

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081125\
 Data File : VV038941.D
 Acq On : 11 Aug 2025 14:30
 Operator : SY/MD
 Sample : Q2126-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 12 01:47:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 01:42:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	478461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	804470	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	766480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	384577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	364153	52.923	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 105.840%	
35) Dibromofluoromethane	4.500	113	304573	49.905	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 99.800%	
50) Toluene-d8	7.236	98	1008293	47.703	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 95.400%	
62) 4-Bromofluorobenzene	10.001	95	329320	43.261	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 86.520%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.118	85	7988	2.481	ug/l	95
3) Chloromethane	1.230	50	7976	2.597	ug/l	93
4) Vinyl Chloride	1.298	62	9123	2.417	ug/l	91
5) Bromomethane	1.491	94	9865	3.334	ug/l	96
6) Chloroethane	1.558	64	6398	2.357	ug/l	95
7) Trichlorofluoromethane	1.725	101	16655	2.228	ug/l	96
8) Diethyl Ether	1.921	74	5521	1.981	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.085	101	10645	2.230	ug/l	98
10) Methyl Iodide	2.198	142	7198	1.582	ug/l	98
11) Tert butyl alcohol	2.571	59	18464	15.866	ug/l	100
12) 1,1-Dichloroethene	2.082	96	9101	2.300	ug/l	100
13) Acrolein	2.008	56	32194	35.945	ug/l	96
14) Allyl chloride	2.362	41	11463	1.657	ug/l	98
15) Acrylonitrile	2.680	53	42805	13.932	ug/l	99
16) Acetone	2.124	43	23262	9.418	ug/l	95
17) Carbon Disulfide	2.253	76	9798	1.533	ug/l #	95
18) Methyl Acetate	2.384	43	10621	1.199	ug/l	91
19) Methyl tert-butyl Ether	2.712	73	44411	2.728	ug/l	99
20) Methylene Chloride	2.458	84	12589	2.215	ug/l	93
21) trans-1,2-Dichloroethene	2.706	96	11497	2.673	ug/l	97
22) Diisopropyl ether	3.220	45	35217	2.517	ug/l #	60
23) Vinyl Acetate	3.198	43	133251	12.819	ug/l	98
24) 1,1-Dichloroethane	3.121	63	25057	2.792	ug/l	97
25) 2-Butanone	3.896	43	39417	12.578	ug/l #	89
26) 2,2-Dichloropropane	3.812	77	20965	2.636	ug/l	96
27) cis-1,2-Dichloroethene	3.822	96	12798	2.482	ug/l	93
28) Bromochloromethane	4.153	49	10047	3.333	ug/l #	93
29) Tetrahydrofuran	4.256	42	23766	11.583	ug/l	98
30) Chloroform	4.281	83	27314	2.797	ug/l	99
31) Cyclohexane	4.584	56	20928	3.786	ug/l #	72
32) 1,1,1-Trichloroethane	4.513	97	22161	2.639	ug/l	96
36) 1,1-Dichloropropene	4.754	75	12872m	2.372	ug/l	
37) Ethyl Acetate	4.011	43	20879m	2.904	ug/l	
38) Carbon Tetrachloride	4.738	117	17370	2.424	ug/l	94
39) Methylcyclohexane	6.047	83	13443	2.283	ug/l	96
40) Benzene	5.018	78	46560	2.595	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.191	41	5672m	1.951	ug/l	
42) 1,2-Dichloroethane	5.056	62	17790	2.557	ug/l	87
43) Isopropyl Acetate	5.214	43	23387	2.342	ug/l #	87
44) Trichloroethene	5.841	130	12059	2.522	ug/l	88
45) 1,2-Dichloropropane	6.101	63	10926	2.185	ug/l	99
46) Dibromomethane	6.243	93	9476	2.560	ug/l	98
47) Bromodichloromethane	6.436	83	20701	2.517	ug/l	98
48) Methyl methacrylate	6.330	41	12980m	2.935	ug/l	
49) 1,4-Dioxane	6.313	88	3749	40.671	ug/l #	82
51) 4-Methyl-2-Pentanone	7.156	43	75696	10.941	ug/l	93
52) Toluene	7.320	92	28439	2.516	ug/l	96
53) t-1,3-Dichloropropene	7.596	75	16646	2.314	ug/l	96
54) cis-1,3-Dichloropropene	6.966	75	16566	2.109	ug/l	95
55) 1,1,2-Trichloroethane	7.773	97	14768	2.670	ug/l	97
56) Ethyl methacrylate	7.731	69	13026	2.010	ug/l	95
57) 1,3-Dichloropropane	7.950	76	21623	2.555	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.828	63	32290	9.948	ug/l	94
59) 2-Hexanone	8.079	43	53513	10.716	ug/l	93
60) Dibromochloromethane	8.172	129	17258	2.548	ug/l	98
61) 1,2-Dibromoethane	8.284	107	13884	2.528	ug/l	99
64) Tetrachloroethene	7.905	164	11544	2.566	ug/l	92
65) Chlorobenzene	8.809	112	37785	2.522	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.902	131	15007	2.546	ug/l	94
67) Ethyl Benzene	8.944	91	48932	2.223	ug/l	98
68) m/p-Xylenes	9.069	106	34197	4.032	ug/l	98
69) o-Xylene	9.474	106	17119	2.146	ug/l	94
70) Styrene	9.497	104	27869	1.941	ug/l	98
71) Bromoform	9.661	173	13587	2.743	ug/l #	92
73) Isopropylbenzene	9.860	105	46677	2.325	ug/l	99
74) N-amyl acetate	9.738	43	15411	2.185	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.172	83	25536	2.975	ug/l	95
76) 1,2,3-Trichloropropane	10.204	75	16967	2.700	ug/l	98
77) Bromobenzene	10.149	156	15331	2.845	ug/l	93
78) n-propylbenzene	10.281	91	58221	2.459	ug/l	93
79) 2-Chlorotoluene	10.352	91	37067	2.550	ug/l	100
80) 1,3,5-Trimethylbenzene	10.468	105	39114	2.309	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.940	75	5227	2.083	ug/l #	86
82) 4-Chlorotoluene	10.474	91	39804	2.342	ug/l	99
83) tert-Butylbenzene	10.789	119	43713	2.423	ug/l	96
84) 1,2,4-Trimethylbenzene	10.844	105	36449	2.168	ug/l	97
85) sec-Butylbenzene	11.014	105	52277	2.293	ug/l	95
86) p-Isopropyltoluene	11.172	119	45508	2.292	ug/l	97
87) 1,3-Dichlorobenzene	11.114	146	28232	2.506	ug/l	97
88) 1,4-Dichlorobenzene	11.201	146	33001	2.693	ug/l	92
89) n-Butylbenzene	11.583	91	40950	2.230	ug/l	98
90) Hexachloroethane	11.821	117	11864	2.533	ug/l	92
91) 1,2-Dichlorobenzene	11.574	146	27389	2.572	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.358	75	4703	2.519	ug/l	97
93) 1,2,4-Trichlorobenzene	13.191	180	14597	2.174	ug/l	96
94) Hexachlorobutadiene	13.371	225	8972	2.528	ug/l	99
95) Naphthalene	13.432	128	45757	2.171	ug/l	98
96) 1,2,3-Trichlorobenzene	13.670	180	15609	2.271	ug/l	99

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LOD-MDL-WATER-01-QT2-2025

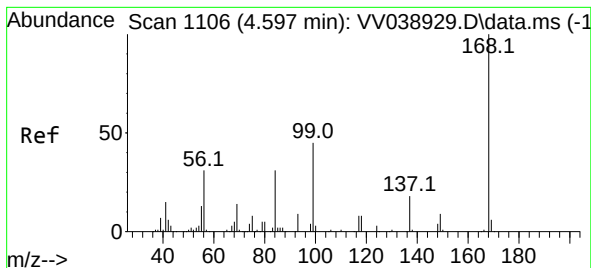
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038941.D

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Instrument :

MSVOA_V

ClientSampleId :

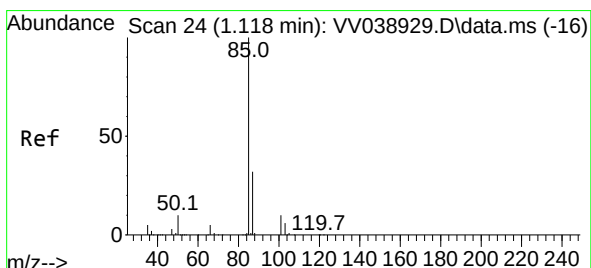
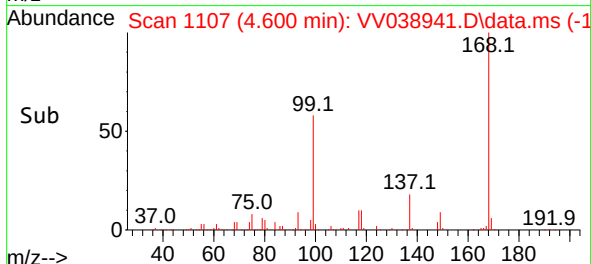
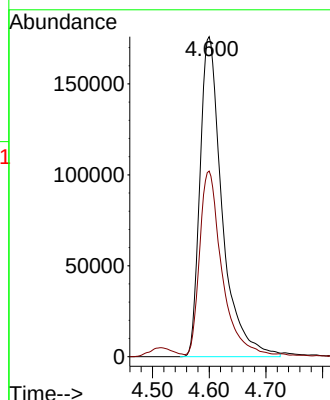
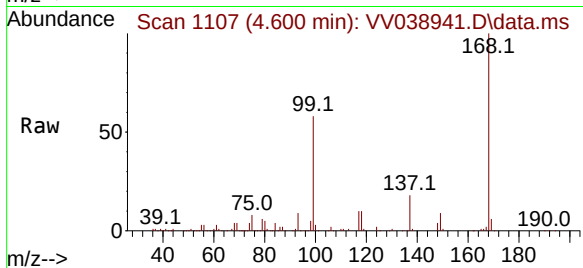
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:168 Resp: 478461

Ion Ratio Lower Upper

168 100

99 57.1 47.3 70.9



#2

Dichlorodifluoromethane

Concen: 2.481 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.000 min

Lab File: VV038941.D

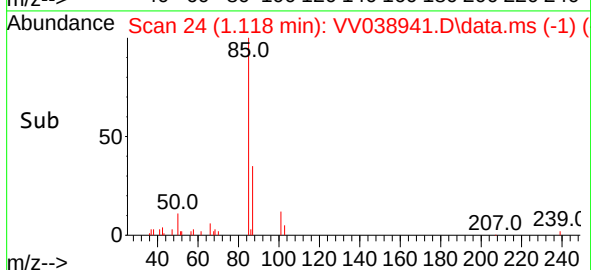
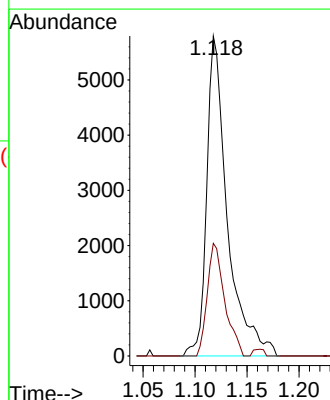
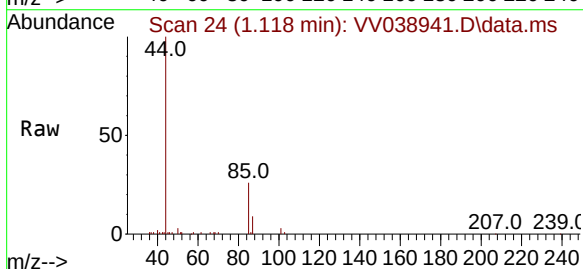
Acq: 11 Aug 2025 14:30

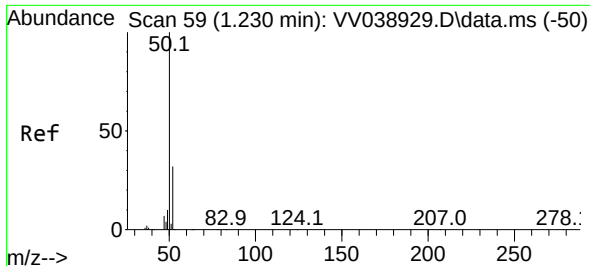
Tgt Ion: 85 Resp: 7988

Ion Ratio Lower Upper

85 100

87 35.2 16.2 48.6

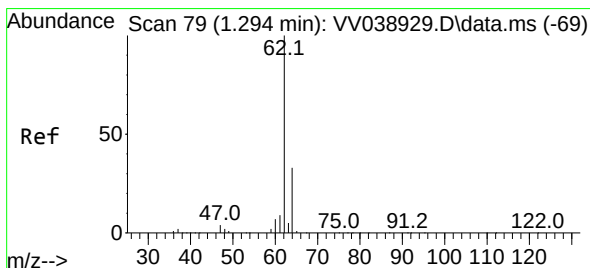
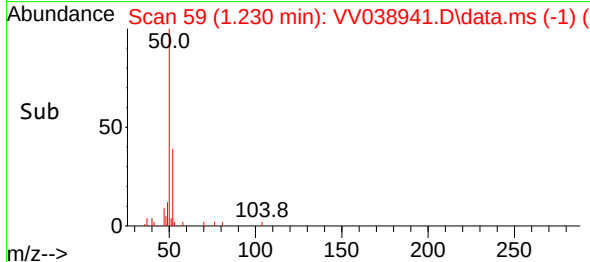
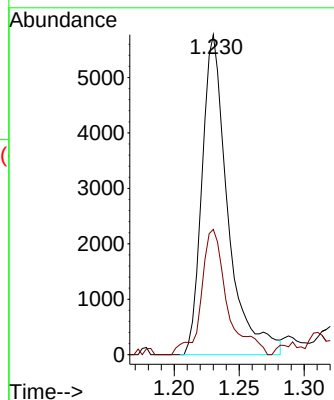
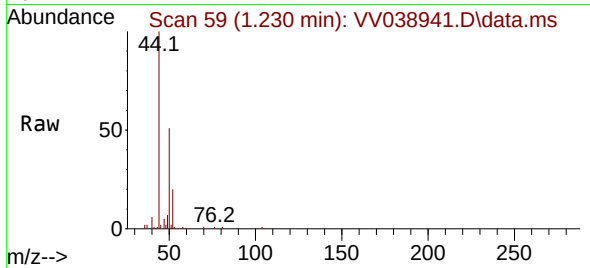




#3
Chloromethane
Concen: 2.597 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038941.D
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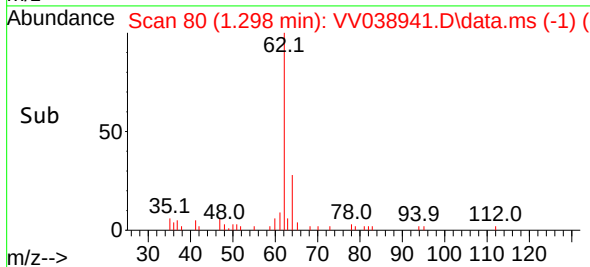
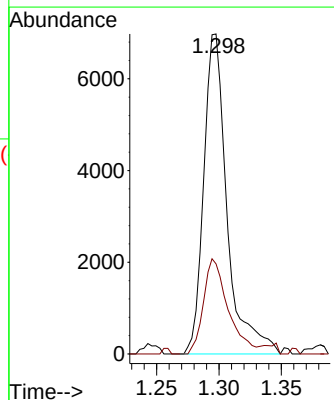
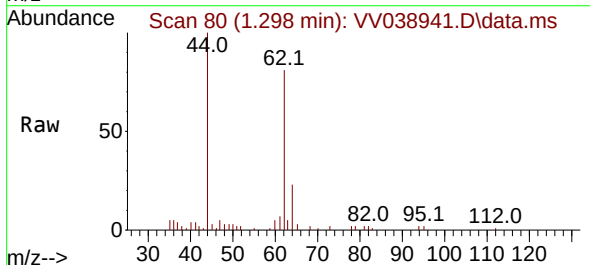
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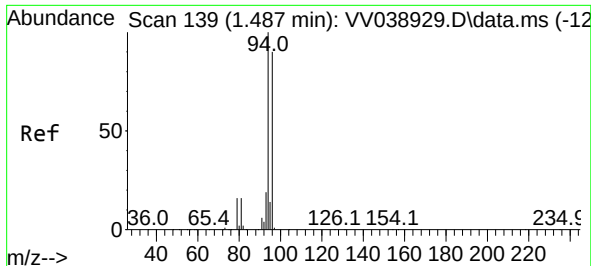
Tgt Ion: 50 Resp: 7976
Ion Ratio Lower Upper
50 100
52 36.2 25.9 38.9



#4
Vinyl Chloride
Concen: 2.417 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 62 Resp: 9123
Ion Ratio Lower Upper
62 100
64 28.1 26.6 40.0

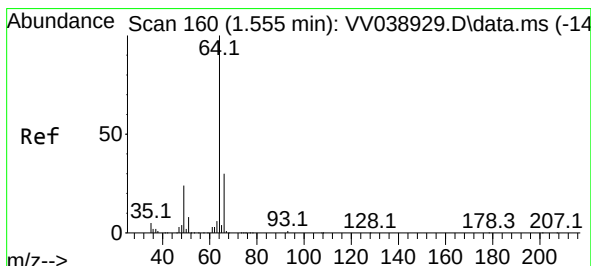
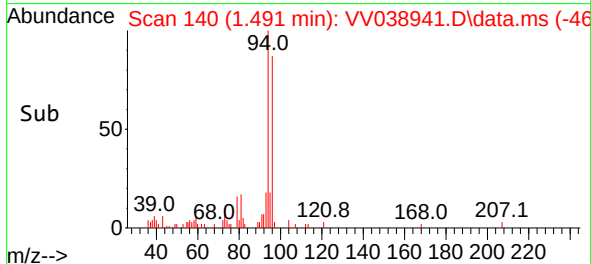
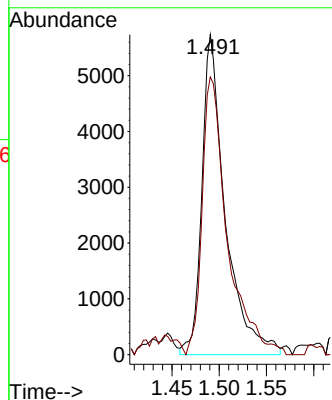
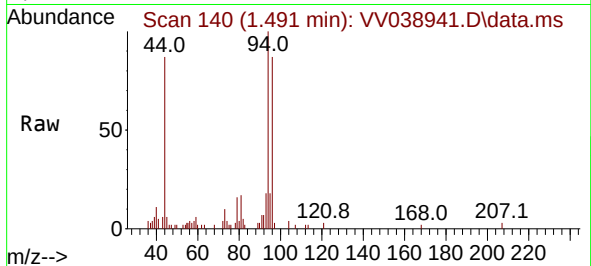




#5
Bromomethane
Concen: 3.334 ug/l
RT: 1.491 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

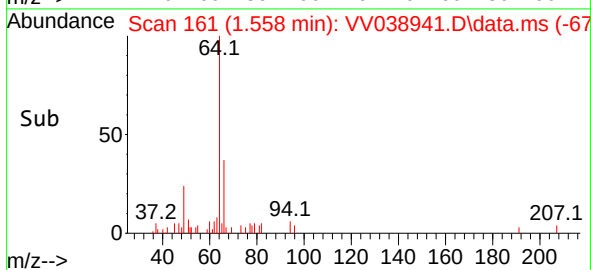
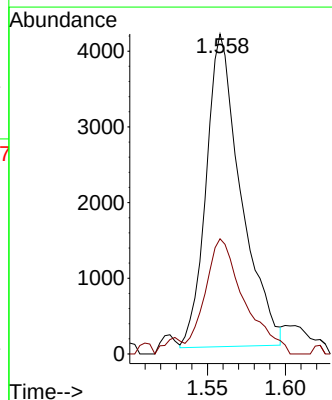
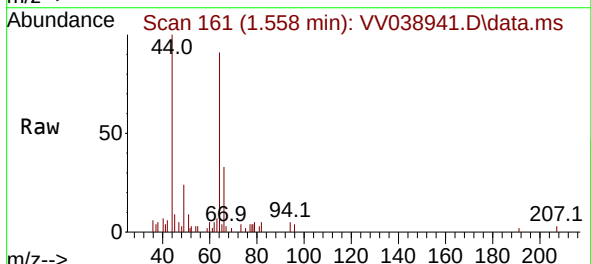
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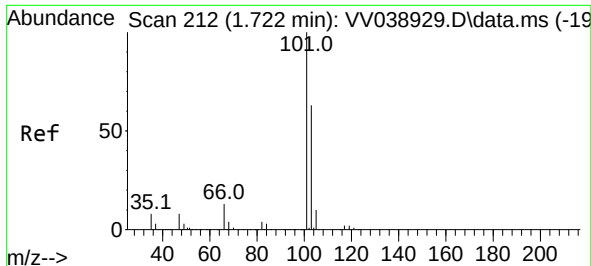
Tgt Ion: 94 Resp: 9865
Ion Ratio Lower Upper
94 100
96 86.3 71.8 107.8



#6
Chloroethane
Concen: 2.357 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 64 Resp: 6398
Ion Ratio Lower Upper
64 100
66 32.9 24.3 36.5

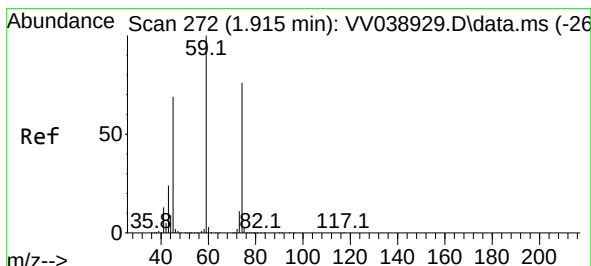
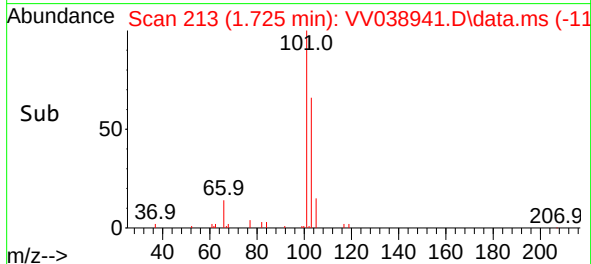
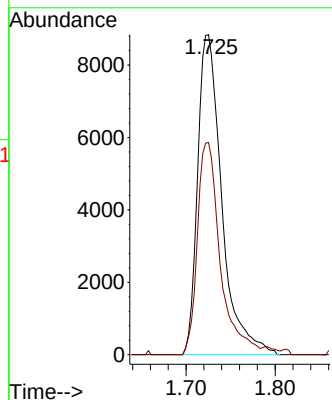
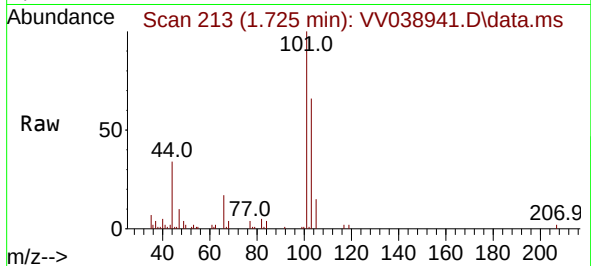




#7
Trichlorofluoromethane
Concen: 2.228 ug/l
RT: 1.725 min Scan# 212
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

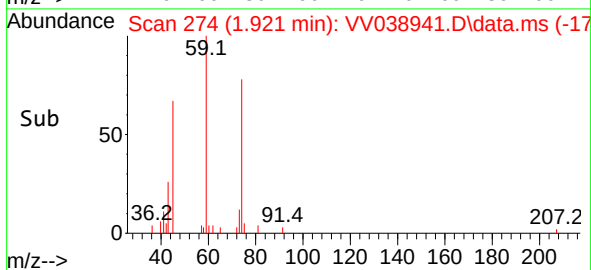
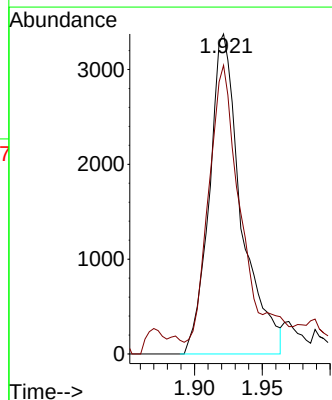
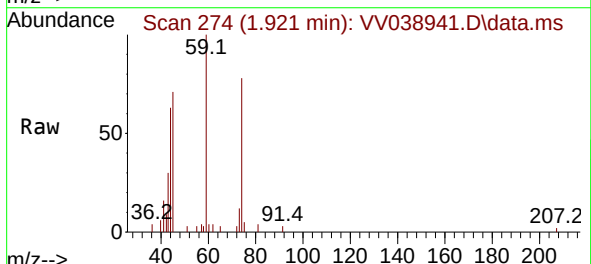
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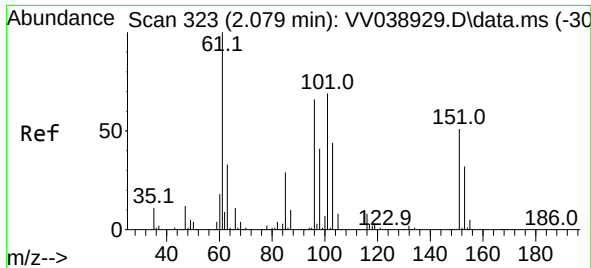
Tgt Ion:101 Resp: 16655
Ion Ratio Lower Upper
101 100
103 66.3 50.8 76.2



#8
Diethyl Ether
Concen: 1.981 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.006 min
Lab File: VV038941.D
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Tgt Ion: 74 Resp: 5521
Ion Ratio Lower Upper
74 100
45 86.0 44.8 134.4

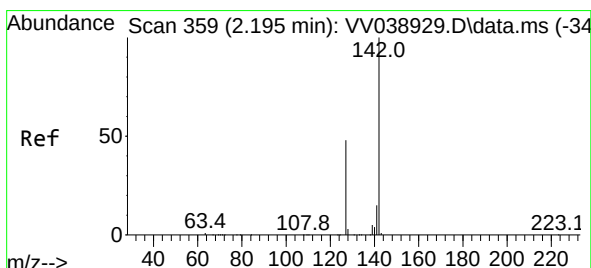
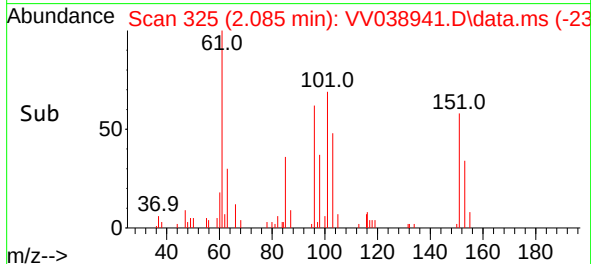
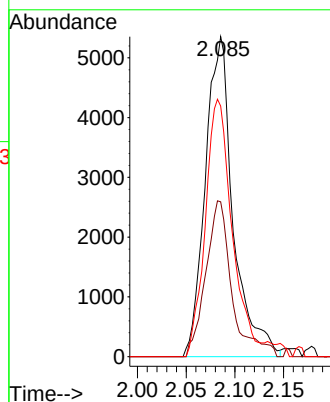
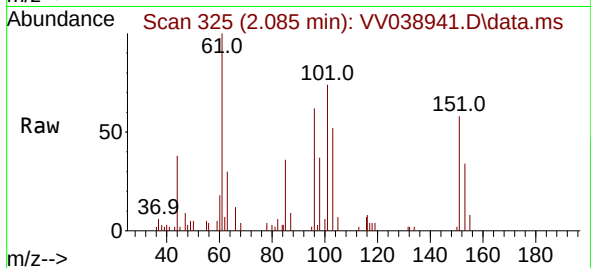




