug 2025 15:10

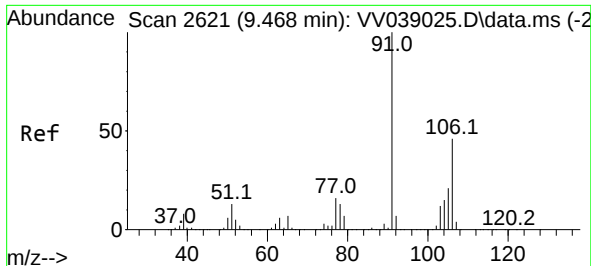
Tgt Ion: 106 Resp: 5346

Ion Ratio Lower Upper

106 100

91 176.5 162.4 243.6

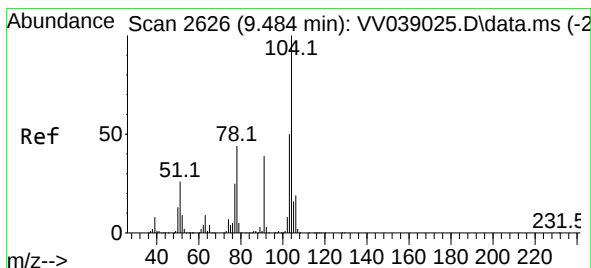
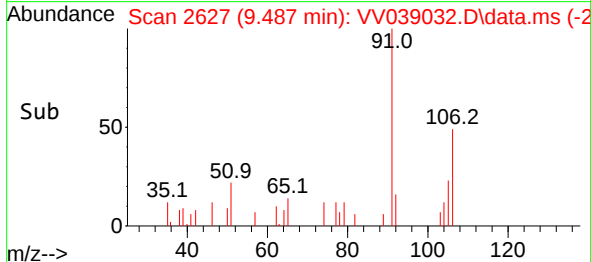
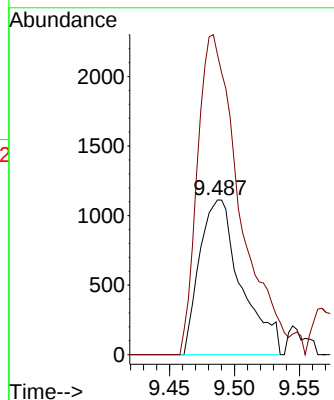
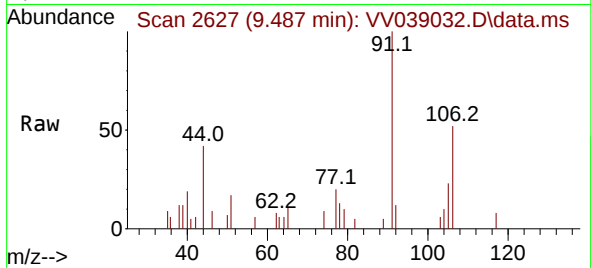




#69
o-Xylene
Concen: 0.234 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.019 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

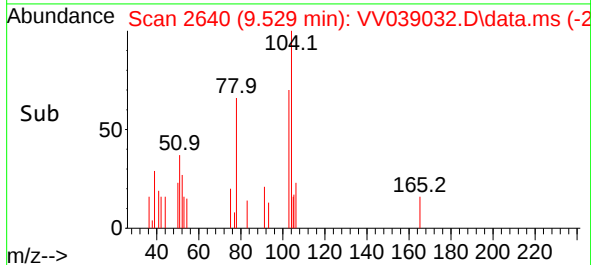
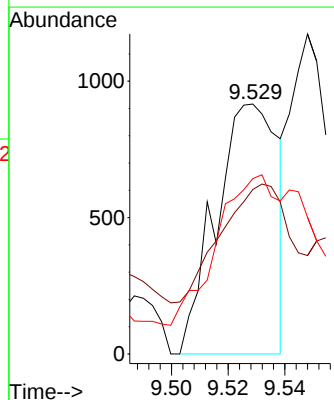
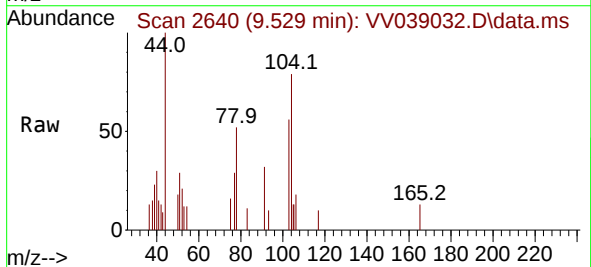
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

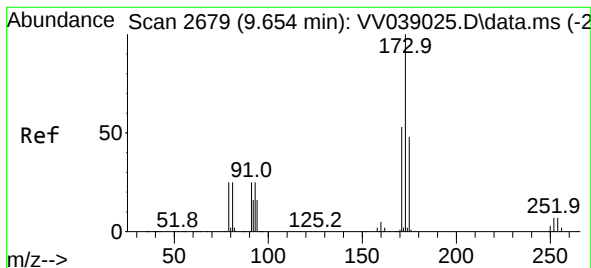
Tgt Ion:106 Resp: 2478
Ion Ratio Lower Upper
106 100
91 209.6 106.7 320.1



#70
Styrene
Concen: 0.074 ug/l
RT: 9.529 min Scan# 2640
Delta R.T. 0.045 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:104 Resp: 1381
Ion Ratio Lower Upper
104 100
78 53.2 39.3 58.9
103 58.9 43.2 64.8





#71

Bromoform

Concen: 0.333 ug/l

RT: 9.664 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV039032.D

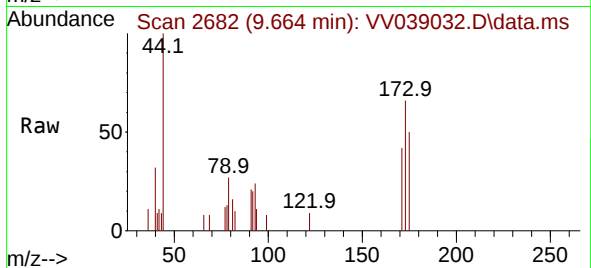
Acq: 25 Aug 2025 15:10

Instrument :

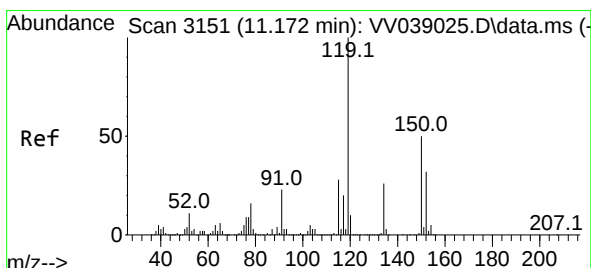
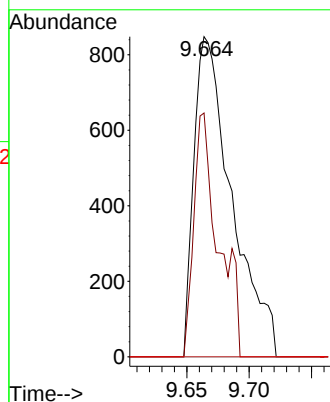
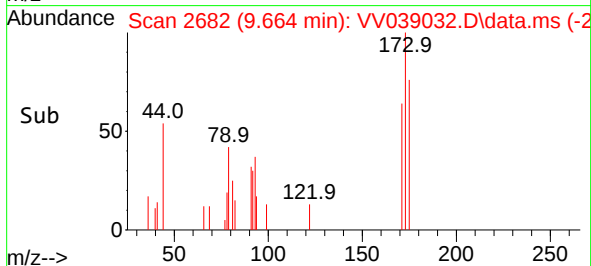
MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion:	173	Resp:	1785
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.3	72.9
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

