

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039033.D
 Acq On : 25 Aug 2025 15:32
 Operator : SY/MD
 Sample : Q2893-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 26 03:48:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 03:46:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	446332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	824725	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	760857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	357420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	351354	54.579	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 109.160%	
35) Dibromofluoromethane	4.503	113	298173	50.203	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 100.400%	
50) Toluene-d8	7.236	98	977100	46.464	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 92.920%	
62) 4-Bromofluorobenzene	10.001	95	331989	43.085	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 86.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	3350	0.560	ug/l	88
3) Chloromethane	1.227	50	4034	0.633	ug/l	90
4) Vinyl Chloride	1.298	62	4528	0.610	ug/l	89
5) Bromomethane	1.497	94	3060	0.820	ug/l	83
6) Chloroethane	1.564	64	4259	0.947	ug/l #	82
7) Trichlorofluoromethane	1.728	101	5826	0.545	ug/l	92
8) Diethyl Ether	1.921	74	2543	0.627	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.079	101	3604	0.560	ug/l	90
10) Methyl Iodide	2.201	142	4782	1.010	ug/l #	94
11) Tert butyl alcohol	2.577	59	3430	2.968	ug/l	96
12) 1,1-Dichloroethene	2.082	96	3819	0.619	ug/l	96
13) Acrolein	2.011	56	3057	5.859	ug/l	96
14) Allyl chloride	2.365	41	6360	0.655	ug/l #	84
15) Acrylonitrile	2.716	53	8050	2.336	ug/l	95
16) Acetone	2.127	43	12867	3.165	ug/l	91
17) Carbon Disulfide	2.256	76	11971	0.699	ug/l	97
18) Methyl Acetate	2.404	43	1108	0.137	ug/l #	14
19) Methyl tert-butyl Ether	2.716	73	10327	0.568	ug/l	95
20) Methylene Chloride	2.465	84	6966	1.049	ug/l #	87
21) trans-1,2-Dichloroethene	2.716	96	4102	0.664	ug/l	86
22) Diisopropyl ether	3.224	45	10106	0.572	ug/l #	49
23) Vinyl Acetate	3.240	43	32349	2.209	ug/l	95
24) 1,1-Dichloroethane	3.130	63	7117	0.643	ug/l #	84
25) 2-Butanone	3.847	43	206	0.046	ug/l #	47
26) 2,2-Dichloropropane	3.825	77	5813	0.611	ug/l #	58
27) cis-1,2-Dichloroethene	3.854	96	3772	0.551	ug/l	80
28) Bromochloromethane	4.178	49	2002	0.668	ug/l	85
29) Tetrahydrofuran	4.240	42	165	0.059	ug/l #	29
30) Chloroform	4.297	83	7131	0.620	ug/l #	79
31) Cyclohexane	4.606	56	15144	1.547	ug/l #	27
32) 1,1,1-Trichloroethane	4.519	97	6406	0.632	ug/l #	44
36) 1,1-Dichloropropene	4.600	75	37130	4.652	ug/l #	47
37) Ethyl Acetate	3.989	43	3127	0.334	ug/l #	81
38) Carbon Tetrachloride	4.744	117	4524	0.473	ug/l	97
39) Methylcyclohexane	6.053	83	5171	0.505	ug/l	97
40) Benzene	5.037	78	12065	0.473	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	95	0.032	ug/l #	1
42) 1,2-Dichloroethane	5.076	62	5059	0.569	ug/l	81
43) Isopropyl Acetate	5.195	43	203	0.015	ug/l #	59
44) Trichloroethene	5.860	130	2647	0.413	ug/l	94
45) 1,2-Dichloropropane	6.114	63	3086	0.476	ug/l #	79
46) Dibromomethane	6.265	93	2521	0.513	ug/l #	85
47) Bromodichloromethane	6.442	83	5156	0.509	ug/l #	94
48) Methyl methacrylate	6.291	41	84	0.013	ug/l #	55
49) 1,4-Dioxane	6.275	88	87	0.791	ug/l #	1
51) 4-Methyl-2-Pentanone	7.166	43	15840	1.689	ug/l #	86
52) Toluene	7.326	92	7673	0.472	ug/l	82
53) t-1,3-Dichloropropene	7.622	75	4108	0.422	ug/l #	87
54) cis-1,3-Dichloropropene	6.985	75	4253	0.407	ug/l #	77
55) 1,1,2-Trichloroethane	7.773	97	1307	0.193	ug/l	90
56) Ethyl methacrylate	7.764	69	742	0.082	ug/l #	1
57) 1,3-Dichloropropane	7.960	76	4464	0.407	ug/l #	78
58) 2-Chloroethyl Vinyl ether	6.867	63	4283	0.950	ug/l #	80
59) 2-Hexanone	8.111	43	6053	0.870	ug/l	96
60) Dibromochloromethane	8.178	129	4158	0.530	ug/l	93
61) 1,2-Dibromoethane	8.294	107	3157	0.451	ug/l	96
64) Tetrachloroethene	7.905	164	3308	0.612	ug/l #	80
65) Chlorobenzene	8.812	112	10354	0.569	ug/l	90
66) 1,1,1,2-Tetrachloroethane	8.908	131	3081	0.485	ug/l #	57
67) Ethyl Benzene	8.953	91	13186	0.458	ug/l	99
68) m/p-Xylenes	9.079	106	9081	0.820	ug/l	93
69) o-Xylene	9.484	106	4619	0.456	ug/l	83
70) Styrene	9.519	104	5116	0.286	ug/l #	78
71) Bromoform	9.673	173	3037	0.591	ug/l #	99
73) Isopropylbenzene	9.863	105	11738	0.469	ug/l	96
74) N-amyl acetate	9.763	43	2566	0.249	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	10.175	83	5759	0.584	ug/l	91
76) 1,2,3-Trichloropropane	10.001	75	166120	23.677	ug/l #	55
77) Bromobenzene	10.159	156	4030	0.649	ug/l	80
78) n-propylbenzene	10.291	91	13894	0.470	ug/l	99
79) 2-Chlorotoluene	10.355	91	9266	0.509	ug/l	94
80) 1,3,5-Trimethylbenzene	10.474	105	8840	0.430	ug/l	91
81) trans-1,4-Dichloro-2-b...	10.001	75	166120	52.071	ug/l #	14
82) 4-Chlorotoluene	10.484	91	8788	0.424	ug/l	91
83) tert-Butylbenzene	10.796	119	9853	0.471	ug/l	95
84) 1,2,4-Trimethylbenzene	10.850	105	8720	0.433	ug/l	97
85) sec-Butylbenzene	11.017	105	13024	0.474	ug/l	98
86) p-Isopropyltoluene	11.175	119	10993	0.479	ug/l	91
87) 1,3-Dichlorobenzene	11.124	146	7101	0.572	ug/l	95
88) 1,4-Dichlorobenzene	11.124	146	7101	0.531	ug/l	97
89) n-Butylbenzene	11.596	91	7735	0.350	ug/l	85
90) Hexachloroethane	11.818	117	3083	0.602	ug/l	100
91) 1,2-Dichlorobenzene	11.580	146	7121	0.592	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	12.374	75	1201	0.560	ug/l	75
93) 1,2,4-Trichlorobenzene	13.197	180	1748	0.251	ug/l #	26
94) Hexachlorobutadiene	13.371	225	2626	0.806	ug/l	80
95) Naphthalene	13.442	128	10427	0.431	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.680	180	3492	0.494	ug/l	93

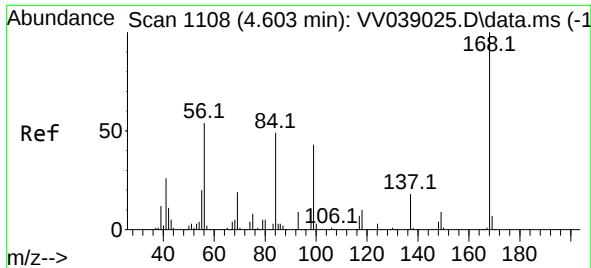
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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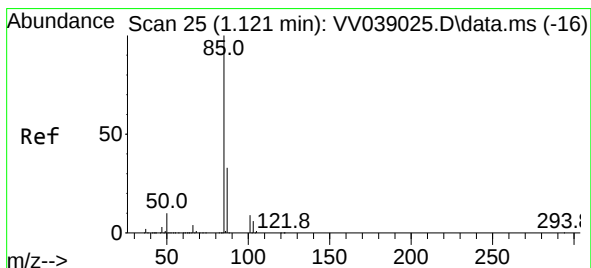
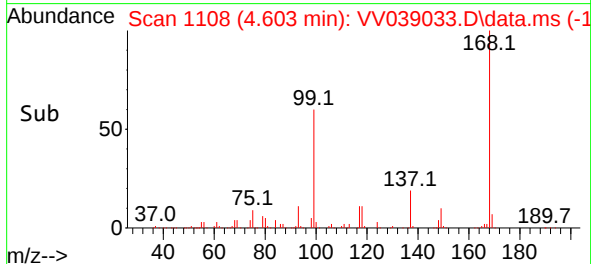
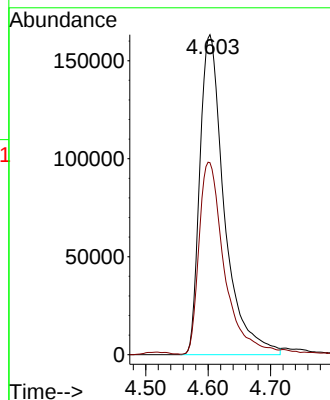
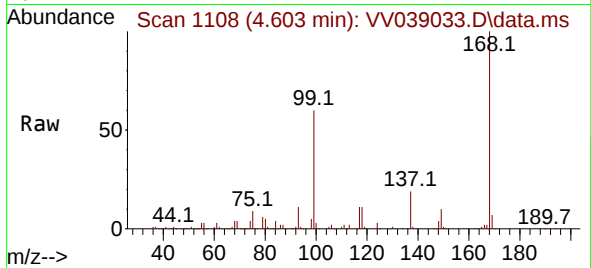
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

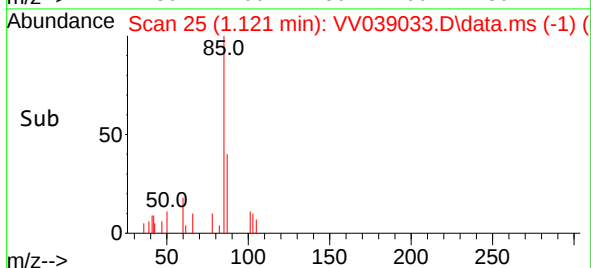
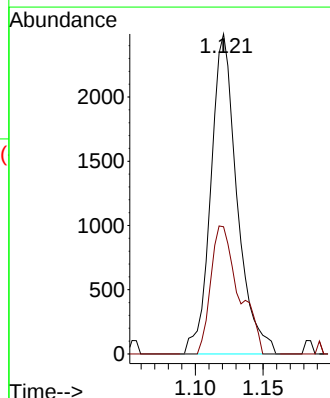
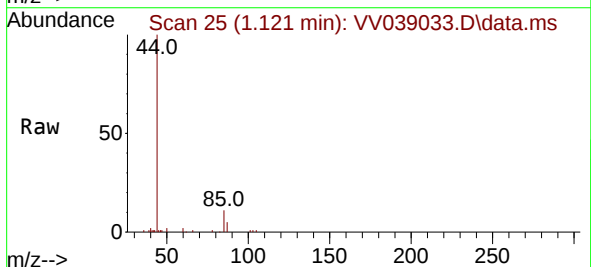
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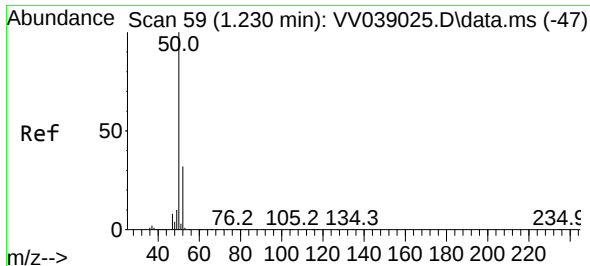
Tgt Ion:168 Resp: 446332
Ion Ratio Lower Upper
168 100
99 59.8 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 0.560 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 85 Resp: 3350
Ion Ratio Lower Upper
85 100
87 39.7 16.6 49.8

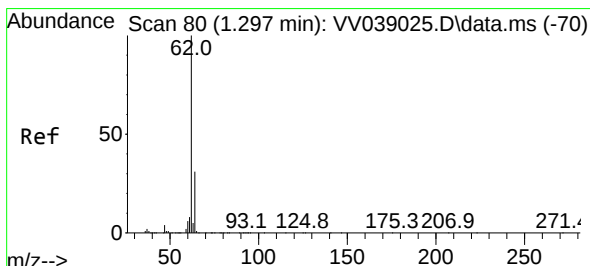
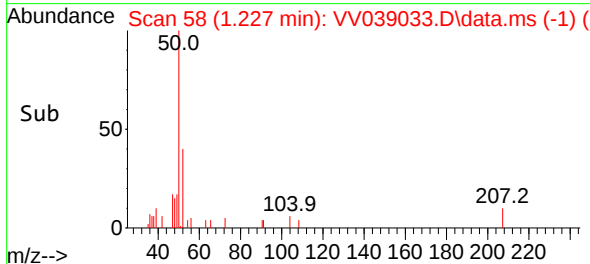
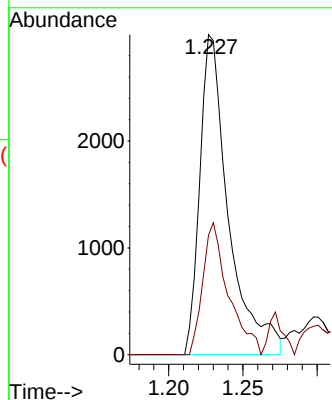
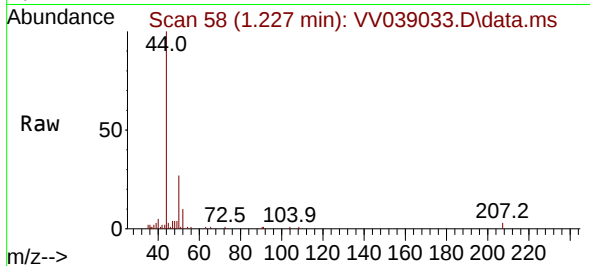




#3
Chloromethane
Concen: 0.633 ug/l
RT: 1.227 min Scan# 59
Delta R.T. -0.003 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

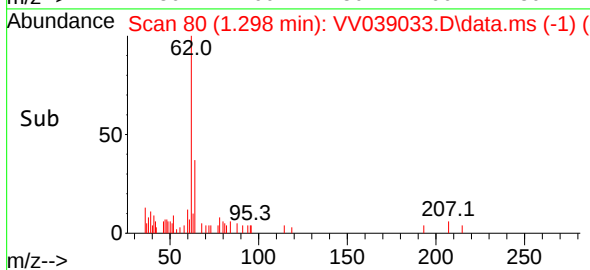
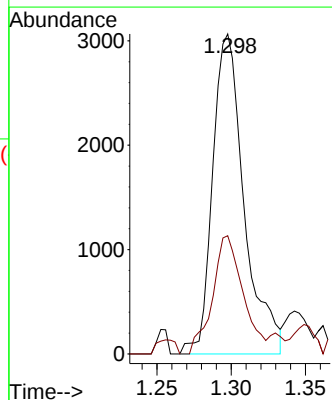
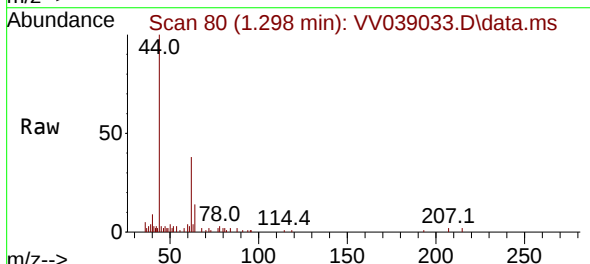
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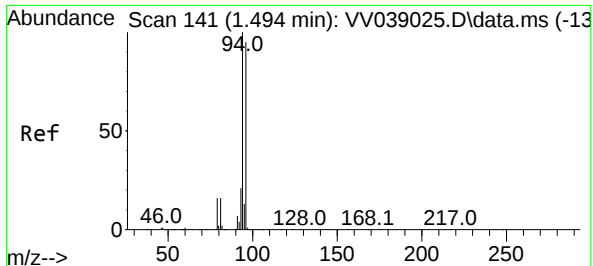
Tgt Ion: 50 Resp: 4034
Ion Ratio Lower Upper
50 100
52 37.4 25.6 38.4



#4
Vinyl Chloride
Concen: 0.610 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 62 Resp: 4528
Ion Ratio Lower Upper
62 100
64 37.0 24.7 37.1

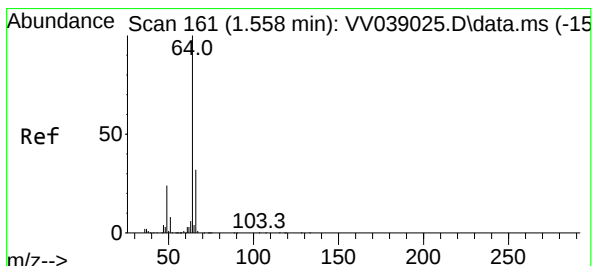
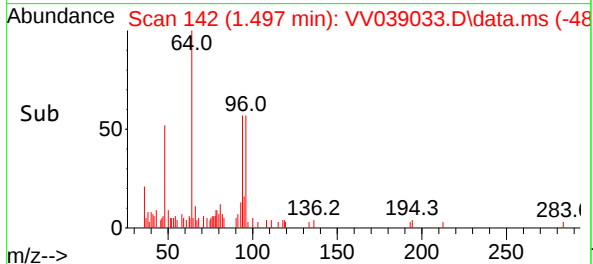
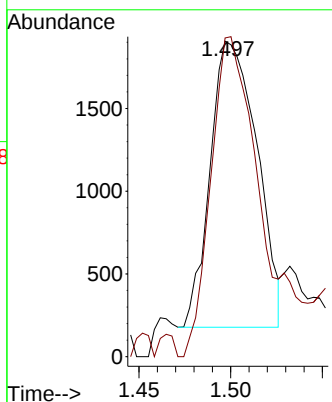
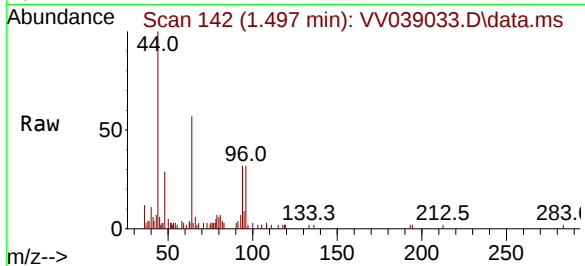