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.230 ug/l
RT: 2.085 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV038941.D
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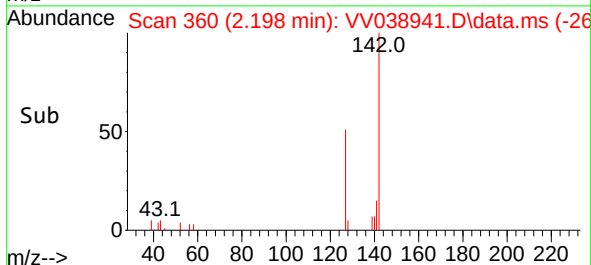
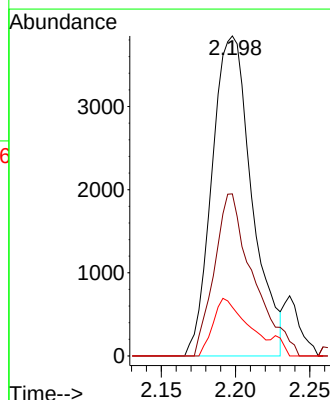
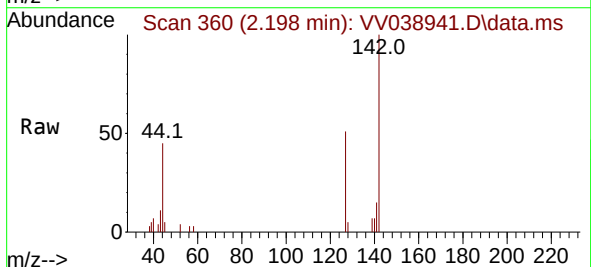
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

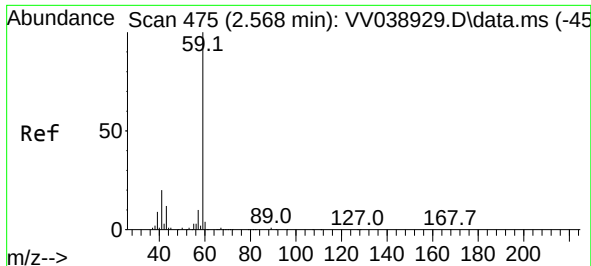
Tgt Ion:101	Resp:	10645
Ion Ratio	Lower	Upper
101	100	
85	45.6	35.1 52.7
151	77.8	60.6 91.0



#10
Methyl Iodide
Concen: 1.582 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion:142	Resp:	7198
Ion Ratio	Lower	Upper
142	100	
127	49.2	38.2 57.2
141	15.2	11.6 17.4

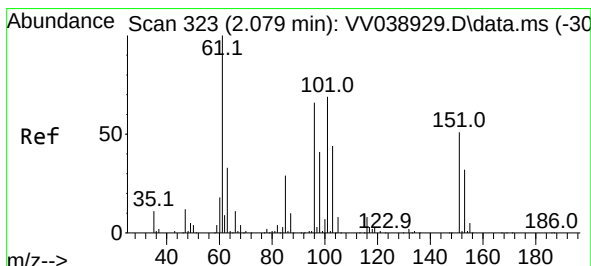
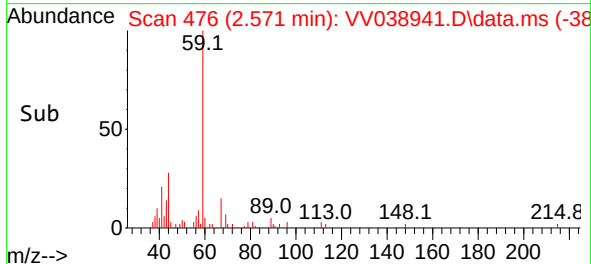
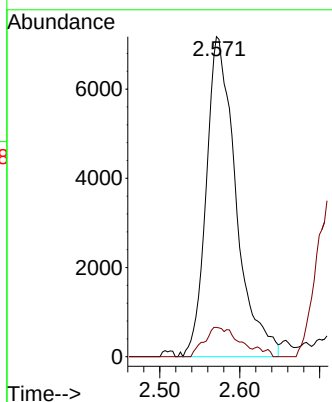
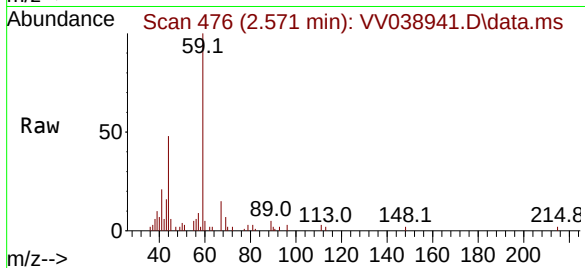




#11
Tert butyl alcohol
Concen: 15.866 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

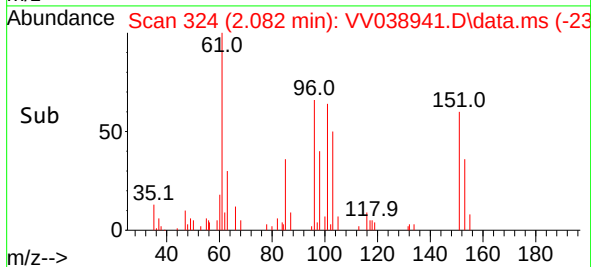
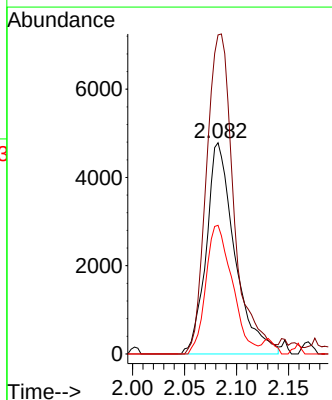
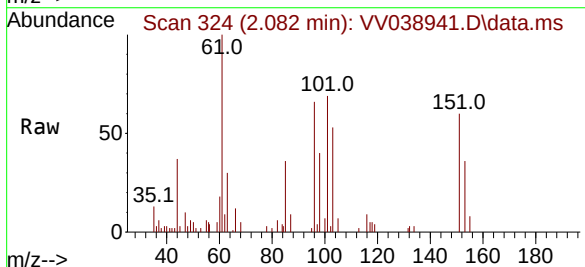
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

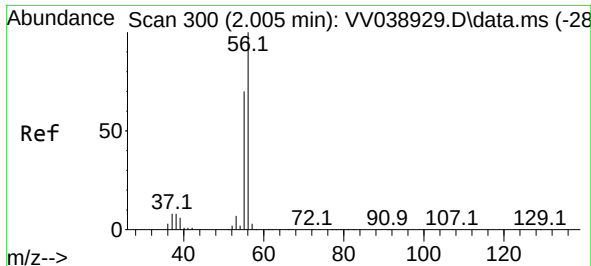
Tgt Ion: 59 Resp: 18464
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 2.300 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 96 Resp: 9101
Ion Ratio Lower Upper
96 100
61 151.1 121.0 181.4
98 60.9 49.4 74.2





#13

Acrolein

Concen: 35.945 ug/l

RT: 2.008 min Scan# 300

Delta R.T. 0.003 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

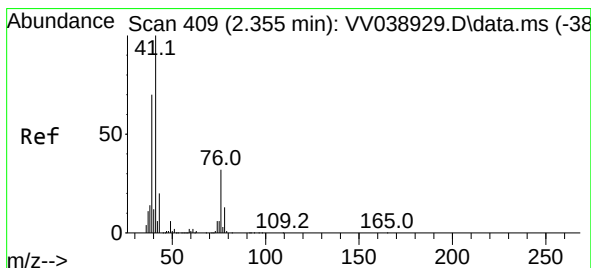
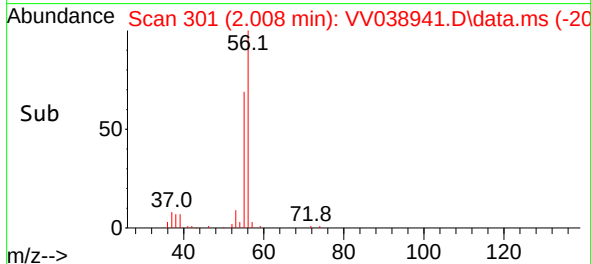
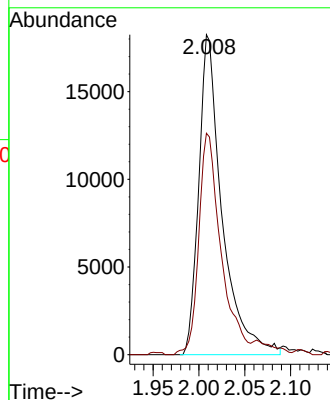
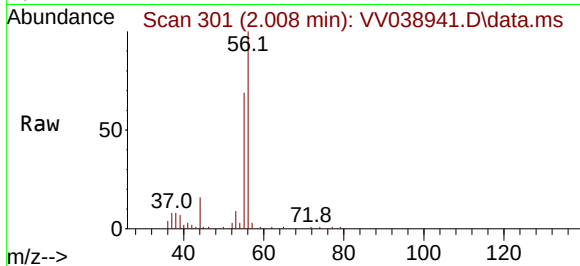
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 56 Resp: 32194

Ion Ratio Lower Upper

56 100

55 65.9 55.1 82.7



#14

Allyl chloride

Concen: 1.657 ug/l

RT: 2.362 min Scan# 411

Delta R.T. 0.006 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

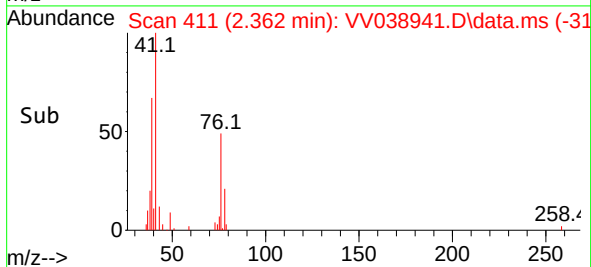
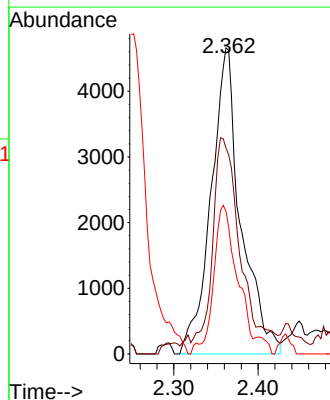
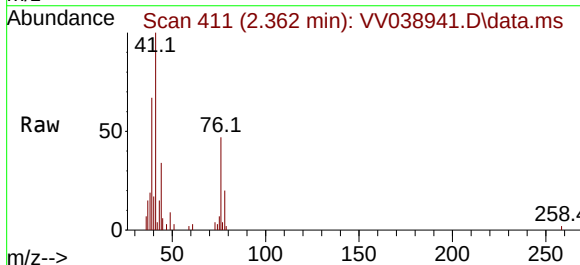
Tgt Ion: 41 Resp: 11463

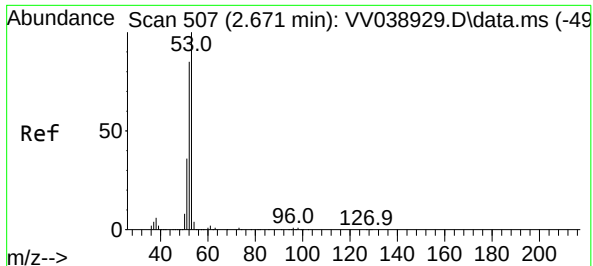
Ion Ratio Lower Upper

41 100

39 60.8 49.9 74.9

76 38.5 29.7 44.5

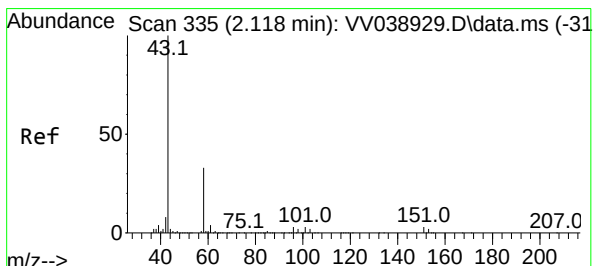
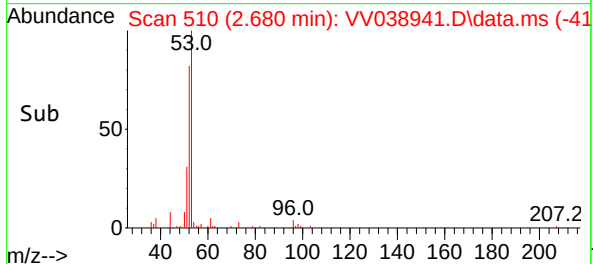
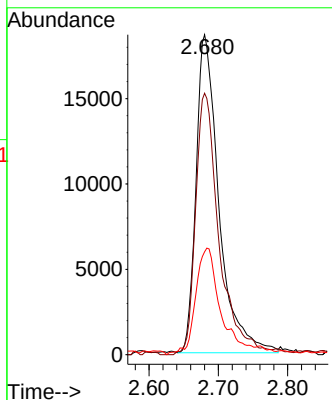
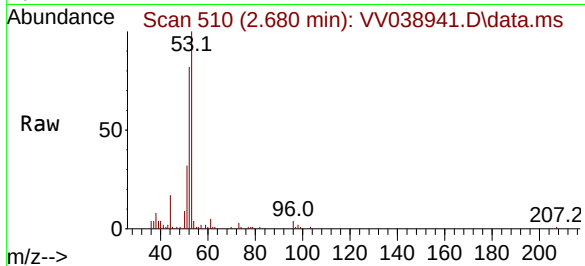




#15
Acrylonitrile
Concen: 13.932 ug/l
RT: 2.680 min Scan# 510
Delta R.T. 0.010 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

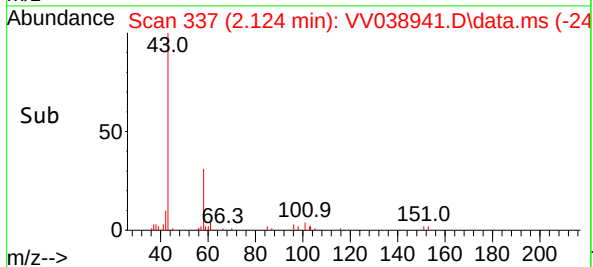
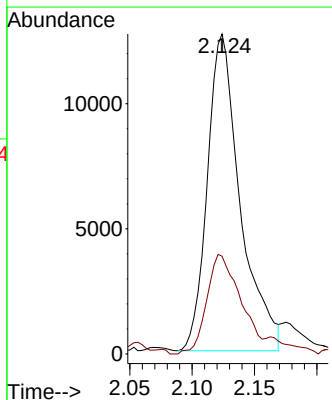
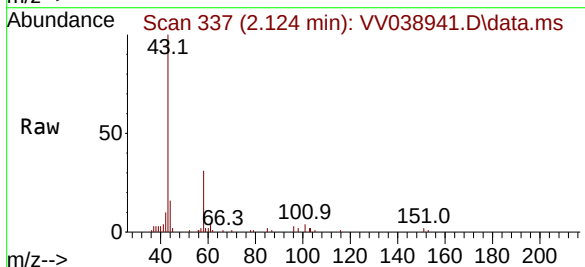
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

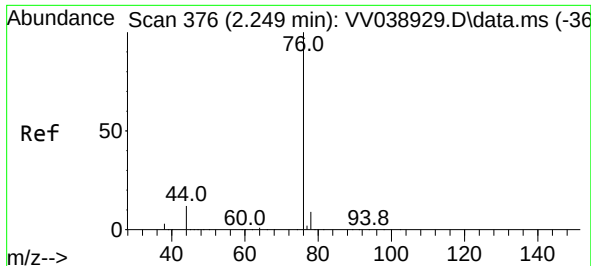
Tgt Ion:	53	Resp:	42805
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.4	99.6
51	36.4	28.6	43.0



#16
Acetone
Concen: 9.418 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion:	43	Resp:	23262
Ion	Ratio	Lower	Upper
43	100		
58	30.9	26.8	40.2

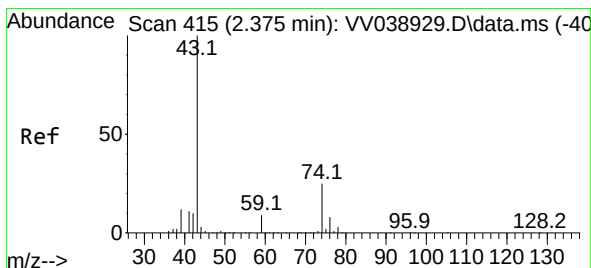
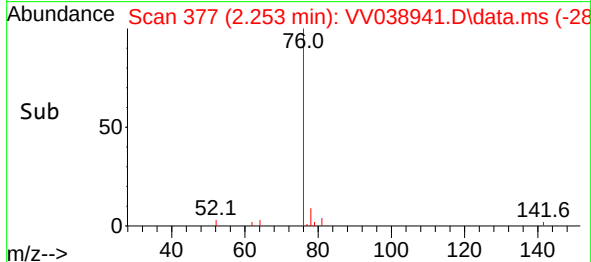
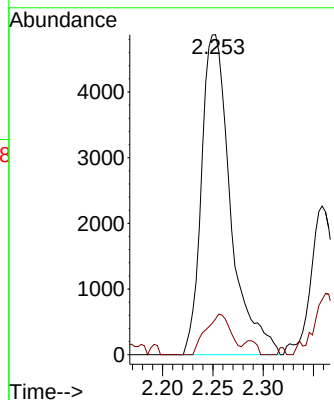
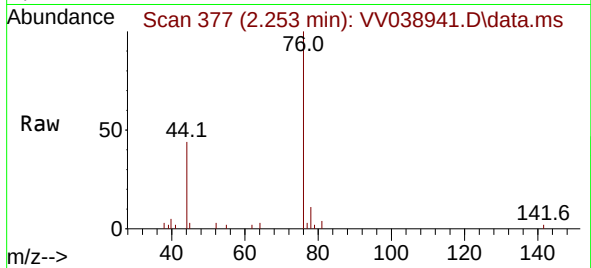




#17
Carbon Disulfide
Concen: 1.533 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

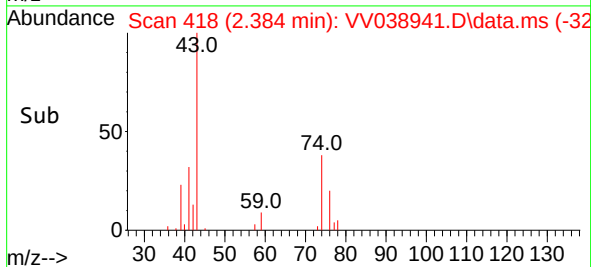
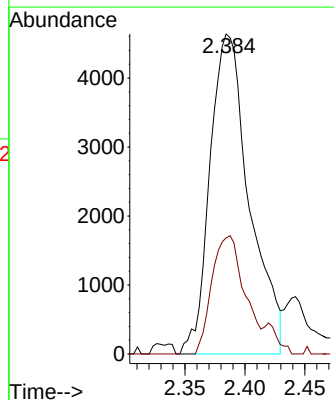
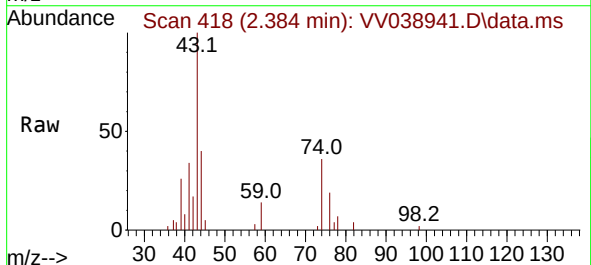
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

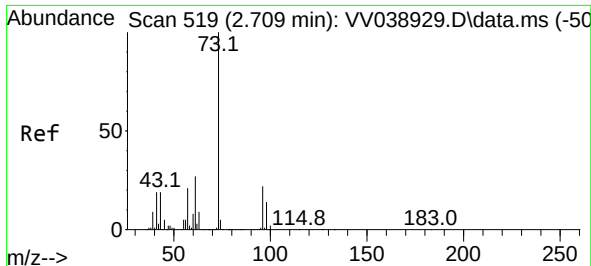
Tgt Ion: 76 Resp: 9798
Ion Ratio Lower Upper
76 100
78 11.2 7.4 11.2#



#18
Methyl Acetate
Concen: 1.199 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.009 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 43 Resp: 10621
Ion Ratio Lower Upper
43 100
74 30.5 20.6 30.8

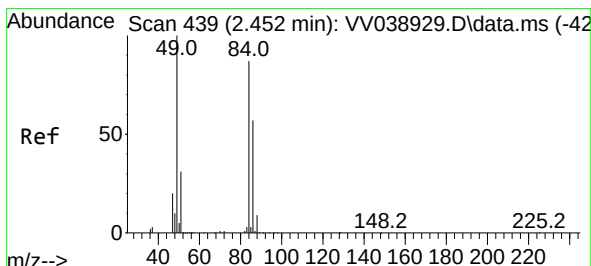
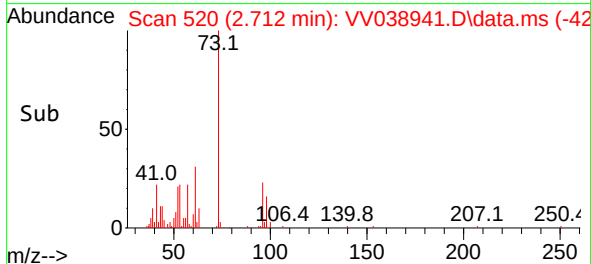
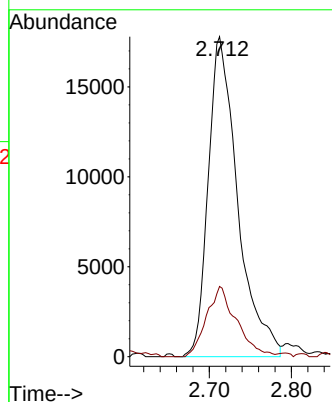
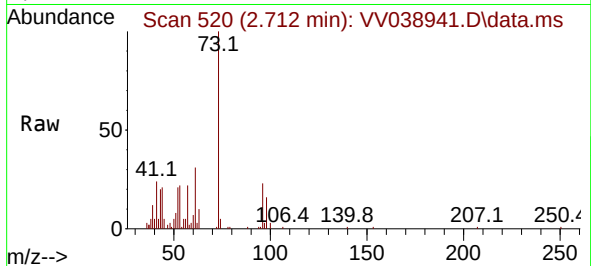




#19
Methyl tert-butyl Ether
Concen: 2.728 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

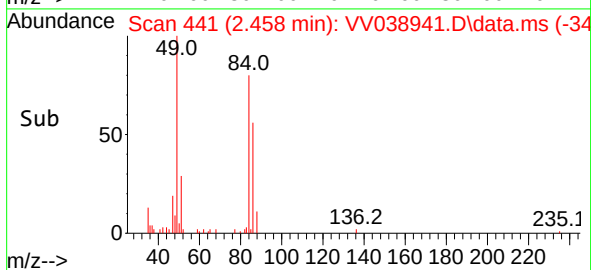
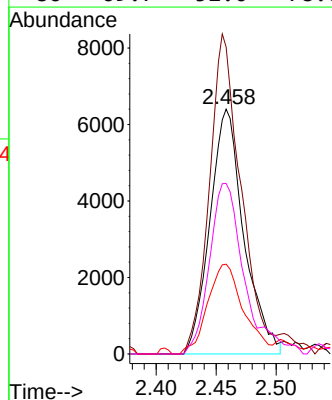
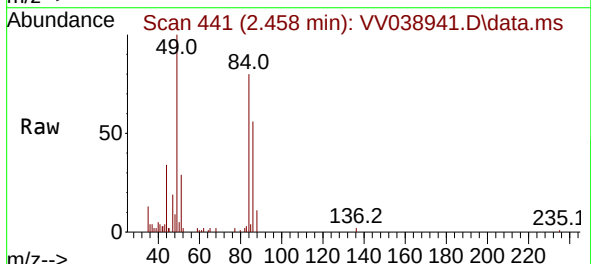
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

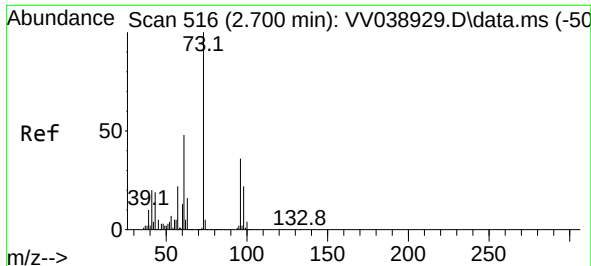
Tgt Ion: 73 Resp: 44411
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6



#20
Methylene Chloride
Concen: 2.215 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.006 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 84 Resp: 12589
Ion Ratio Lower Upper
84 100
49 125.4 91.7 137.5
51 36.7 28.3 42.5
86 69.7 52.0 78.0

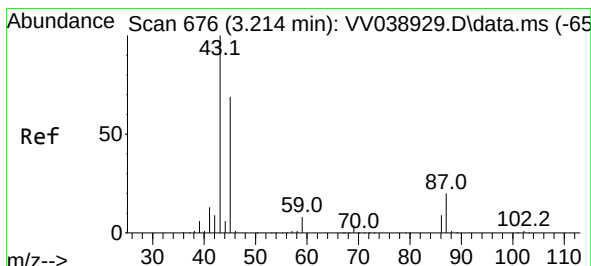
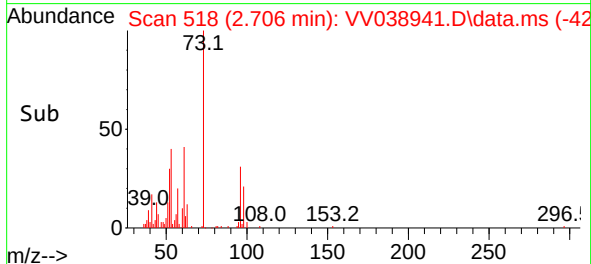
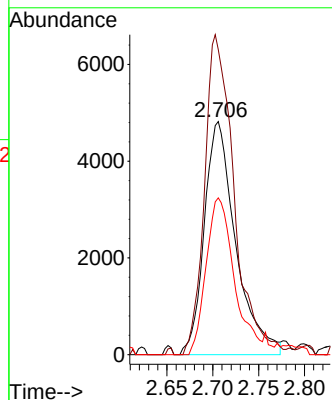
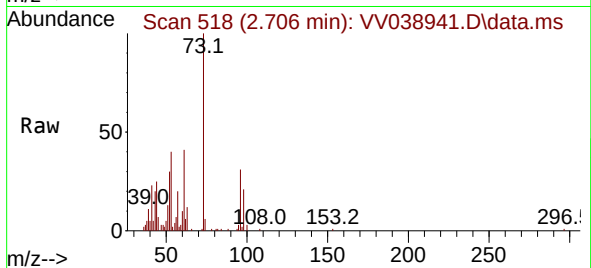




#21
trans-1,2-Dichloroethene
Concen: 2.673 ug/l
RT: 2.706 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

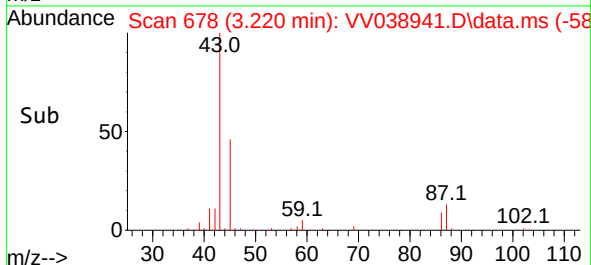
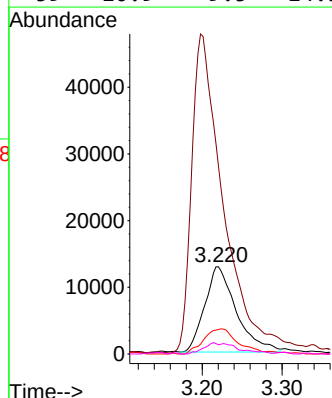
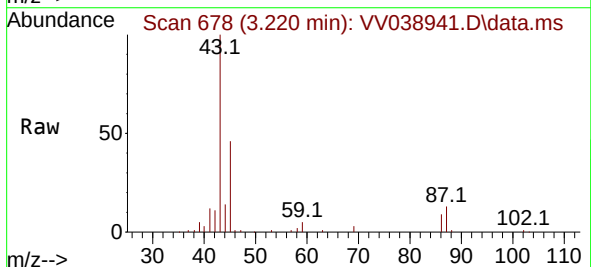
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