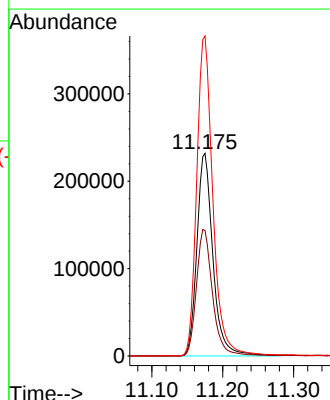
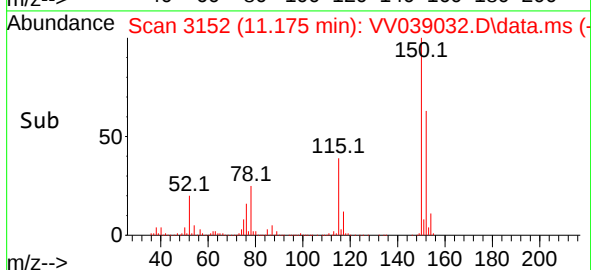
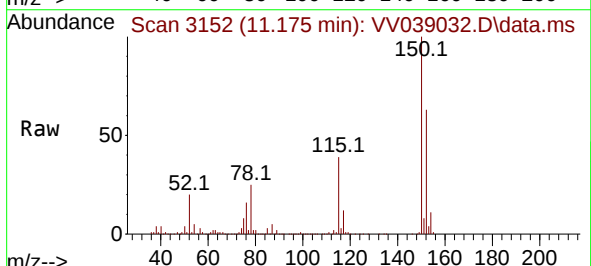
RT: 11.175 min Scan# 3152

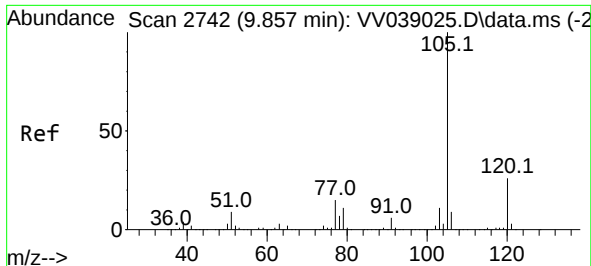
Delta R.T. 0.003 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Tgt Ion:	152	Resp:	365666
Ion Ratio	Lower	Upper	
152	100		
115	62.6	44.0	132.1
150	158.2	0.0	352.2

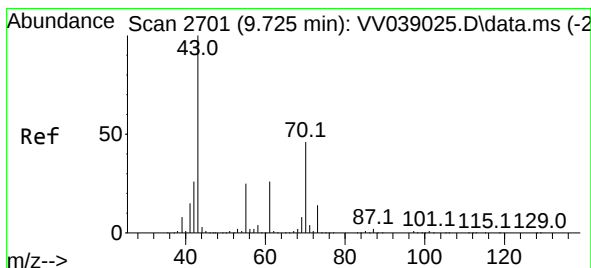
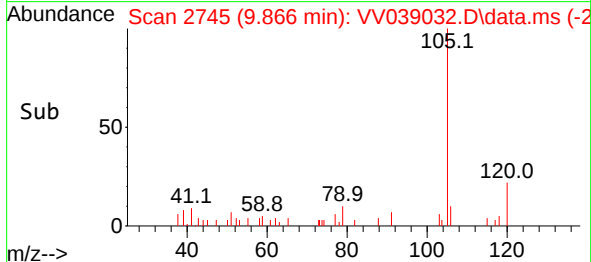
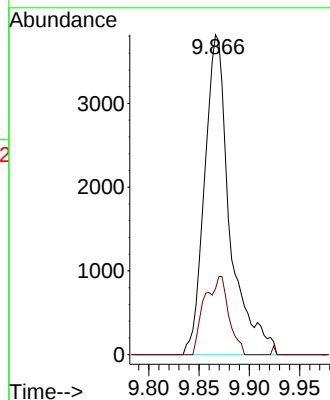
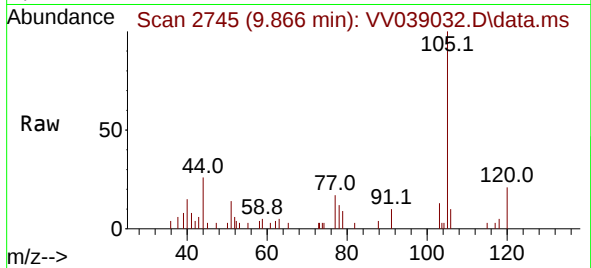




#73
Isopropylbenzene
Concen: 0.261 ug/l
RT: 9.866 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

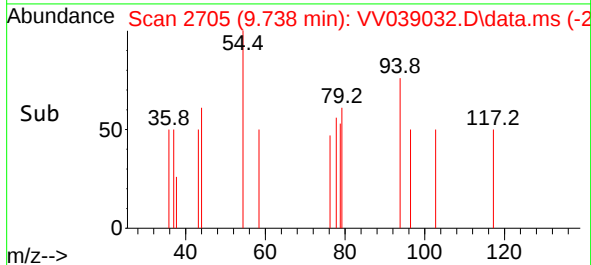
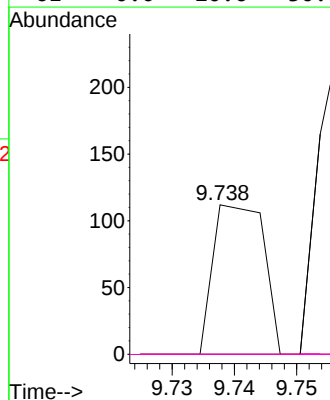
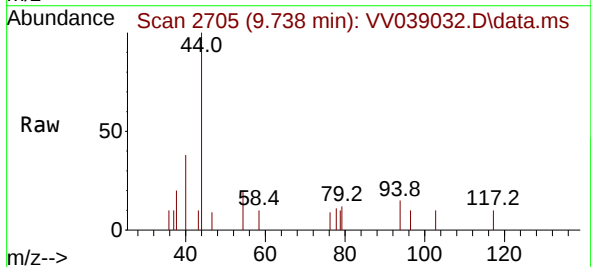
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

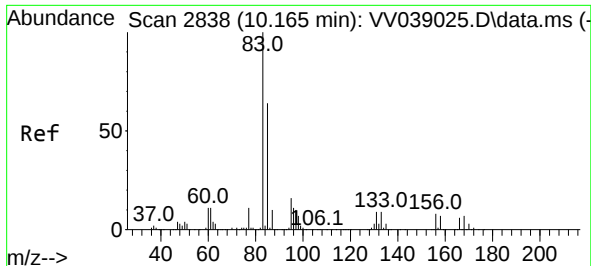
Tgt Ion:105 Resp: 6677
Ion Ratio Lower Upper
105 100
120 23.4 13.2 39.5



#74
N-ethyl acetate
Concen: 0.006 ug/l
RT: 9.738 min Scan# 2705
Delta R.T. 0.013 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
70 0.0 36.4 54.6#
55 0.0 20.6 30.8#
61 0.0 20.6 30.8#

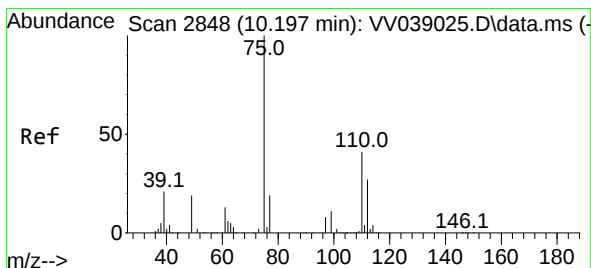
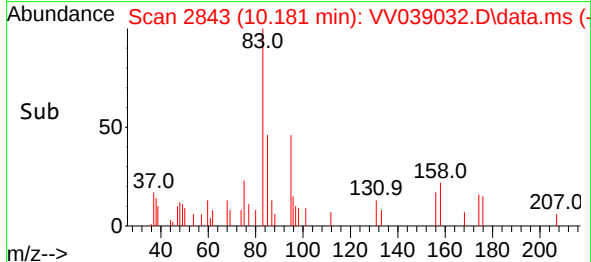
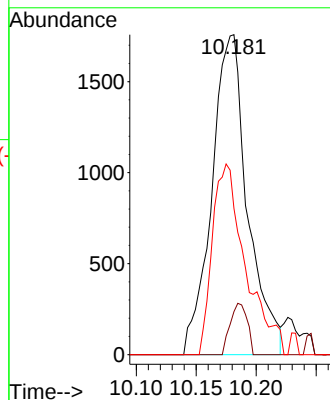
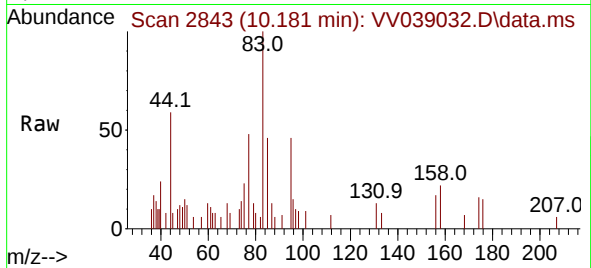