#5
Bromomethane
Concen: 0.820 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

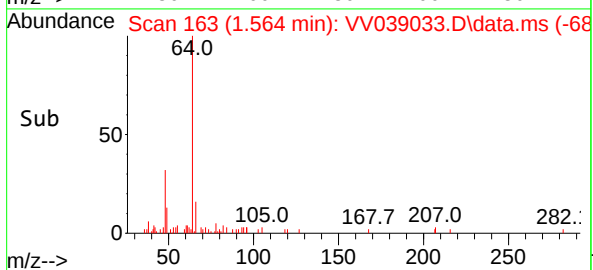
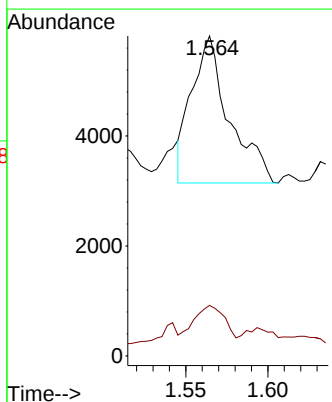
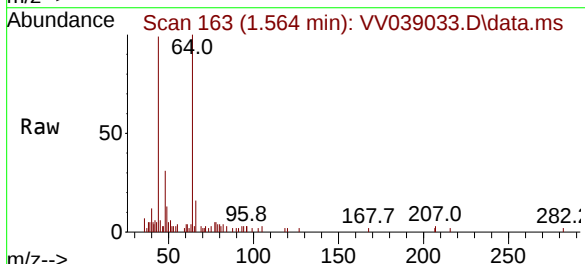
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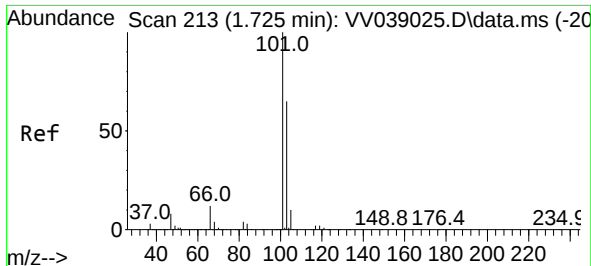
Tgt Ion: 94 Resp: 3060
Ion Ratio Lower Upper
94 100
96 111.4 76.2 114.2



#6
Chloroethane
Concen: 0.947 ug/l
RT: 1.564 min Scan# 163
Delta R.T. 0.007 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 64 Resp: 4259
Ion Ratio Lower Upper
64 100
66 21.9 25.4 38.2#

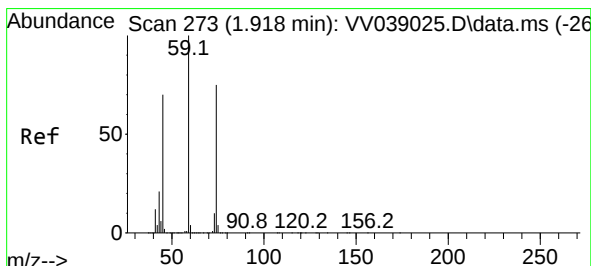
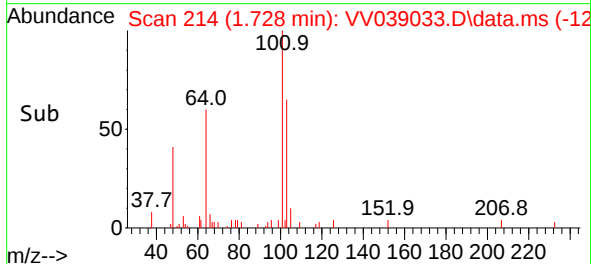
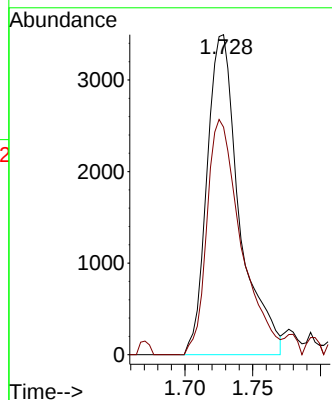
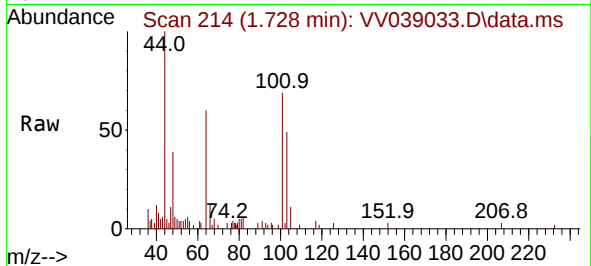




#7
 Trichlorofluoromethane
 Concen: 0.545 ug/l
 RT: 1.728 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

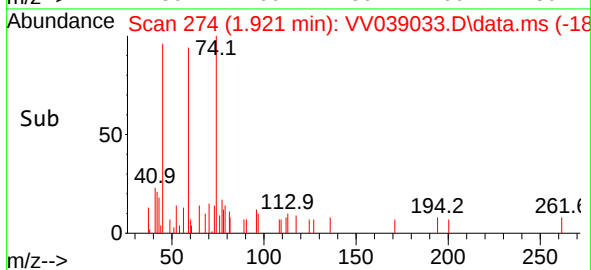
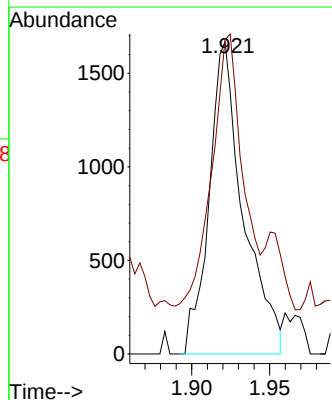
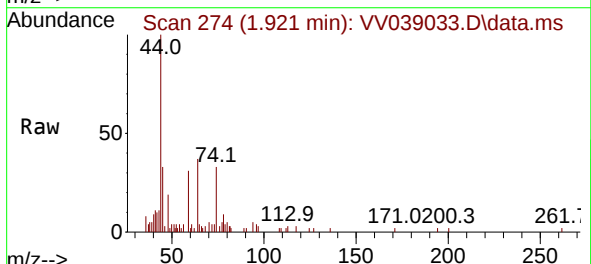
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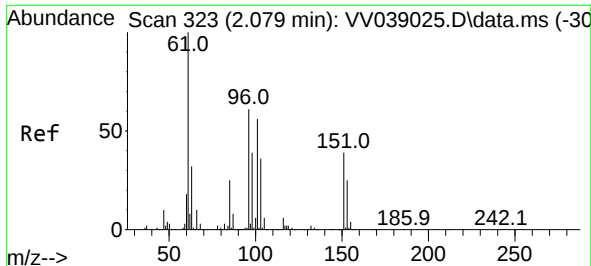
Tgt Ion:101 Resp: 5826
 Ion Ratio Lower Upper
 101 100
 103 71.1 51.7 77.5



#8
 Diethyl Ether
 Concen: 0.627 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.003 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

Tgt Ion: 74 Resp: 2543
 Ion Ratio Lower Upper
 74 100
 45 76.0 48.1 144.4

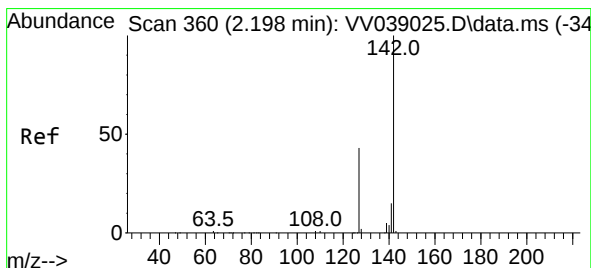
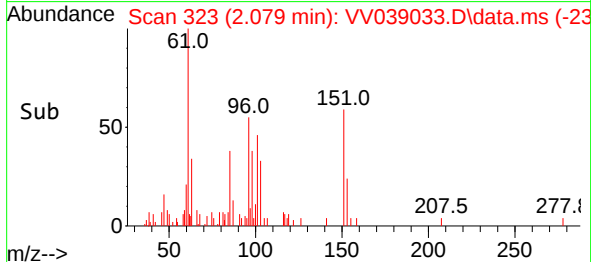
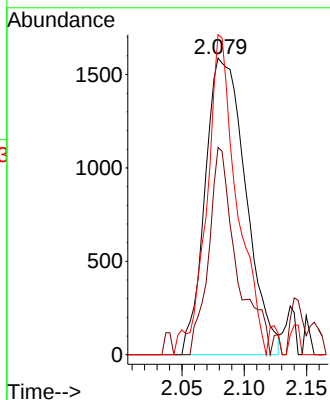
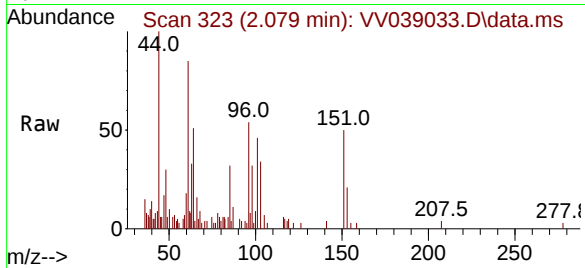




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.560 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039033.D
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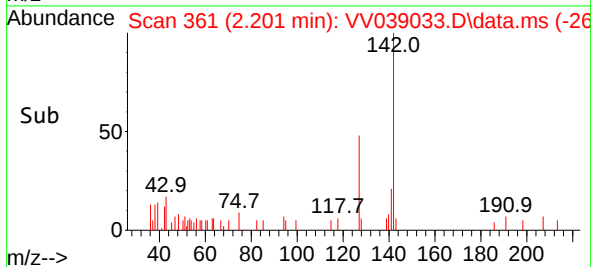
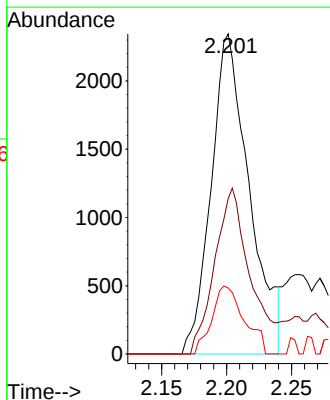
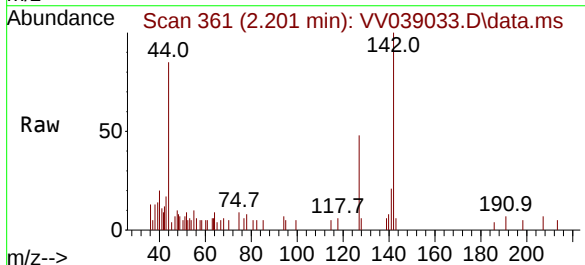
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

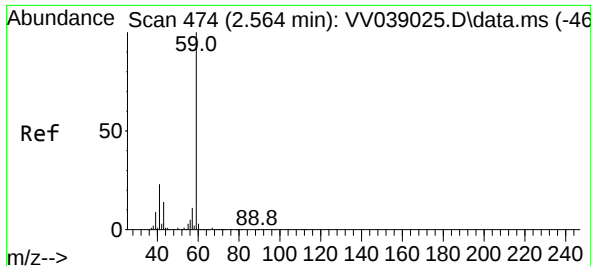
Tgt Ion:101 Resp: 3604
Ion Ratio Lower Upper
101 100
85 48.4 35.5 53.3
151 80.2 56.1 84.1



#10
Methyl Iodide
Concen: 1.010 ug/l
RT: 2.201 min Scan# 361
Delta R.T. 0.003 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion:142 Resp: 4782
Ion Ratio Lower Upper
142 100
127 48.2 35.7 53.5
141 18.0 11.6 17.4#

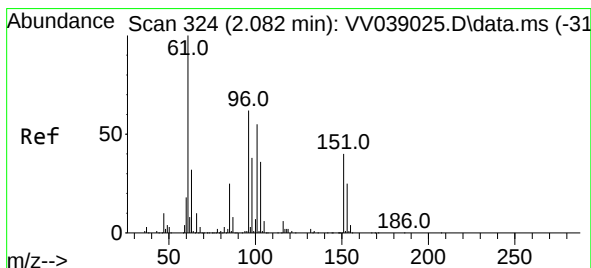
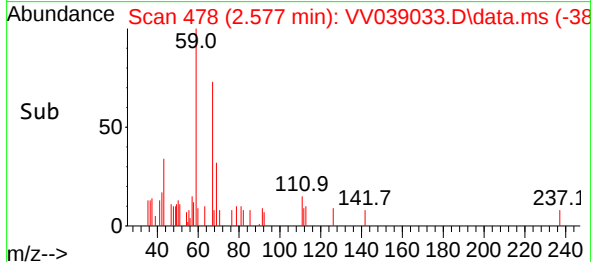
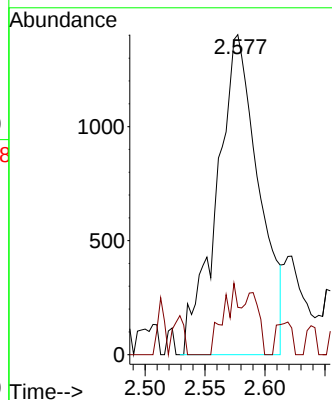
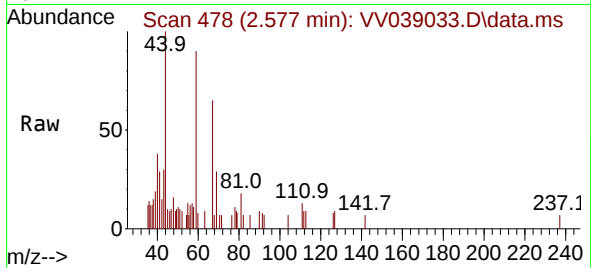




#11
Tert butyl alcohol
Concen: 2.968 ug/l
RT: 2.577 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

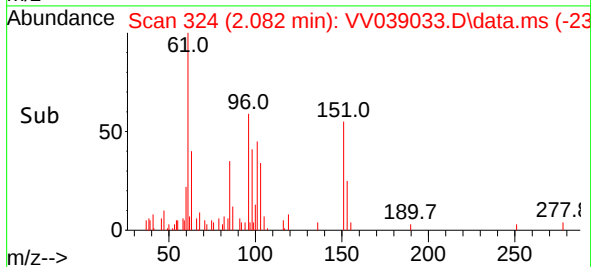
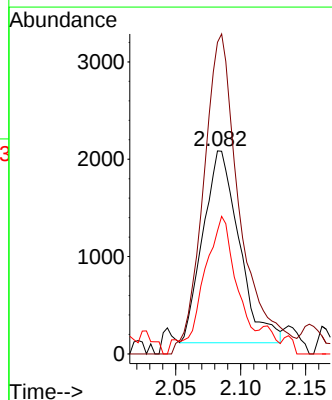
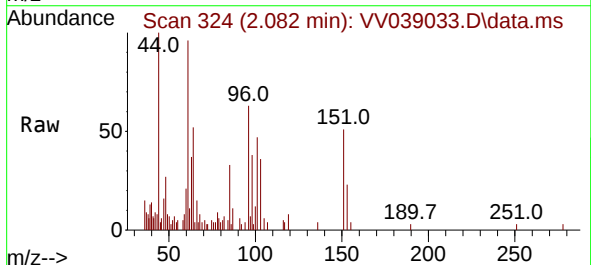
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

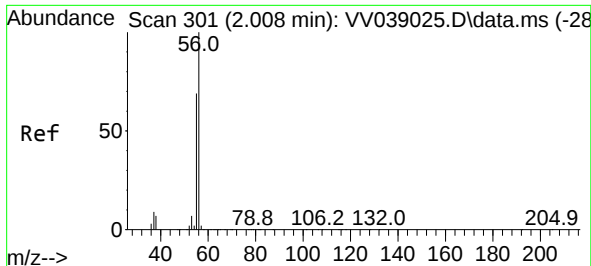
Tgt Ion: 59 Resp: 3430
Ion Ratio Lower Upper
59 100
57 8.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 0.619 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 96 Resp: 3819
Ion Ratio Lower Upper
96 100
61 155.4 128.2 192.2
98 58.7 49.3 73.9

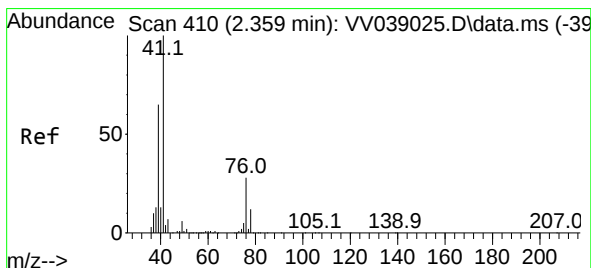
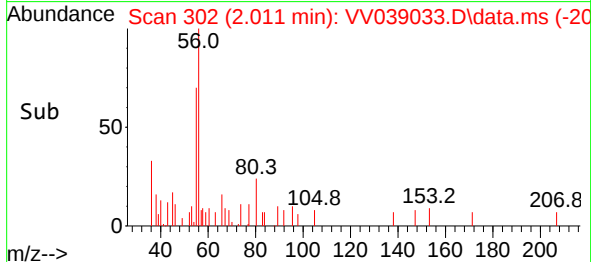
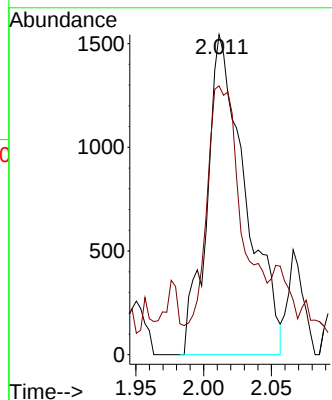
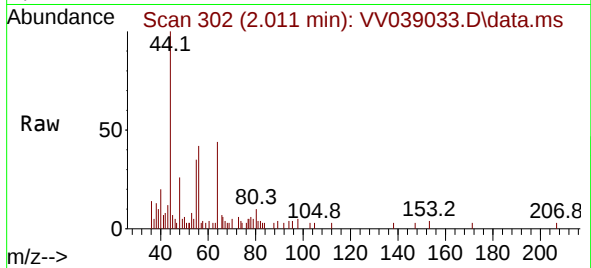