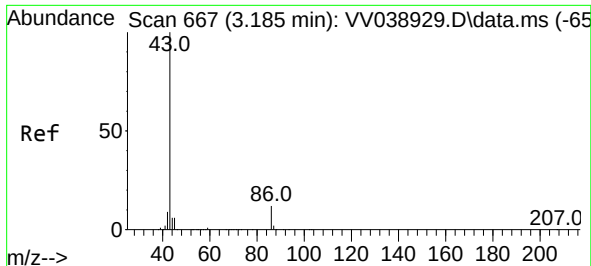
Tgt Ion: 96 Resp: 11497
Ion Ratio Lower Upper
96 100
61 130.9 106.2 159.4
98 67.2 49.8 74.8



#22
Diisopropyl ether
Concen: 2.517 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.006 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 45 Resp: 35217
Ion Ratio Lower Upper
45 100
43 207.8 115.3 172.9#
87 28.8 23.8 35.6
59 10.9 9.5 14.3

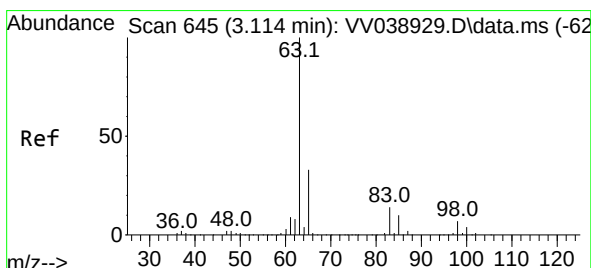
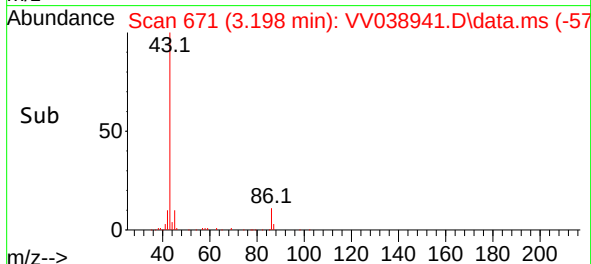
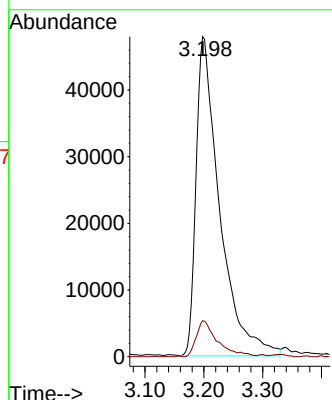
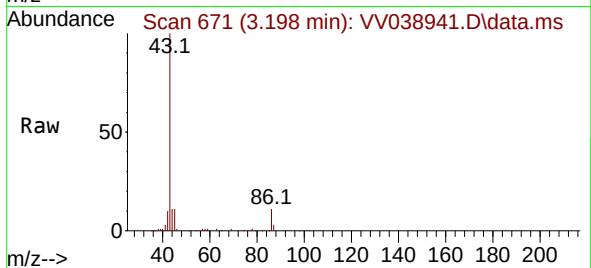




#23
 Vinyl Acetate
 Concen: 12.819 ug/l
 RT: 3.198 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VV038941.D
 Acq: 11 Aug 2025 14:30

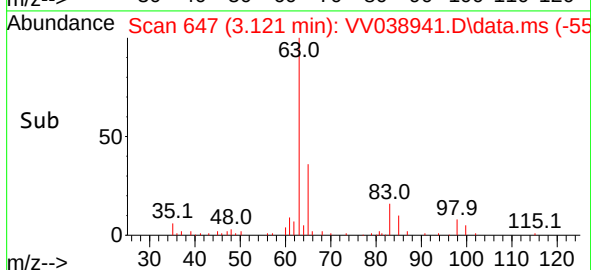
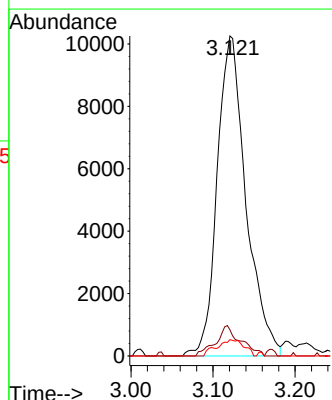
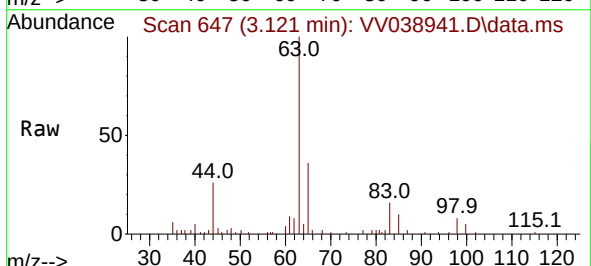
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

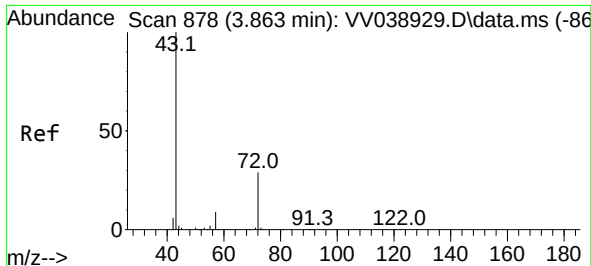
Tgt Ion: 43 Resp: 133251
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 2.792 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.006 min
 Lab File: VV038941.D
 Acq: 11 Aug 2025 14:30

Tgt Ion: 63 Resp: 25057
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.4
 100 5.1 2.2 6.6

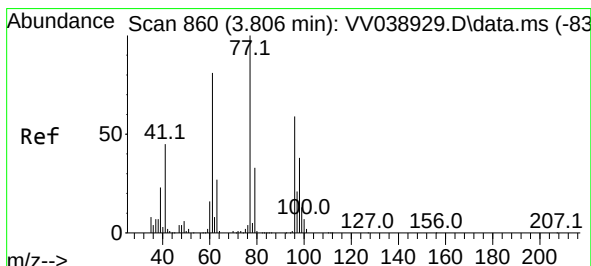
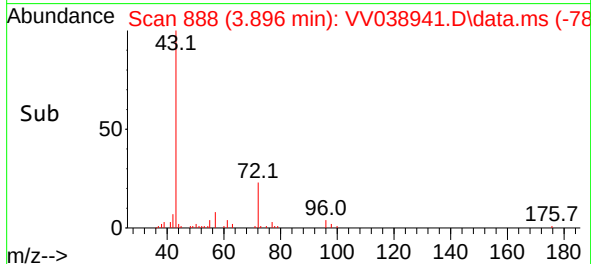
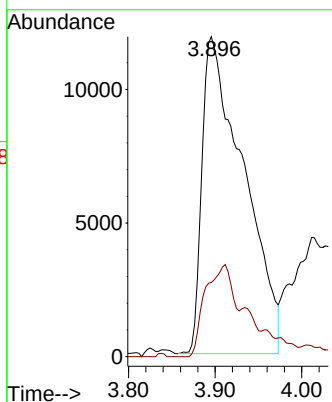
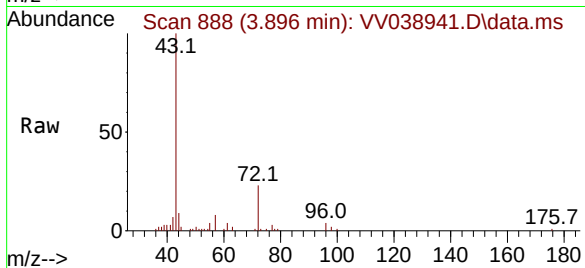




#25
2-Butanone
Concen: 12.578 ug/l
RT: 3.896 min Scan# 888
Delta R.T. 0.032 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

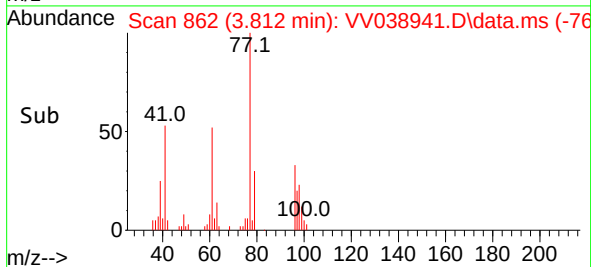
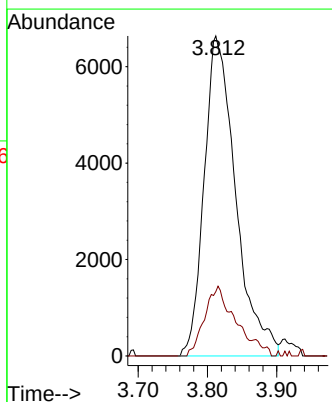
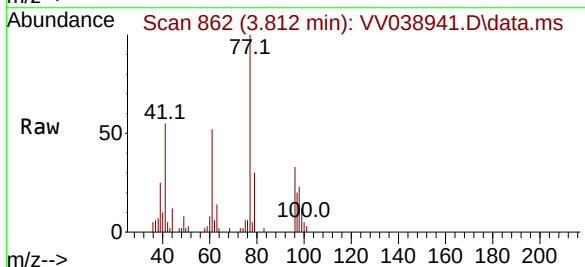
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

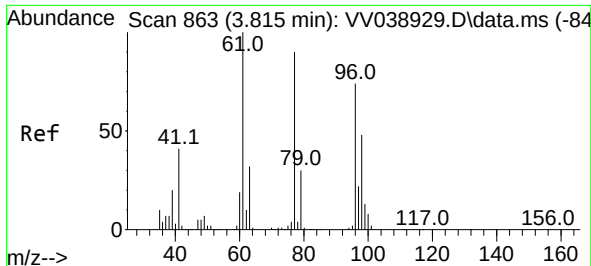
Tgt Ion: 43 Resp: 39417
Ion Ratio Lower Upper
43 100
72 23.5 23.5 35.3#



#26
2,2-Dichloropropane
Concen: 2.636 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 77 Resp: 20965
Ion Ratio Lower Upper
77 100
97 20.1 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 2.482 ug/l

RT: 3.822 min Scan# 865

Delta R.T. 0.006 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

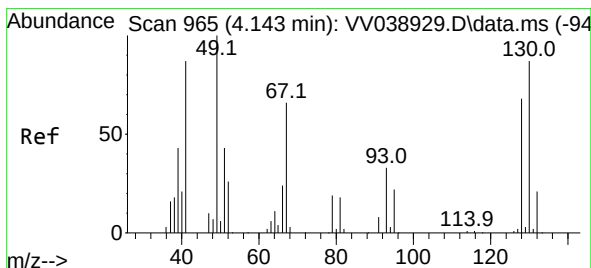
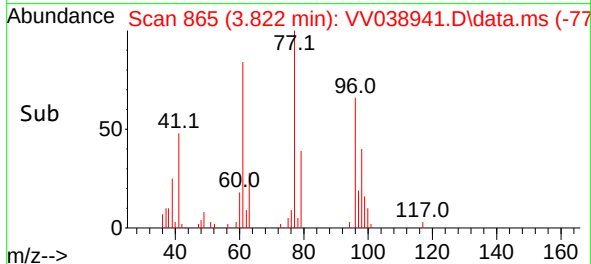
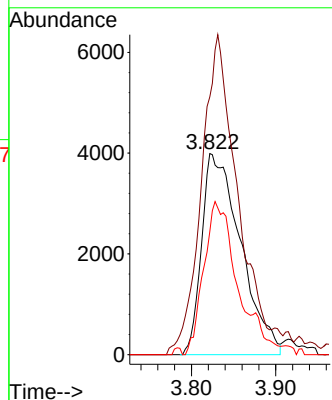
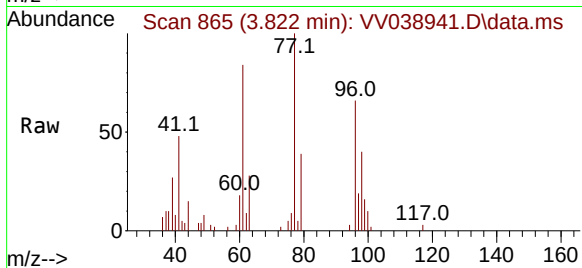
Tgt Ion: 96 Resp: 12798

Ion Ratio Lower Upper

96 100

61 145.8 0.0 270.4

98 66.5 0.0 128.0



#28

Bromochloromethane

Concen: 3.333 ug/l

RT: 4.153 min Scan# 968

Delta R.T. 0.010 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

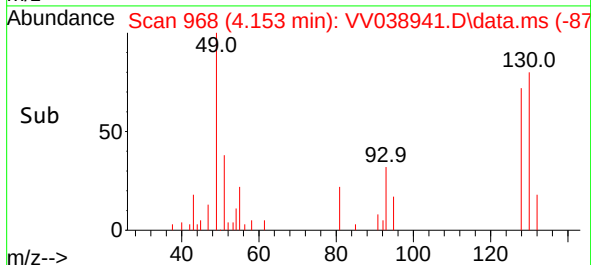
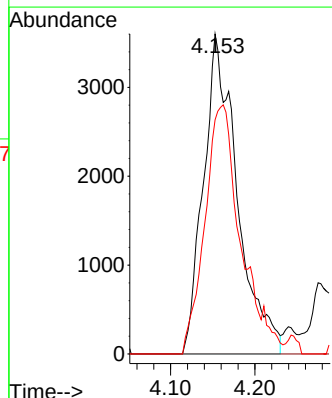
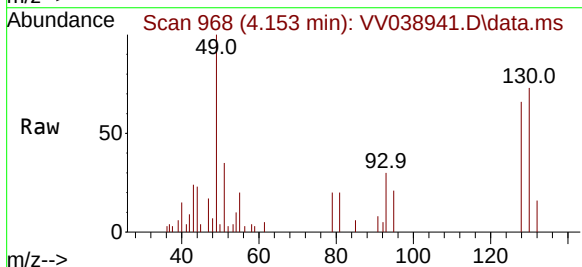
Tgt Ion: 49 Resp: 10047

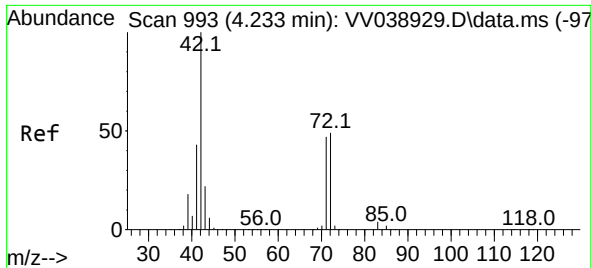
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

130 82.1 70.9 106.3

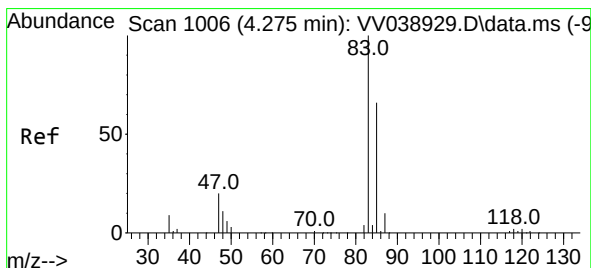
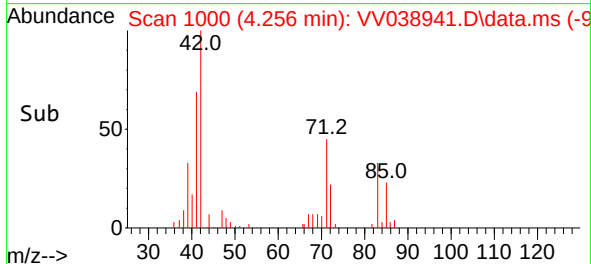
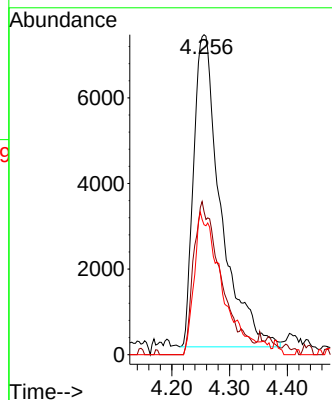
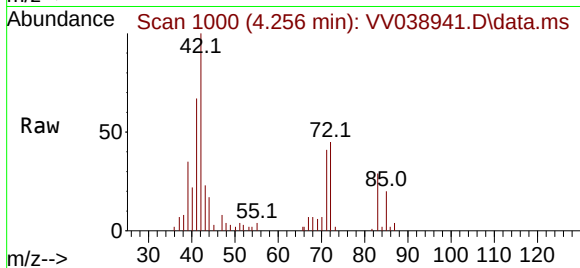




#29
Tetrahydrofuran
Concen: 11.583 ug/l
RT: 4.256 min Scan# 1000
Delta R.T. 0.022 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

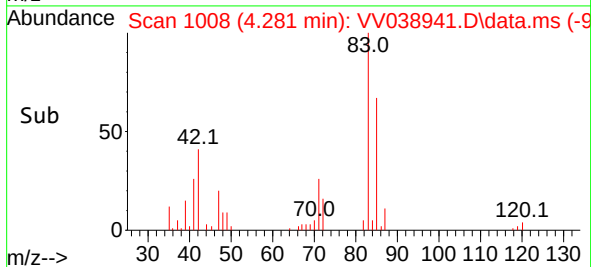
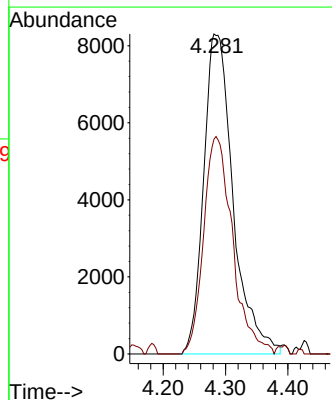
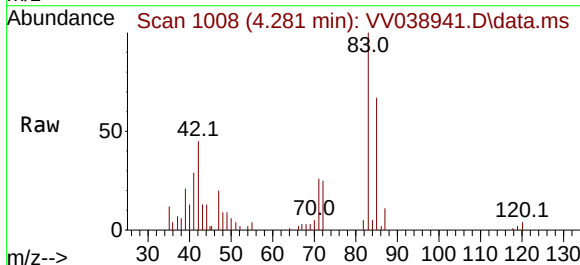
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

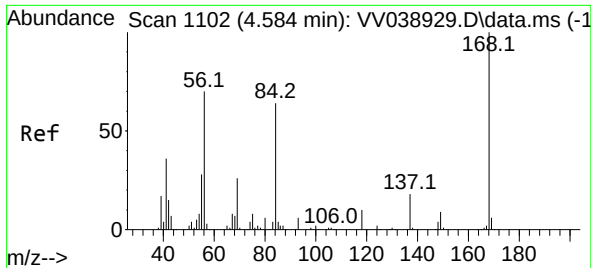
Tgt Ion:	42	Resp:	23766
Ion Ratio	Lower	Upper	
42	100		
72	46.9	39.9	59.9
71	46.6	37.4	56.0



#30
Chloroform
Concen: 2.797 ug/l
RT: 4.281 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion:	83	Resp:	27314
Ion Ratio	Lower	Upper	
83	100		
85	67.1	53.0	79.6

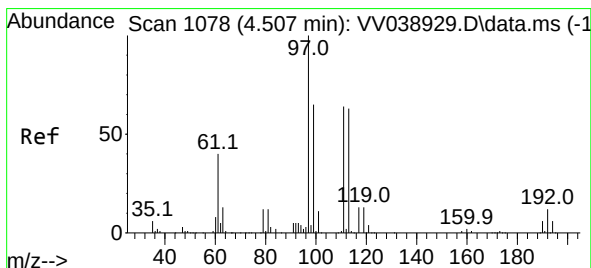
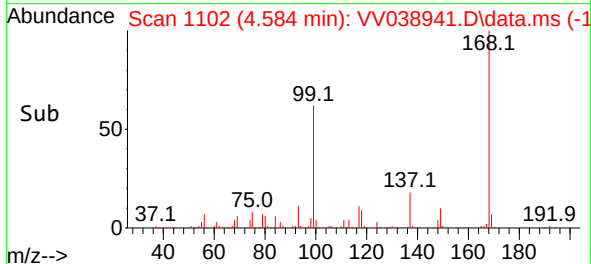
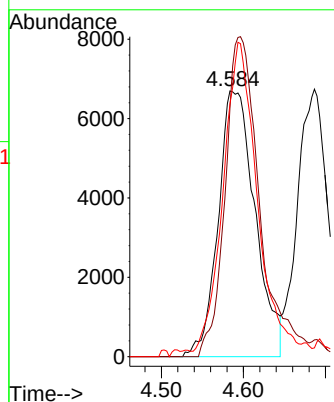
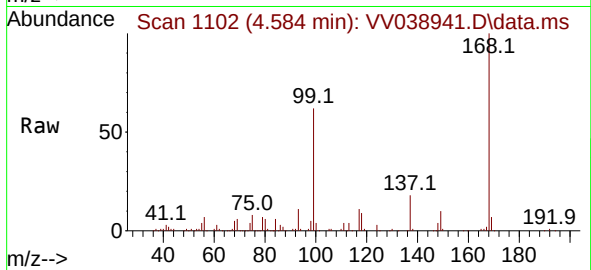




#31
Cyclohexane
Concen: 3.786 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

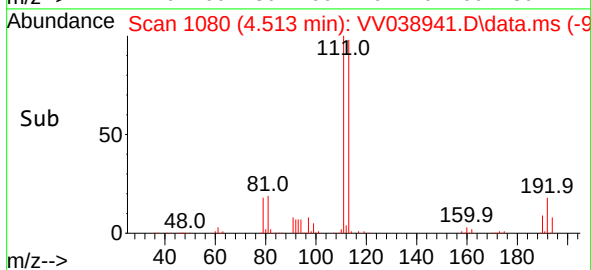
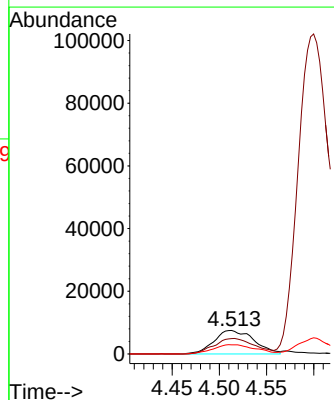
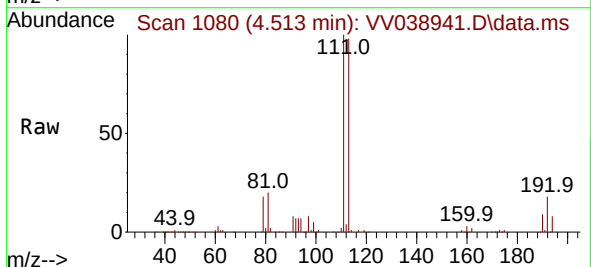
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

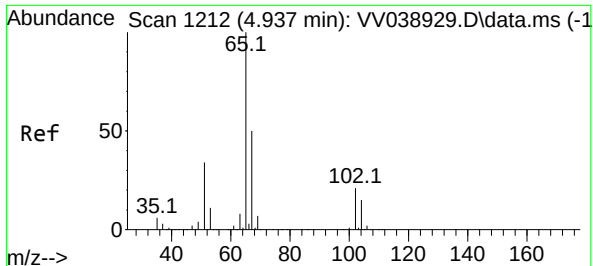
Tgt Ion: 56 Resp: 20928
Ion Ratio Lower Upper
56 100
69 93.7 30.2 45.2#
84 93.1 73.6 110.4



#32
1,1,1-Trichloroethane
Concen: 2.639 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 97 Resp: 22161
Ion Ratio Lower Upper
97 100
99 65.9 49.8 74.6
61 40.8 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 52.923 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

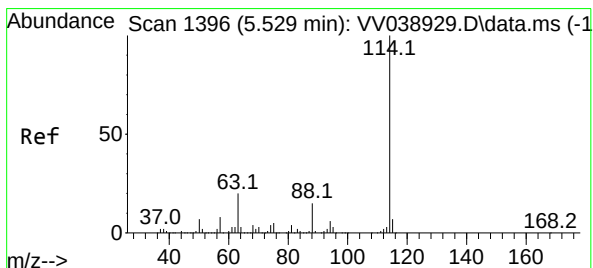
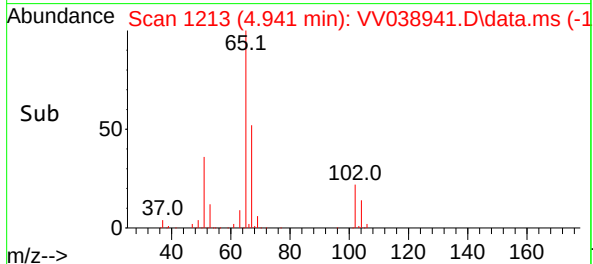
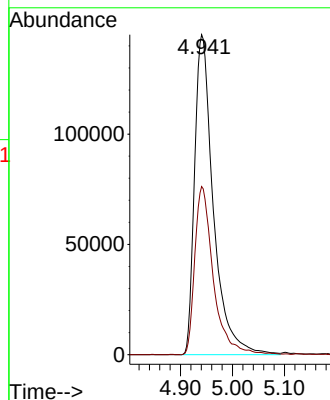
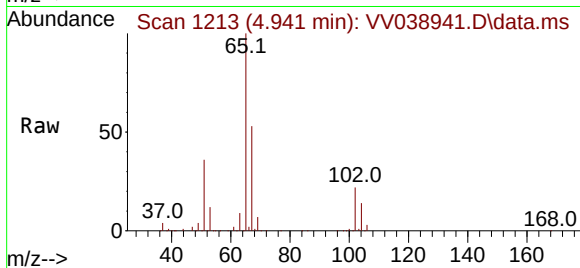
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 65 Resp: 364153

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

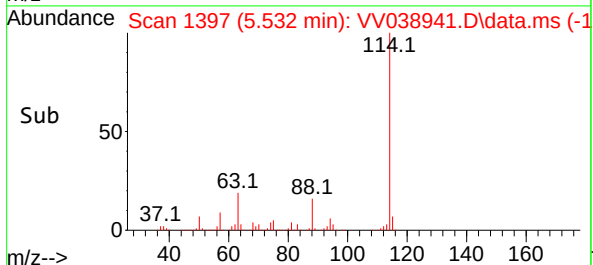
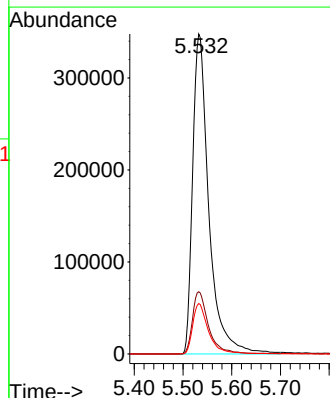
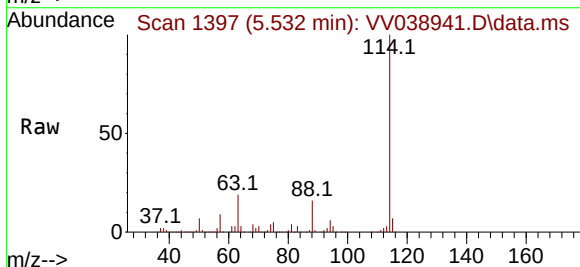
Tgt Ion: 114 Resp: 804470