#75
1,1,2,2-Tetrachloroethane
Concen: 0.361 ug/l
RT: 10.181 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

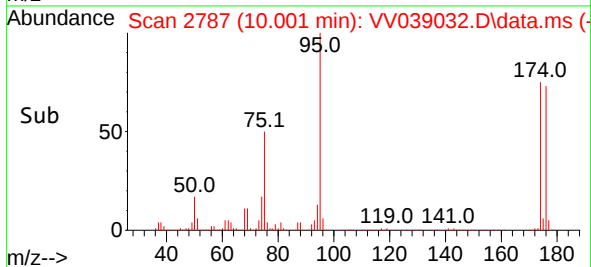
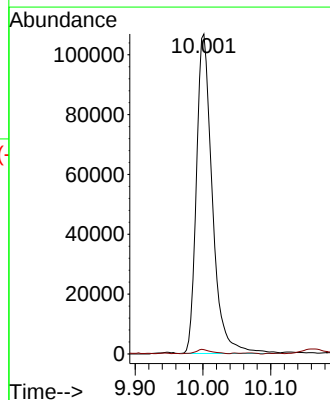
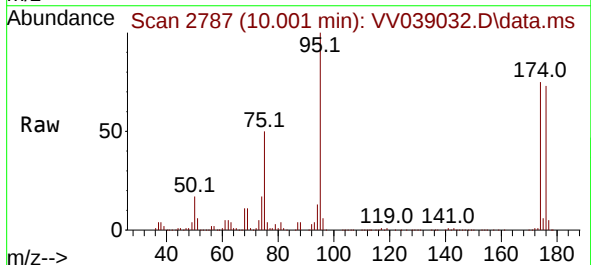
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

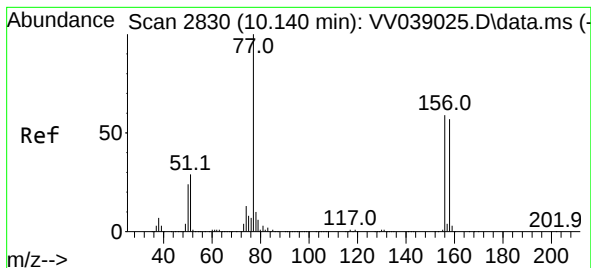
Tgt Ion: 83 Resp: 3645
Ion Ratio Lower Upper
83 100
131 7.6 4.7 14.0
85 55.1 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 24.238 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.196 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 75 Resp: 173980
Ion Ratio Lower Upper
75 100
77 1.3 11.9 35.5#





#77

Bromobenzene

Concen: 0.337 ug/l

RT: 10.159 min Scan# 2836

Delta R.T. 0.019 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

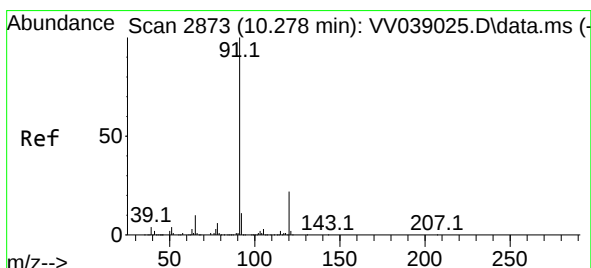
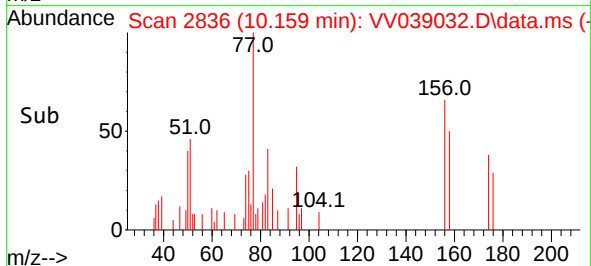
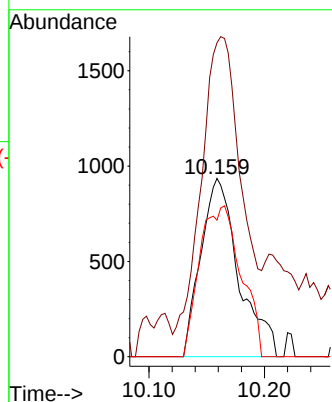
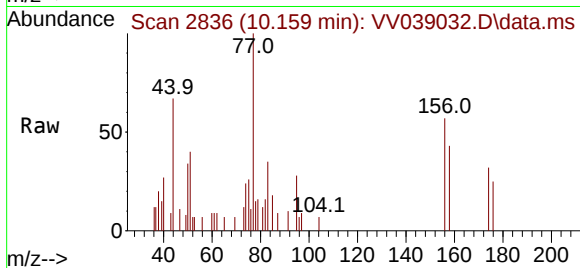
Tgt Ion:156 Resp: 2139

Ion Ratio Lower Upper

156 100

77 171.0 82.5 247.7

158 92.0 49.4 148.0



#78

n-propylbenzene

Concen: 0.296 ug/l

RT: 10.294 min Scan# 2878

Delta R.T. 0.016 min

Lab File: VV039032.D

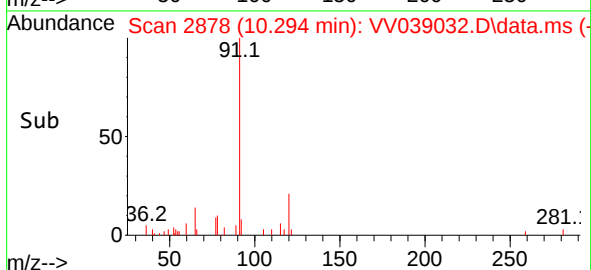
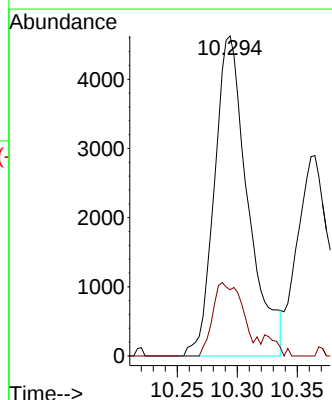
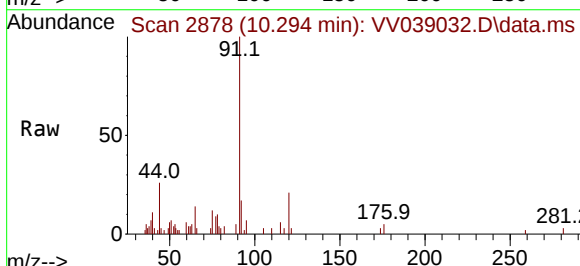
Acq: 25 Aug 2025 15:10