#13
Acrolein
Concen: 5.859 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

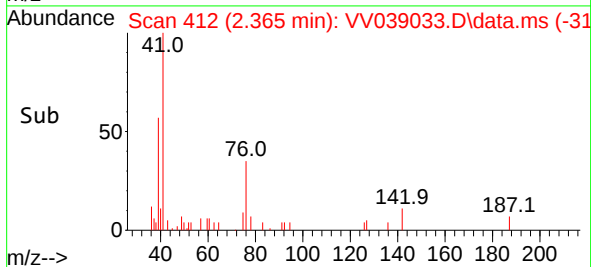
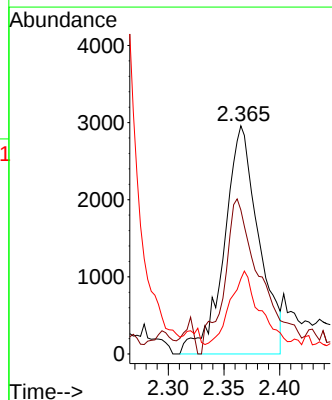
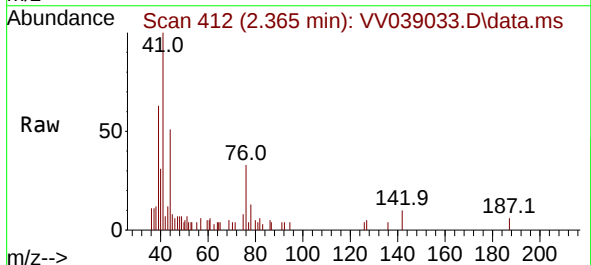
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

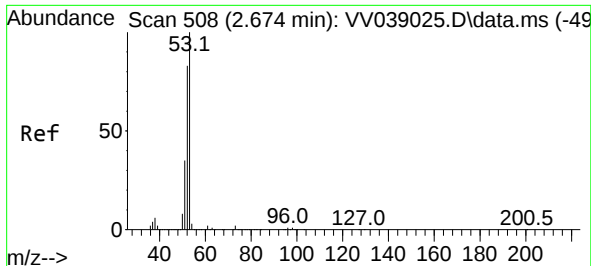
Tgt Ion: 56 Resp: 3057
Ion Ratio Lower Upper
56 100
55 65.0 54.7 82.1



#14
Allyl chloride
Concen: 0.655 ug/l
RT: 2.365 min Scan# 412
Delta R.T. 0.007 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 41 Resp: 6360
Ion Ratio Lower Upper
41 100
39 73.1 48.5 72.7#
76 27.2 29.0 43.6#

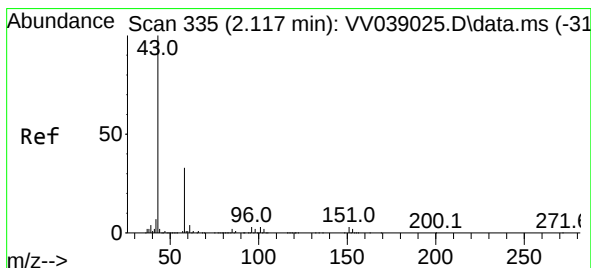
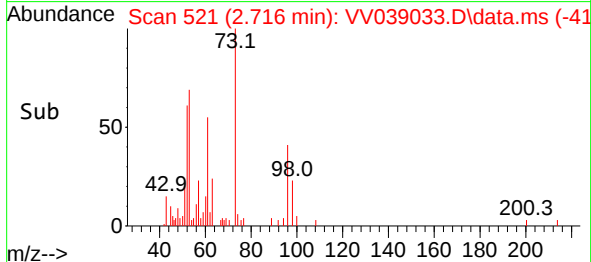
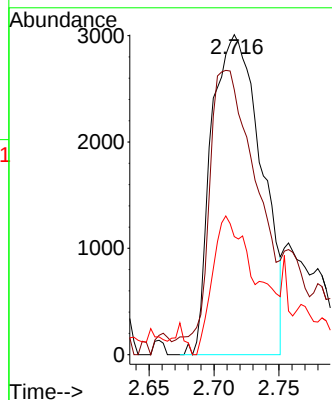
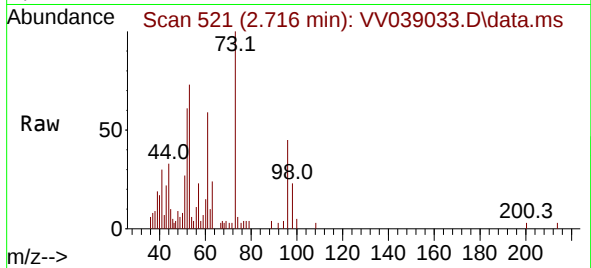




#15
Acrylonitrile
Concen: 2.336 ug/l
RT: 2.716 min Scan# 51
Delta R.T. 0.042 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

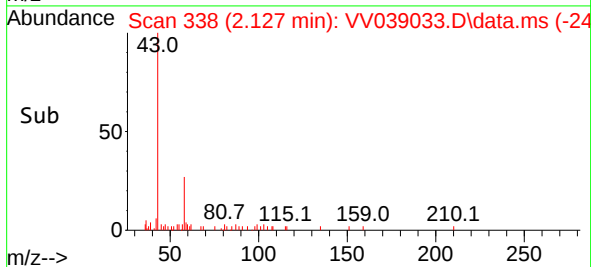
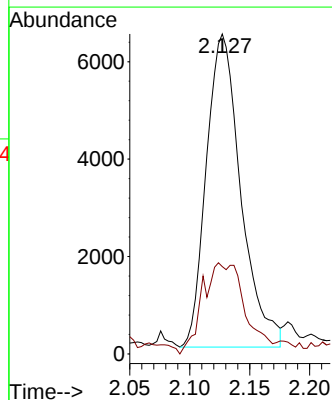
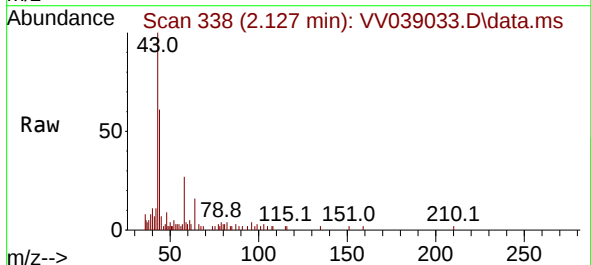
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

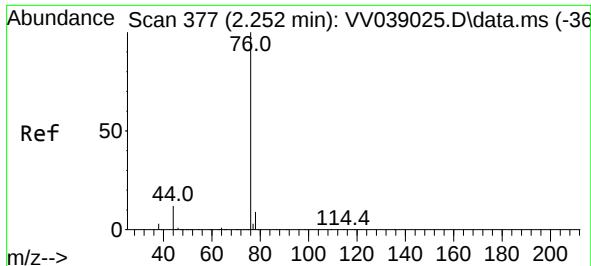
Tgt Ion: 53 Resp: 8050
Ion Ratio Lower Upper
53 100
52 77.9 65.9 98.9
51 37.4 27.9 41.9



#16
Acetone
Concen: 3.165 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.010 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 43 Resp: 12867
Ion Ratio Lower Upper
43 100
58 27.9 26.6 40.0

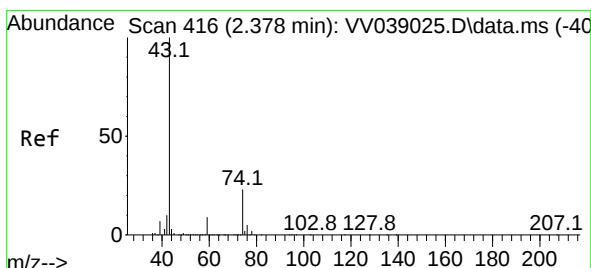
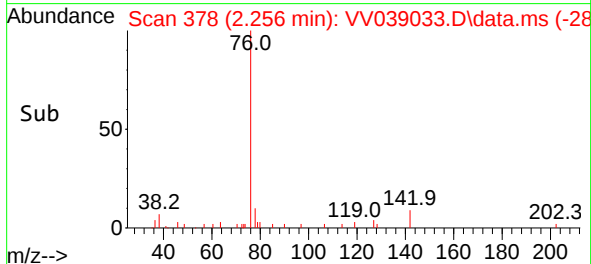
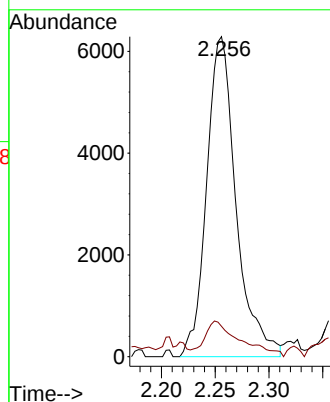
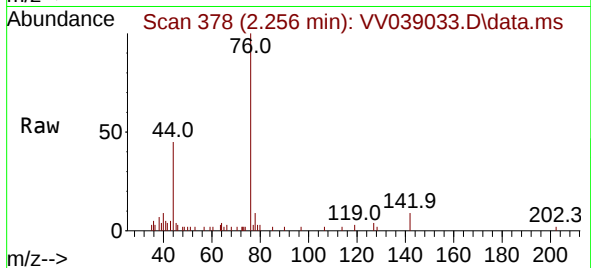




#17
Carbon Disulfide
Concen: 0.699 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

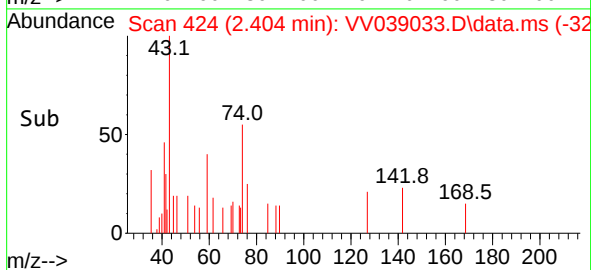
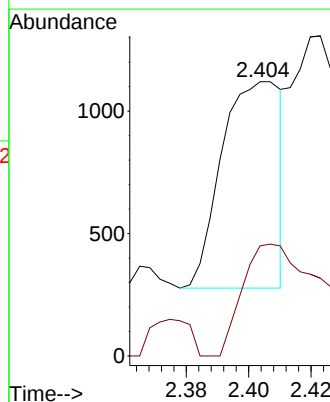
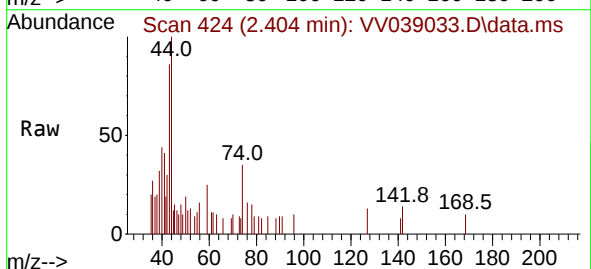
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

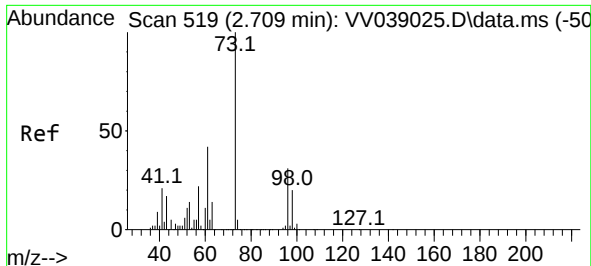
Tgt Ion: 76 Resp: 11971
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8



#18
Methyl Acetate
Concen: 0.137 ug/l
RT: 2.404 min Scan# 424
Delta R.T. 0.026 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 43 Resp: 1108
Ion Ratio Lower Upper
43 100
74 65.5 18.9 28.3#

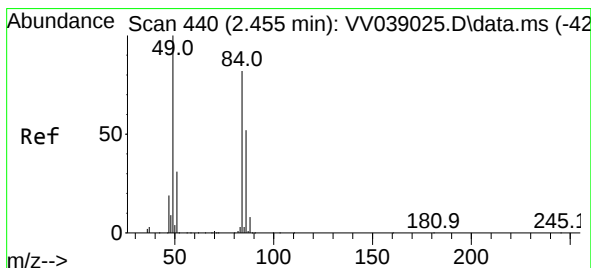
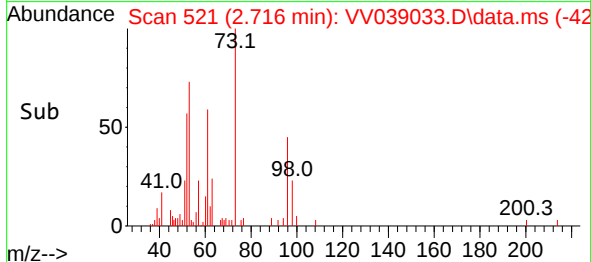
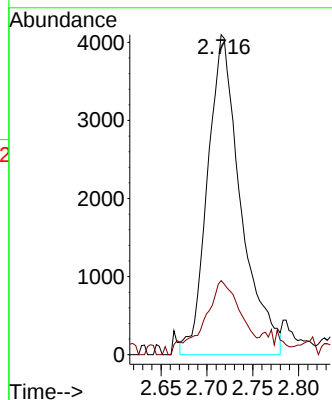
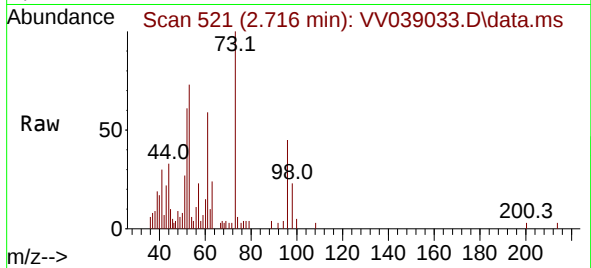




#19
Methyl tert-butyl Ether
Concen: 0.568 ug/l
RT: 2.716 min Scan# 519
Delta R.T. 0.007 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

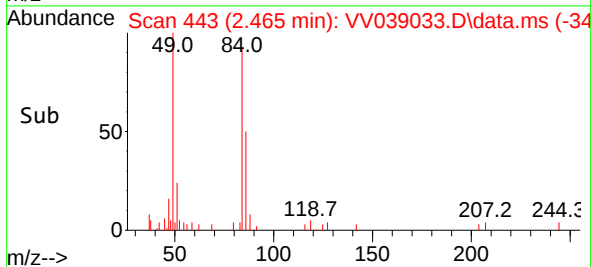
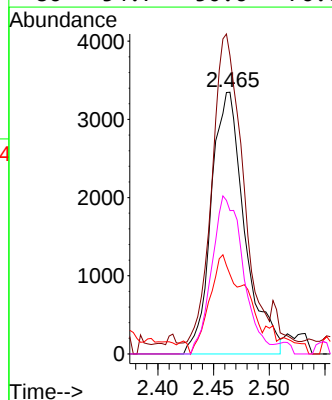
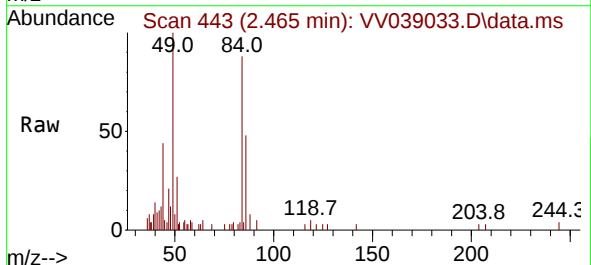
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

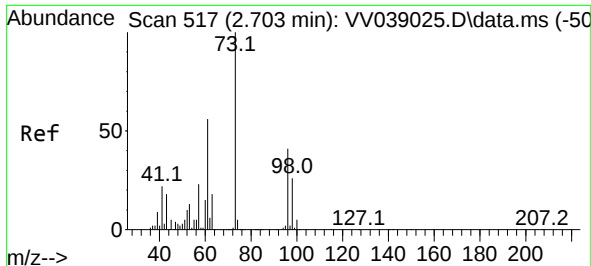
Tgt Ion: 73 Resp: 10327
Ion Ratio Lower Upper
73 100
57 20.0 17.9 26.9



#20
Methylene Chloride
Concen: 1.049 ug/l
RT: 2.465 min Scan# 443
Delta R.T. 0.010 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 84 Resp: 6966
Ion Ratio Lower Upper
84 100
49 109.8 97.8 146.8
51 26.0 30.3 45.5#
86 54.7 50.6 76.0

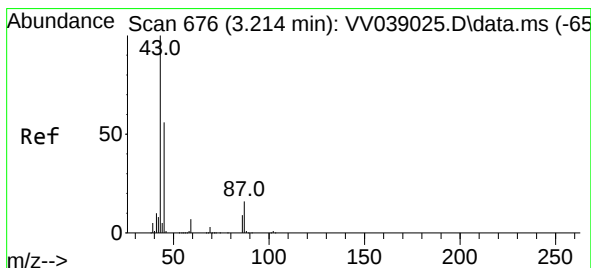
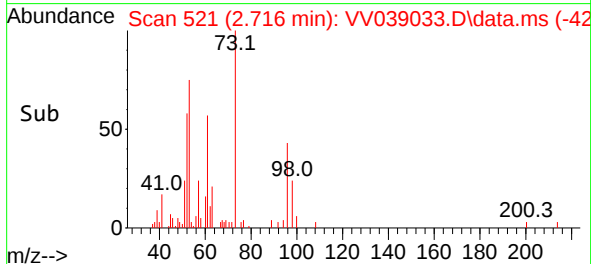
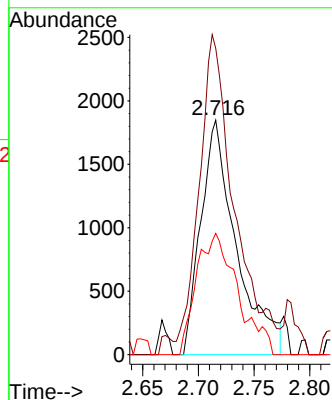
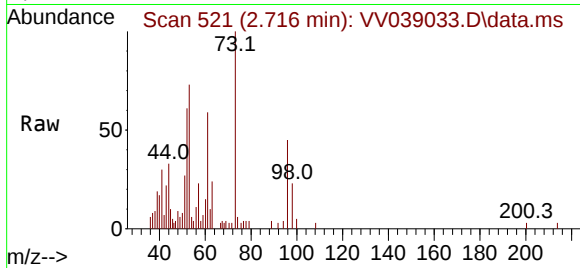




#21
trans-1,2-Dichloroethene
Concen: 0.664 ug/l
RT: 2.716 min Scan# 517
Delta R.T. 0.013 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