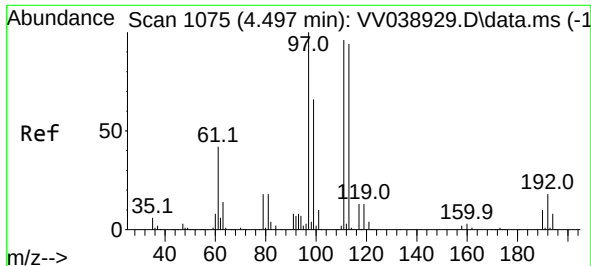
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.7 0.0 30.0

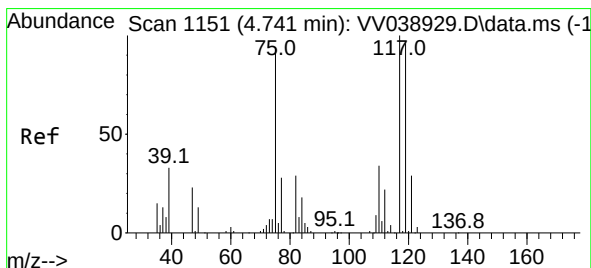
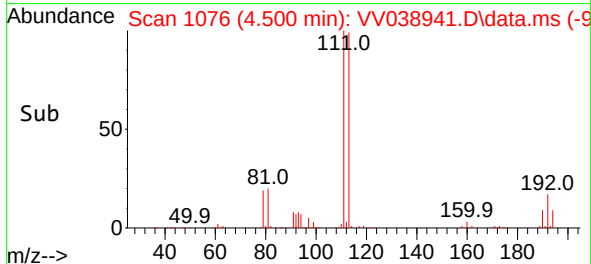
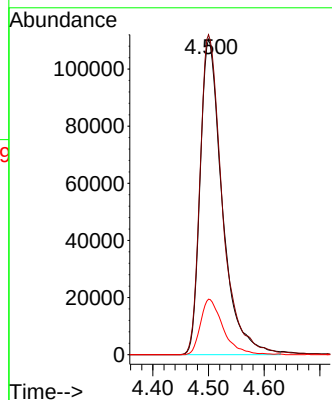
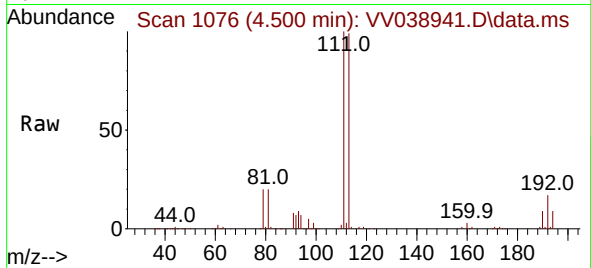




#35
Dibromofluoromethane
Concen: 49.905 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

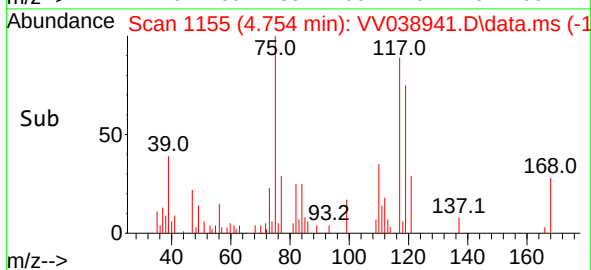
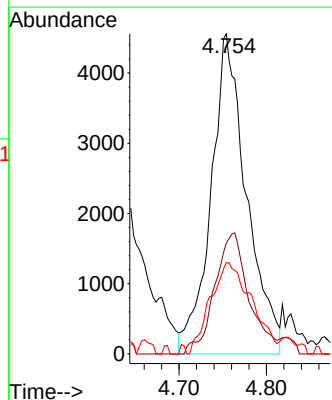
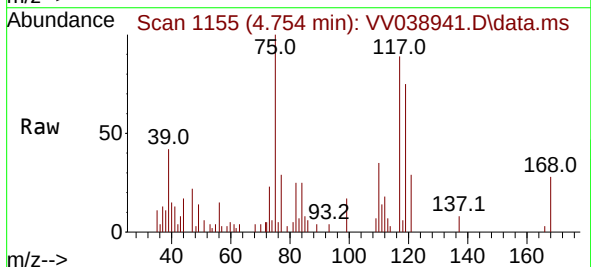
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

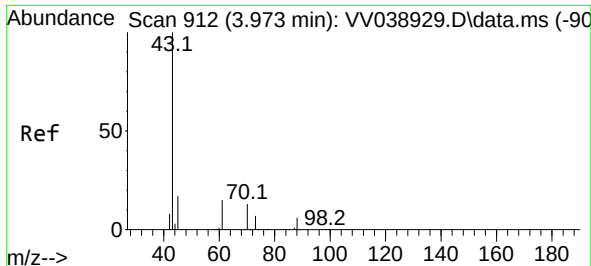
Tgt Ion:113 Resp: 304573
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 2.372 ug/l m
RT: 4.754 min Scan# 1155
Delta R.T. 0.013 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 75 Resp: 12872
Ion Ratio Lower Upper
75 100
110 36.4 19.5 58.5
77 33.3 25.0 37.6





#37

Ethyl Acetate

Concen: 2.904 ug/l m

RT: 4.011 min Scan# 91

Delta R.T. 0.039 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

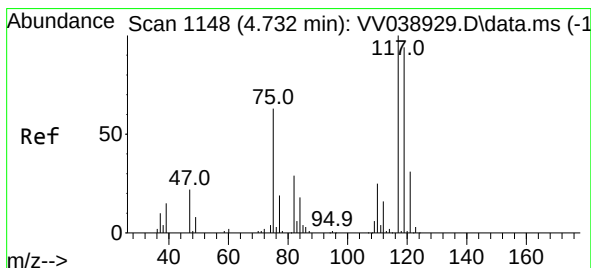
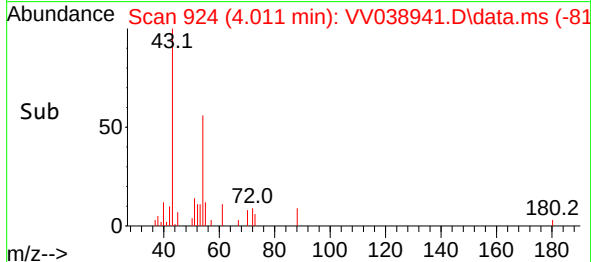
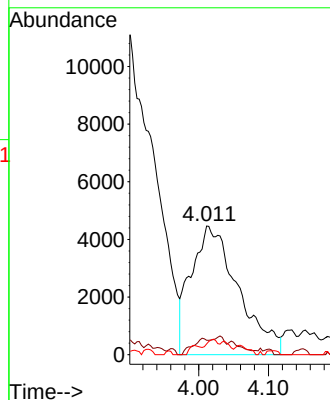
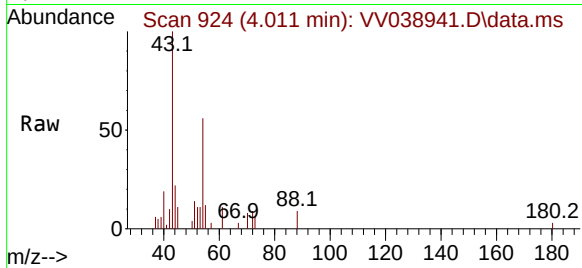
Tgt Ion: 43 Resp: 20879

Ion Ratio Lower Upper

43 100

61 4.3 12.0 18.0#

70 1.3 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 2.424 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. 0.006 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

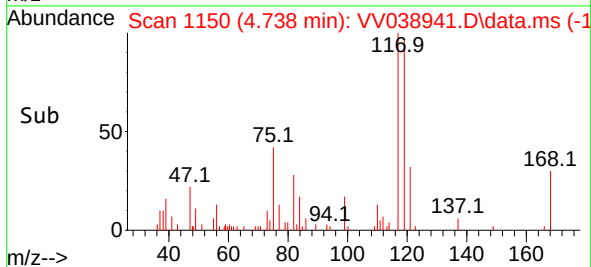
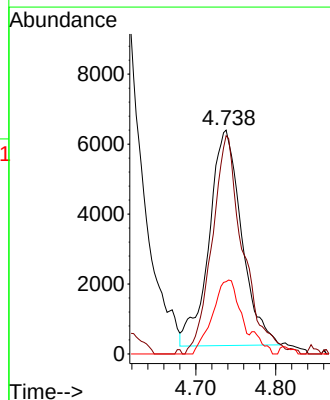
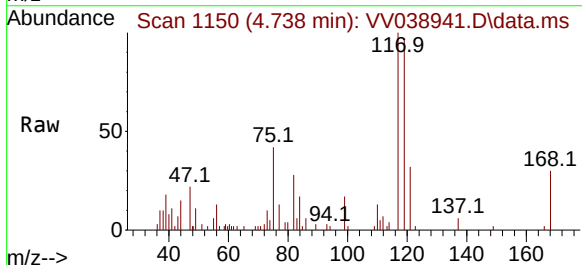
Tgt Ion:117 Resp: 17370

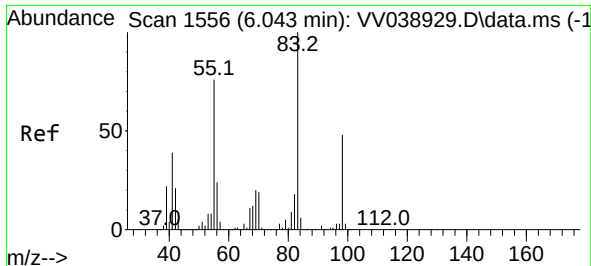
Ion Ratio Lower Upper

117 100

119 99.6 74.9 112.3

121 33.7 24.6 36.8

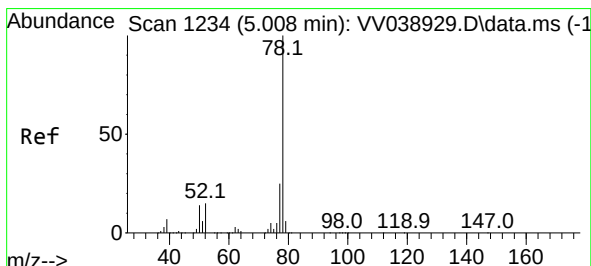
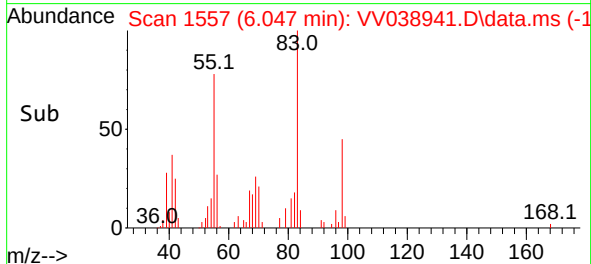
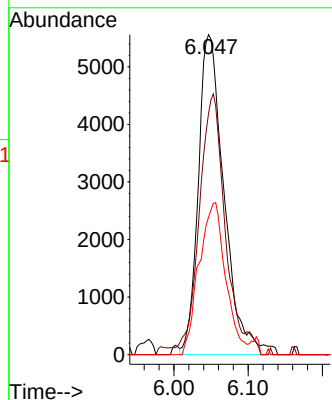
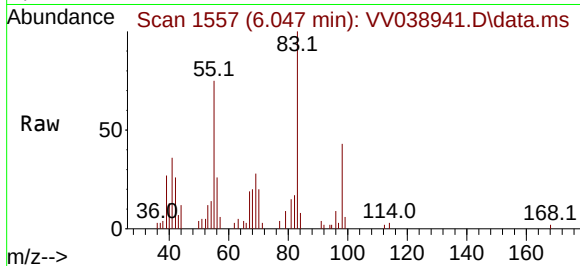




#39
Methylcyclohexane
Concen: 2.283 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

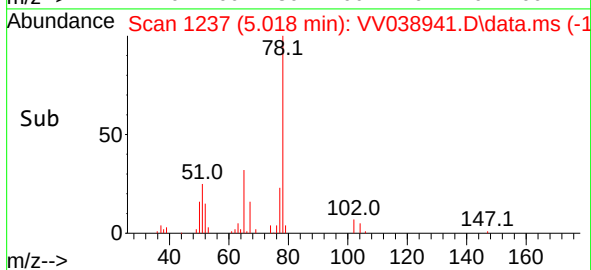
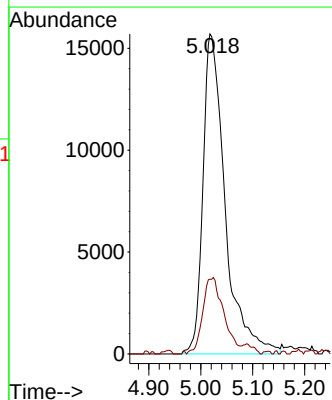
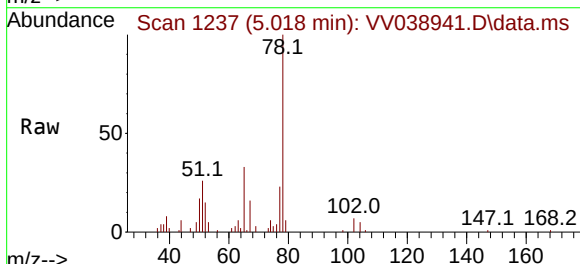
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

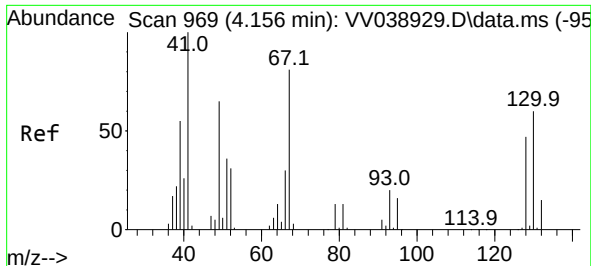
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.3	60.8	91.2
98	42.9	38.6	57.8



#40
Benzene
Concen: 2.595 ug/l
RT: 5.018 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.6	29.4

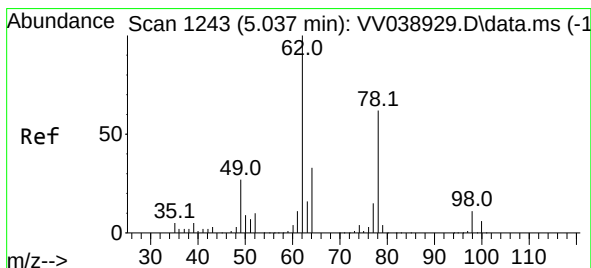
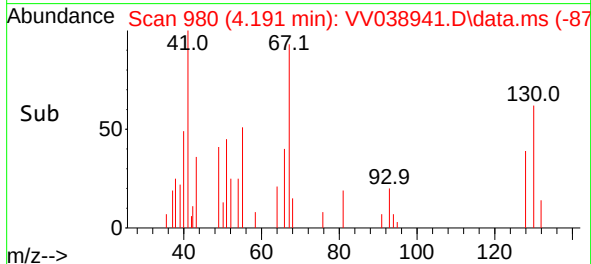
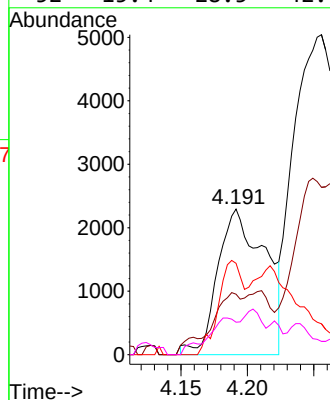
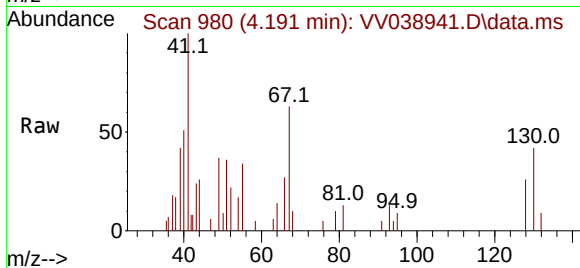




#41
Methacrylonitrile
Concen: 1.951 ug/l m
RT: 4.191 min Scan# 91
Delta R.T. 0.035 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

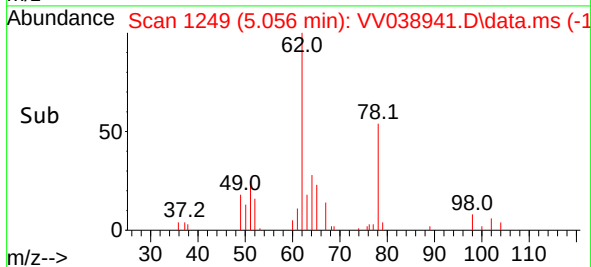
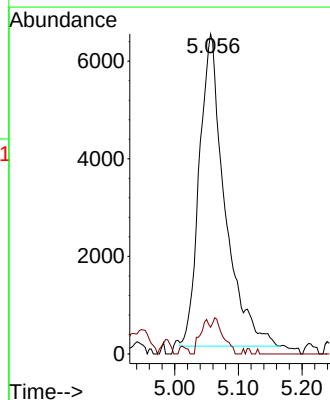
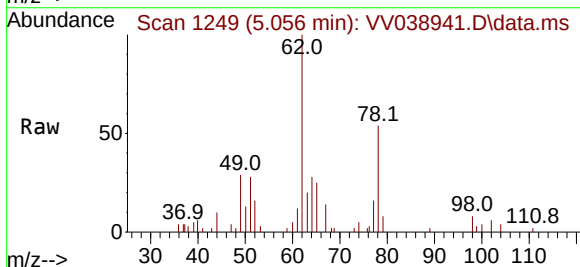
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

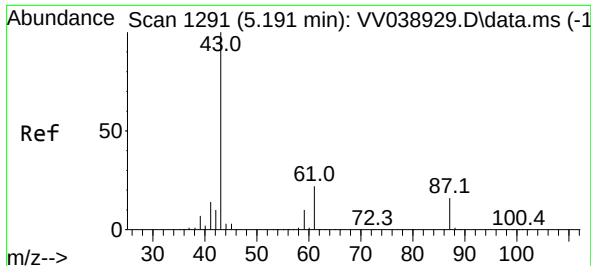
Tgt Ion:	41	Resp:	5672
Ion	Ratio	Lower	Upper
41	100		
39	14.6	41.8	62.6#
67	33.1	72.6	109.0#
52	15.4	28.5	42.7#



#42
1,2-Dichloroethane
Concen: 2.557 ug/l
RT: 5.056 min Scan# 1249
Delta R.T. 0.019 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion:	62	Resp:	17790
Ion	Ratio	Lower	Upper
62	100		
98	4.9	0.0	19.6

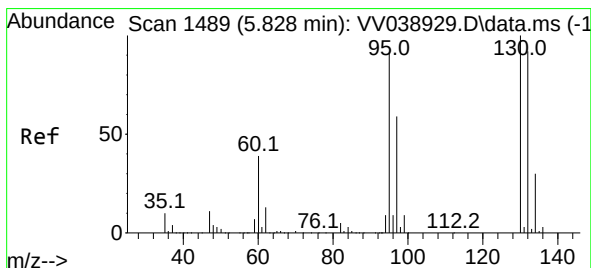
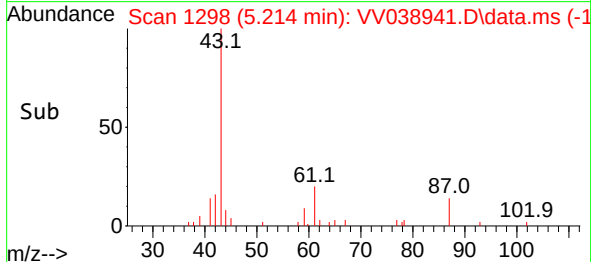
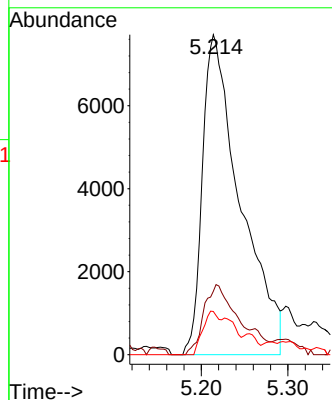
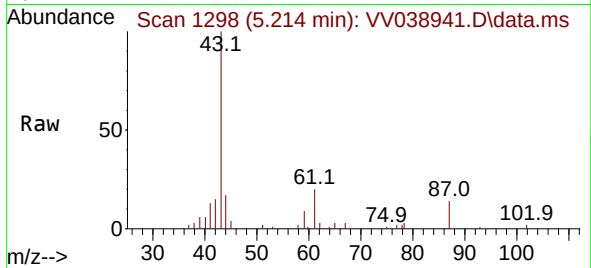




#43
Isopropyl Acetate
Concen: 2.342 ug/l
RT: 5.214 min Scan# 1298
Delta R.T. 0.023 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

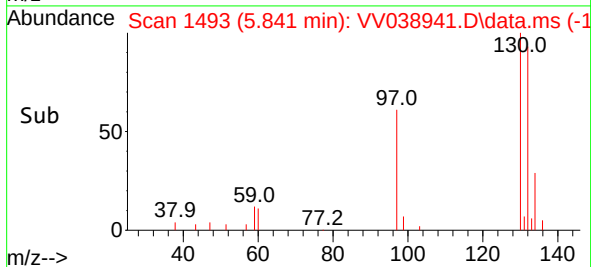
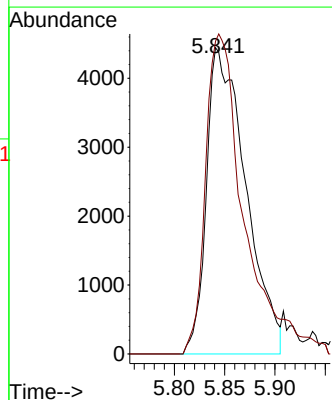
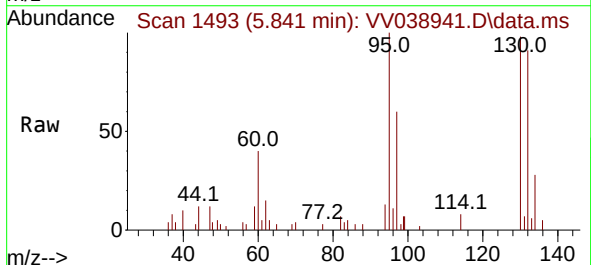
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

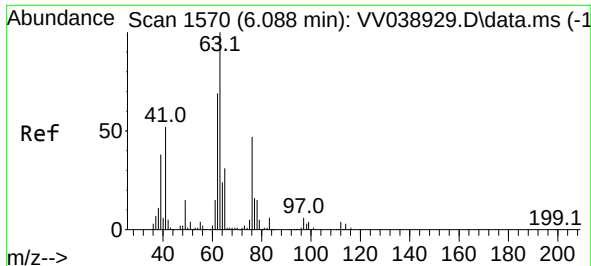
Tgt Ion: 43	Resp: 23387
Ion Ratio	Lower Upper
43	100
61	18.1 17.0 25.6
87	6.3 12.2 18.4



#44
Trichloroethene
Concen: 2.522 ug/l
RT: 5.841 min Scan# 1493
Delta R.T. 0.013 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 130	Resp: 12059
Ion Ratio	Lower Upper
130	100
95	102.1 0.0 181.2





#45

1,2-Dichloropropane

Concen: 2.185 ug/l

RT: 6.101 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

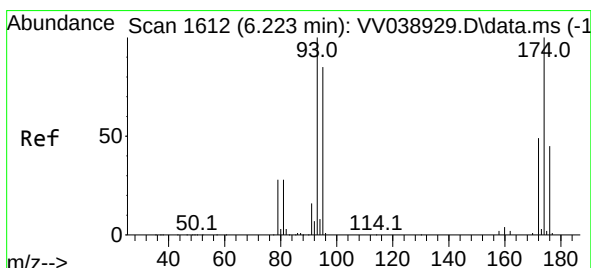
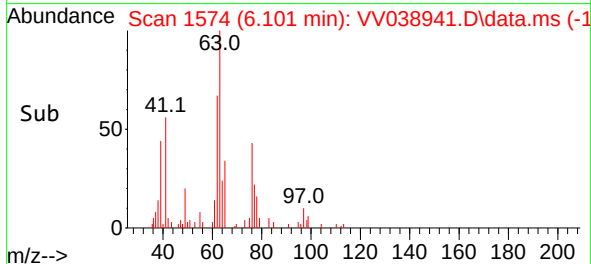
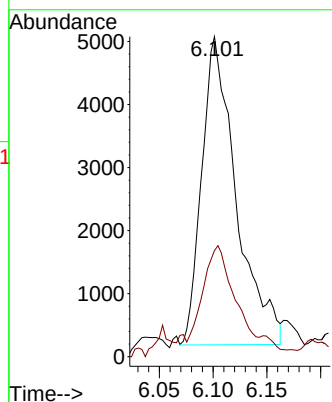
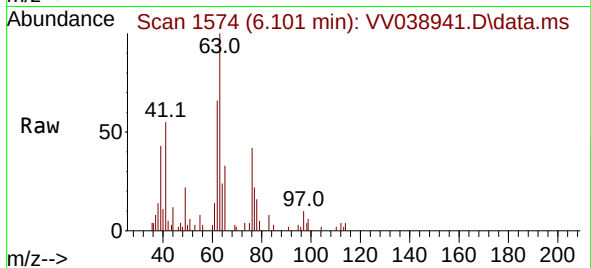
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 63 Resp: 10926

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.6



#46

Dibromomethane

Concen: 2.560 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.019 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

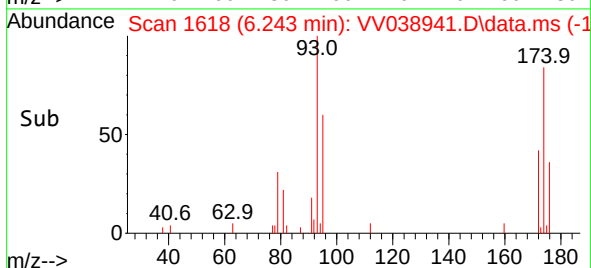
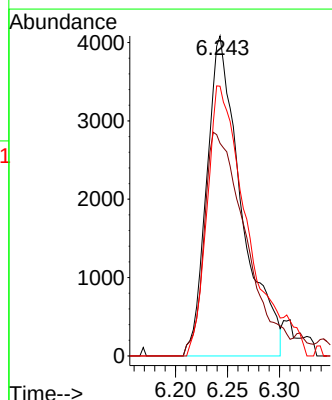
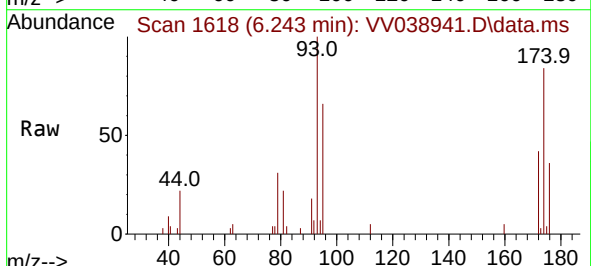
Tgt Ion: 93 Resp: 9476