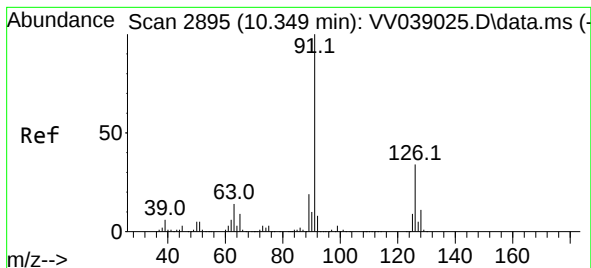
Tgt Ion: 91 Resp: 8957

Ion Ratio Lower Upper

91 100

120 21.1 11.2 33.6





#79

2-Chlorotoluene

Concen: 0.301 ug/l

RT: 10.365 min Scan# 2900

Delta R.T. 0.016 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

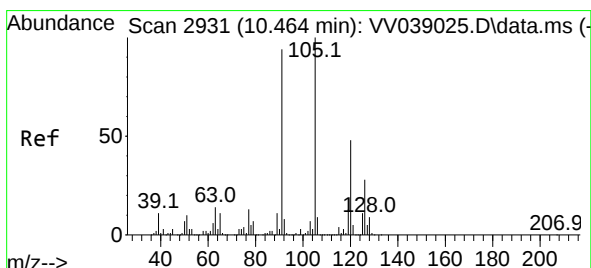
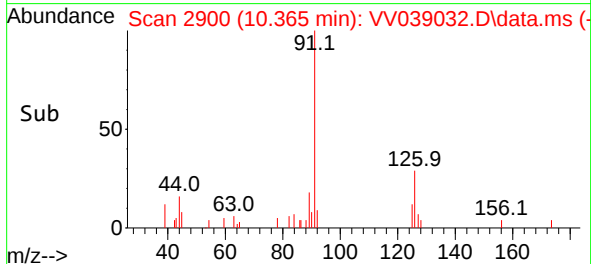
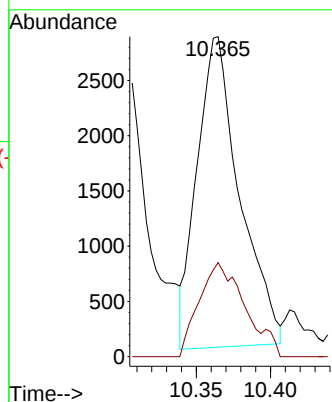
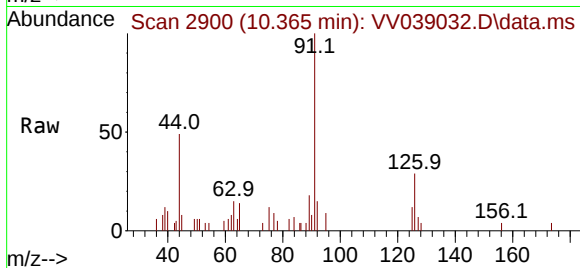
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 5612

Ion Ratio Lower Upper

91 100

126 32.5 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 0.267 ug/l

RT: 10.474 min Scan# 2934

Delta R.T. 0.010 min

Lab File: VV039032.D

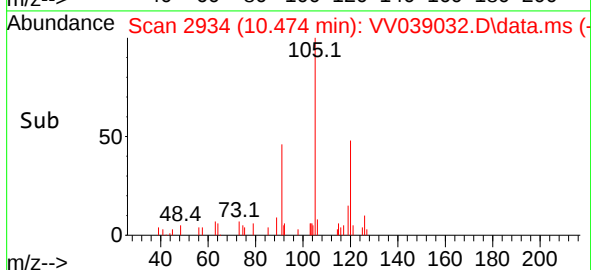
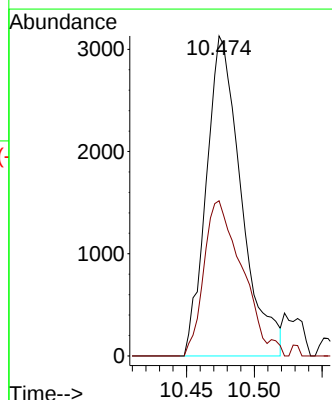
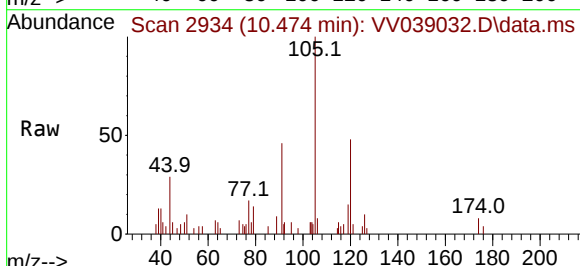
Acq: 25 Aug 2025 15:10

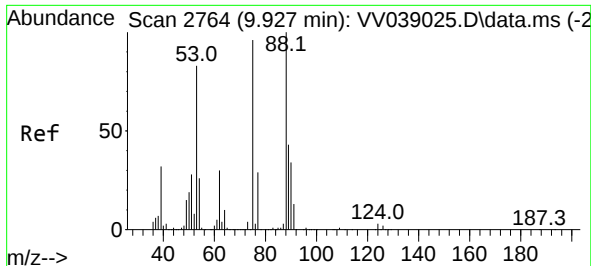
Tgt Ion: 105 Resp: 5616

Ion Ratio Lower Upper

105 100

120 53.1 23.9 71.8

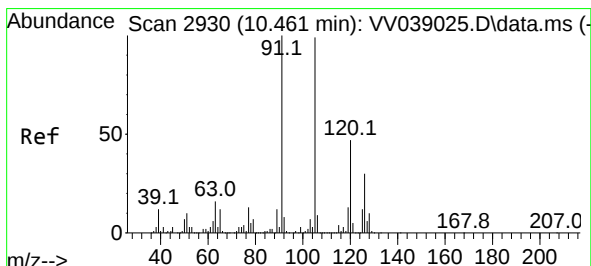
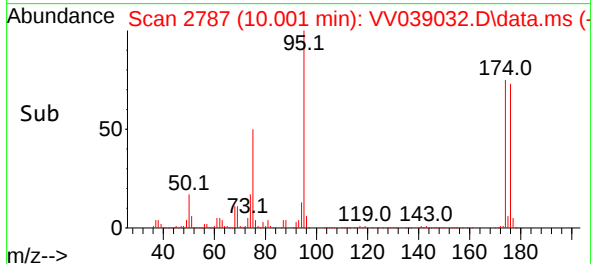
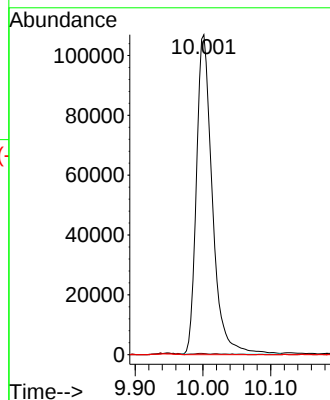
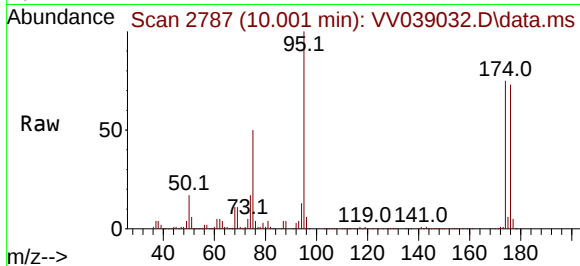




#81
trans-1,4-Dichloro-2-butene
Concen: 53.305 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

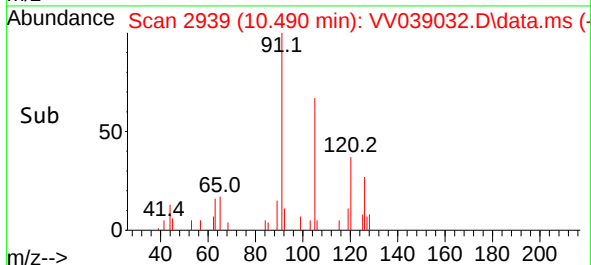
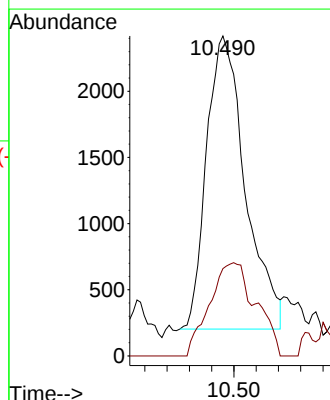
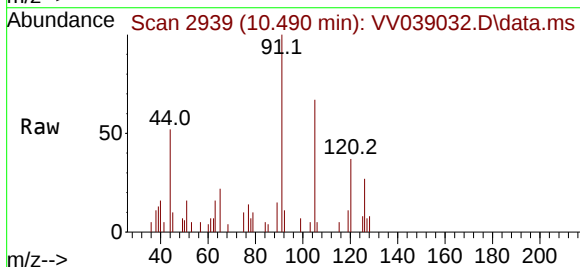
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