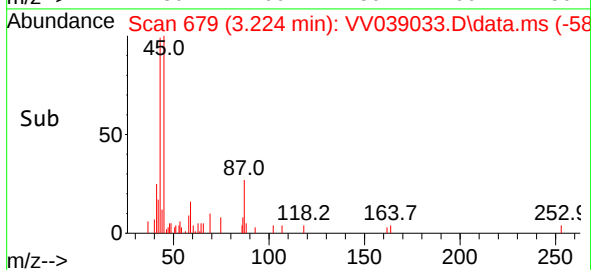
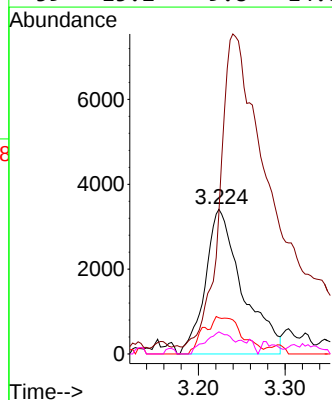
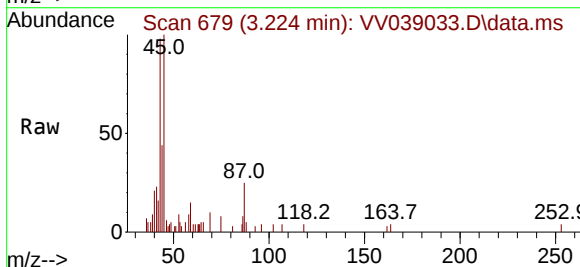
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

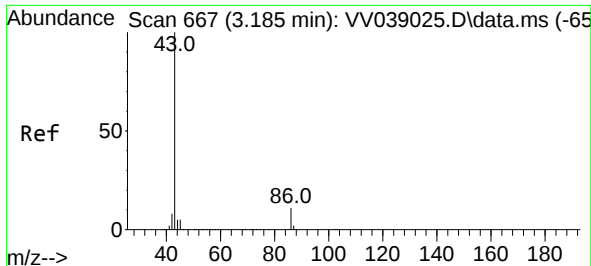
Tgt Ion: 96 Resp: 4102
Ion Ratio Lower Upper
96 100
61 120.5 110.1 165.1
98 51.7 50.2 75.4



#22
Diisopropyl ether
Concen: 0.572 ug/l
RT: 3.224 min Scan# 679
Delta R.T. 0.010 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 45 Resp: 10106
Ion Ratio Lower Upper
45 100
43 92.9 143.0 214.4#
87 25.0 23.8 35.6
59 15.2 9.8 14.8#

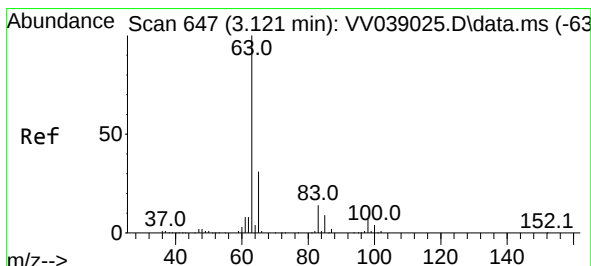
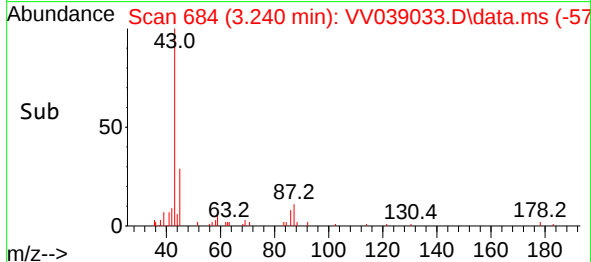
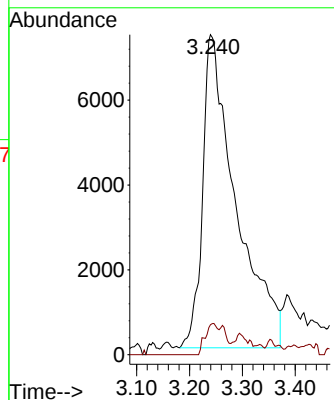
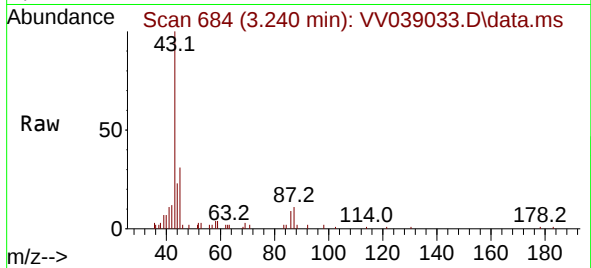




#23
 Vinyl Acetate
 Concen: 2.209 ug/l
 RT: 3.240 min Scan# 61
 Delta R.T. 0.055 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

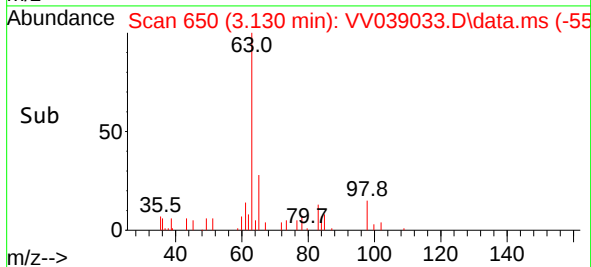
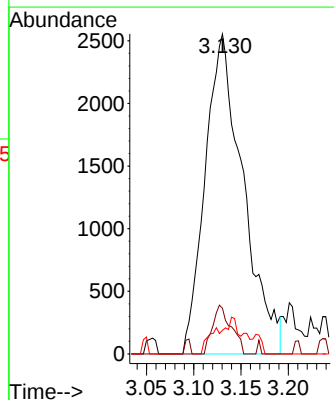
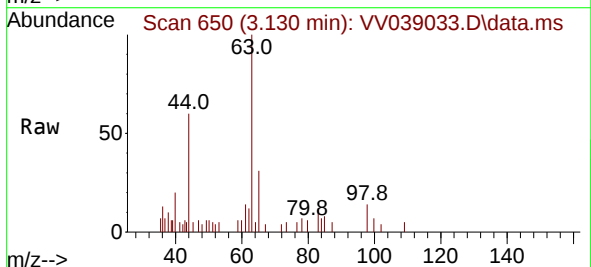
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

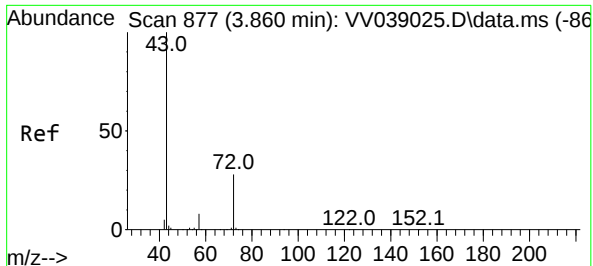
Tgt Ion: 43 Resp: 32349
 Ion Ratio Lower Upper
 43 100
 86 9.6 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 0.643 ug/l
 RT: 3.130 min Scan# 650
 Delta R.T. 0.010 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

Tgt Ion: 63 Resp: 7117
 Ion Ratio Lower Upper
 63 100
 98 14.3 3.6 10.9#
 100 7.4 2.2 6.6#

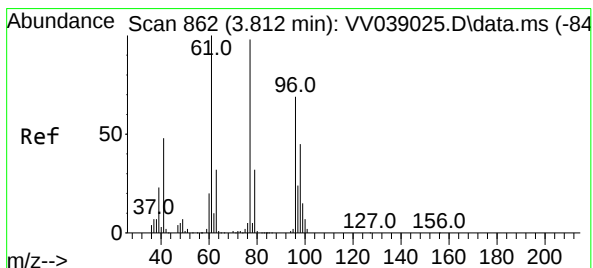
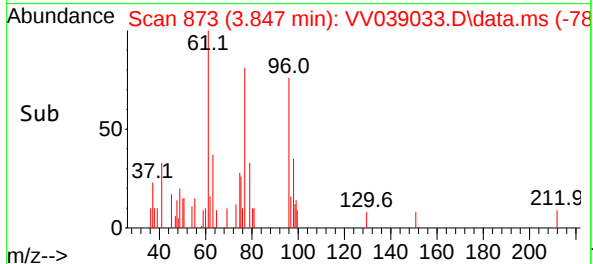
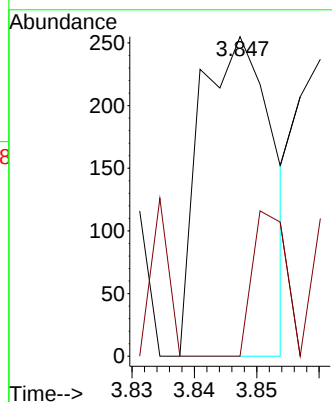
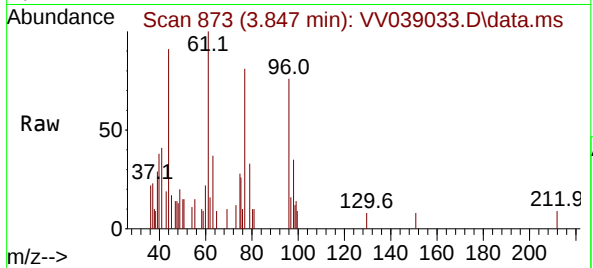




#25
2-Butanone
Concen: 0.046 ug/l
RT: 3.847 min Scan# 81
Delta R.T. -0.013 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

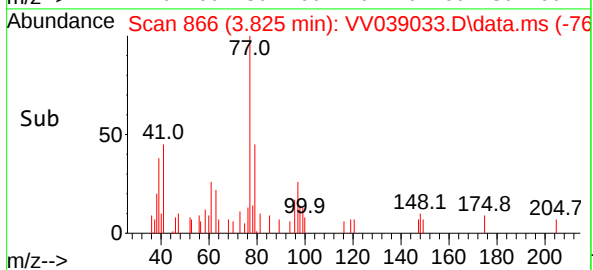
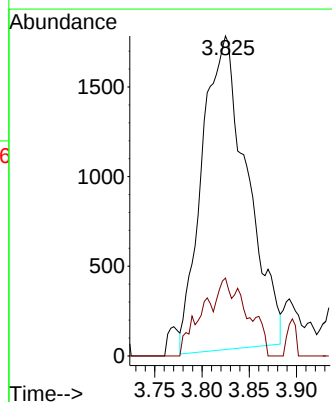
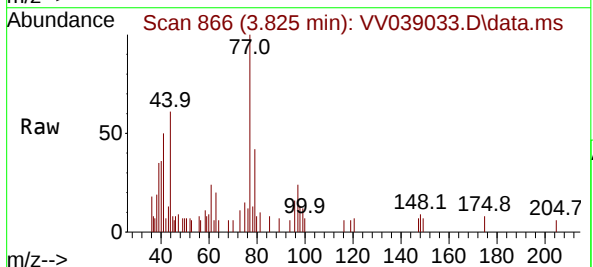
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

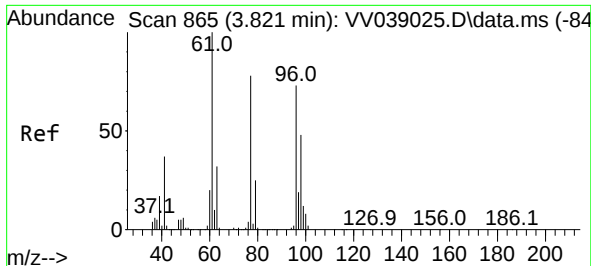
Tgt Ion: 43 Resp: 206
Ion Ratio Lower Upper
43 100
72 0.0 22.6 33.8#



#26
2,2-Dichloropropane
Concen: 0.611 ug/l
RT: 3.825 min Scan# 866
Delta R.T. 0.013 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 77 Resp: 5813
Ion Ratio Lower Upper
77 100
97 2.8 11.8 35.4#





#27

cis-1,2-Dichloroethene

Concen: 0.551 ug/l

RT: 3.854 min Scan# 81

Delta R.T. 0.032 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

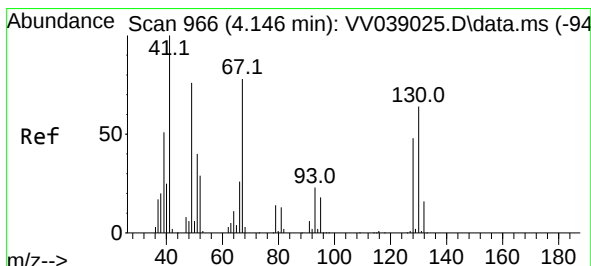
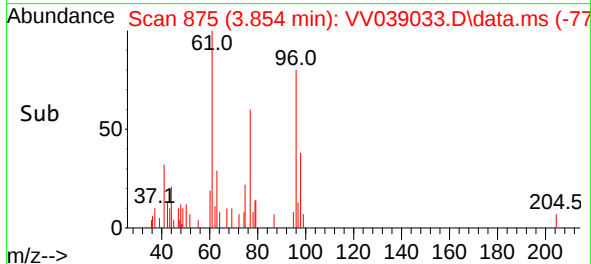
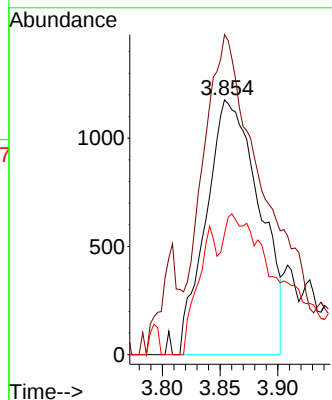
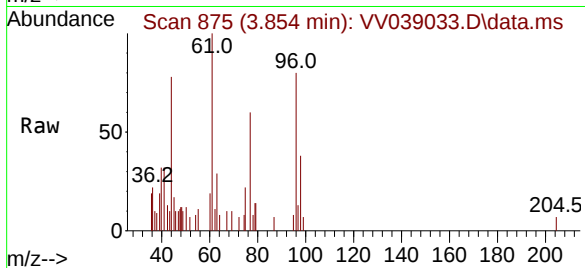
Tgt Ion: 96 Resp: 3772

Ion Ratio Lower Upper

96 100

61 121.6 0.0 280.8

98 41.2 0.0 130.2



#28

Bromochloromethane

Concen: 0.668 ug/l

RT: 4.178 min Scan# 976

Delta R.T. 0.032 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

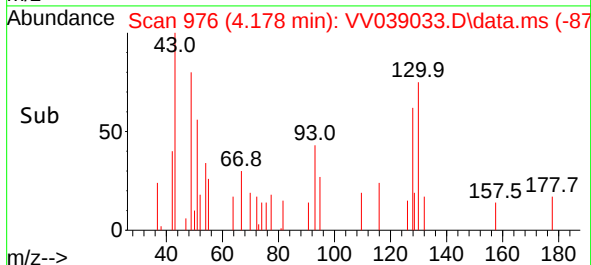
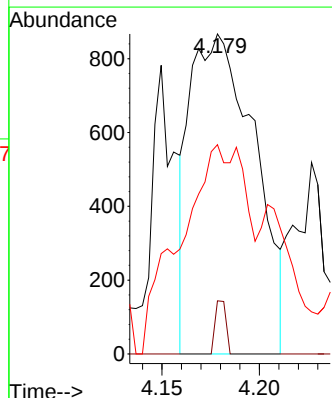
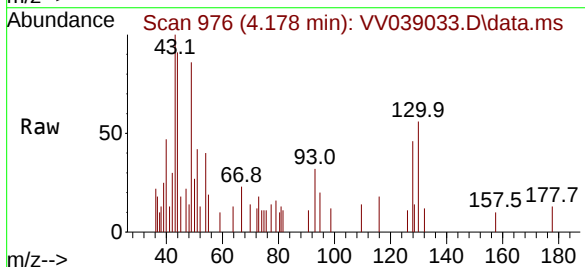
Tgt Ion: 49 Resp: 2002

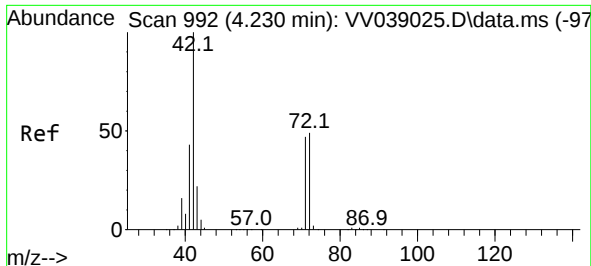
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.4

130 67.3 64.9 97.3

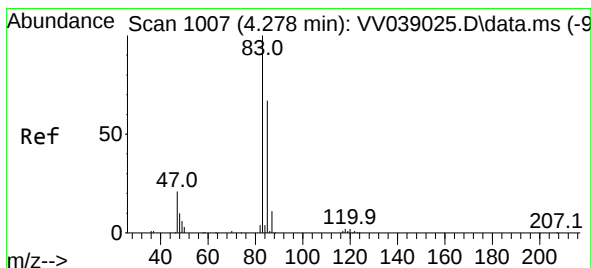
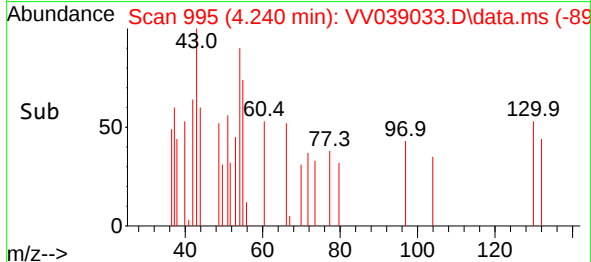
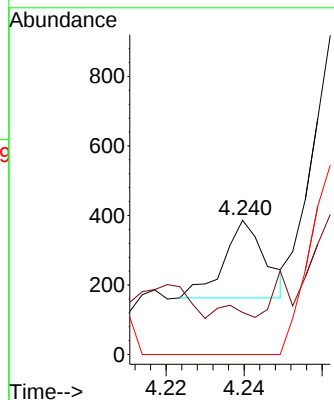
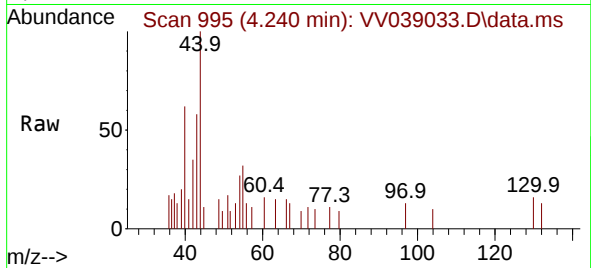




#29
Tetrahydrofuran
Concen: 0.059 ug/l
RT: 4.240 min Scan# 992
Delta R.T. 0.010 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