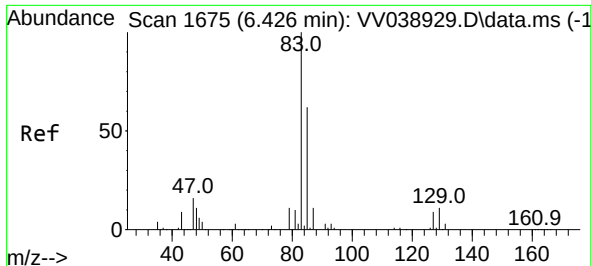
Ion Ratio Lower Upper

93 100

95 83.5 67.8 101.6

174 98.7 77.4 116.0

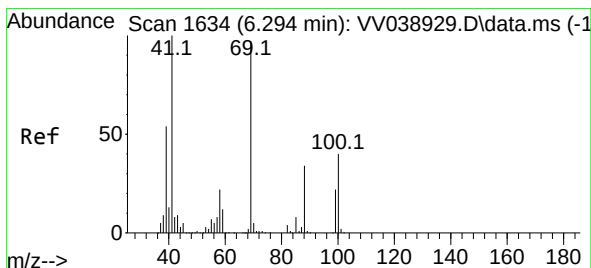
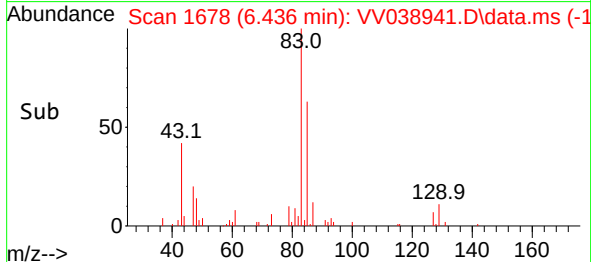
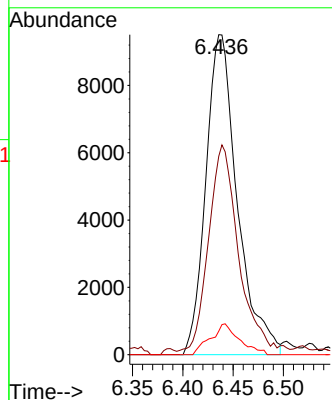
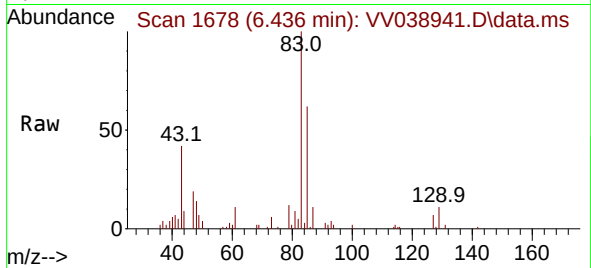




#47
Bromodichloromethane
Concen: 2.517 ug/l
RT: 6.436 min Scan# 1675
Delta R.T. 0.010 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

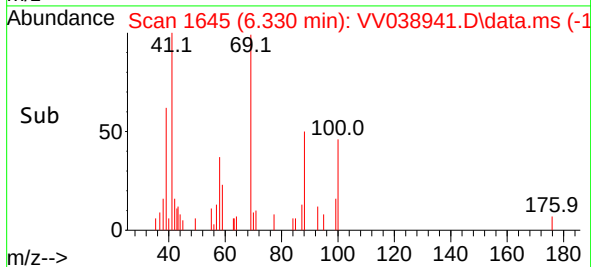
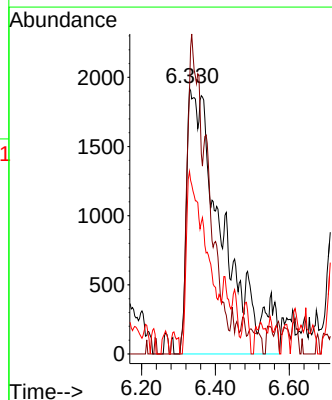
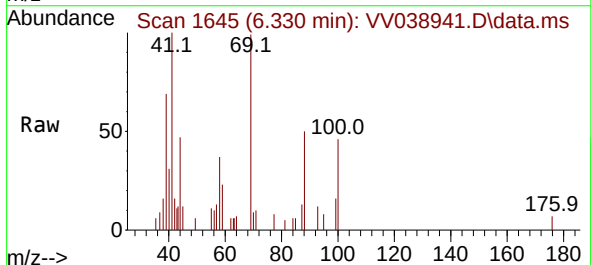
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

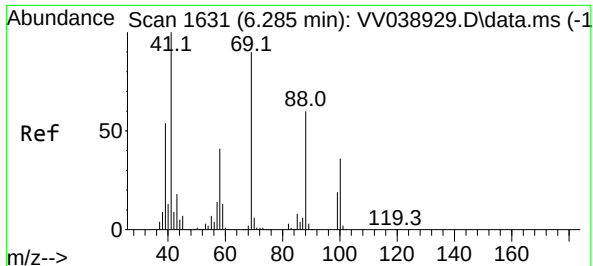
Tgt Ion: 83	Resp:	20701
Ion	Ratio	Lower Upper
83	100	
85	60.6	49.8 74.6
127	7.3	7.1 10.7



#48
Methyl methacrylate
Concen: 2.935 ug/l m
RT: 6.330 min Scan# 1645
Delta R.T. 0.035 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 41	Resp:	12980
Ion	Ratio	Lower Upper
41	100	
69	42.1	78.4 117.6#
39	21.9	43.3 64.9#





#49

1,4-Dioxane

Concen: 40.671 ug/l

RT: 6.313 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

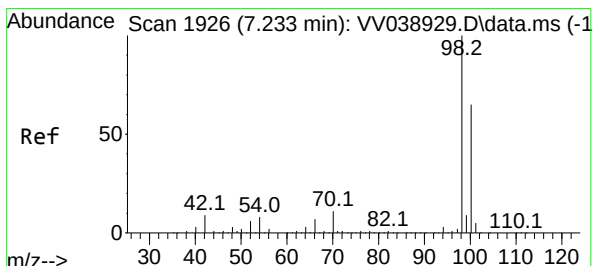
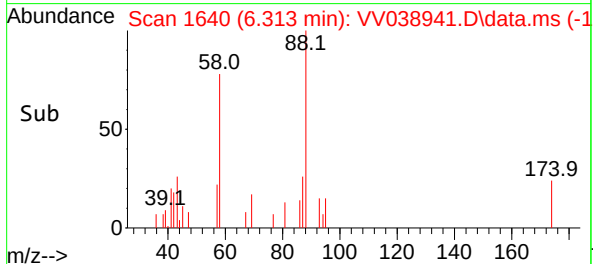
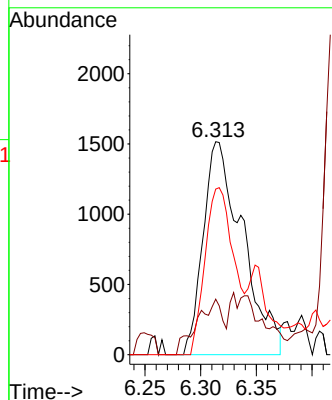
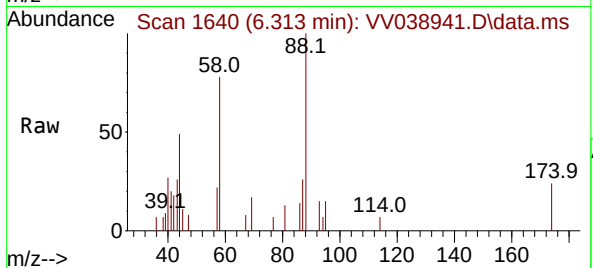
Tgt Ion: 88 Resp: 3749

Ion Ratio Lower Upper

88 100

43 17.2 24.2 36.2#

58 57.2 55.4 83.2



#50

Toluene-d8

Concen: 47.703 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV038941.D

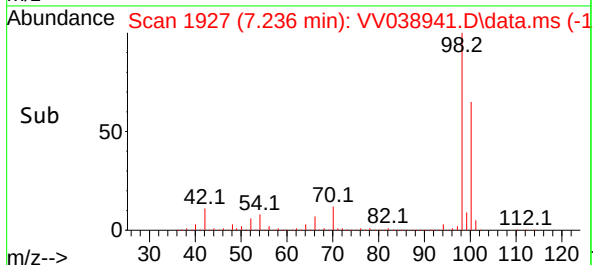
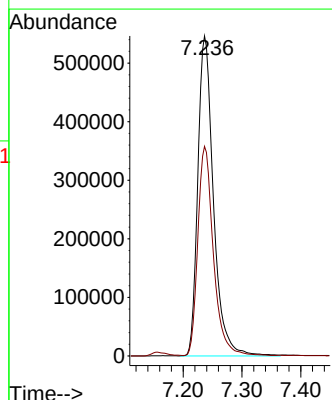
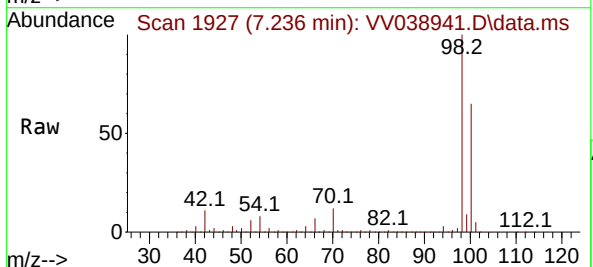
Acq: 11 Aug 2025 14:30

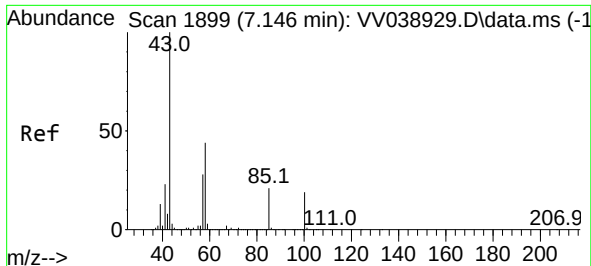
Tgt Ion: 98 Resp: 1008293

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

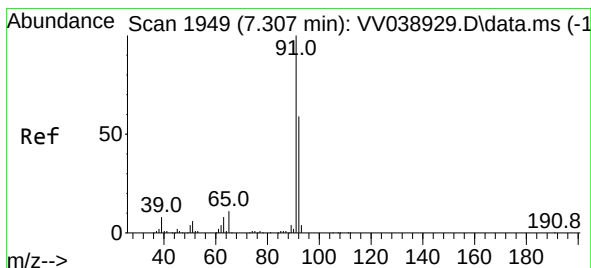
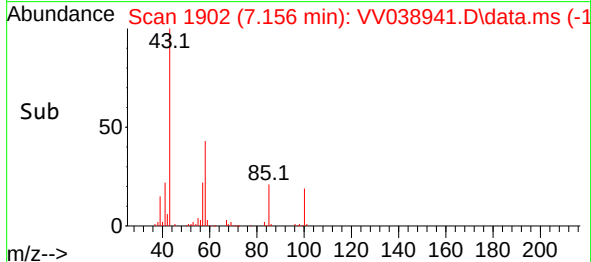
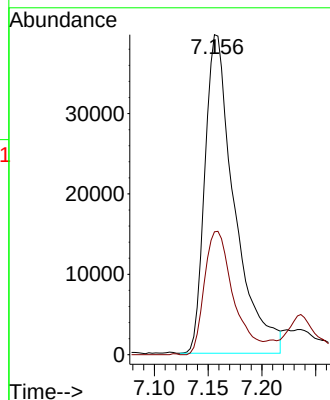
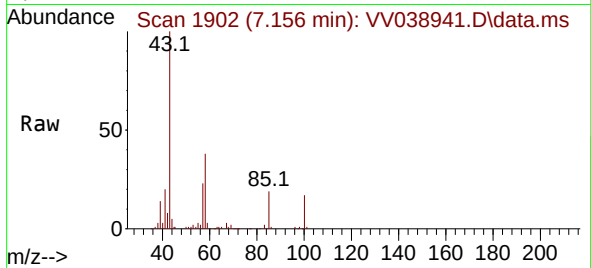




#51
4-Methyl-2-Pentanone
Concen: 10.941 ug/l
RT: 7.156 min Scan# 1902
Delta R.T. 0.010 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

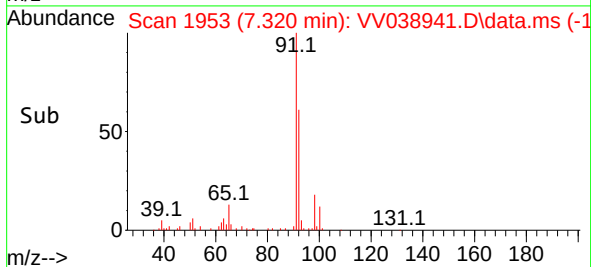
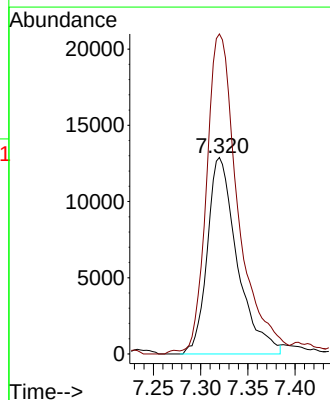
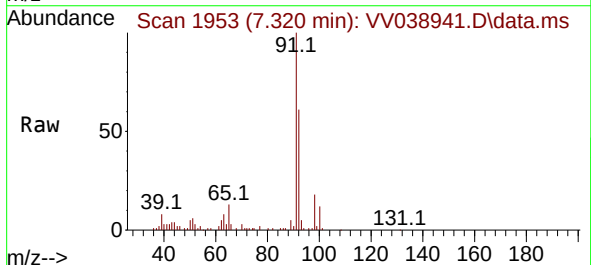
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

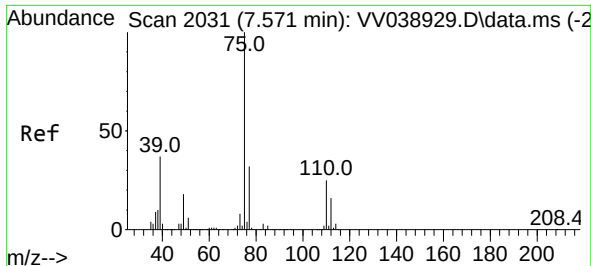
Tgt Ion: 43 Resp: 75696
Ion Ratio Lower Upper
43 100
58 38.0 34.2 51.2



#52
Toluene
Concen: 2.516 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 92 Resp: 28439
Ion Ratio Lower Upper
92 100
91 166.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 2.314 ug/l

RT: 7.596 min Scan# 2031

Delta R.T. 0.026 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

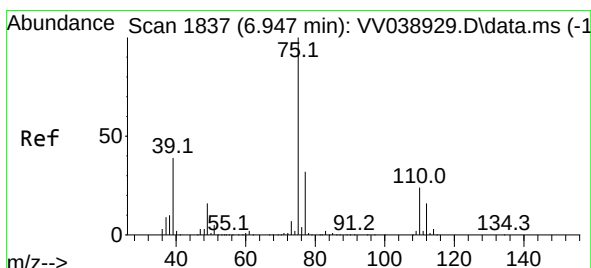
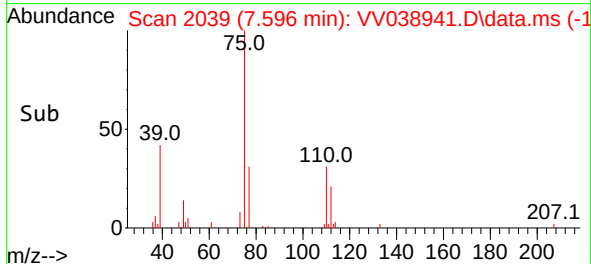
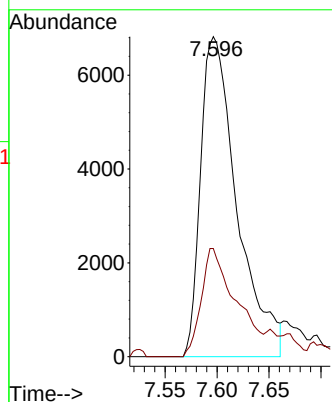
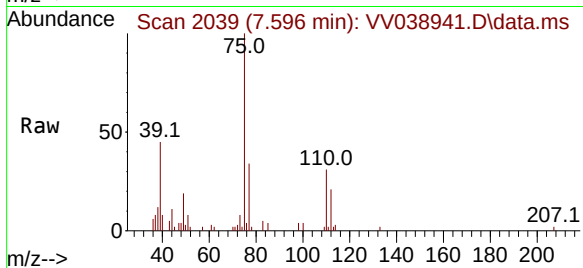
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 75 Resp: 16646

Ion Ratio Lower Upper

75 100

77 33.8 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 2.109 ug/l

RT: 6.966 min Scan# 1843

Delta R.T. 0.019 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

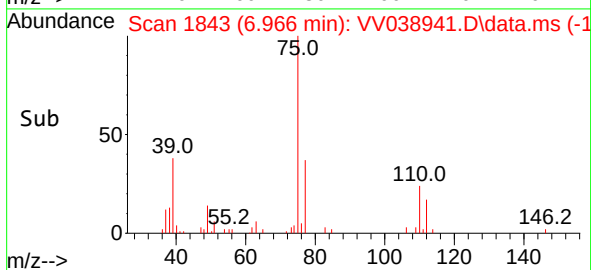
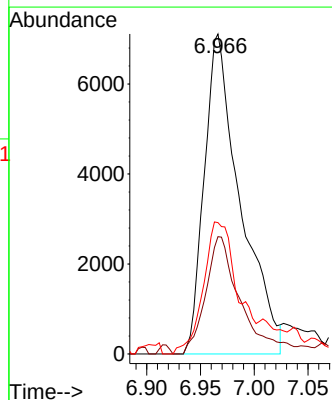
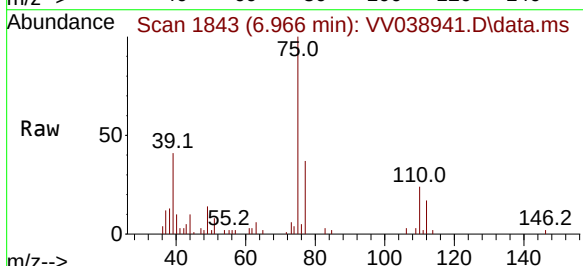
Tgt Ion: 75 Resp: 16566

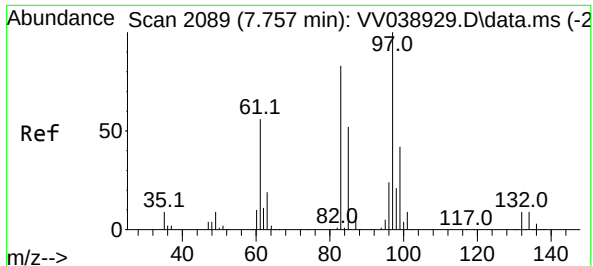
Ion Ratio Lower Upper

75 100

77 36.6 25.2 37.8

39 38.8 31.6 47.4

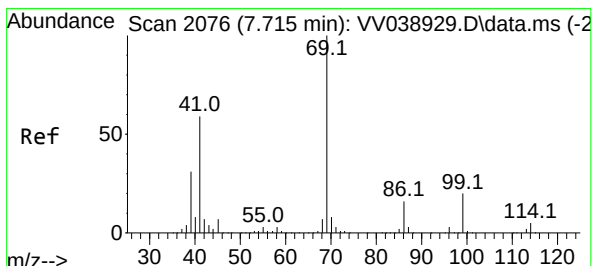
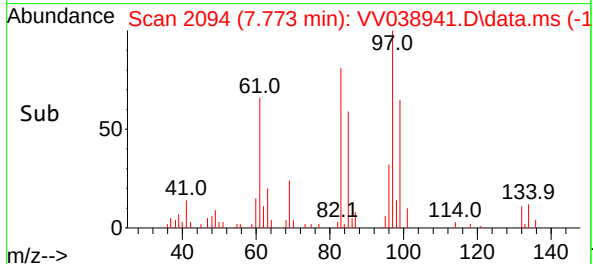
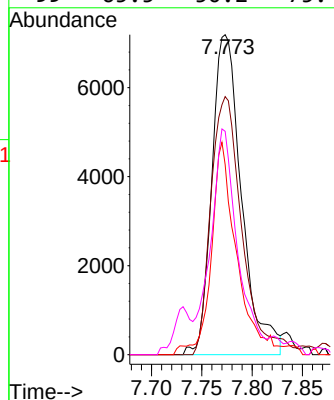
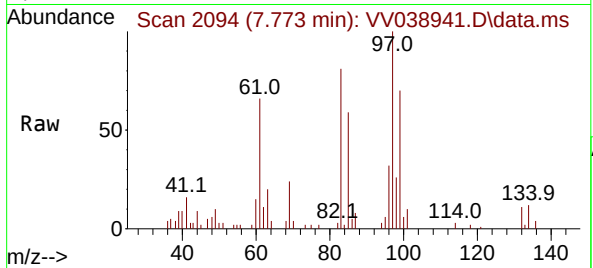




#55
 1,1,2-Trichloroethane
 Concen: 2.670 ug/l
 RT: 7.773 min Scan# 2089
 Delta R.T. 0.016 min
 Lab File: VV038941.D
 Acq: 11 Aug 2025 14:30

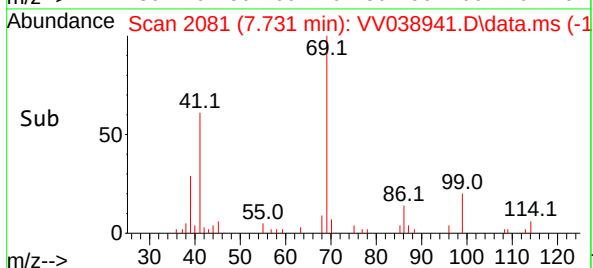
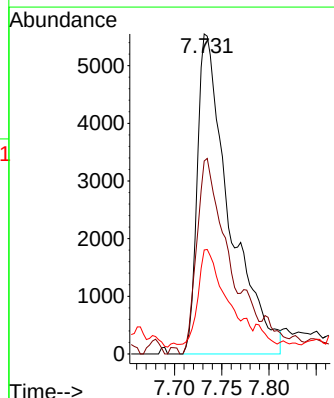
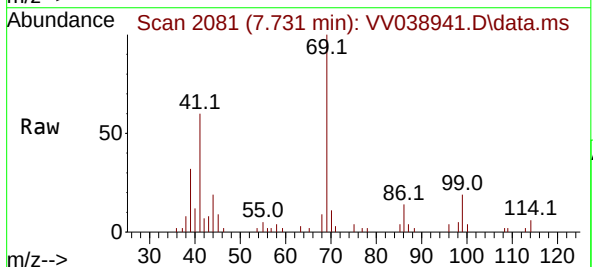
Instrument : MSVOA_V
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025

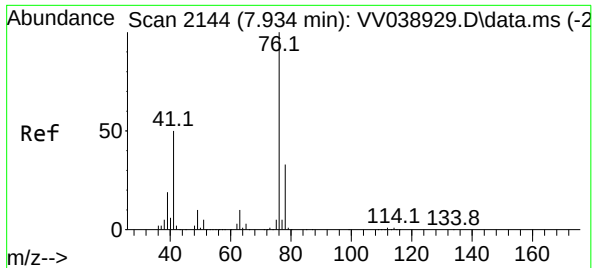
Tgt Ion:	97	Resp:	14768
Ion	Ratio	Lower	Upper
97	100		
83	80.7	66.2	99.4
85	56.7	42.9	64.3
99	65.5	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 2.010 ug/l
 RT: 7.731 min Scan# 2081
 Delta R.T. 0.016 min
 Lab File: VV038941.D
 Acq: 11 Aug 2025 14:30

Tgt Ion:	69	Resp:	13026
Ion	Ratio	Lower	Upper
69	100		
41	53.6	45.8	68.8
39	26.0	23.4	35.0

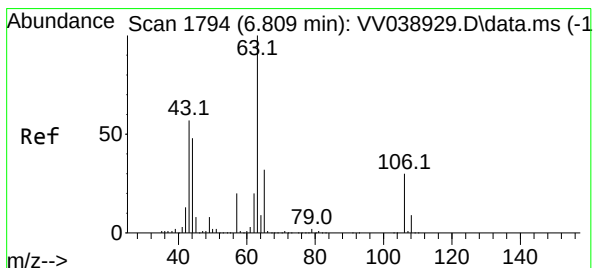
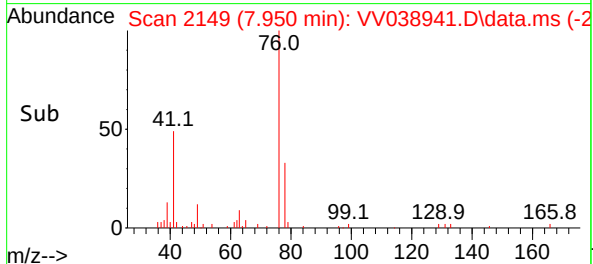
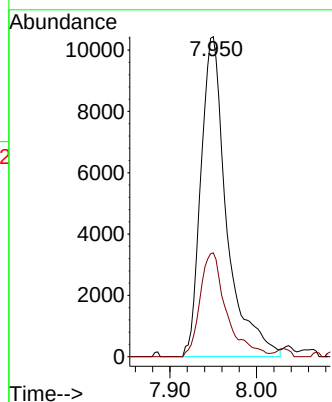
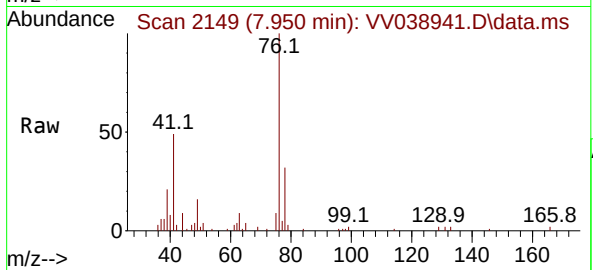




#57
1,3-Dichloropropane
Concen: 2.555 ug/l
RT: 7.950 min Scan# 2144
Delta R.T. 0.016 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

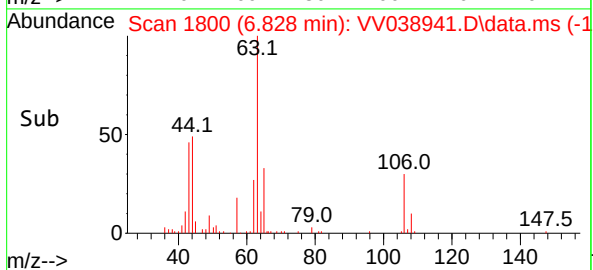
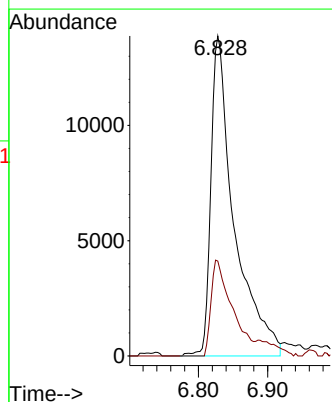
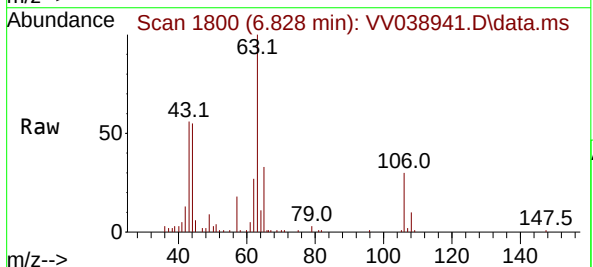
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

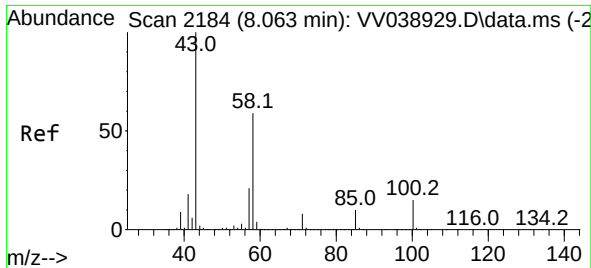
Tgt Ion: 76 Resp: 21623
Ion Ratio Lower Upper
76 100
78 33.1 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 9.948 ug/l
RT: 6.828 min Scan# 1800
Delta R.T. 0.019 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 63 Resp: 32290
Ion Ratio Lower Upper
63 100
106 26.9 24.1 36.1