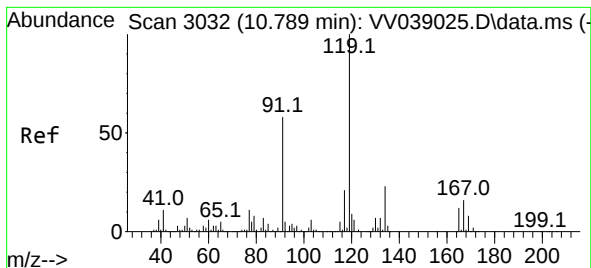
Tgt Ion: 75 Resp: 173980
Ion Ratio Lower Upper
75 100
53 0.4 70.2 105.4#
89 0.0 36.5 54.7#



#82
4-Chlorotoluene
Concen: 0.252 ug/l
RT: 10.490 min Scan# 2939
Delta R.T. 0.029 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 91 Resp: 5355
Ion Ratio Lower Upper
91 100
126 37.7 14.9 44.5





#83

tert-Butylbenzene

Concen: 0.253 ug/l

RT: 10.796 min Scan# 3032

Delta R.T. 0.006 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

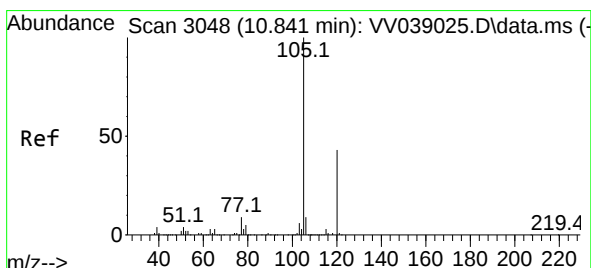
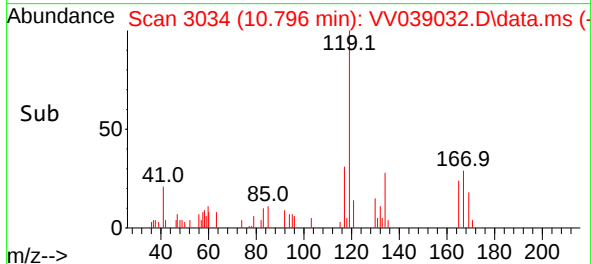
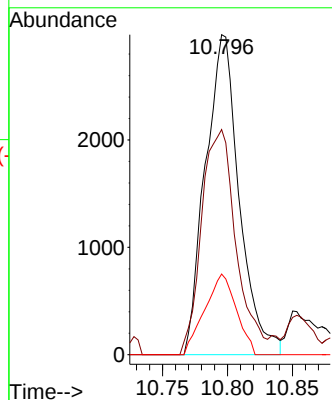
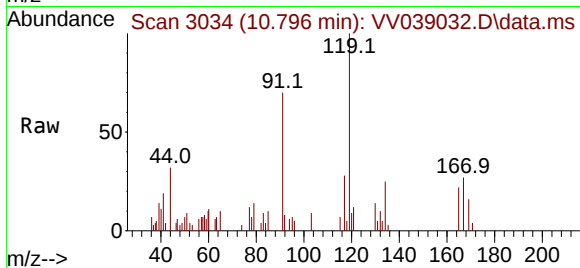
Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:119	Resp:	5406
Ion Ratio	Lower	Upper
119	100	
91	71.8	28.1 84.4
134	23.4	11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 0.253 ug/l

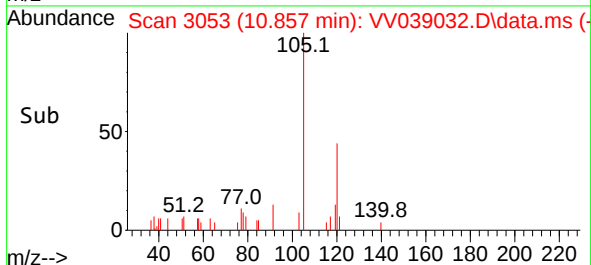
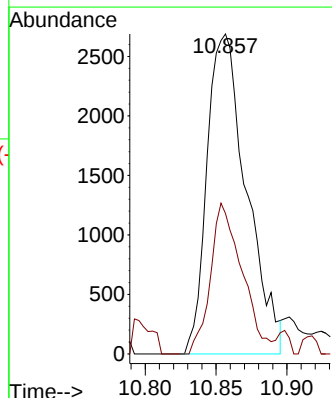
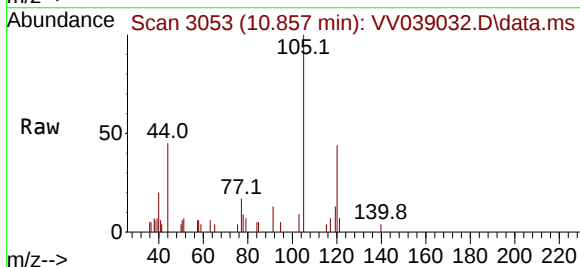
RT: 10.857 min Scan# 3053

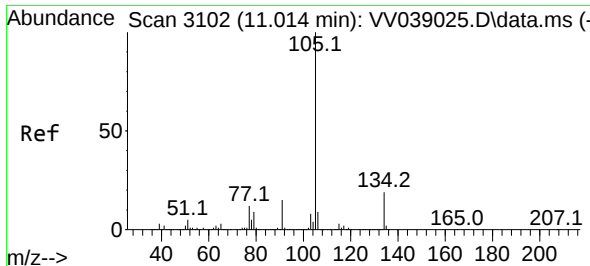
Delta R.T. 0.016 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Tgt Ion:105	Resp:	5213
Ion Ratio	Lower	Upper
105	100	
120	37.7	22.6 67.8

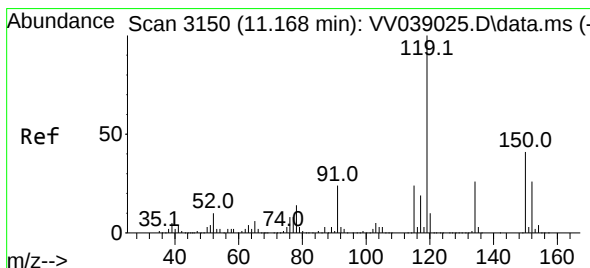
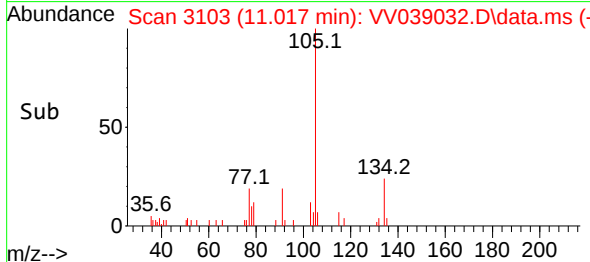
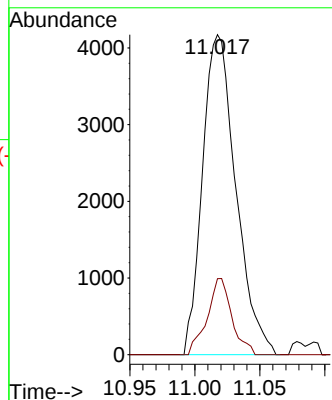
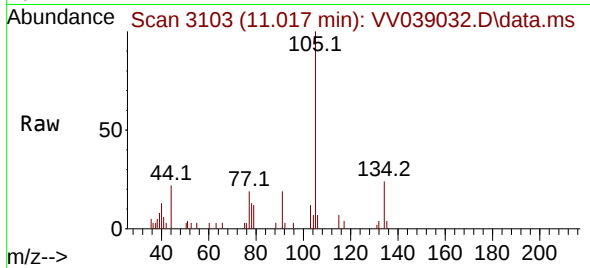