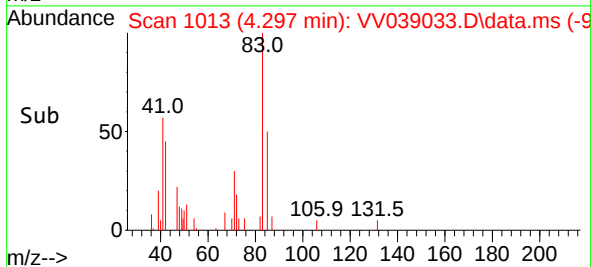
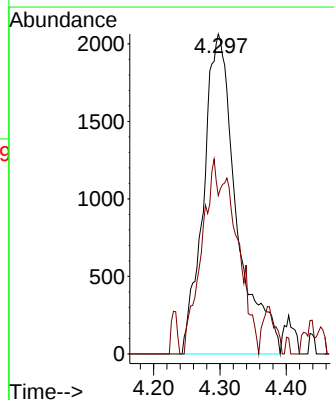
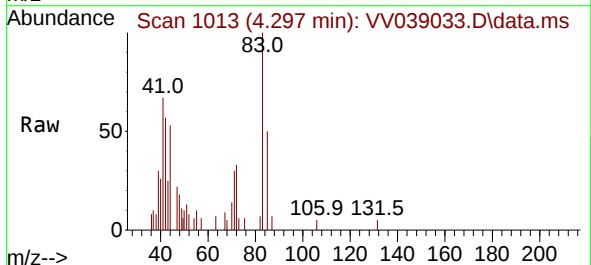
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

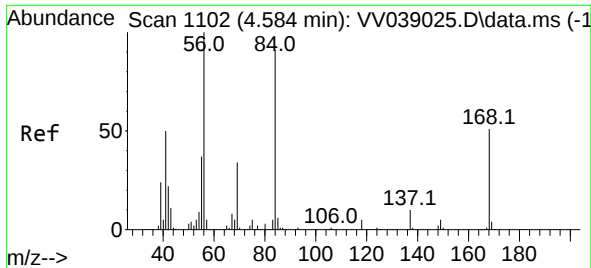
Tgt Ion: 42 Resp: 165
Ion Ratio Lower Upper
42 100
72 0.0 39.0 58.4#
71 0.0 37.0 55.6#



#30
Chloroform
Concen: 0.620 ug/l
RT: 4.297 min Scan# 1013
Delta R.T. 0.019 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 83 Resp: 7131
Ion Ratio Lower Upper
83 100
85 49.5 53.2 79.8#

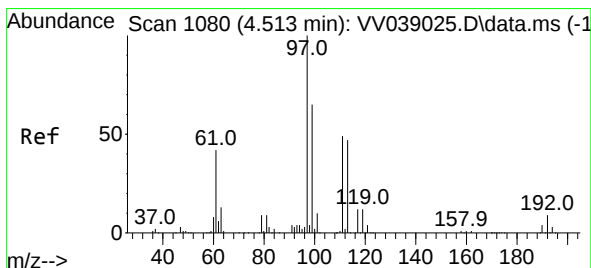
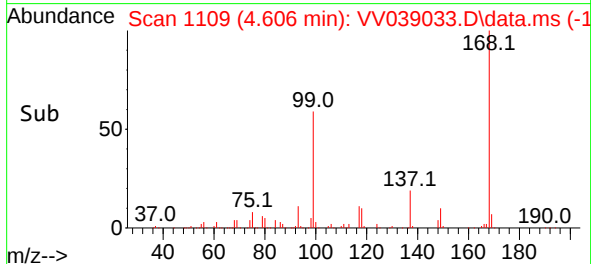
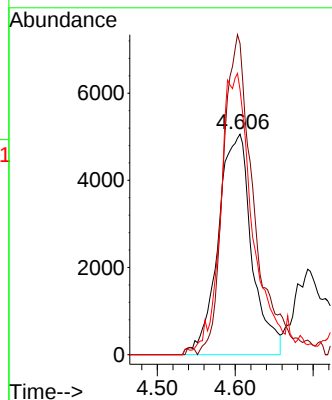
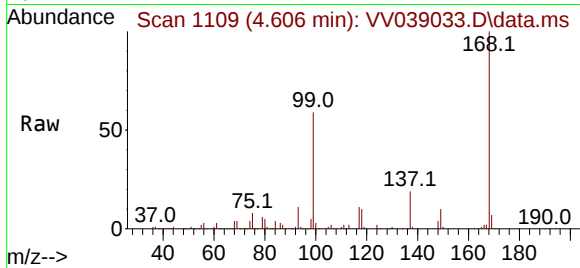




#31
Cyclohexane
Concen: 1.547 ug/l
RT: 4.606 min Scan# 1109
Delta R.T. 0.023 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

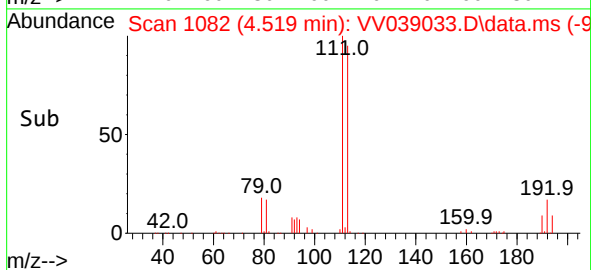
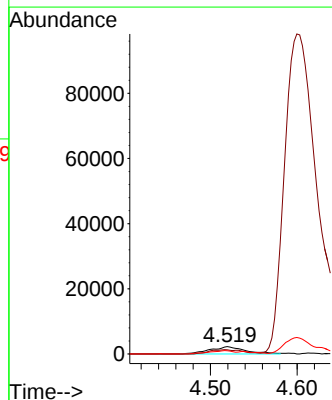
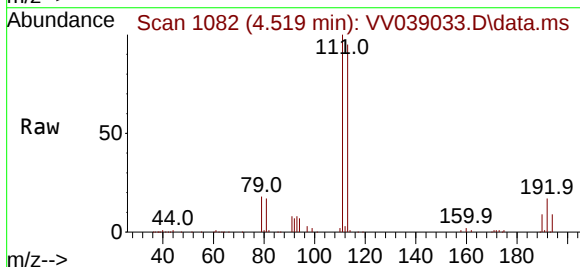
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

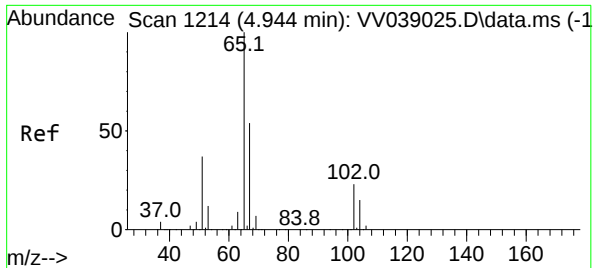
Tgt Ion: 56 Resp: 15144
Ion Ratio Lower Upper
56 100
69 141.1 27.0 40.4#
84 120.1 72.9 109.3#



#32
1,1,1-Trichloroethane
Concen: 0.632 ug/l
RT: 4.519 min Scan# 1082
Delta R.T. 0.007 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 97 Resp: 6406
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.6#
61 30.3 33.3 49.9#

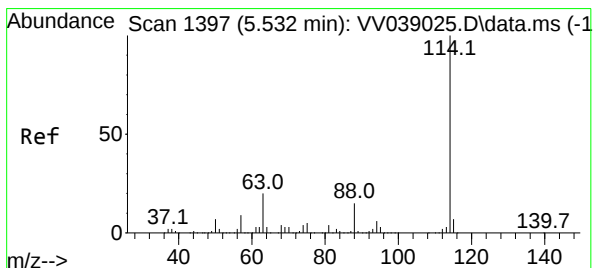
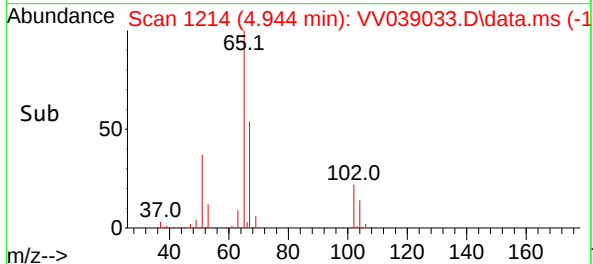
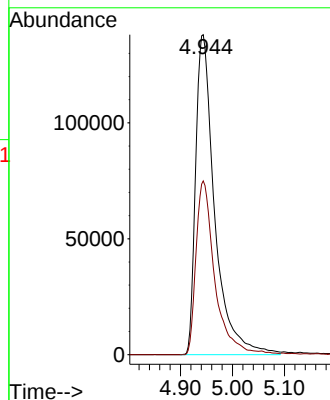
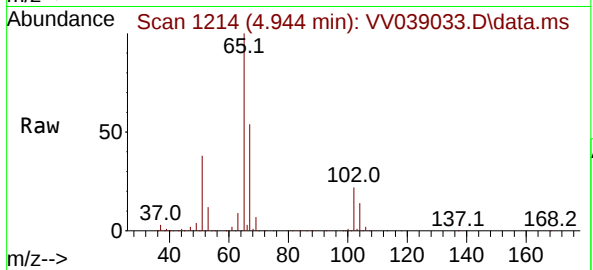




#33
 1,2-Dichloroethane-d4
 Concen: 54.579 ug/l
 RT: 4.944 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

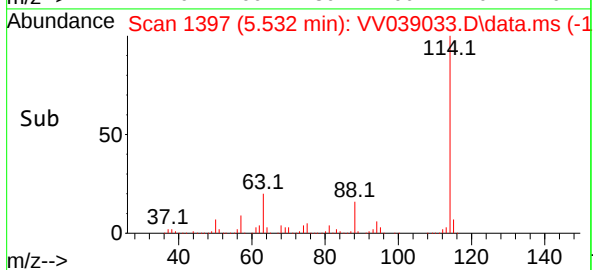
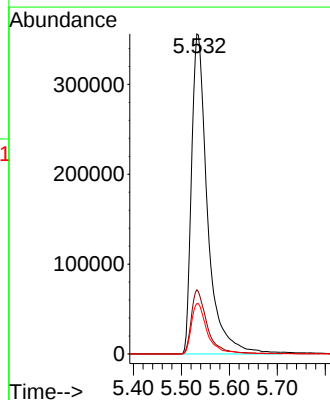
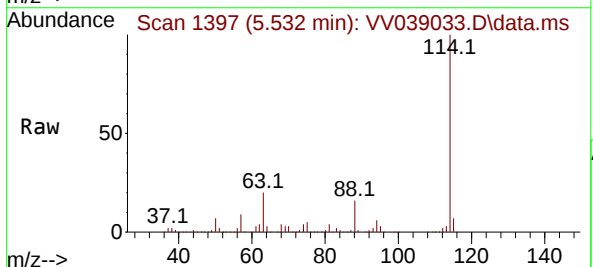
Instrument : MSVOA_V
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025

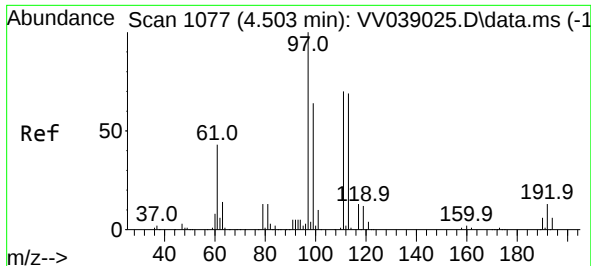
Tgt Ion: 65 Resp: 351354
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.532 min Scan# 1397
 Delta R.T. 0.000 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

Tgt Ion: 114 Resp: 824725
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 15.7 0.0 30.6

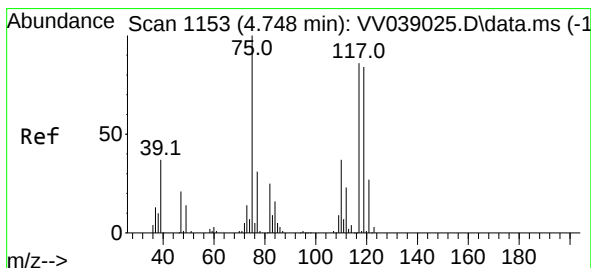
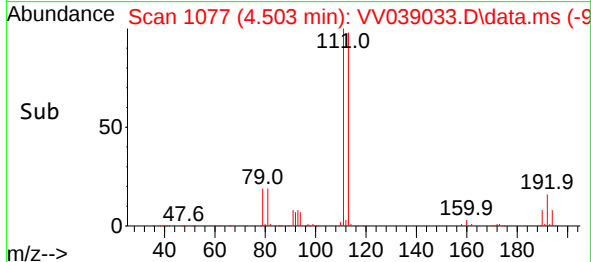
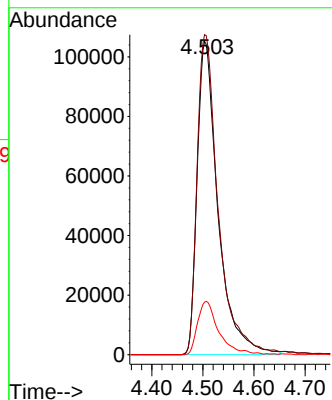
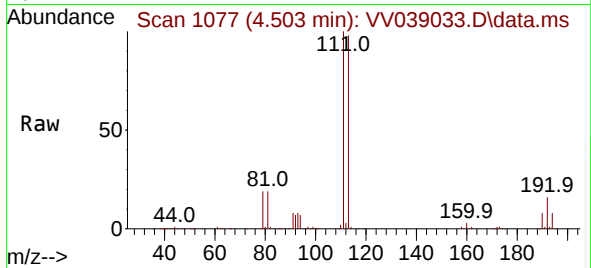




#35
 Dibromofluoromethane
 Concen: 50.203 ug/l
 RT: 4.503 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

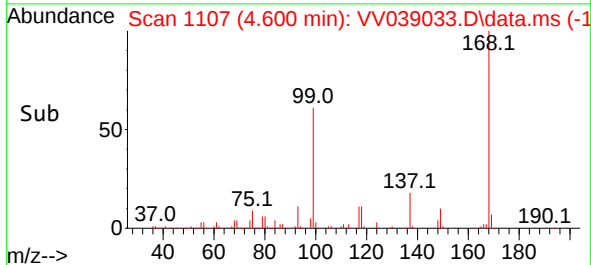
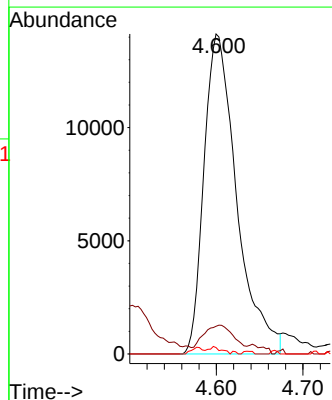
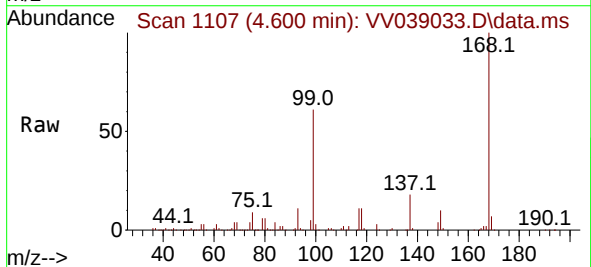
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

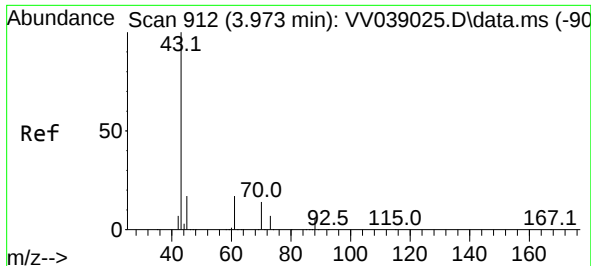
Tgt Ion:113 Resp: 298173
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 16.6 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.652 ug/l
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.148 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

Tgt Ion: 75 Resp: 37130
 Ion Ratio Lower Upper
 75 100
 110 6.2 18.6 55.8#
 77 0.9 24.6 36.8#

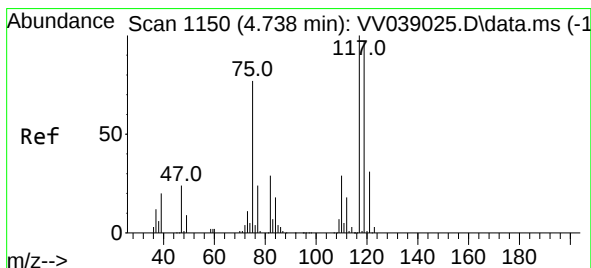
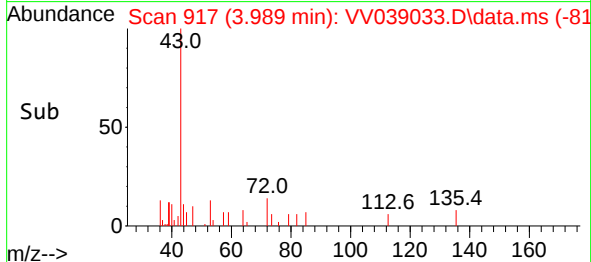
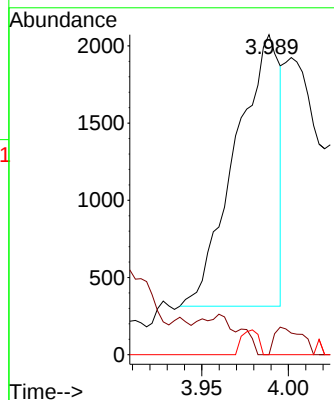
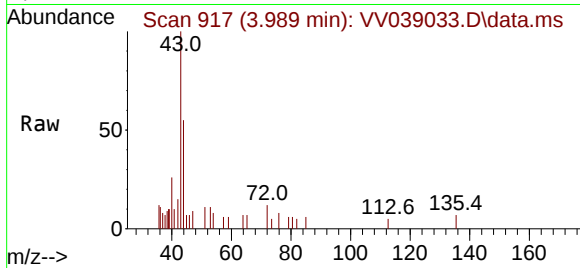




#37
Ethyl Acetate
Concen: 0.334 ug/l
RT: 3.989 min Scan# 912
Delta R.T. 0.016 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