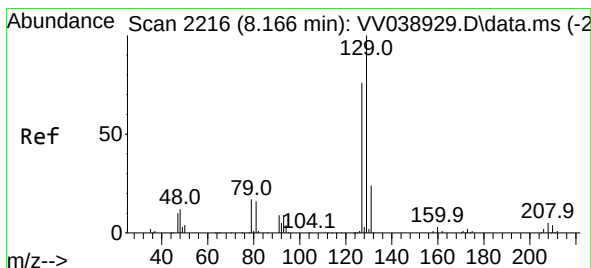
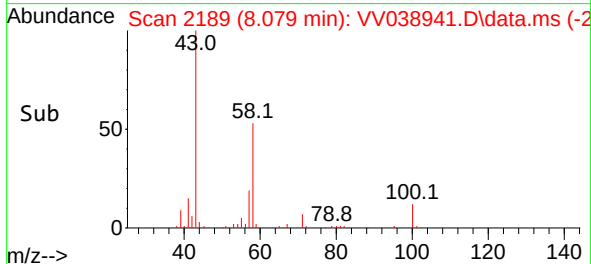
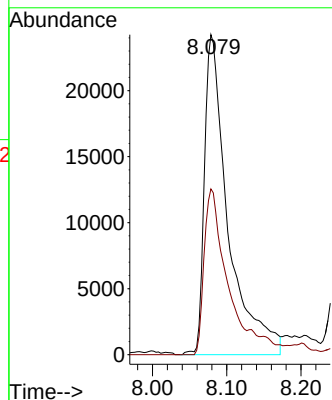
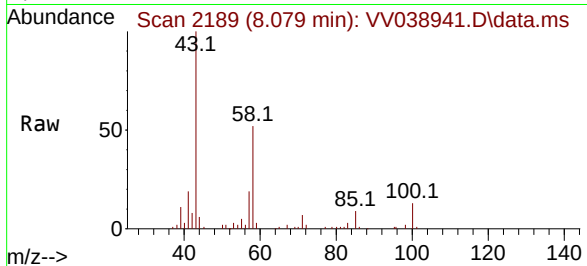




#59
2-Hexanone
Concen: 10.716 ug/l
RT: 8.079 min Scan# 2184
Delta R.T. 0.016 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

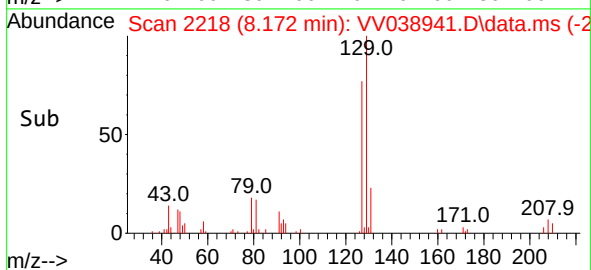
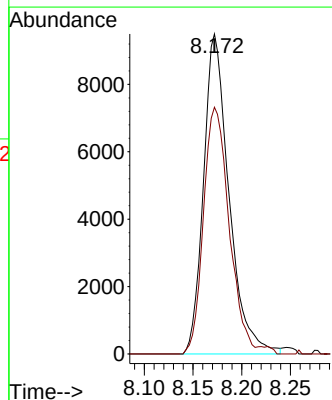
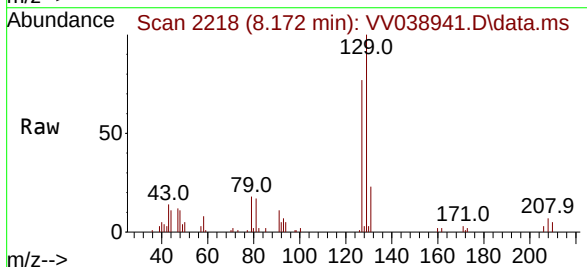
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

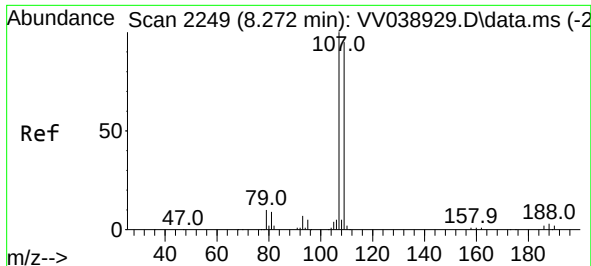
Tgt Ion: 43 Resp: 53513
Ion Ratio Lower Upper
43 100
58 53.6 29.3 87.8



#60
Dibromochloromethane
Concen: 2.548 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 129 Resp: 17258
Ion Ratio Lower Upper
129 100
127 77.8 38.2 114.6

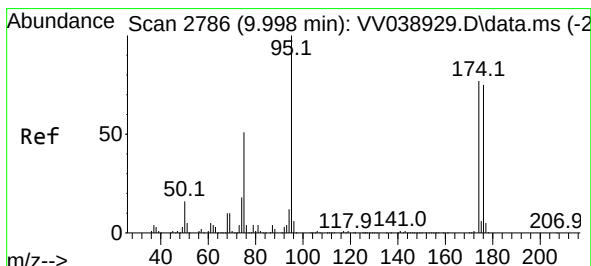
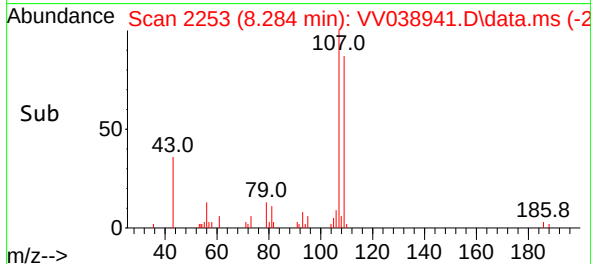
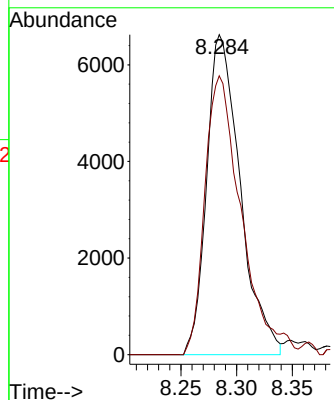
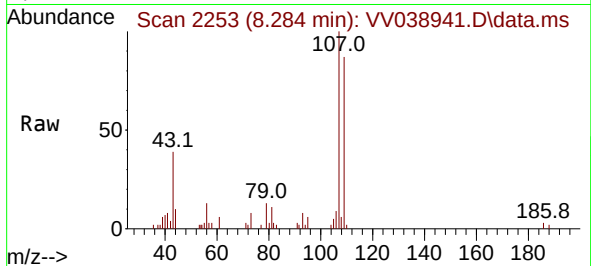




#61
1,2-Dibromoethane
Concen: 2.528 ug/l
RT: 8.284 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

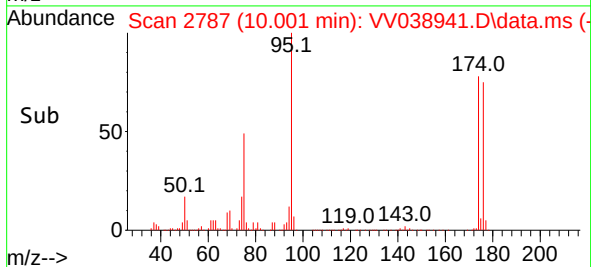
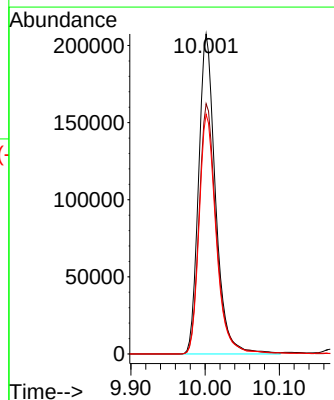
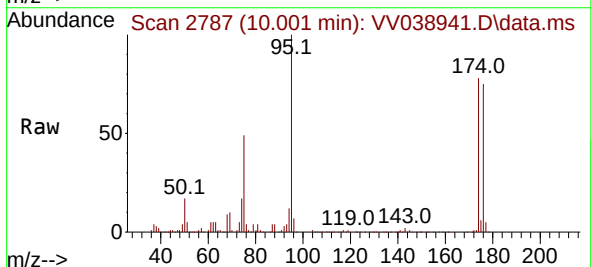
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

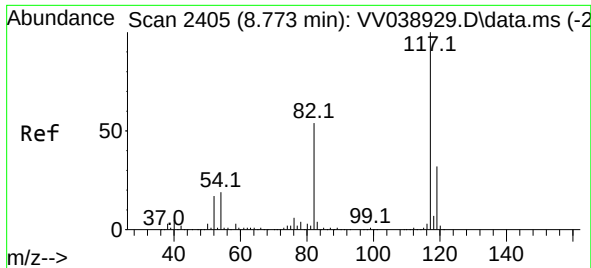
Tgt Ion:107 Resp: 13884
Ion Ratio Lower Upper
107 100
109 94.4 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 43.261 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 95 Resp: 329320
Ion Ratio Lower Upper
95 100
174 80.3 0.0 156.6
176 75.4 0.0 153.0

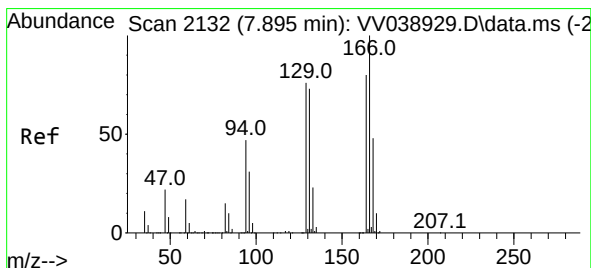
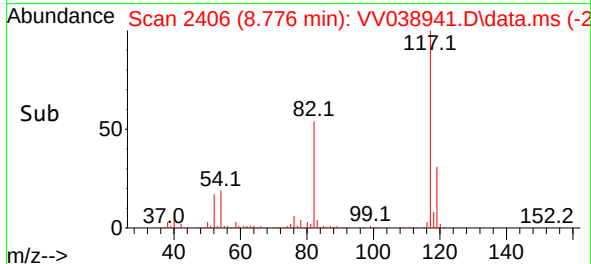
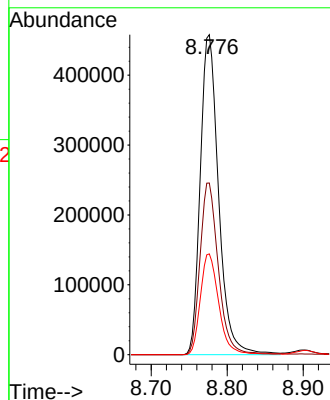
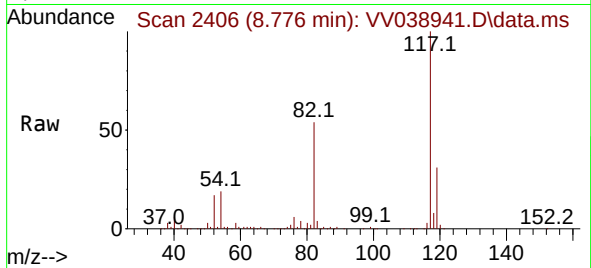




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

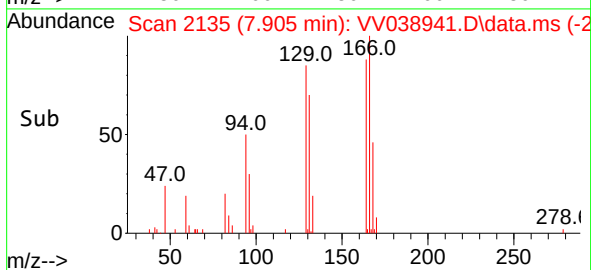
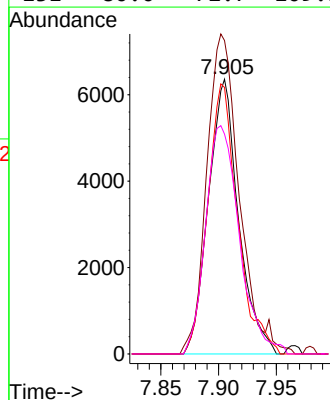
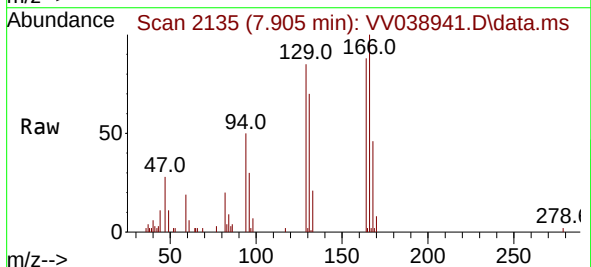
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

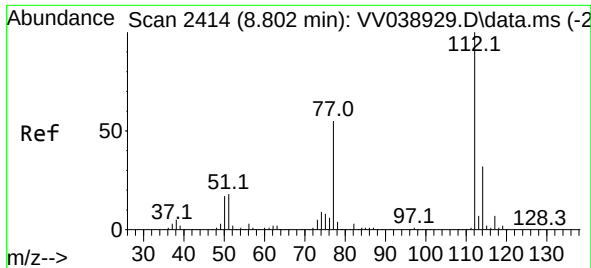
Tgt Ion:117	Resp:	766480
Ion	Ratio	Lower Upper
117	100	
82	53.6	43.2 64.8
119	31.5	25.6 38.4



#64
Tetrachloroethene
Concen: 2.566 ug/l
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion:164	Resp:	11544
Ion	Ratio	Lower Upper
164	100	
166	114.1	100.2 150.4
129	97.0	76.7 115.1
131	80.0	72.7 109.1

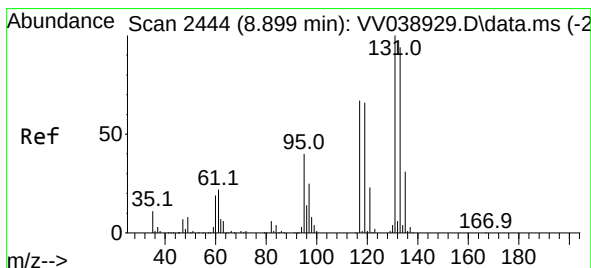
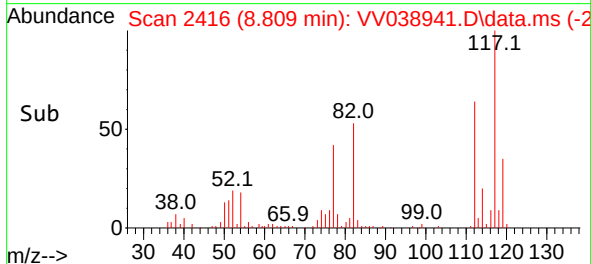
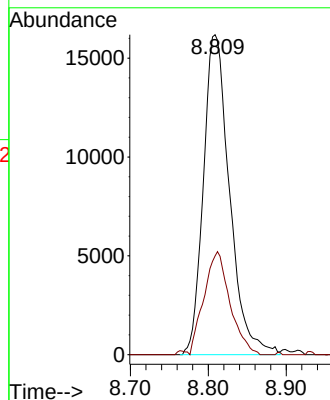
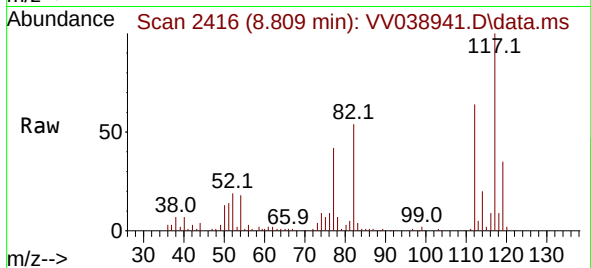




#65
Chlorobenzene
Concen: 2.522 ug/l
RT: 8.809 min Scan# 2414
Delta R.T. 0.006 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

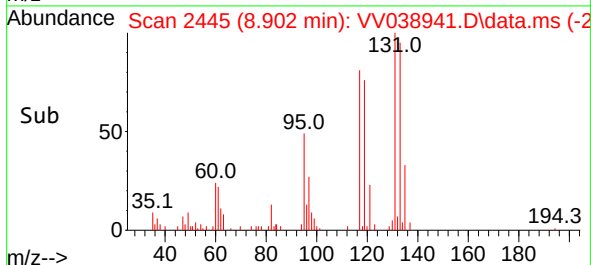
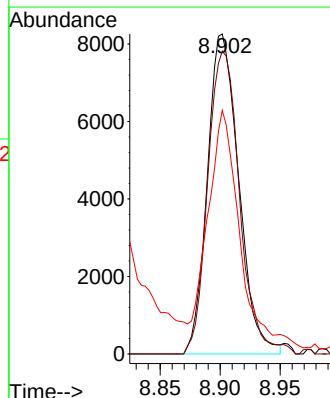
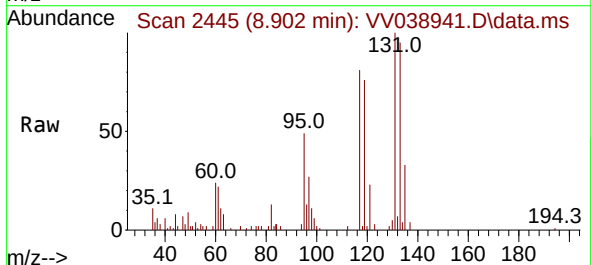
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

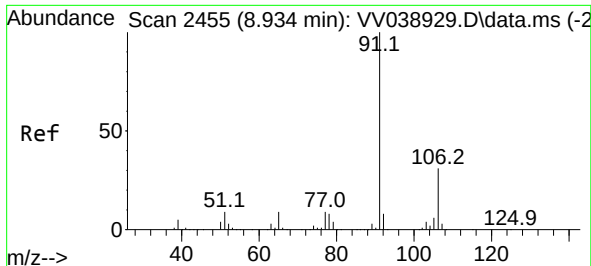
Tgt Ion:112 Resp: 37785
Ion Ratio Lower Upper
112 100
114 30.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.546 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion:131 Resp: 15007
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.5
119 76.5 32.8 98.3





#67

Ethyl Benzene

Concen: 2.223 ug/l

RT: 8.944 min Scan# 2455

Delta R.T. 0.010 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

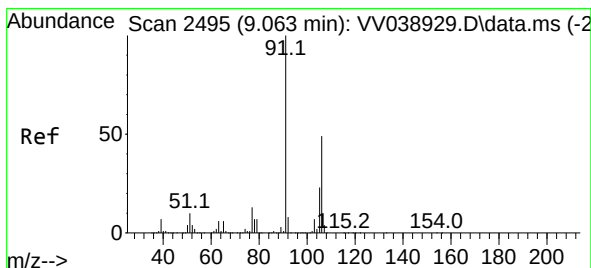
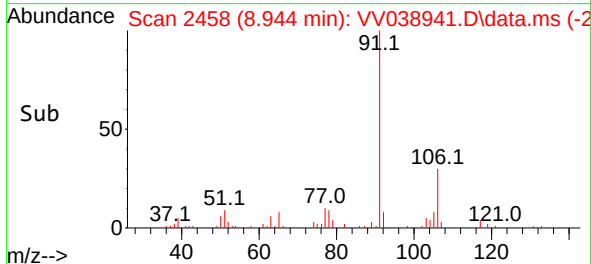
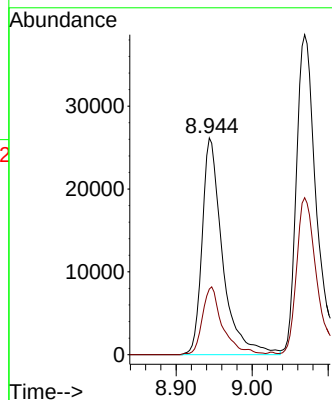
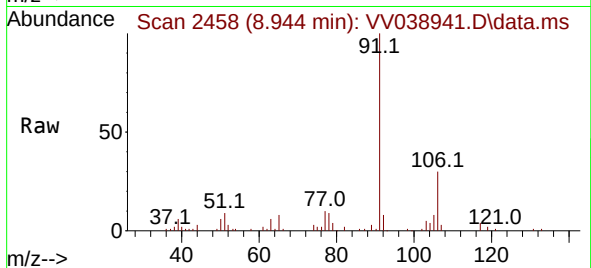
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 48932

Ion Ratio Lower Upper

91 100

106 30.2 25.0 37.6



#68

m/p-Xylenes

Concen: 4.032 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.006 min

Lab File: VV038941.D

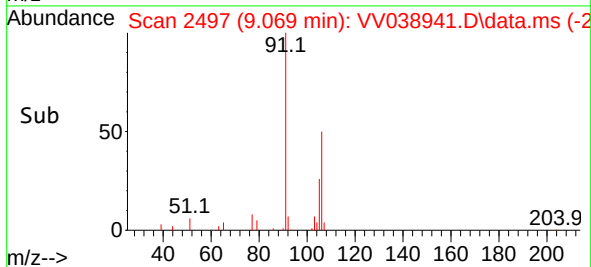
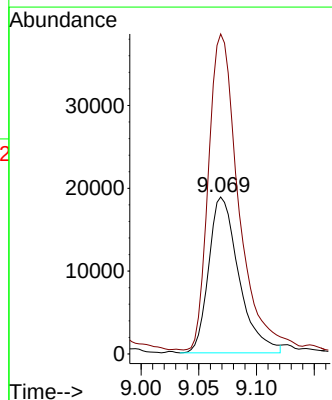
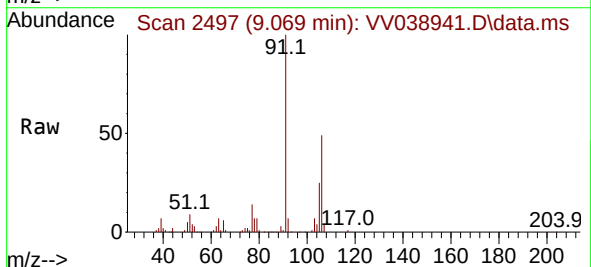
Acq: 11 Aug 2025 14:30

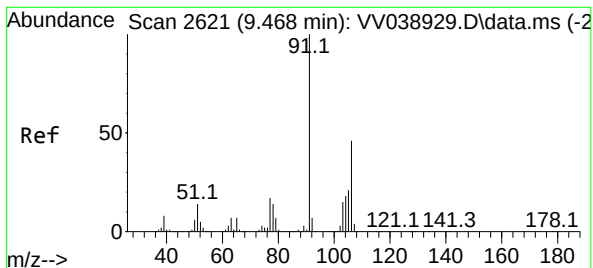
Tgt Ion: 106 Resp: 34197

Ion Ratio Lower Upper

106 100

91 202.0 163.4 245.2





#69

o-Xylene

Concen: 2.146 ug/l

RT: 9.474 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

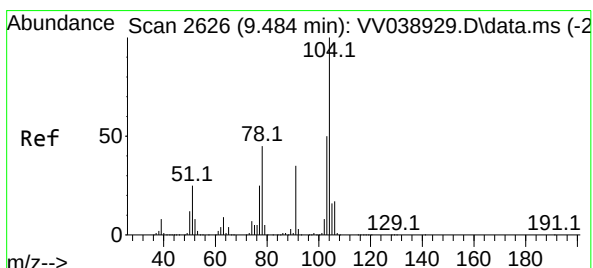
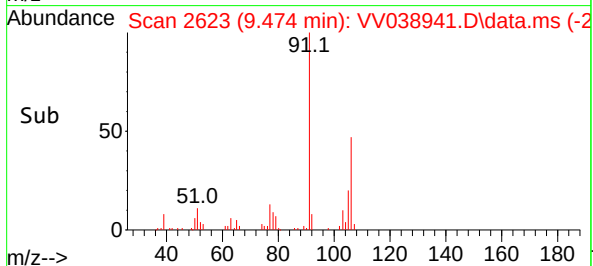
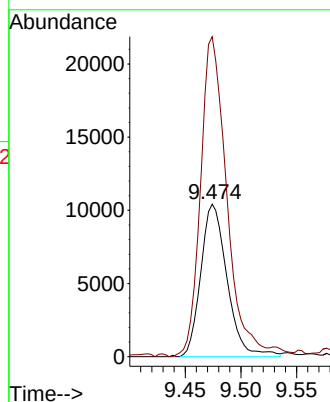
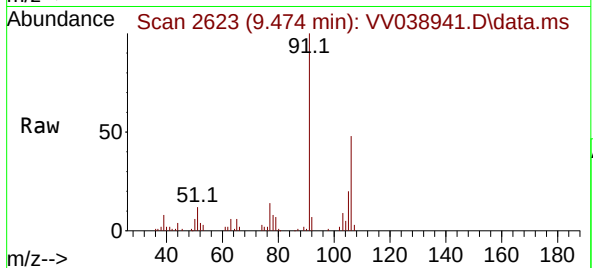
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:106 Resp: 17119

Ion Ratio Lower Upper

106 100

91 208.2 109.1 327.3



#70

Styrene

Concen: 1.941 ug/l

RT: 9.497 min Scan# 2630

Delta R.T. 0.013 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

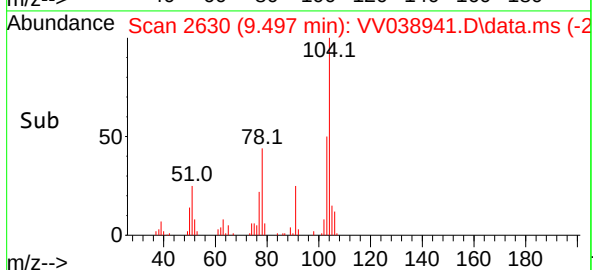
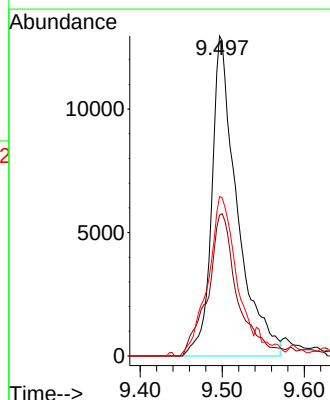
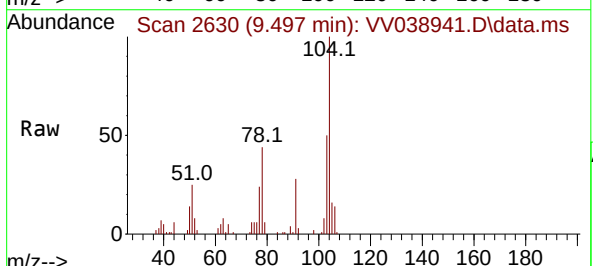
Tgt Ion:104 Resp: 27869

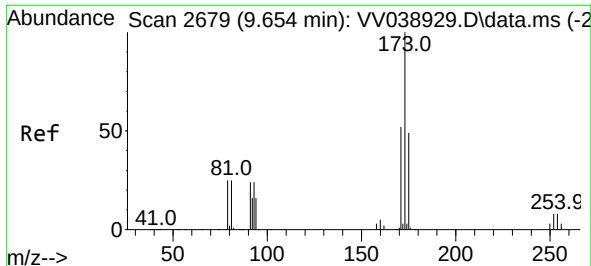
Ion Ratio Lower Upper

104 100

78 51.9 39.8 59.6

103 54.9 43.8 65.6

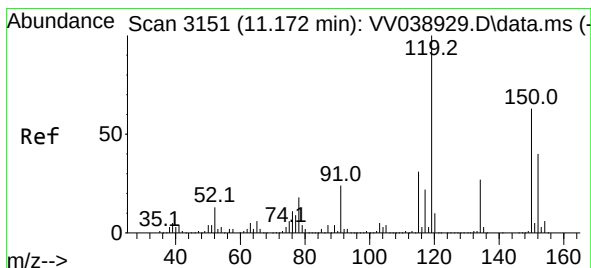
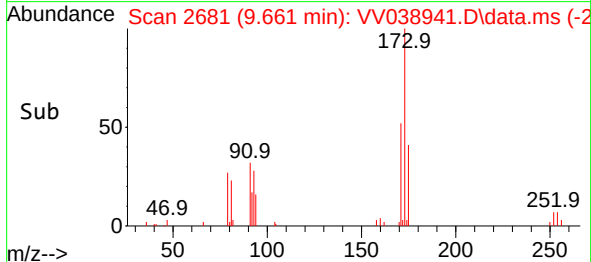
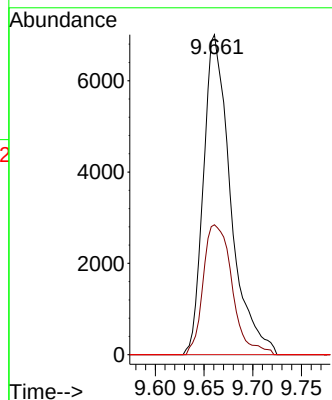
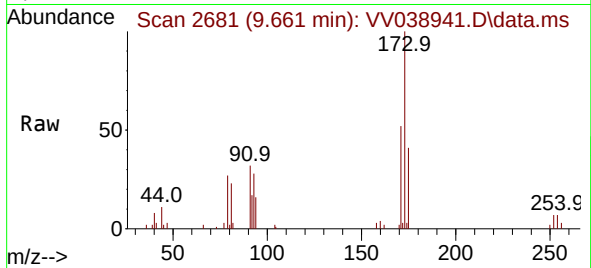