#85
sec-Butylbenzene
Concen: 0.265 ug/l
RT: 11.017 min Scan# 3102
Delta R.T. 0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

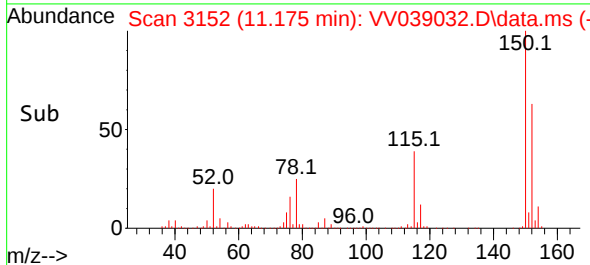
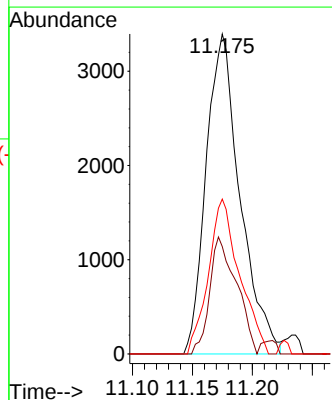
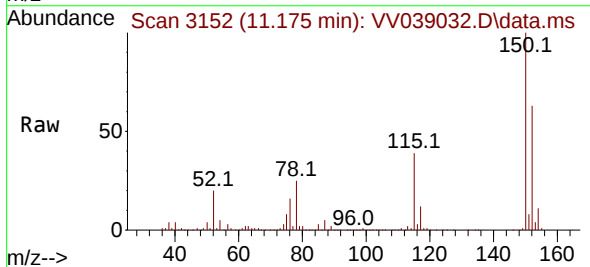
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

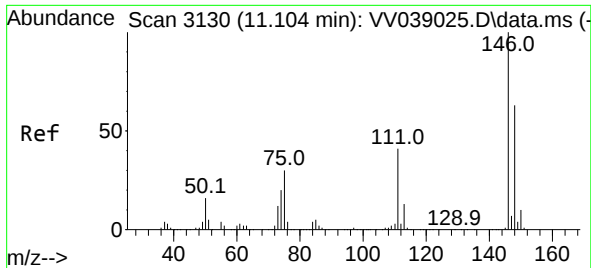
Tgt Ion:105 Resp: 7457
Ion Ratio Lower Upper
105 100
134 17.6 9.8 29.4



#86
p-Isopropyltoluene
Concen: 0.284 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.006 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:119 Resp: 6669
Ion Ratio Lower Upper
119 100
134 29.0 13.1 39.1
91 44.4 12.0 36.1#





#87

1,3-Dichlorobenzene

Concen: 0.382 ug/l

RT: 11.123 min Scan# 3136

Delta R.T. 0.019 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

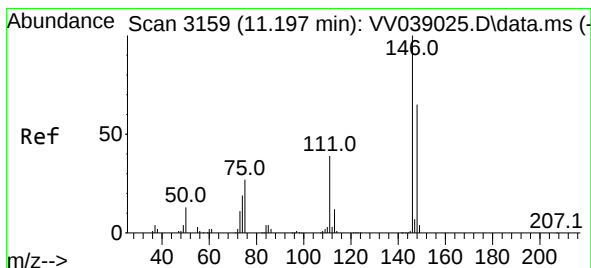
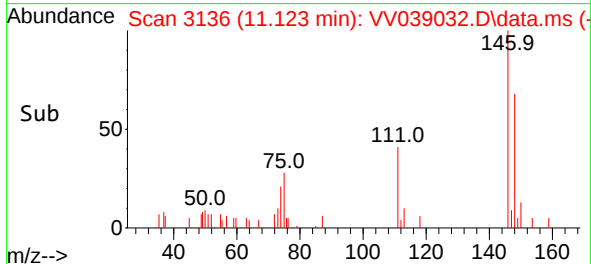
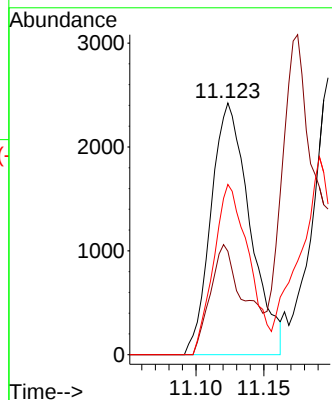
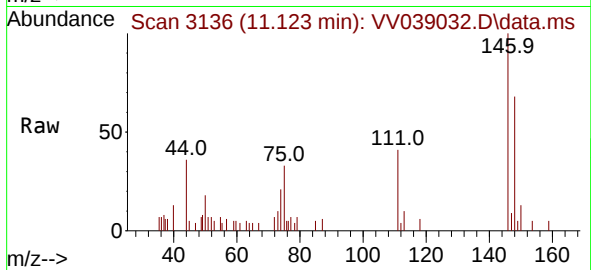
Tgt Ion:146 Resp: 4848

Ion Ratio Lower Upper

146 100

111 38.2 20.5 61.6

148 61.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 0.355 ug/l

RT: 11.123 min Scan# 3136

Delta R.T. -0.074 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

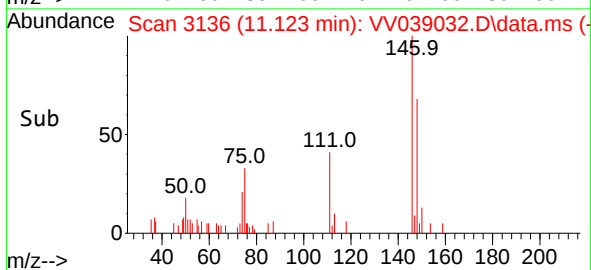
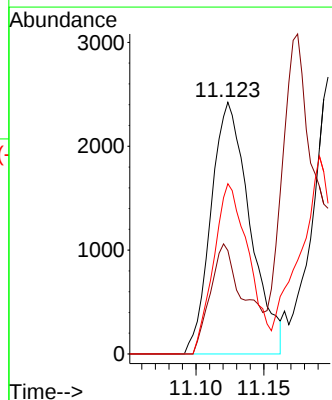
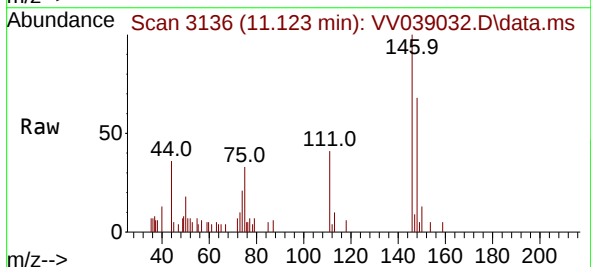
Tgt Ion:146 Resp: 4848