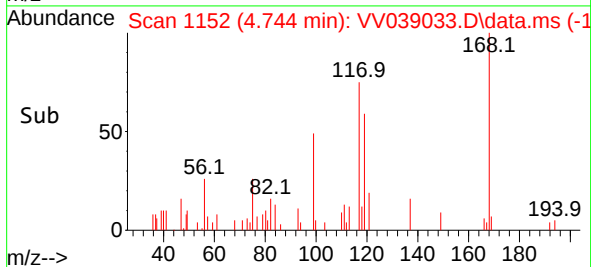
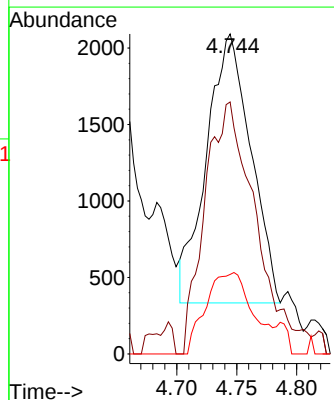
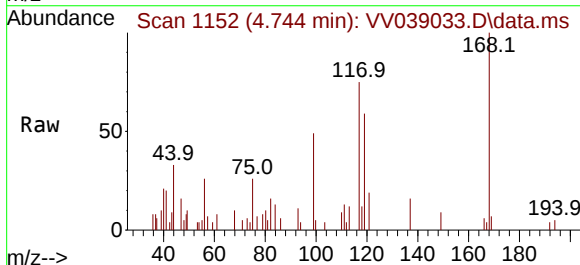
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

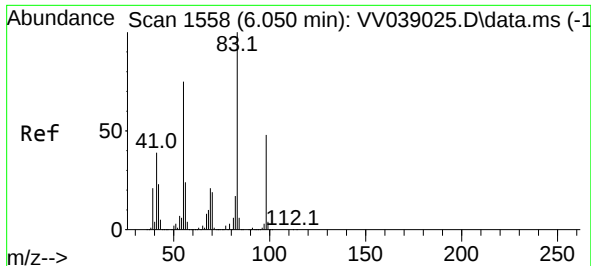
Tgt Ion: 43 Resp: 3127
Ion Ratio Lower Upper
43 100
61 6.1 10.6 16.0#
70 3.5 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 0.473 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.007 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 117 Resp: 4524
Ion Ratio Lower Upper
117 100
119 93.6 77.8 116.6
121 29.6 24.9 37.3

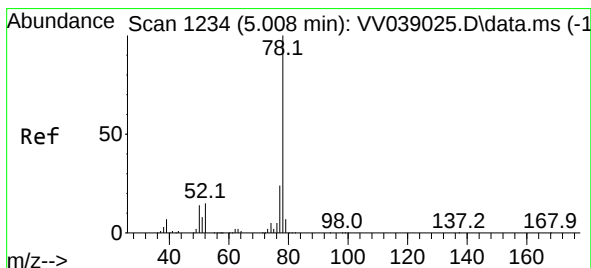
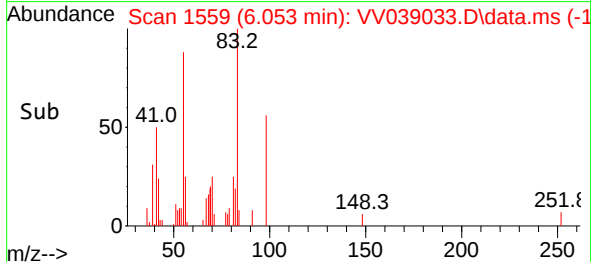
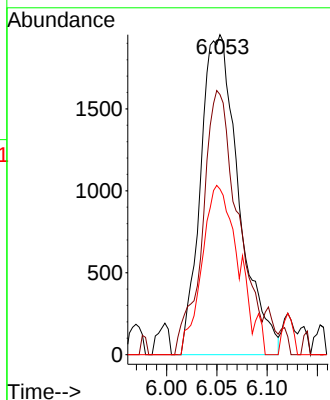
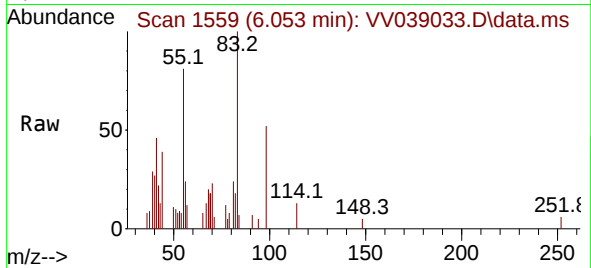




#39
Methylcyclohexane
Concen: 0.505 ug/l
RT: 6.053 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

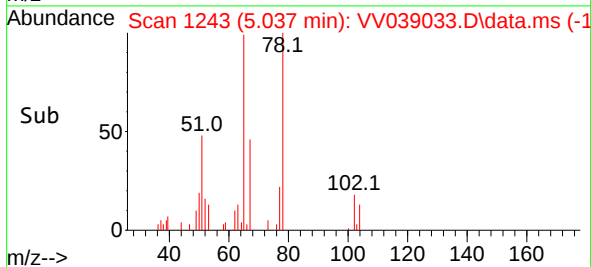
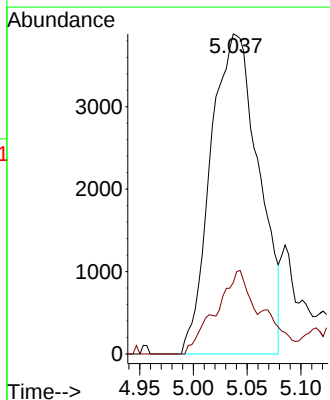
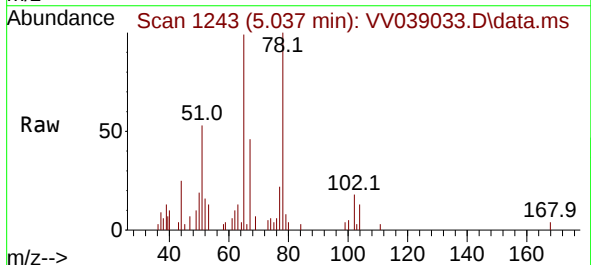
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

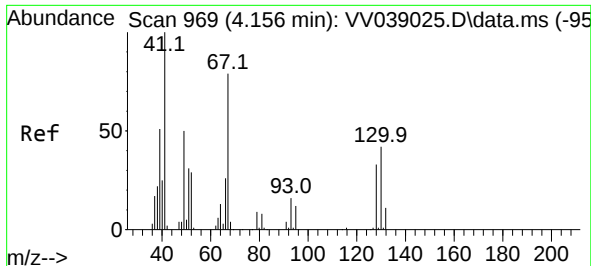
Tgt Ion:	83	Resp:	5171
Ion	Ratio	Lower	Upper
83	100		
55	75.9	59.8	89.6
98	51.8	38.2	57.2



#40
Benzene
Concen: 0.473 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.029 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion:	78	Resp:	12065
Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.1	28.7

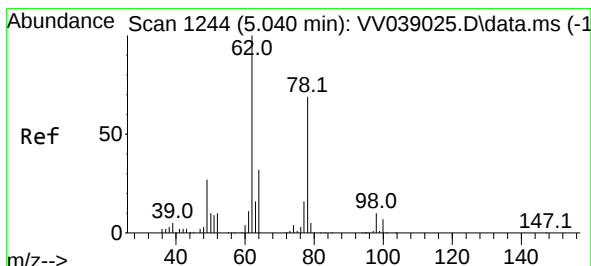
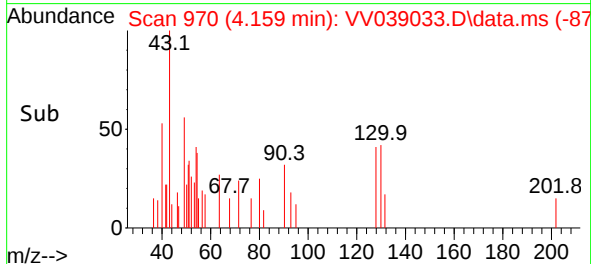
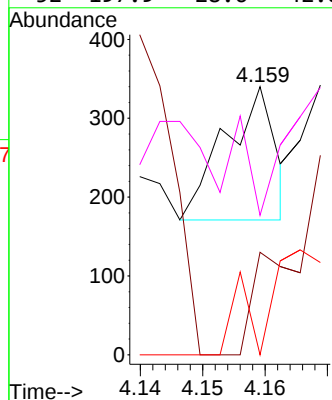
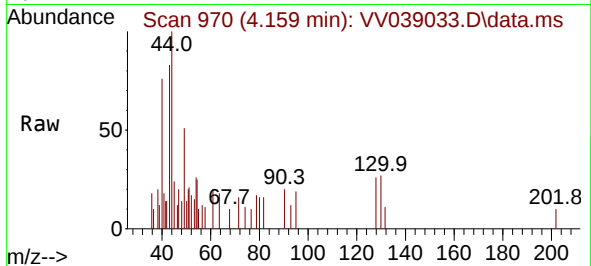




#41
Methacrylonitrile
Concen: 0.032 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

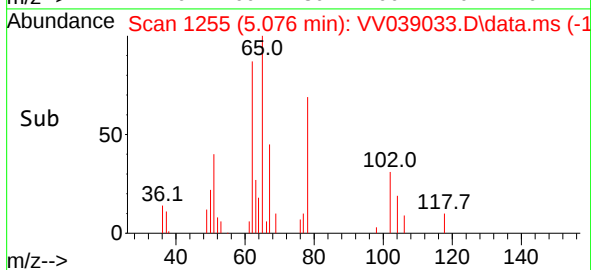
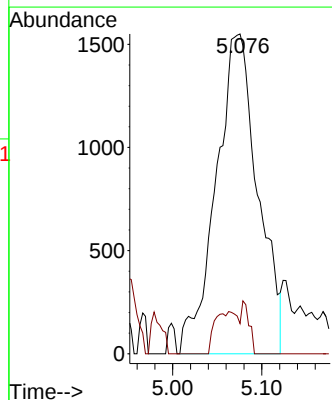
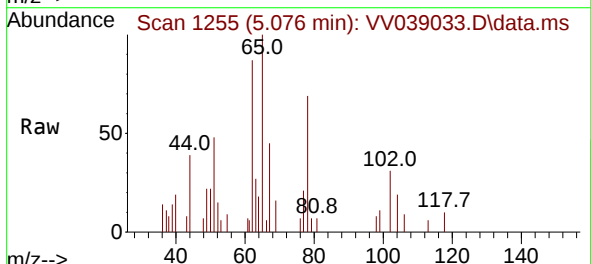
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

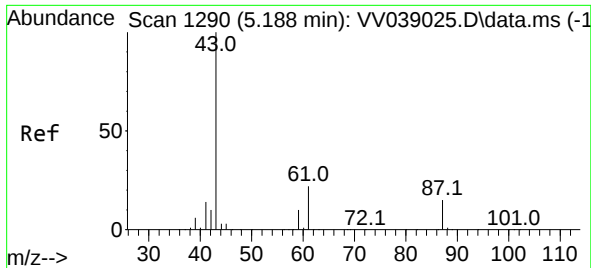
Tgt Ion:	41	Resp:	95
Ion	Ratio	Lower	Upper
41	100		
39	296.8	42.7	64.1#
67	0.0	74.5	111.7#
52	197.9	28.6	42.8#



#42
1,2-Dichloroethane
Concen: 0.569 ug/l
RT: 5.076 min Scan# 1255
Delta R.T. 0.035 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion:	62	Resp:	5059
Ion	Ratio	Lower	Upper
62	100		
98	2.9	0.0	19.8

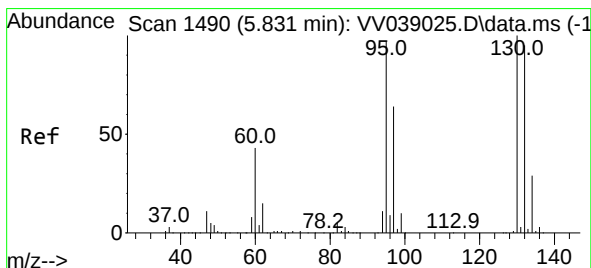
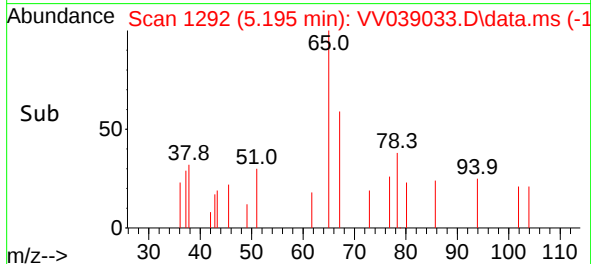
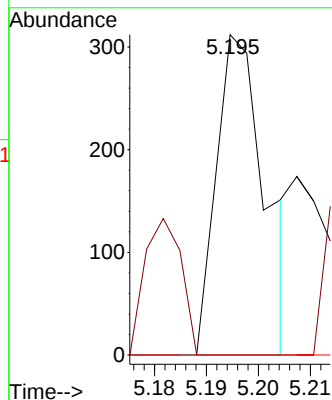
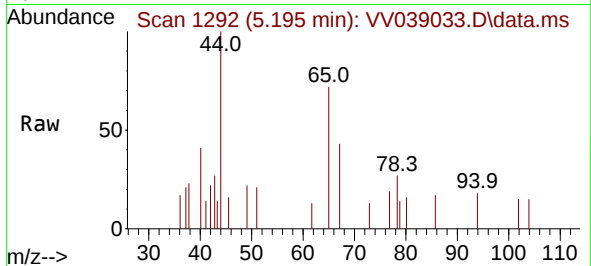




#43
Isopropyl Acetate
Concen: 0.015 ug/l
RT: 5.195 min Scan# 1292
Delta R.T. 0.007 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

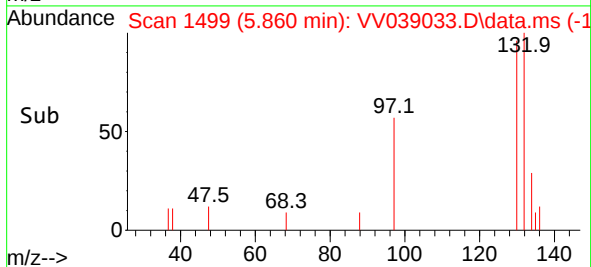
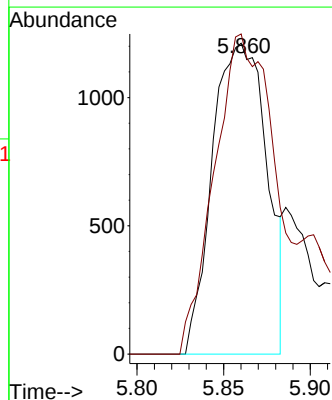
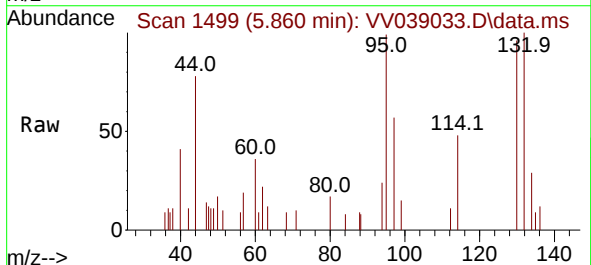
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

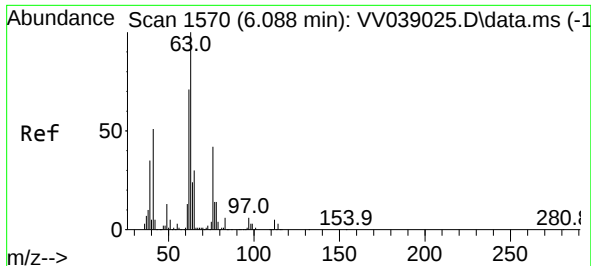
Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
61 0.0 16.6 25.0#
87 0.0 11.7 17.5#



#44
Trichloroethene
Concen: 0.413 ug/l
RT: 5.860 min Scan# 1499
Delta R.T. 0.029 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion:130 Resp: 2647
Ion Ratio Lower Upper
130 100
95 103.0 0.0 194.4





#45

1,2-Dichloropropane

Concen: 0.476 ug/l

RT: 6.114 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

Instrument :

MSVOA_V

ClientSampleId :

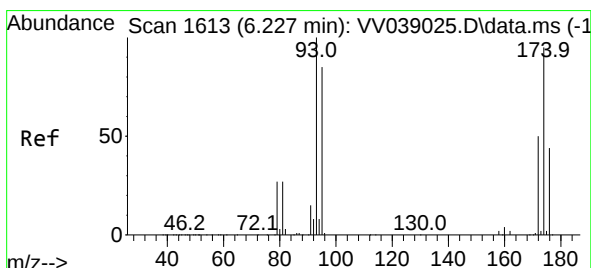
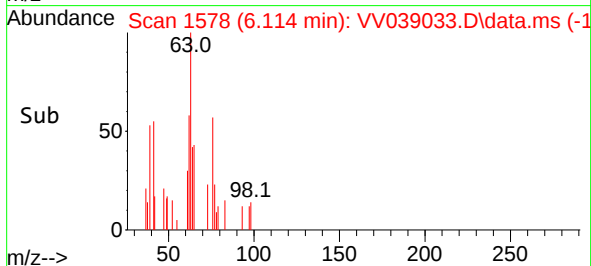
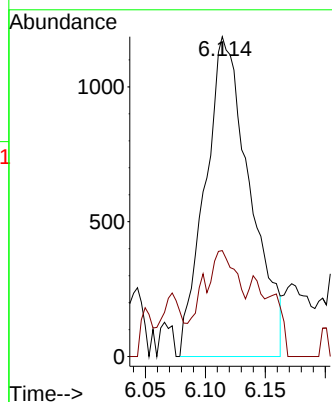
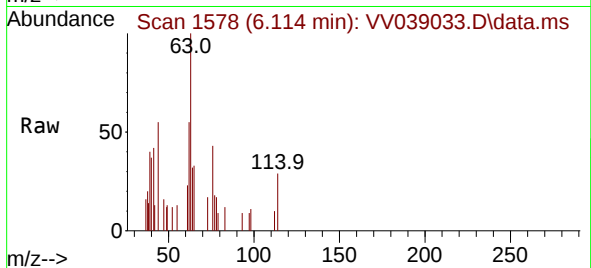
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 63 Resp: 3086