#71
Bromoform
Concen: 2.743 ug/l
RT: 9.661 min Scan# 2681
Delta R.T. 0.006 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

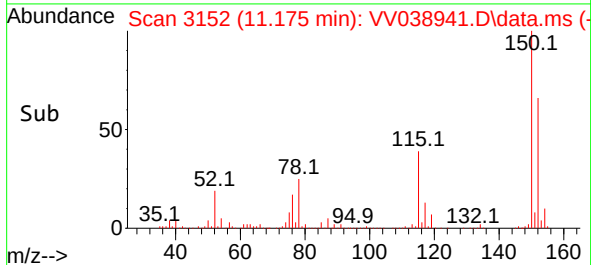
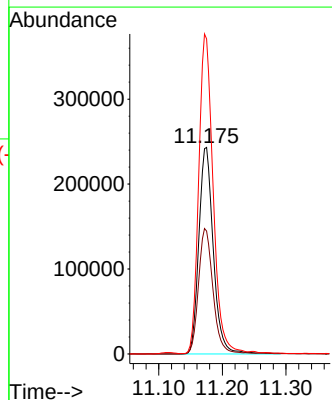
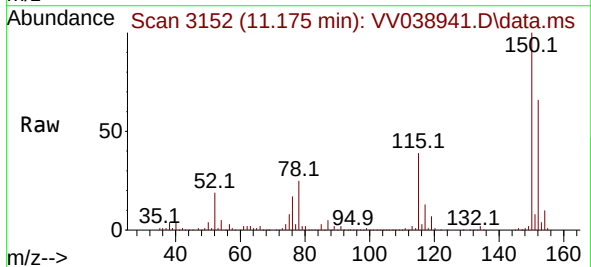
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

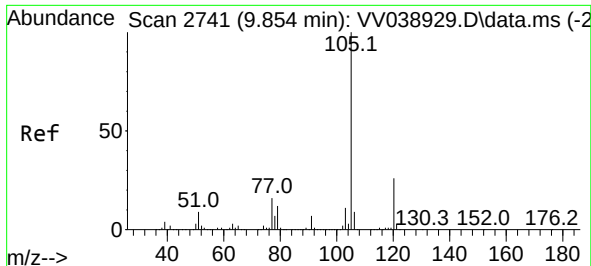
Tgt Ion:173 Resp: 13587
Ion Ratio Lower Upper
173 100
175 43.2 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion:152 Resp: 384577
Ion Ratio Lower Upper
152 100
115 60.8 41.0 123.2
150 153.3 0.0 345.4

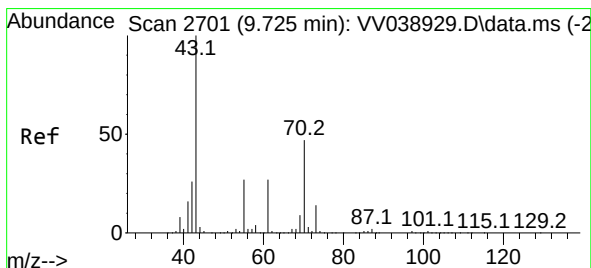
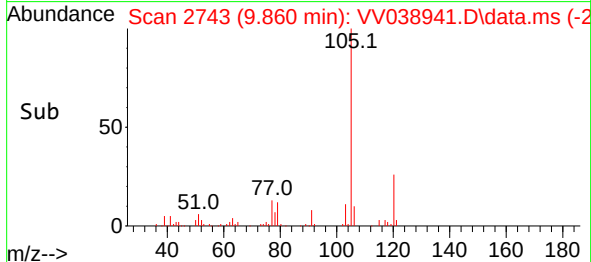
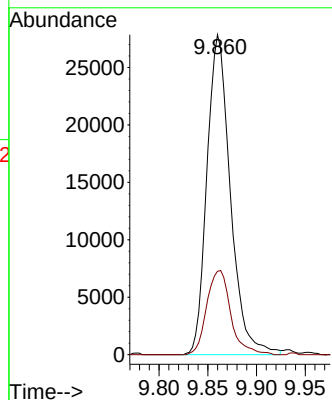
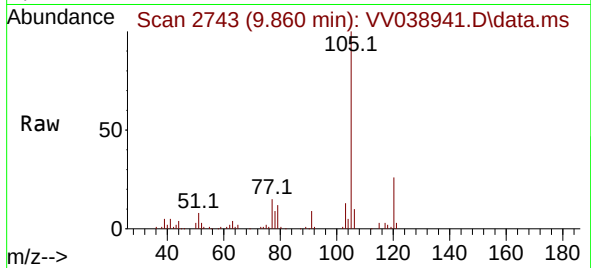




#73
Isopropylbenzene
Concen: 2.325 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

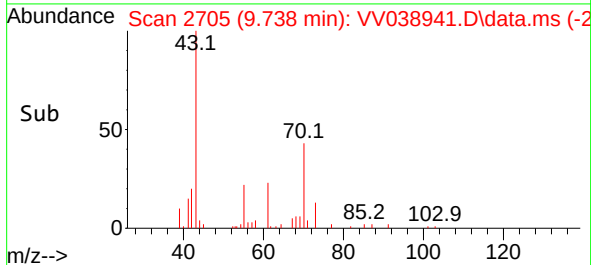
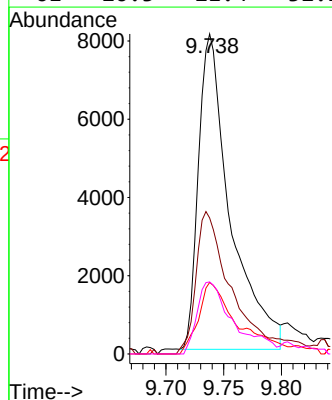
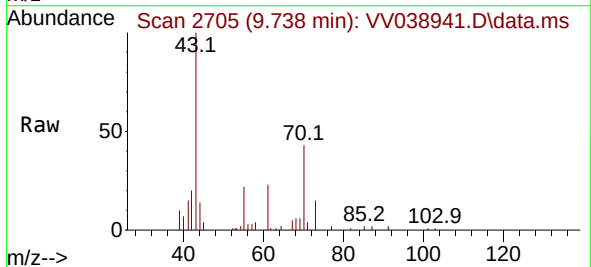
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

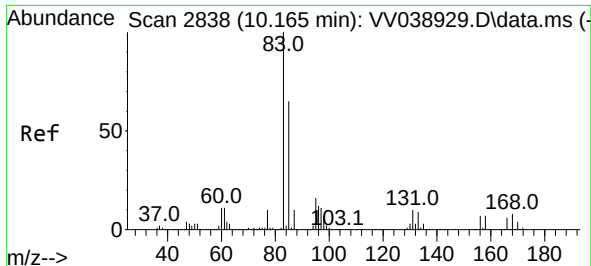
Tgt Ion:105 Resp: 46677
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.8



#74
N-ethyl acetate
Concen: 2.185 ug/l
RT: 9.738 min Scan# 2705
Delta R.T. 0.013 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 43 Resp: 15411
Ion Ratio Lower Upper
43 100
70 52.5 37.4 56.0
55 27.9 22.1 33.1
61 26.3 21.4 32.2

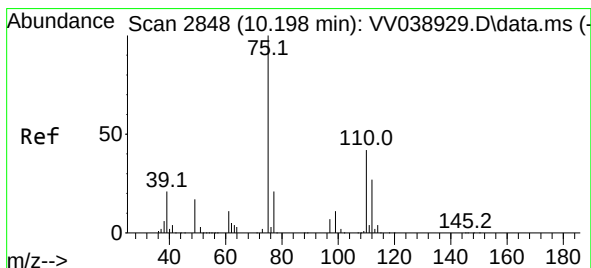
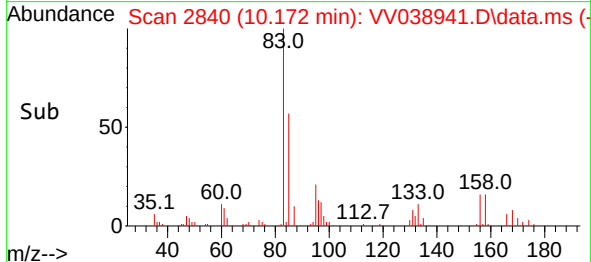
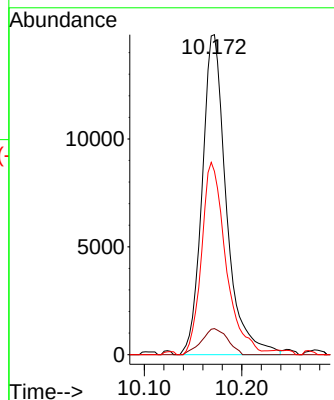
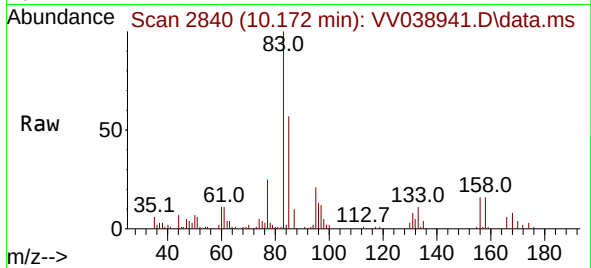




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.975 ug/l
 RT: 10.172 min Scan# 2838
 Delta R.T. 0.006 min
 Lab File: VV038941.D
 Acq: 11 Aug 2025 14:30

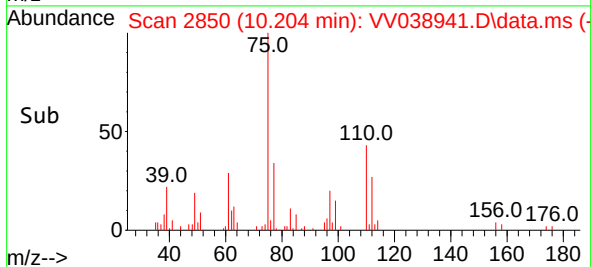
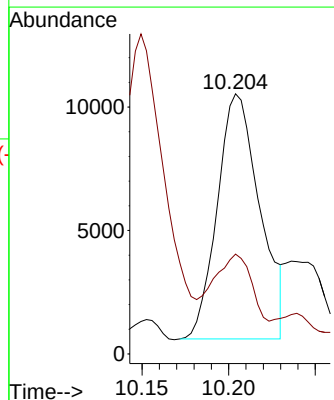
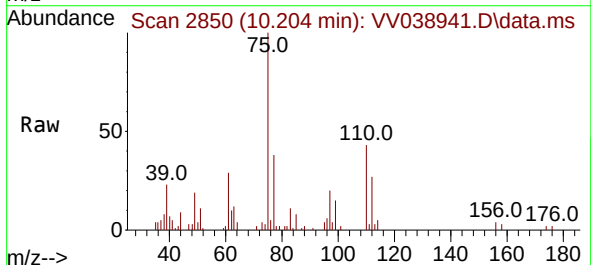
Instrument : MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

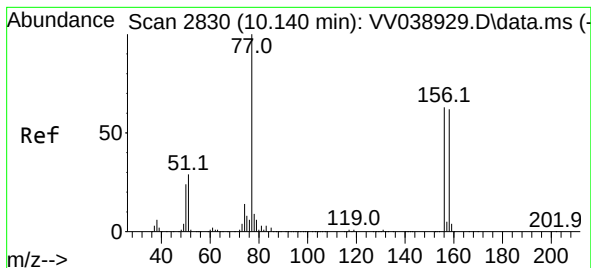
Tgt Ion: 83 Resp: 25536
 Ion Ratio Lower Upper
 83 100
 131 8.8 5.0 14.9
 85 60.4 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 2.700 ug/l
 RT: 10.204 min Scan# 2850
 Delta R.T. 0.006 min
 Lab File: VV038941.D
 Acq: 11 Aug 2025 14:30

Tgt Ion: 75 Resp: 16967
 Ion Ratio Lower Upper
 75 100
 77 25.0 11.9 35.9





#77

Bromobenzene

Concen: 2.845 ug/l

RT: 10.149 min Scan# 2830

Delta R.T. 0.010 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

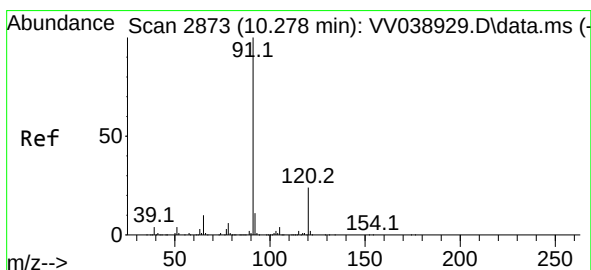
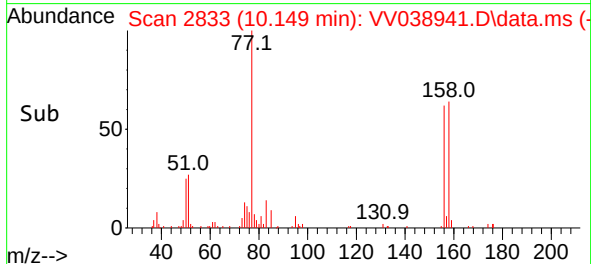
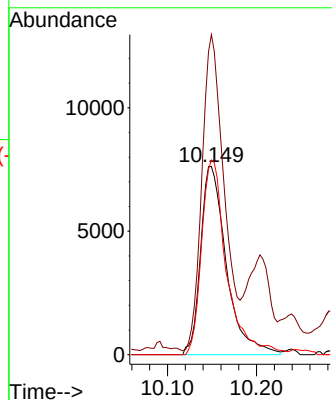
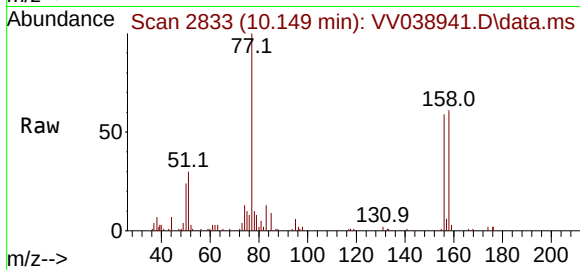
Tgt Ion:156 Resp: 15331

Ion Ratio Lower Upper

156 100

77 144.0 78.8 236.5

158 97.7 49.6 148.8



#78

n-propylbenzene

Concen: 2.459 ug/l

RT: 10.281 min Scan# 2874

Delta R.T. 0.003 min

Lab File: VV038941.D

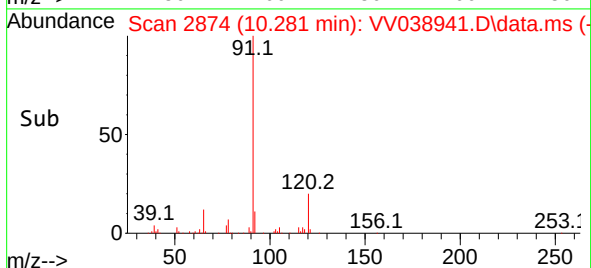
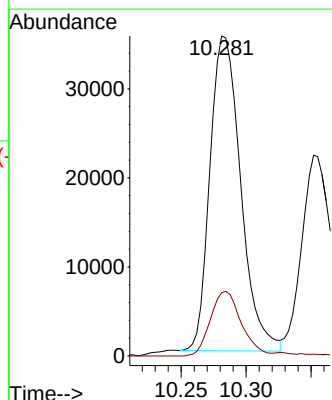
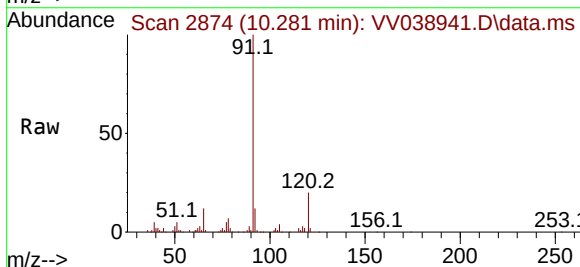
Acq: 11 Aug 2025 14:30

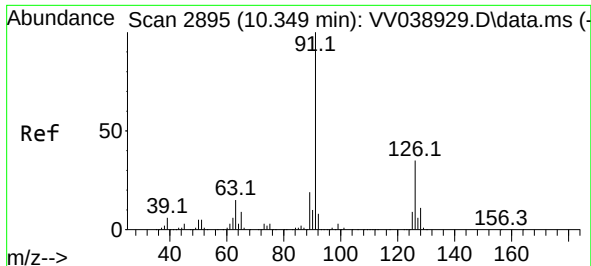
Tgt Ion: 91 Resp: 58221

Ion Ratio Lower Upper

91 100

120 20.6 11.9 35.7





#79

2-Chlorotoluene

Concen: 2.550 ug/l

RT: 10.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

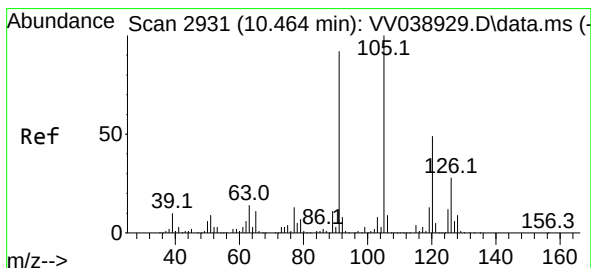
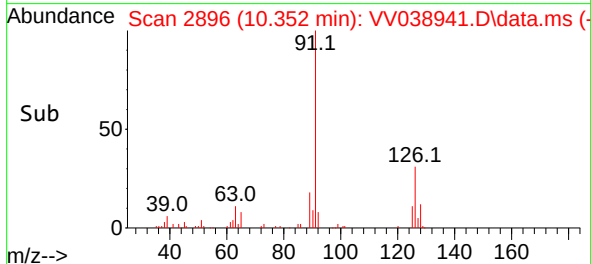
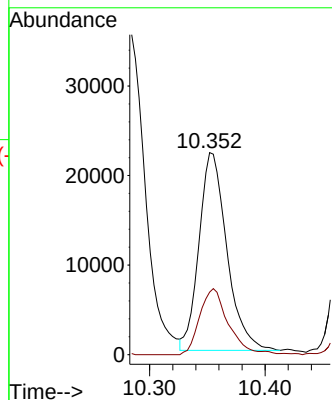
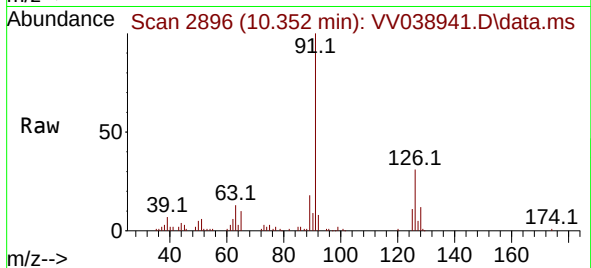
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 37067

Ion Ratio Lower Upper

91 100

126 34.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 2.309 ug/l

RT: 10.468 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV038941.D

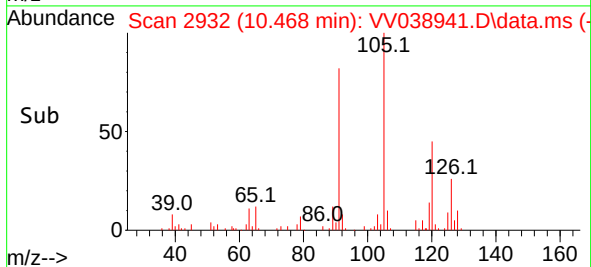
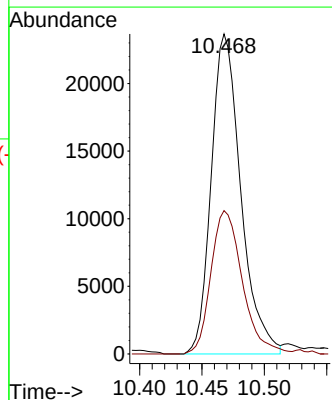
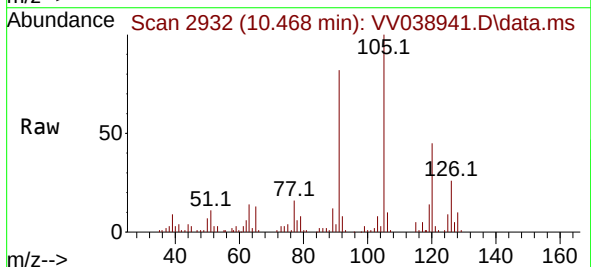
Acq: 11 Aug 2025 14:30

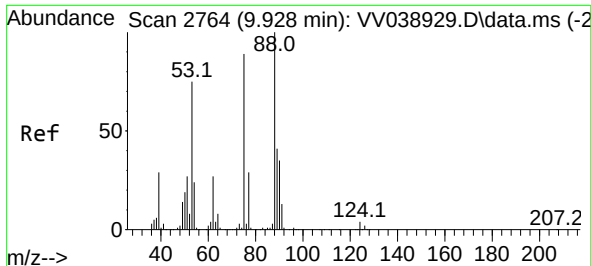
Tgt Ion: 105 Resp: 39114

Ion Ratio Lower Upper

105 100

120 47.6 24.6 73.6

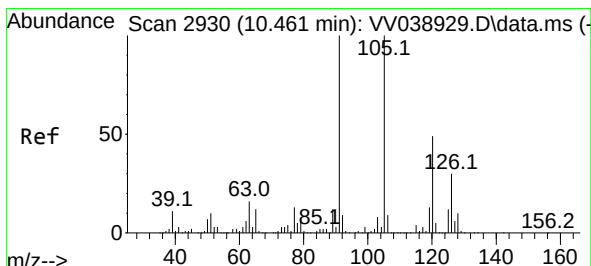
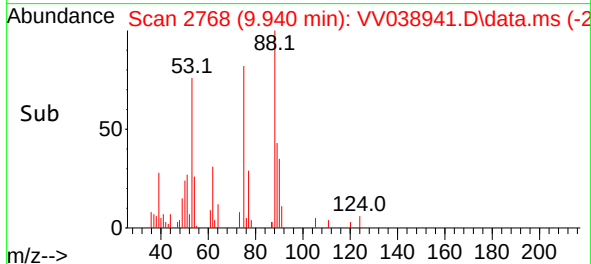
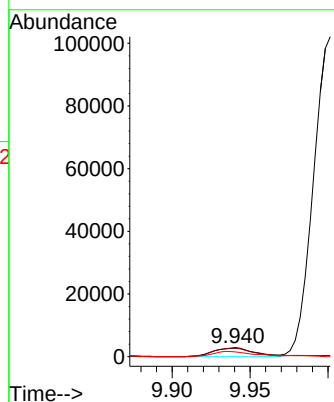
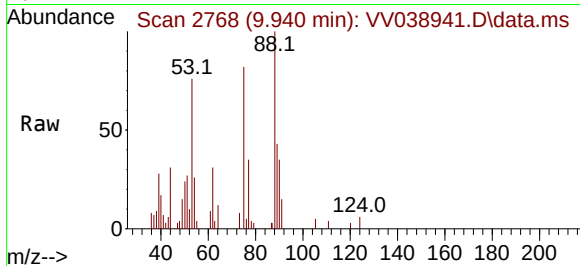




#81
trans-1,4-Dichloro-2-butene
Concen: 2.083 ug/l
RT: 9.940 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

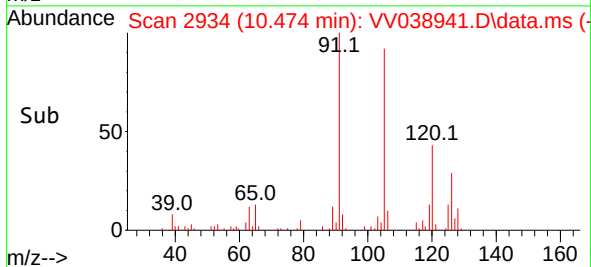
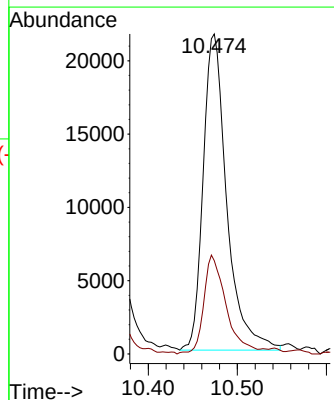
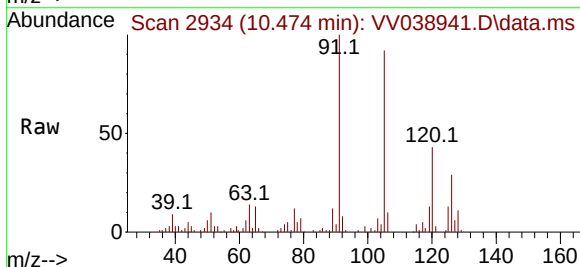
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

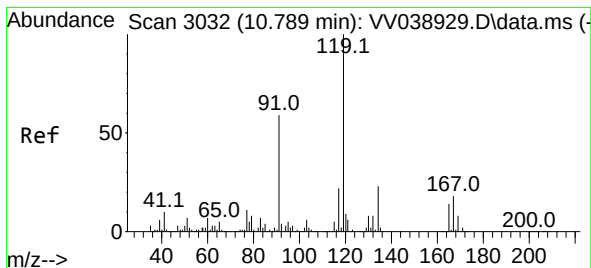
Tgt Ion: 75 Resp: 5227
Ion Ratio Lower Upper
75 100
53 92.2 69.0 103.4
89 66.4 38.8 58.2#



#82
4-Chlorotoluene
Concen: 2.342 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.013 min
Lab File: VV038941.D
Acq: 11 Aug 2025 14:30

Tgt Ion: 91 Resp: 39804
Ion Ratio Lower Upper
91 100
126 29.6 15.0 45.0





#83

tert-Butylbenzene

Concen: 2.423 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

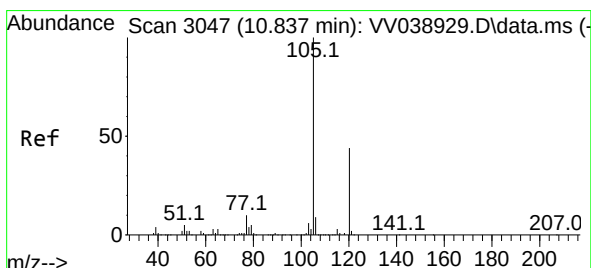
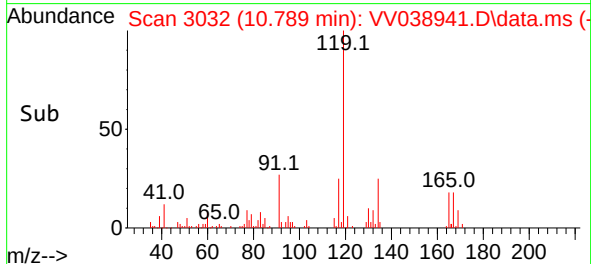
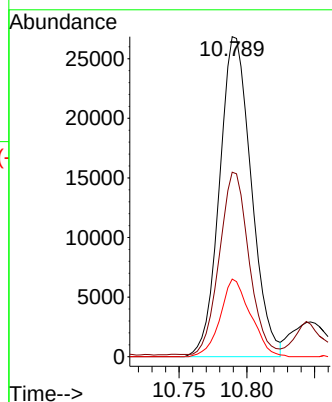
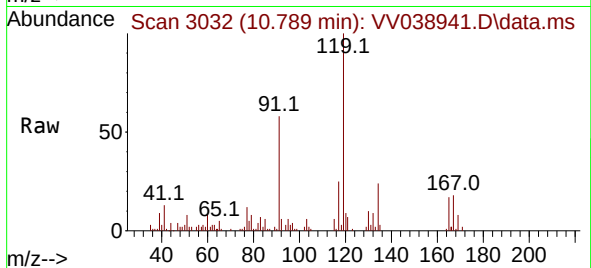
Tgt Ion:119 Resp: 43713