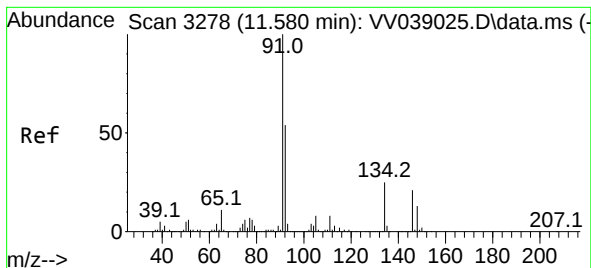
Ion Ratio Lower Upper

146 100

111 38.2 20.1 60.3

148 61.5 32.5 97.4





#89

n-Butylbenzene

Concen: 0.277 ug/l

RT: 11.596 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

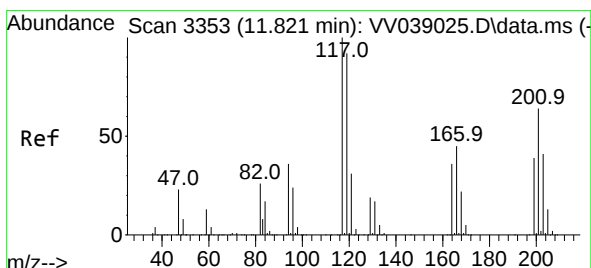
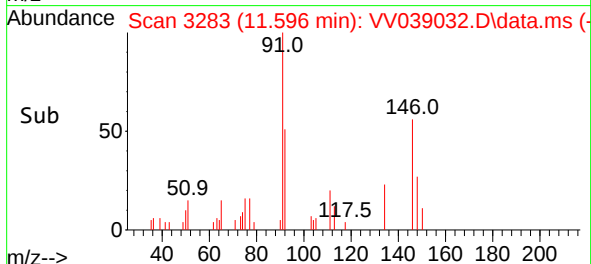
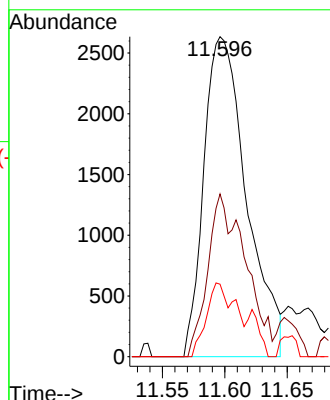
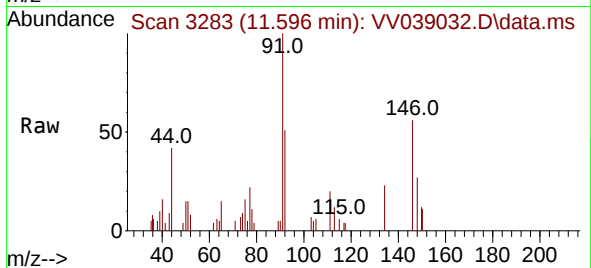
Tgt Ion: 91 Resp: 6277

Ion Ratio Lower Upper

91 100

92 45.1 26.8 80.4

134 15.5 12.2 36.6



#90

Hexachloroethane

Concen: 0.345 ug/l

RT: 11.824 min Scan# 3354

Delta R.T. 0.003 min

Lab File: VV039032.D

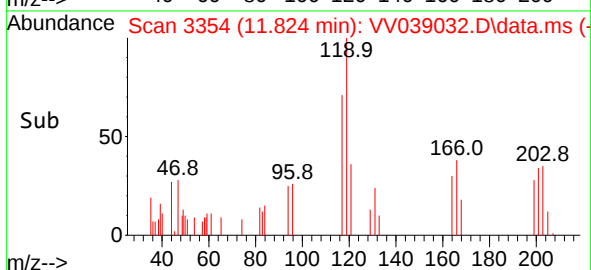
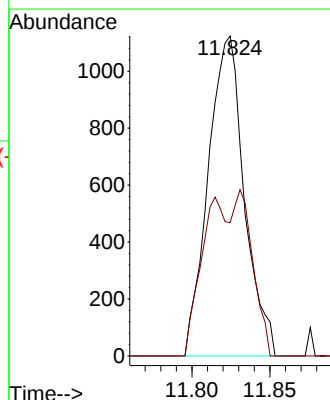
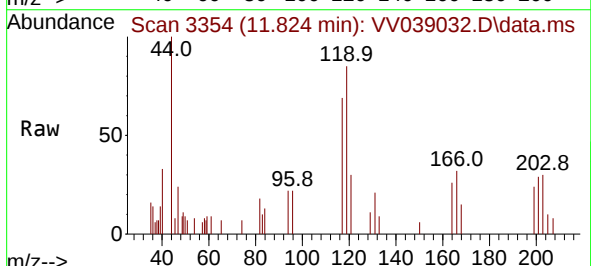
Acq: 25 Aug 2025 15:10

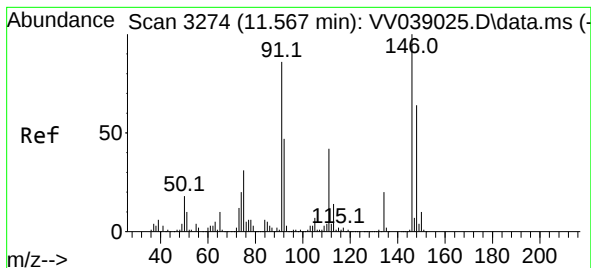
Tgt Ion: 117 Resp: 1808

Ion Ratio Lower Upper

117 100

201 38.6 32.2 96.6





#91

1,2-Dichlorobenzene

Concen: 0.272 ug/l

RT: 11.590 min Scan# 31

Delta R.T. 0.023 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

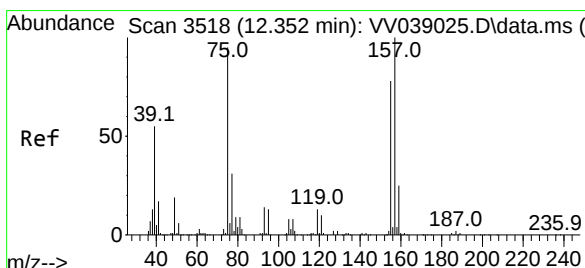
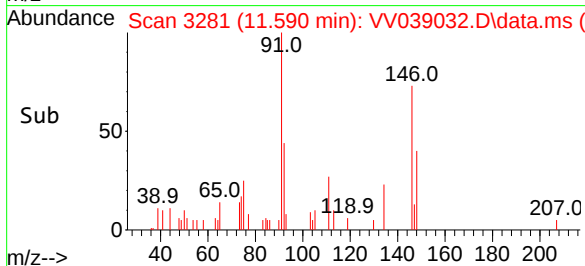
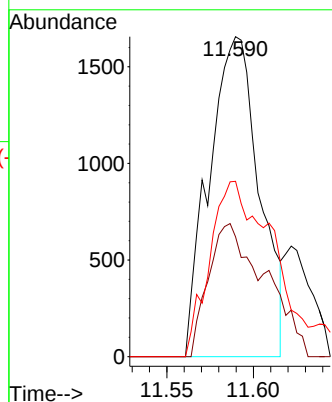
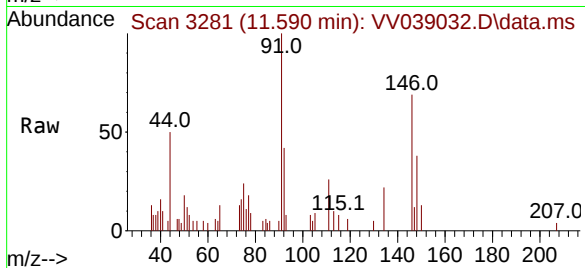
Tgt Ion:146 Resp: 3350

Ion Ratio Lower Upper

146 100

111 46.9 21.1 63.4

148 68.7 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.058 ug/l

RT: 12.345 min Scan# 3516

Delta R.T. -0.006 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

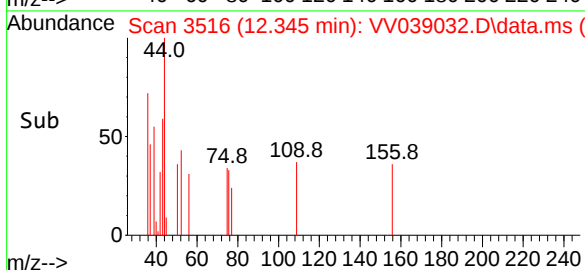
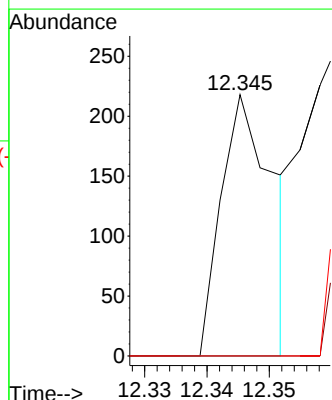
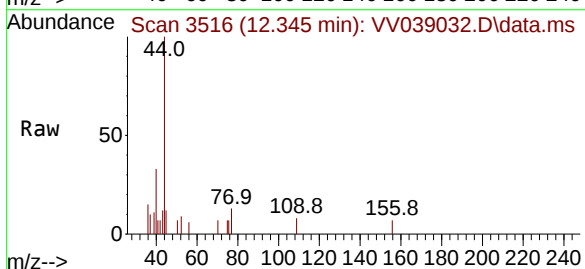
Tgt Ion: 75 Resp: 127