Ion Ratio Lower Upper

63 100

65 19.1 24.2 36.4#



#46

Dibromomethane

Concen: 0.513 ug/l

RT: 6.265 min Scan# 1625

Delta R.T. 0.039 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

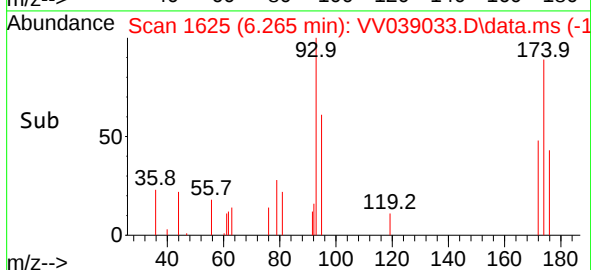
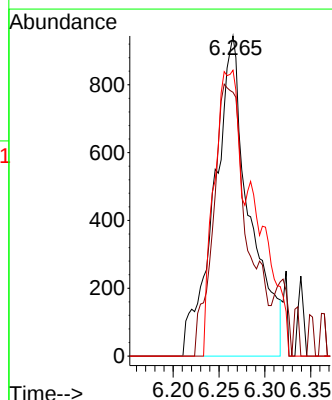
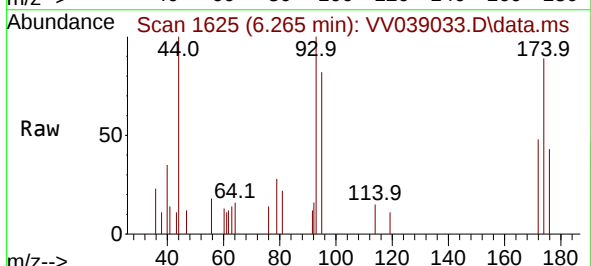
Tgt Ion: 93 Resp: 2521

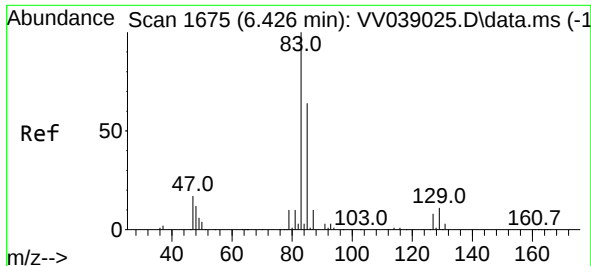
Ion Ratio Lower Upper

93 100

95 80.8 66.1 99.1

174 66.4 73.5 110.3#

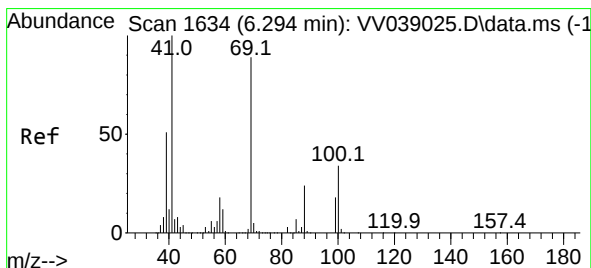
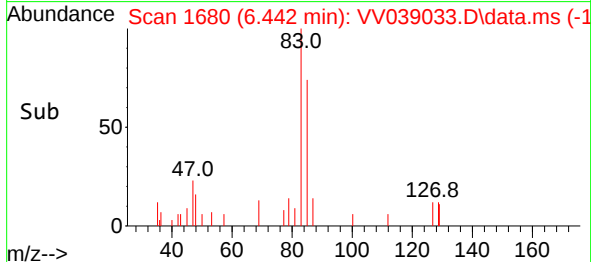
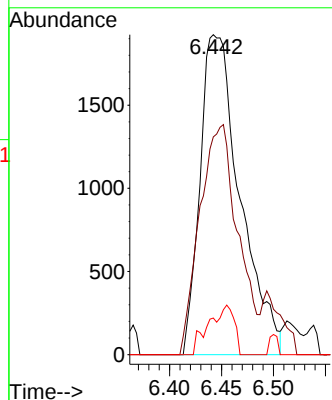
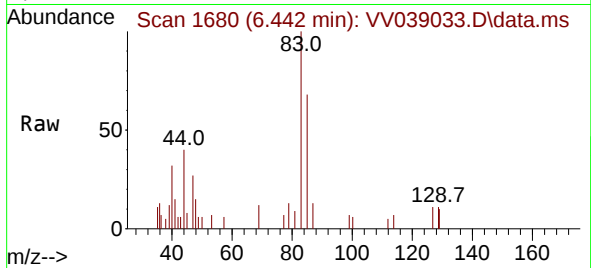




#47
Bromodichloromethane
Concen: 0.509 ug/l
RT: 6.442 min Scan# 1680
Delta R.T. 0.016 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

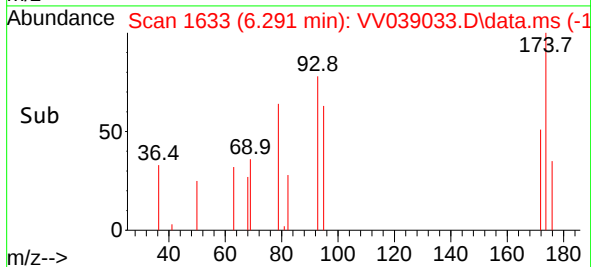
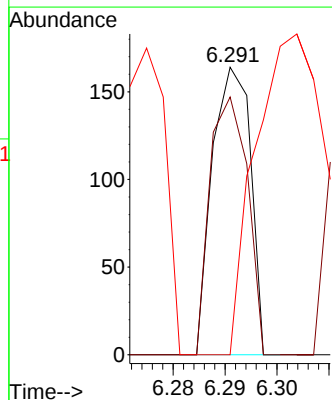
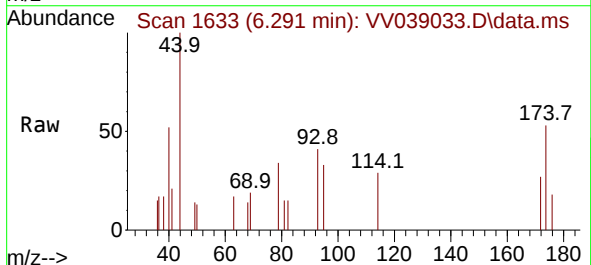
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

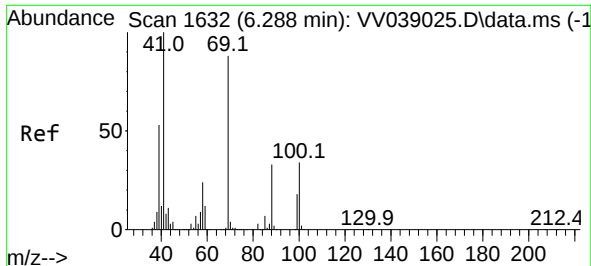
Tgt Ion: 83	Resp:	5156
Ion	Ratio	Lower Upper
83	100	
85	68.0	51.0 76.4
127	11.4	6.7 10.1#



#48
Methyl methacrylate
Concen: 0.013 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 41	Resp:	84
Ion	Ratio	Lower Upper
41	100	
69	88.1	73.5 110.3
39	133.3	41.3 61.9#





#49

1,4-Dioxane

Concen: 0.791 ug/l

RT: 6.275 min Scan# 1

Delta R.T. -0.013 min

Lab File: VV039033.D

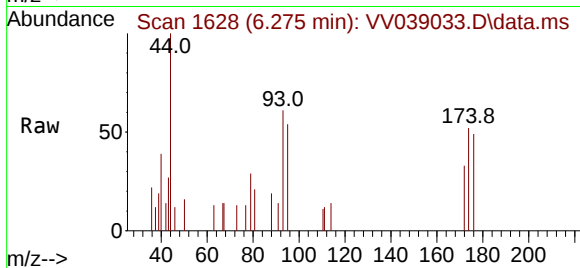
Acq: 25 Aug 2025 15:32

Instrument :

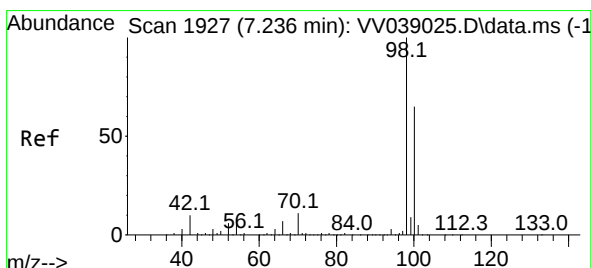
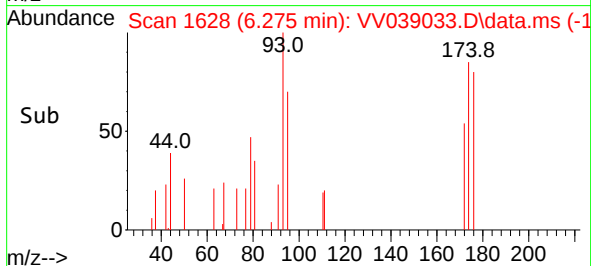
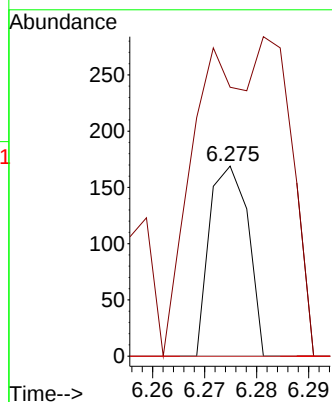
MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion:	88	Resp:	87
Ion	Ratio	Lower	Upper
88	100		
43	395.4	25.4	38.2#
58	0.0	58.4	87.6#



#50

Toluene-d8

Concen: 46.464 ug/l

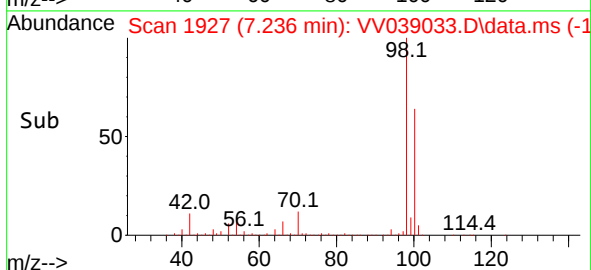
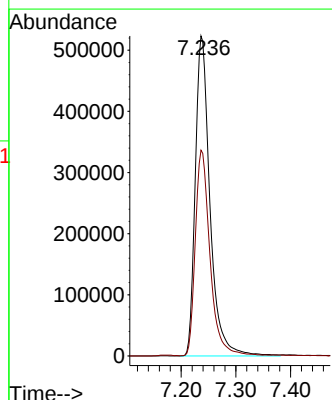
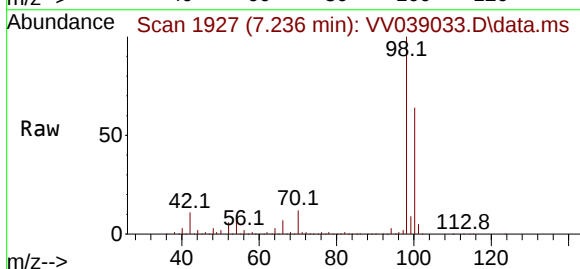
RT: 7.236 min Scan# 1927

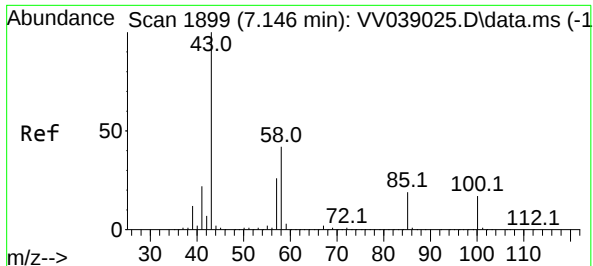
Delta R.T. 0.000 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

Tgt Ion:	98	Resp:	977100
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.6	79.0

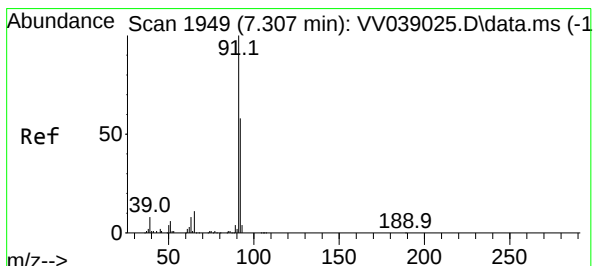
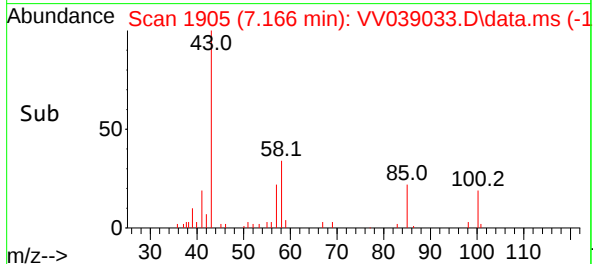
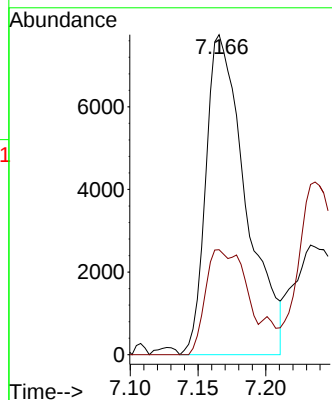
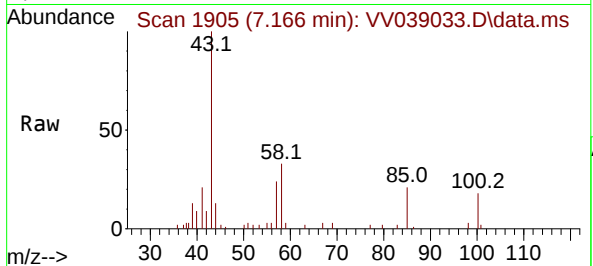




#51
4-Methyl-2-Pentanone
Concen: 1.689 ug/l
RT: 7.166 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

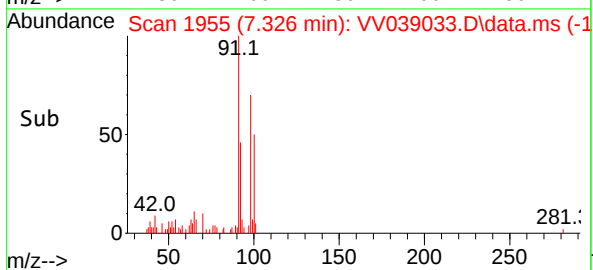
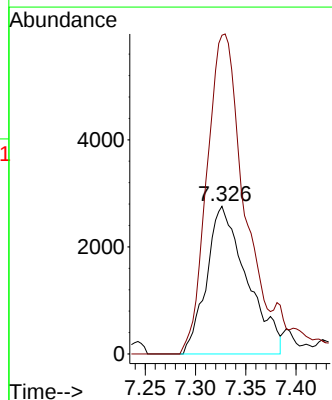
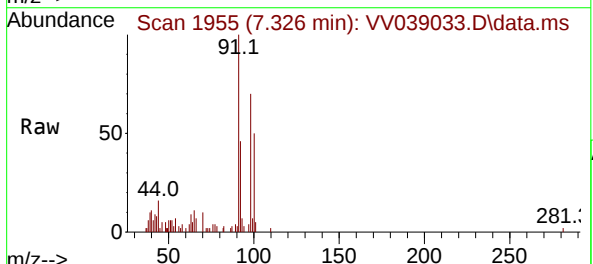
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

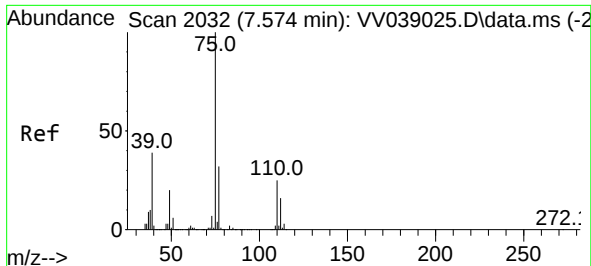
Tgt Ion: 43 Resp: 15840
Ion Ratio Lower Upper
43 100
58 33.0 33.2 49.8#



#52
Toluene
Concen: 0.472 ug/l
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 92 Resp: 7673
Ion Ratio Lower Upper
92 100
91 197.6 137.8 206.8

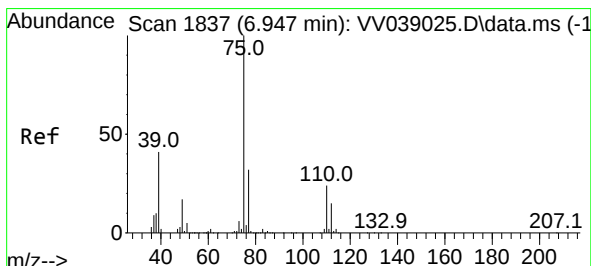
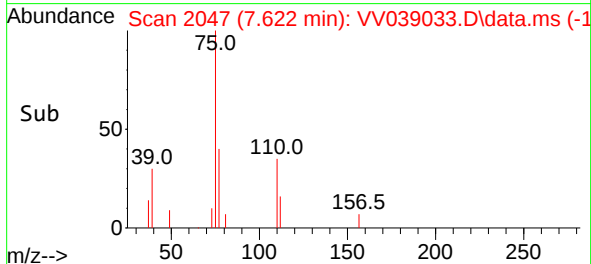
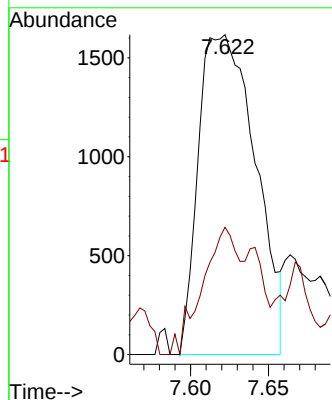
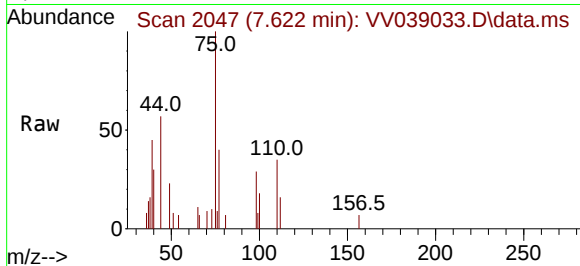




#53
 t-1,3-Dichloropropene
 Concen: 0.422 ug/l
 RT: 7.622 min Scan# 2032
 Delta R.T. 0.048 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