Ion Ratio Lower Upper

119 100

91 53.2 28.5 85.5

134 23.2 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 2.168 ug/l

RT: 10.844 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VV038941.D

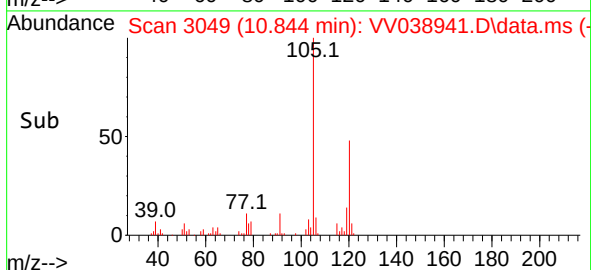
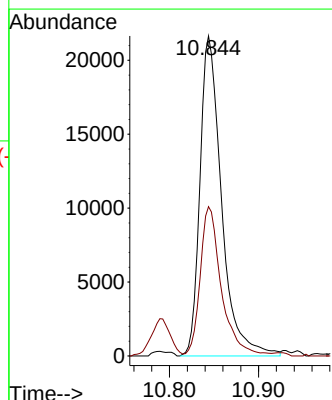
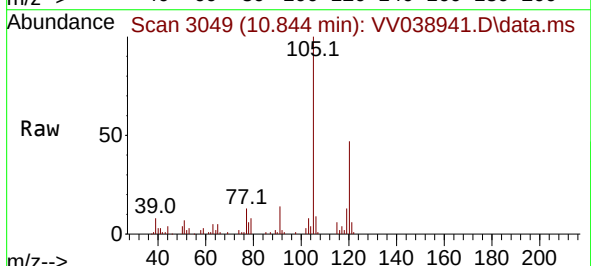
Acq: 11 Aug 2025 14:30

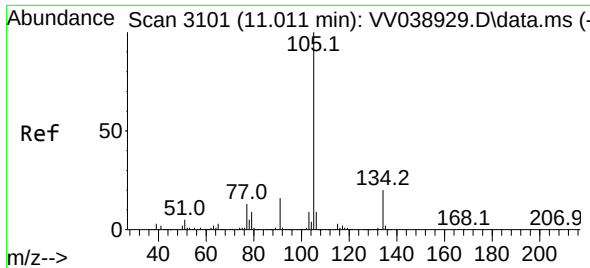
Tgt Ion:105 Resp: 36449

Ion Ratio Lower Upper

105 100

120 44.3 23.2 69.5

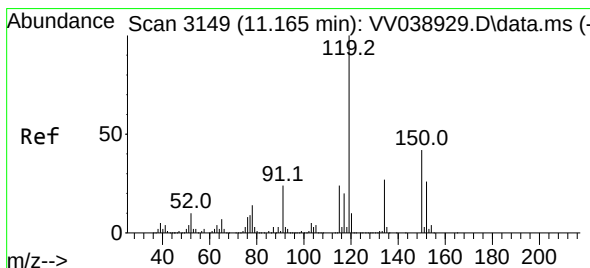
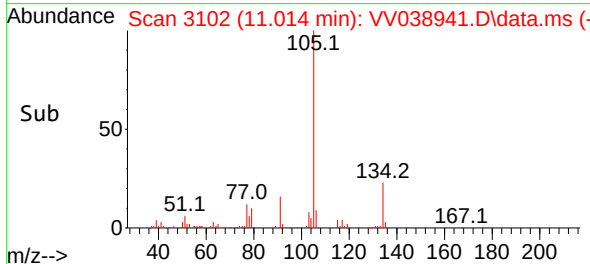
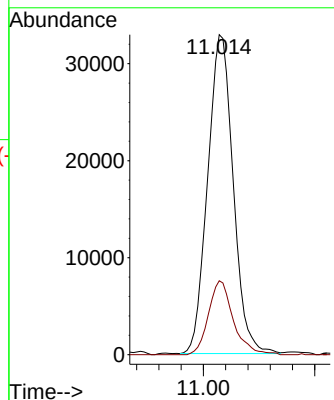
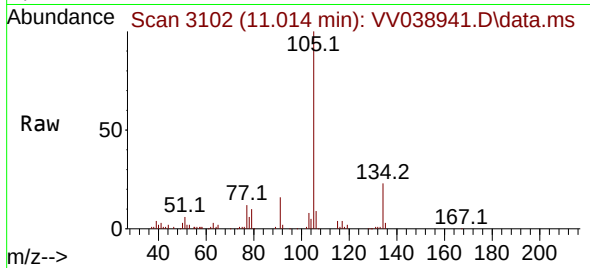




#85
 sec-Butylbenzene
 Concen: 2.293 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038941.D
 Acq: 11 Aug 2025 14:30

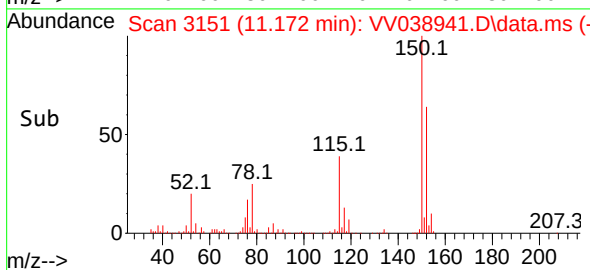
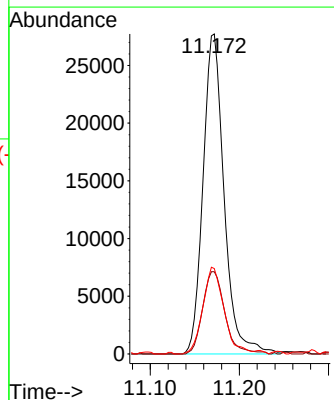
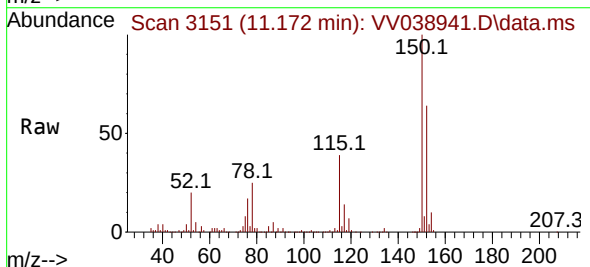
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

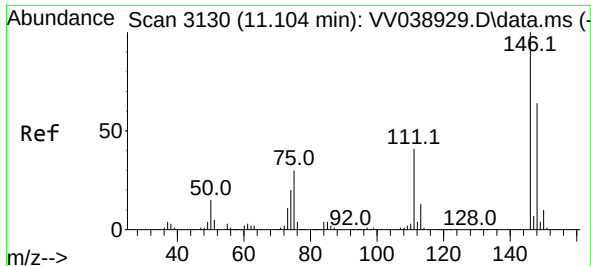
Tgt Ion:105 Resp: 52277
 Ion Ratio Lower Upper
 105 100
 134 22.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 2.292 ug/l
 RT: 11.172 min Scan# 3151
 Delta R.T. 0.006 min
 Lab File: VV038941.D
 Acq: 11 Aug 2025 14:30

Tgt Ion:119 Resp: 45508
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.6
 91 27.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 2.506 ug/l

RT: 11.114 min Scan# 3133

Delta R.T. 0.010 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

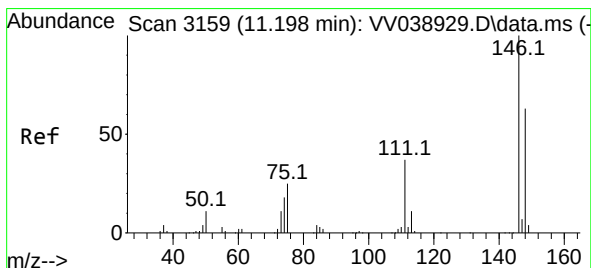
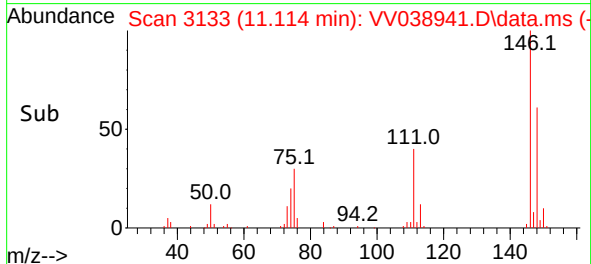
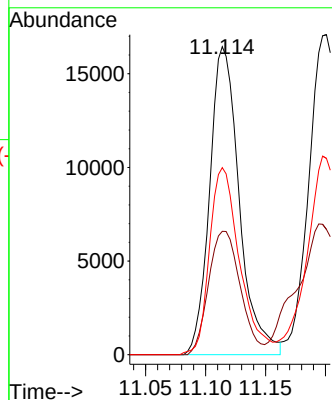
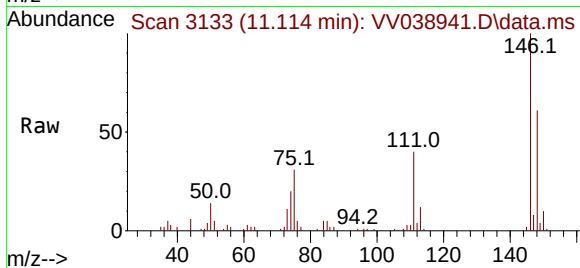
Tgt Ion:146 Resp: 28232

Ion Ratio Lower Upper

146 100

111 43.2 20.4 61.2

148 61.9 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 2.693 ug/l

RT: 11.201 min Scan# 3160

Delta R.T. 0.003 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

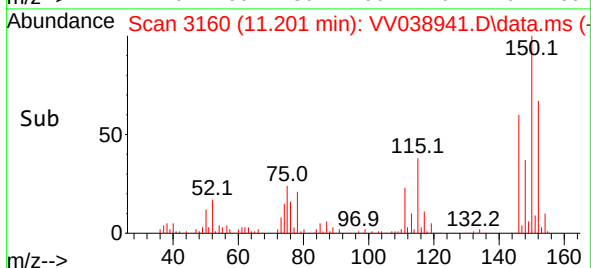
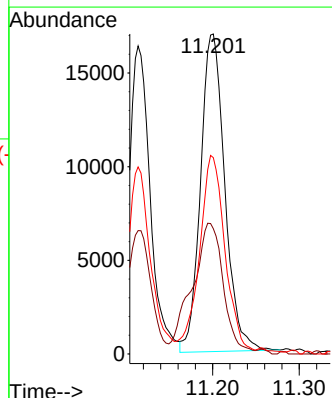
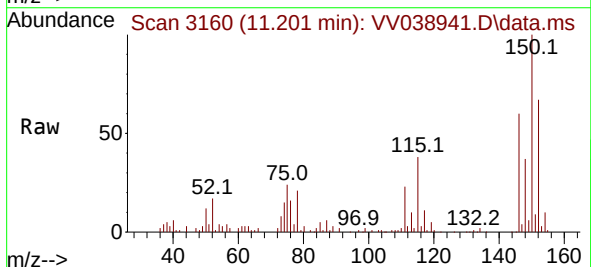
Tgt Ion:146 Resp: 33001

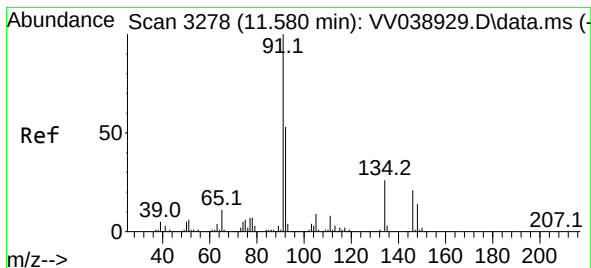
Ion Ratio Lower Upper

146 100

111 51.0 19.7 59.1

148 64.1 31.4 94.2





#89

n-Butylbenzene

Concen: 2.230 ug/l

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

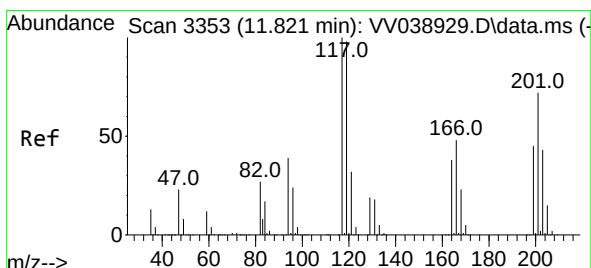
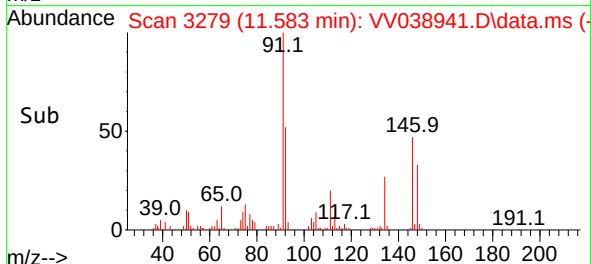
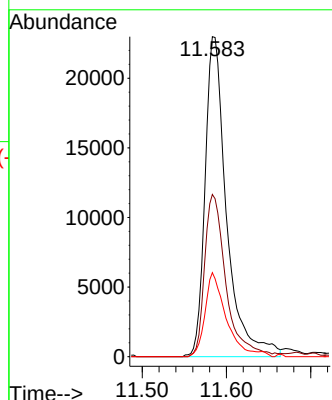
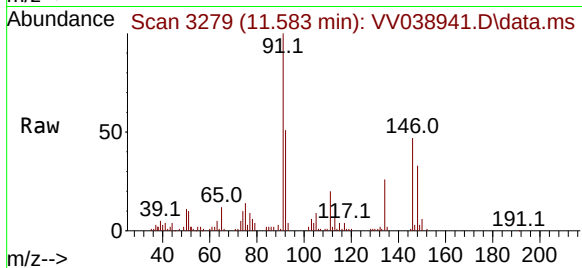
Tgt Ion: 91 Resp: 40950

Ion Ratio Lower Upper

91 100

92 50.0 26.2 78.6

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 2.533 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV038941.D

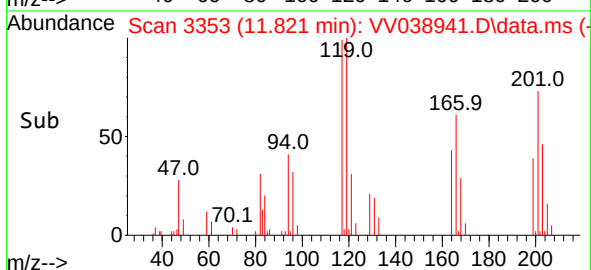
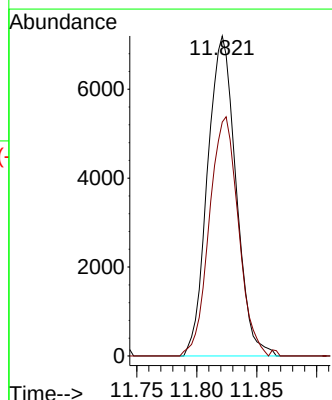
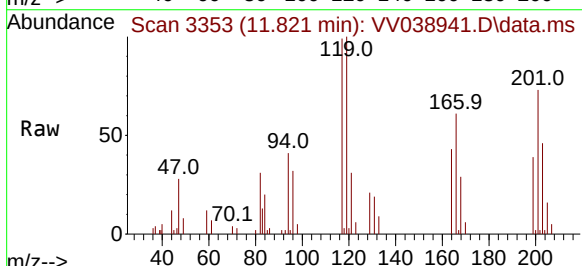
Acq: 11 Aug 2025 14:30

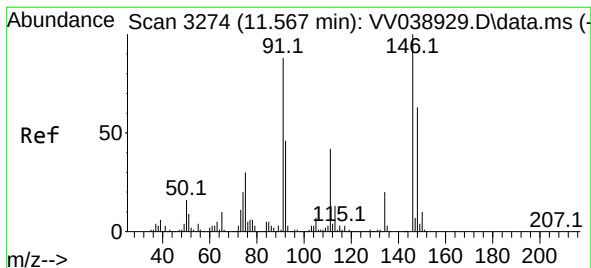
Tgt Ion: 117 Resp: 11864

Ion Ratio Lower Upper

117 100

201 76.4 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 2.572 ug/l

RT: 11.574 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

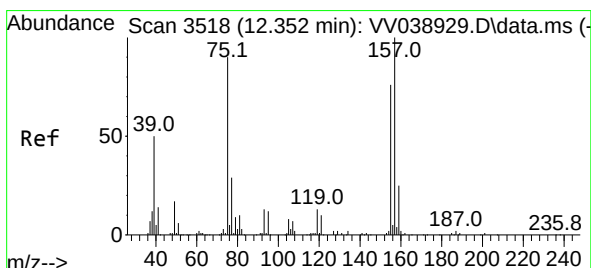
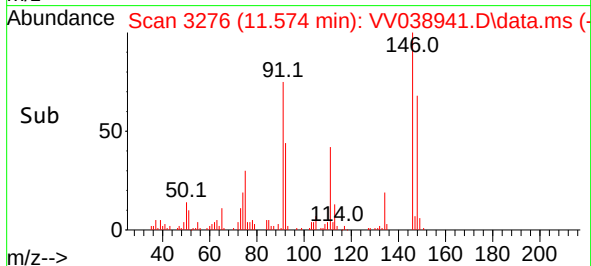
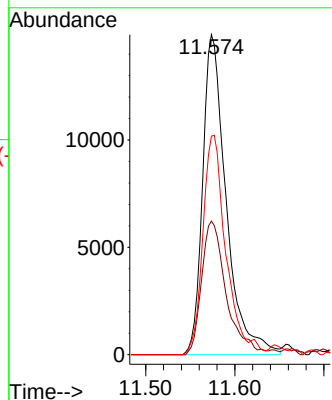
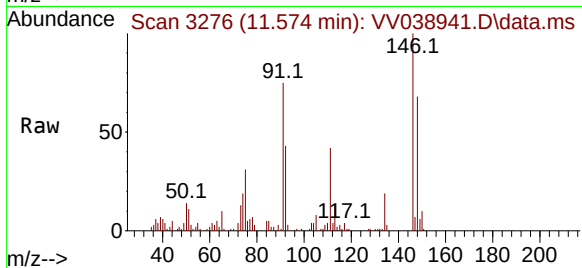
Tgt Ion:146 Resp: 27389

Ion Ratio Lower Upper

146 100

111 43.7 21.1 63.3

148 65.3 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.519 ug/l

RT: 12.358 min Scan# 3520

Delta R.T. 0.006 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

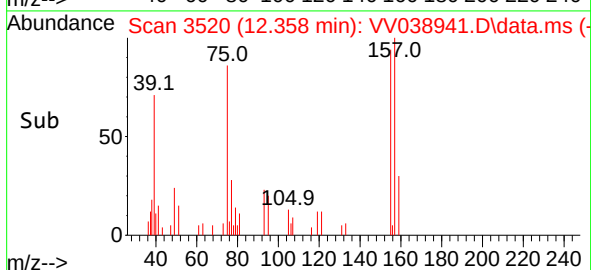
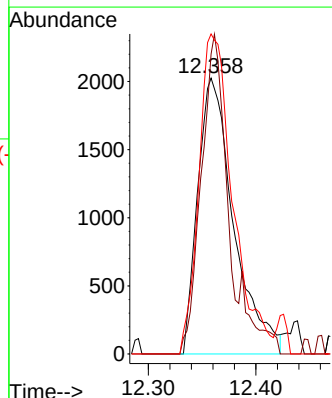
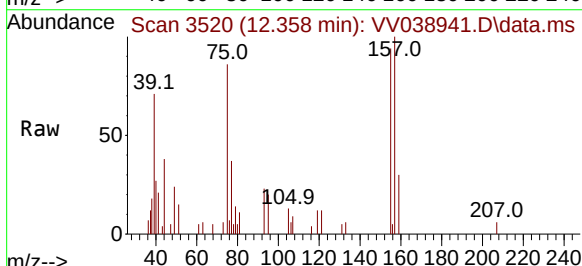
Tgt Ion: 75 Resp: 4703

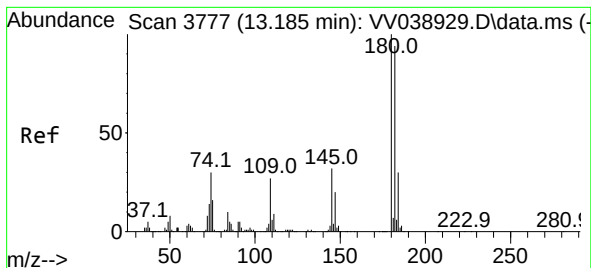
Ion Ratio Lower Upper

75 100

155 78.8 41.4 124.2

157 109.3 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 2.174 ug/l

RT: 13.191 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

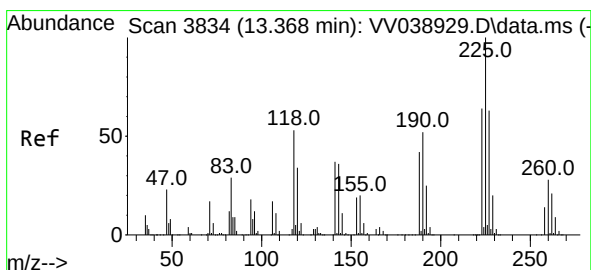
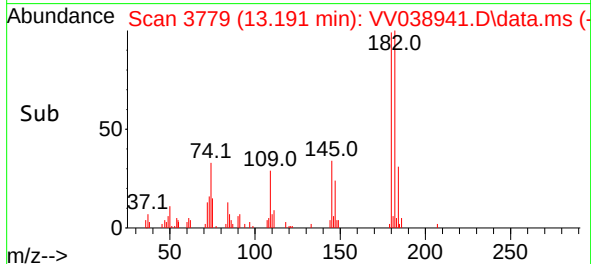
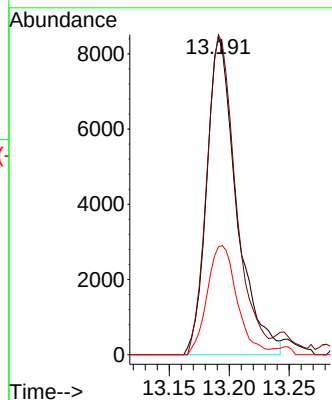
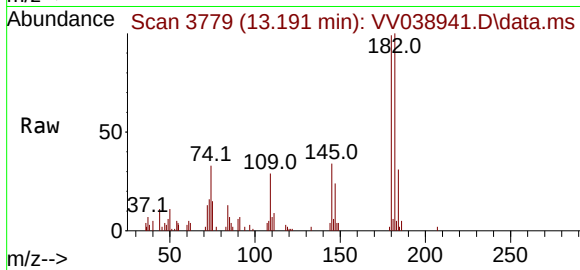
Tgt Ion:180 Resp: 14597

Ion Ratio Lower Upper

180 100

182 97.9 47.1 141.3

145 34.3 15.9 47.6



#94

Hexachlorobutadiene

Concen: 2.528 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

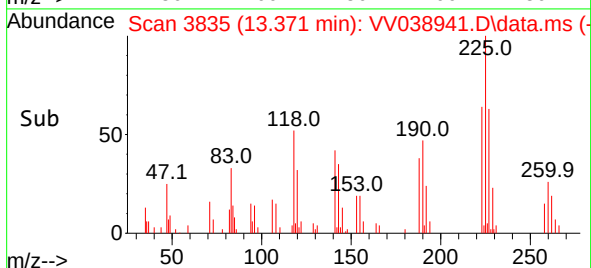
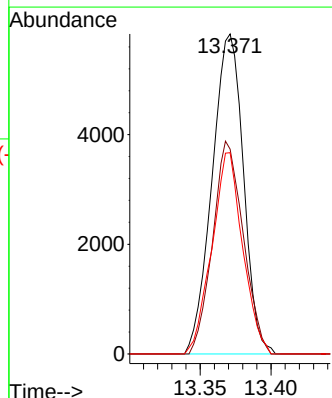
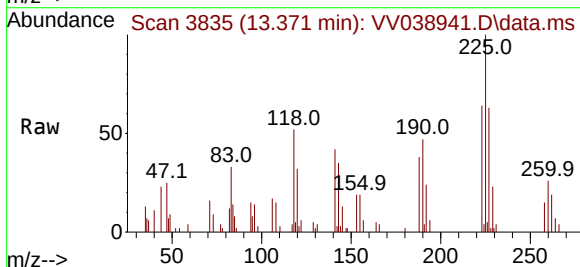
Tgt Ion:225 Resp: 8972

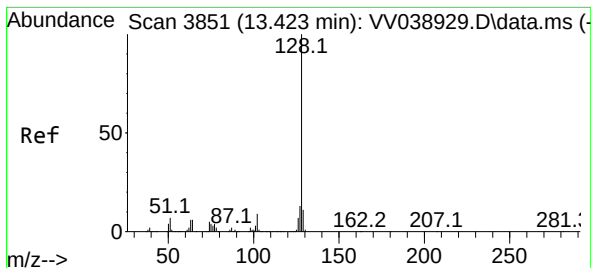
Ion Ratio Lower Upper

225 100

223 65.0 32.0 96.0

227 61.7 31.3 93.9





#95

Naphthalene

Concen: 2.171 ug/l

RT: 13.432 min Scan# 3854

Delta R.T. 0.010 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

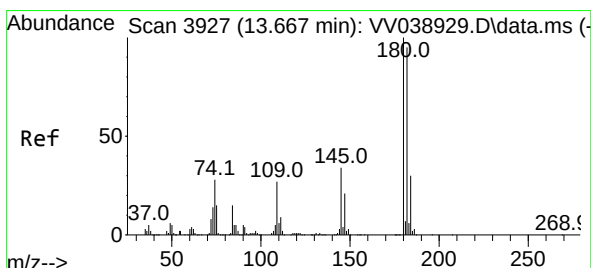
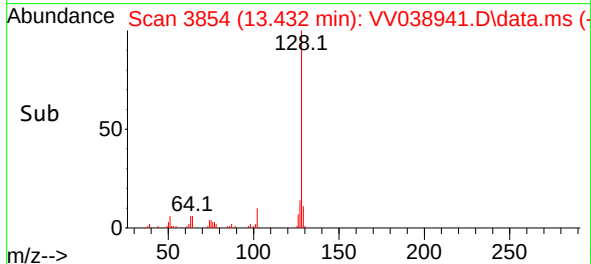
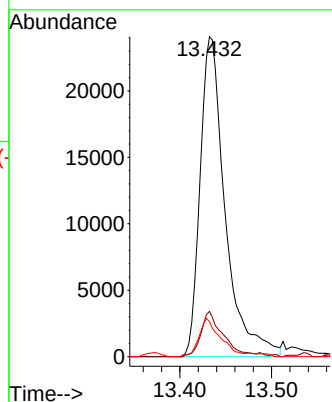
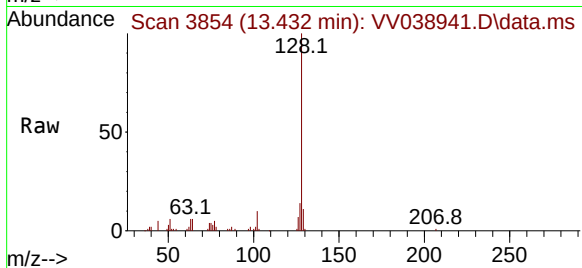
Tgt Ion:128 Resp: 45757

Ion Ratio Lower Upper

128 100

127 12.4 10.6 15.8

129 10.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 2.271 ug/l

RT: 13.670 min Scan# 3928

Delta R.T. 0.003 min

Lab File: VV038941.D

Acq: 11 Aug 2025 14:30

Tgt Ion:180 Resp: 15609

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

145 33.9 17.1 51.3