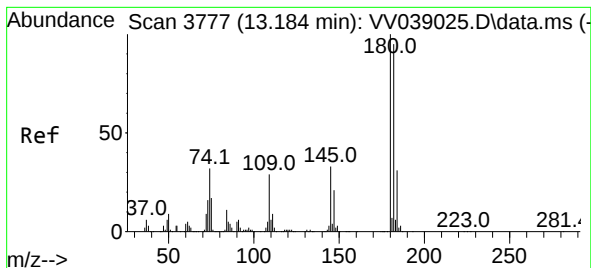
Ion Ratio Lower Upper

75 100

155 0.0 40.9 122.7#

157 0.0 53.4 160.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.365 ug/l

RT: 13.207 min Scan# 31

Delta R.T. 0.023 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

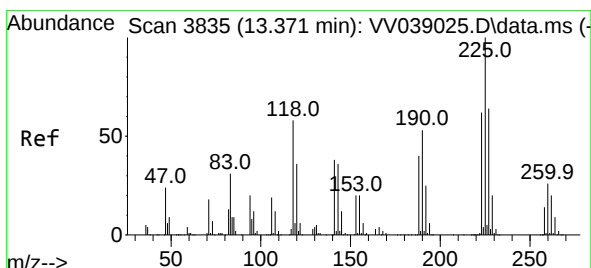
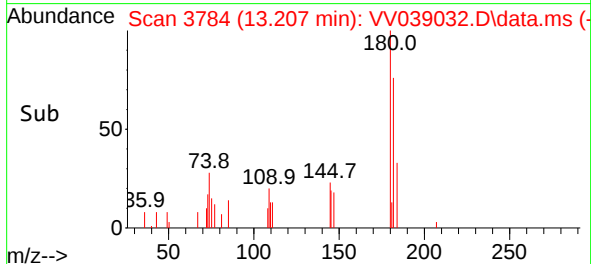
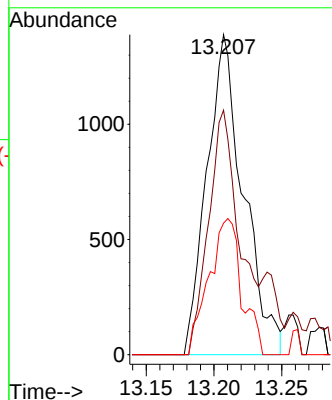
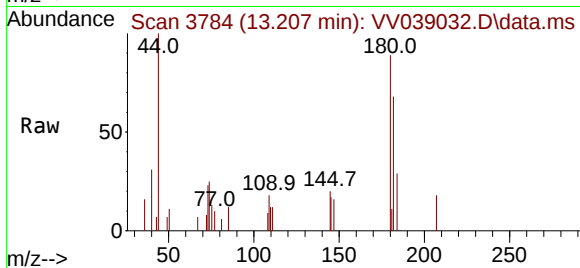
Tgt Ion:180 Resp: 2605

Ion Ratio Lower Upper

180 100

182 64.8 47.5 142.6

145 38.3 16.3 48.9



#94

Hexachlorobutadiene

Concen: 0.357 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.003 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

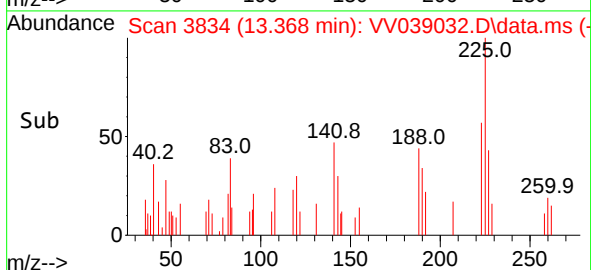
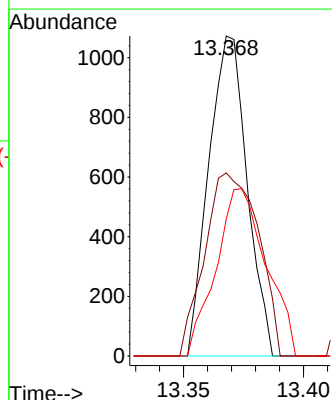
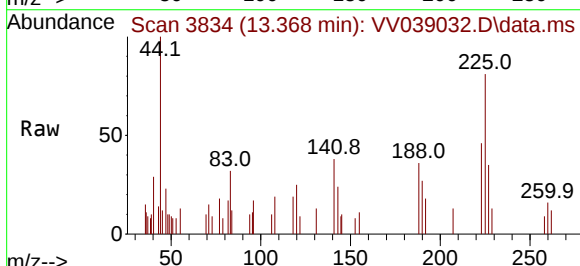
Tgt Ion:225 Resp: 1191

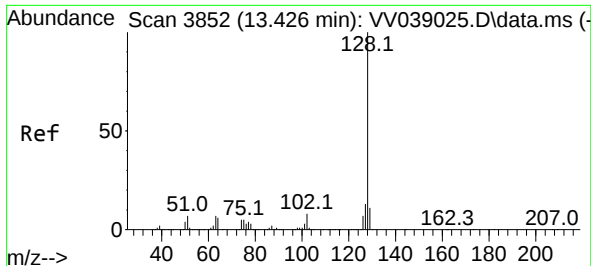
Ion Ratio Lower Upper

225 100

223 80.1 32.1 96.5

227 68.5 31.6 95.0

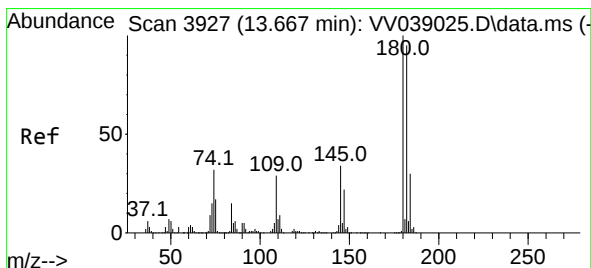
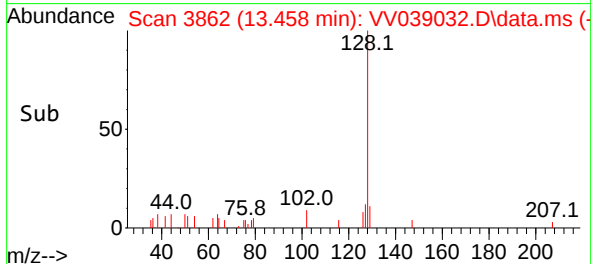
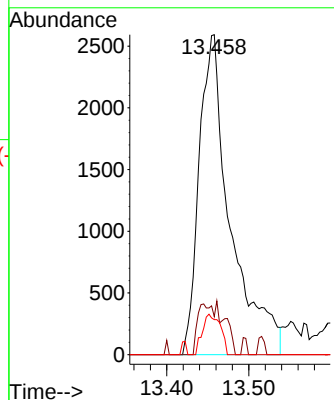
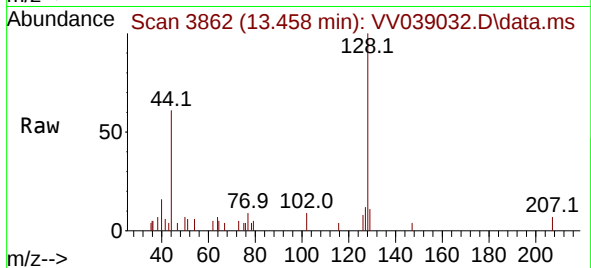




#95
Naphthalene
Concen: 0.277 ug/l
RT: 13.458 min Scan# 3933
Delta R.T. 0.032 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

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

Tgt Ion:128 Resp: 6850
Ion Ratio Lower Upper
128 100
127 10.7 10.2 15.2
129 7.3 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 0.313 ug/l
RT: 13.686 min Scan# 3933
Delta R.T. 0.019 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:180 Resp: 2263
Ion Ratio Lower Upper
180 100
182 68.5 47.0 141.0
145 39.4 17.0 51.0