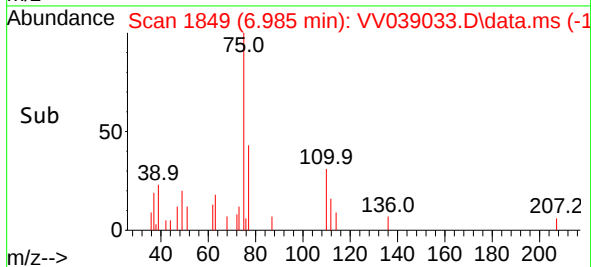
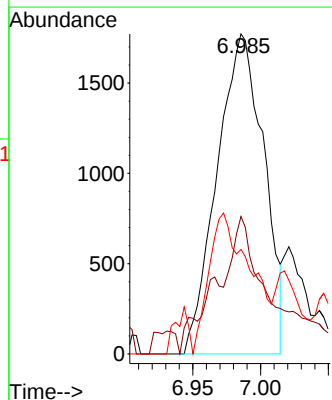
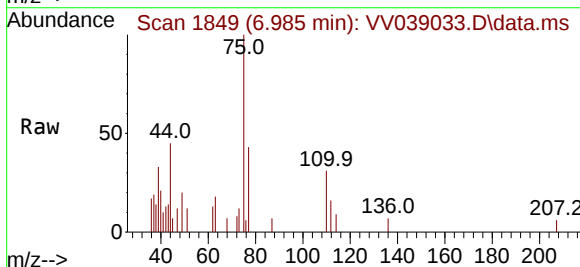
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

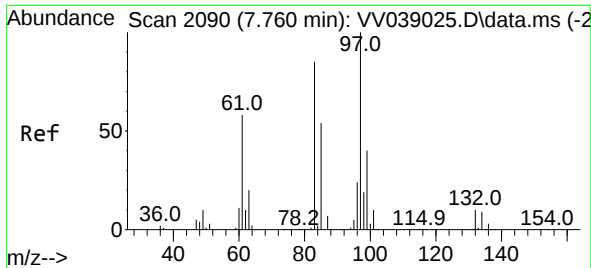
Tgt Ion: 75 Resp: 4108
 Ion Ratio Lower Upper
 75 100
 77 39.8 25.8 38.8#



#54
 cis-1,3-Dichloropropene
 Concen: 0.407 ug/l
 RT: 6.985 min Scan# 1849
 Delta R.T. 0.039 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

Tgt Ion: 75 Resp: 4253
 Ion Ratio Lower Upper
 75 100
 77 42.9 25.6 38.4#
 39 24.1 32.5 48.7#



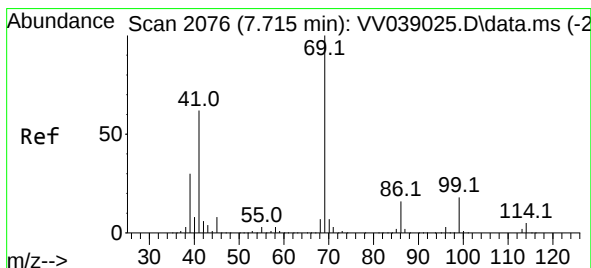
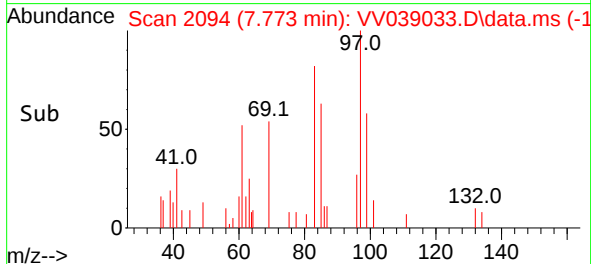
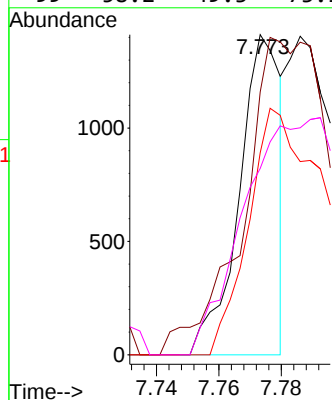
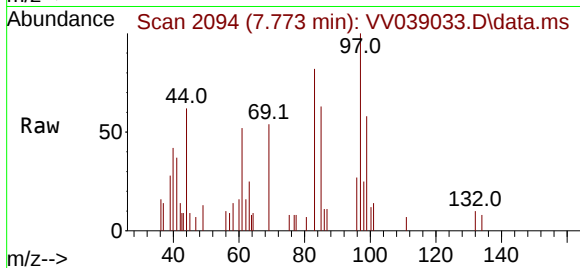


#55
 1,1,2-Trichloroethane
 Concen: 0.193 ug/l
 RT: 7.773 min Scan# 2094
 Delta R.T. 0.013 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

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

Tgt Ion: 97 Resp: 1307

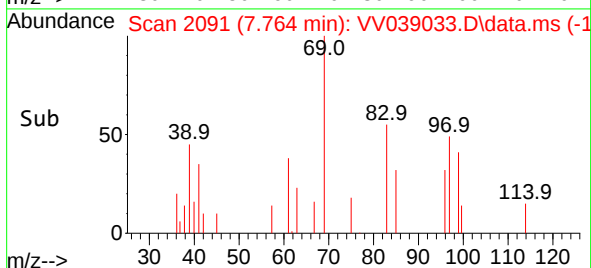
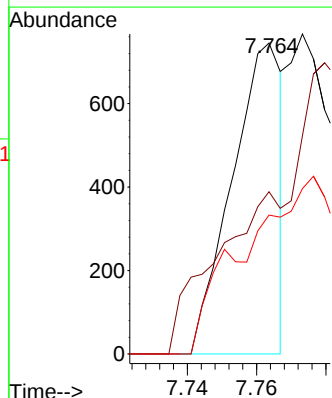
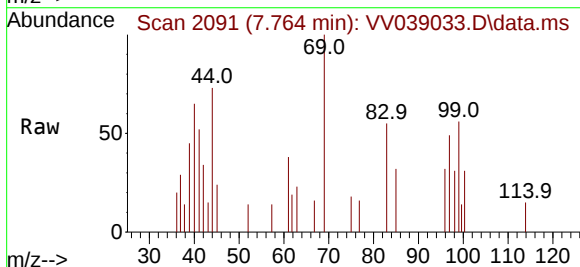
Ion	Ratio	Lower	Upper
97	100		
83	73.5	68.1	102.1
85	63.1	44.5	66.7
99	58.2	49.3	73.9

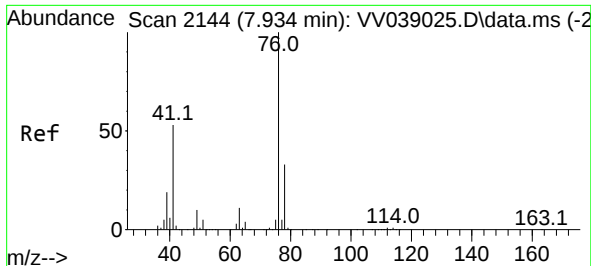


#56
 Ethyl methacrylate
 Concen: 0.082 ug/l
 RT: 7.764 min Scan# 2091
 Delta R.T. 0.048 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

Tgt Ion: 69 Resp: 742

Ion	Ratio	Lower	Upper
69	100		
41	0.0	49.4	74.2#
39	130.5	24.0	36.0#





#57

1,3-Dichloropropane

Concen: 0.407 ug/l

RT: 7.960 min Scan# 2144

Delta R.T. 0.026 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

Instrument :

MSVOA_V

ClientSampleId :

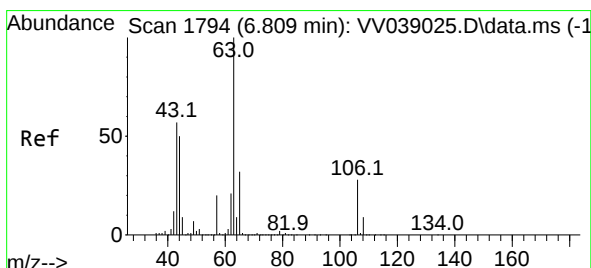
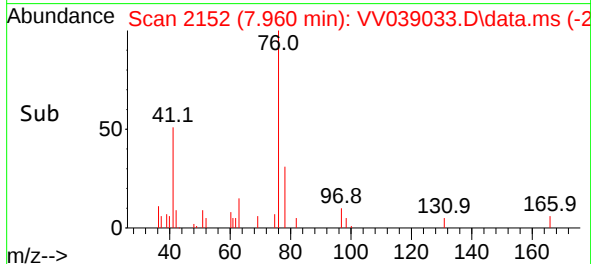
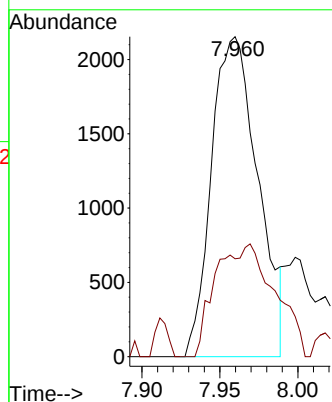
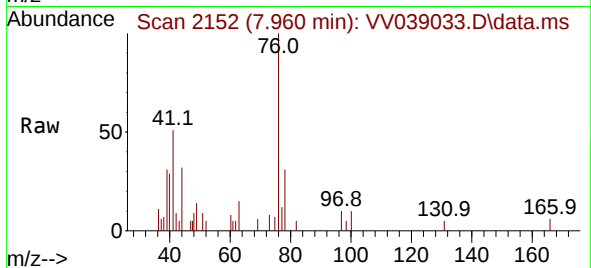
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 76 Resp: 4464

Ion Ratio Lower Upper

76 100

78 45.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.950 ug/l

RT: 6.867 min Scan# 1812

Delta R.T. 0.058 min

Lab File: VV039033.D

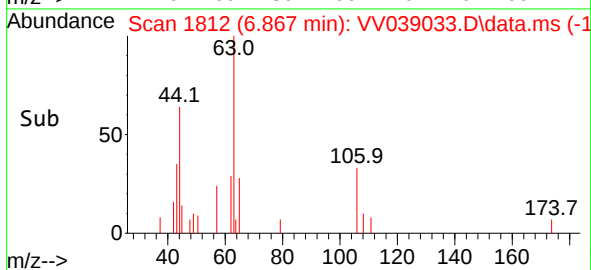
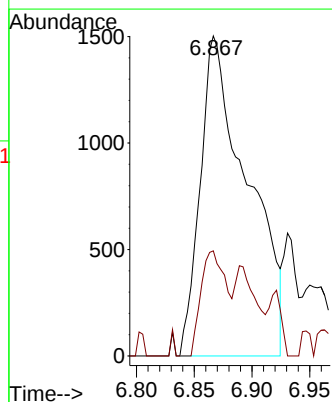
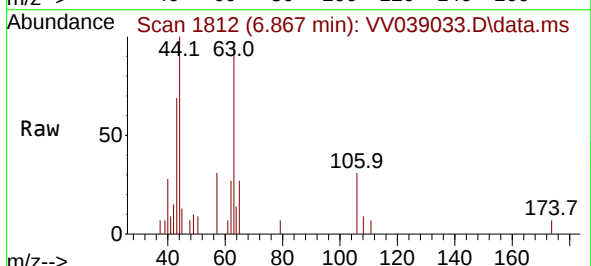
Acq: 25 Aug 2025 15:32

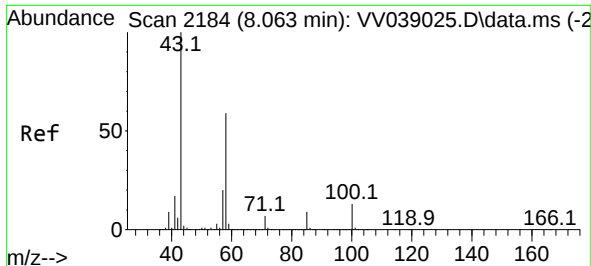
Tgt Ion: 63 Resp: 4283

Ion Ratio Lower Upper

63 100

106 17.6 22.3 33.5#





#59

2-Hexanone

Concen: 0.870 ug/l

RT: 8.111 min Scan# 2184

Delta R.T. 0.048 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

Instrument :

MSVOA_V

ClientSampleId :

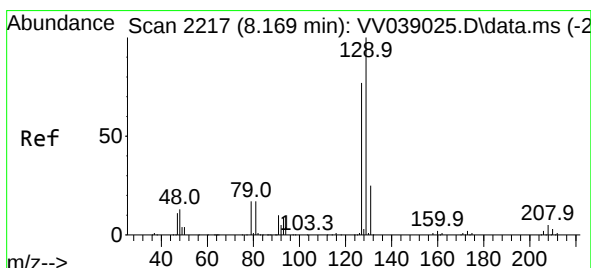
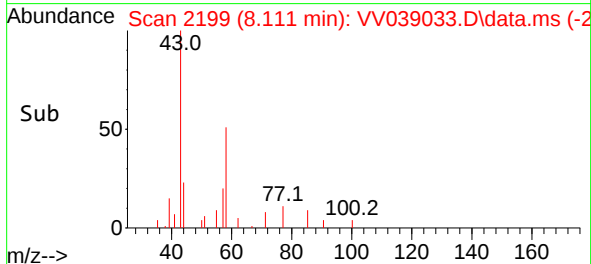
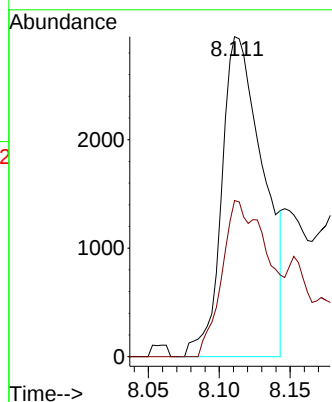
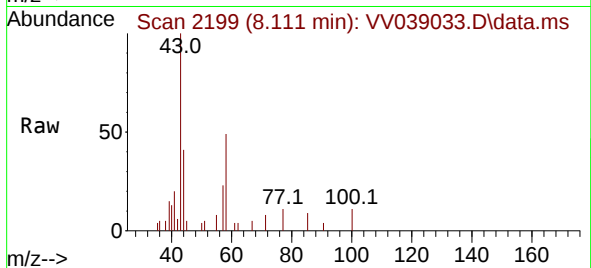
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 6053

Ion Ratio Lower Upper

43 100

58 54.9 28.8 86.4



#60

Dibromochloromethane

Concen: 0.530 ug/l

RT: 8.178 min Scan# 2220

Delta R.T. 0.010 min

Lab File: VV039033.D

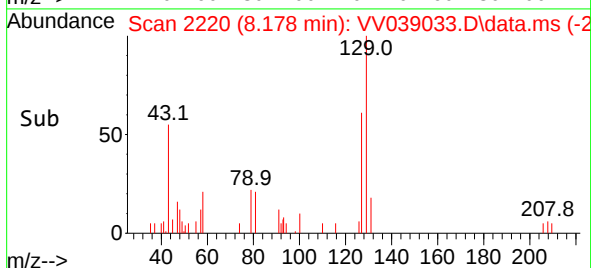
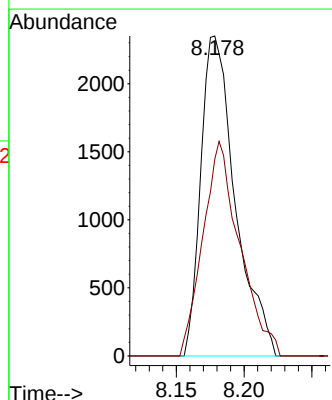
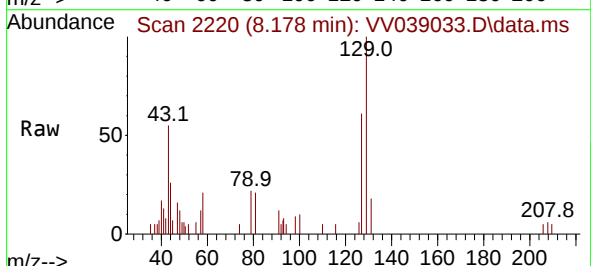
Acq: 25 Aug 2025 15:32

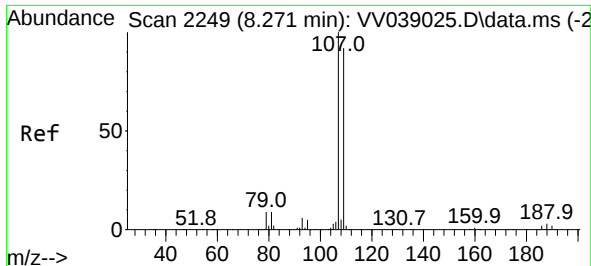
Tgt Ion: 129 Resp: 4158

Ion Ratio Lower Upper

129 100

127 71.6 39.0 117.0

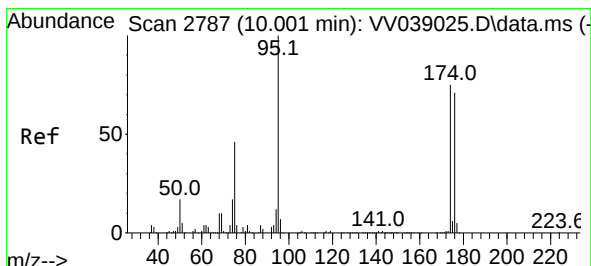
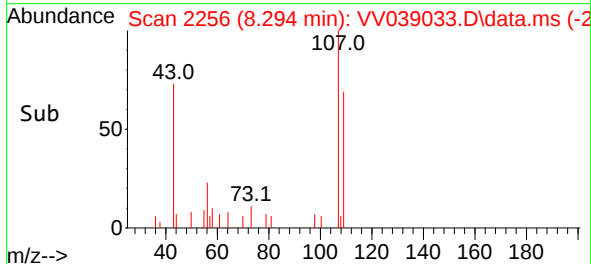
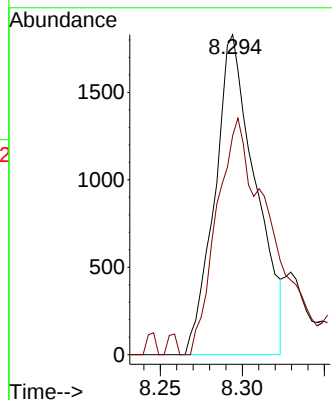
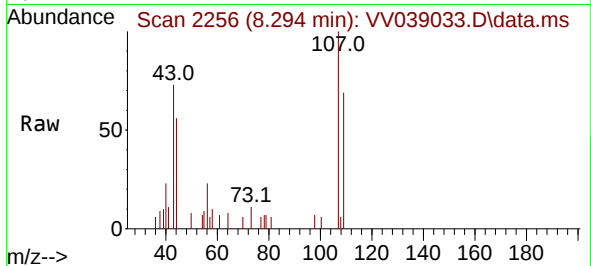




#61
1,2-Dibromoethane
Concen: 0.451 ug/l
RT: 8.294 min Scan# 211
Delta R.T. 0.023 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

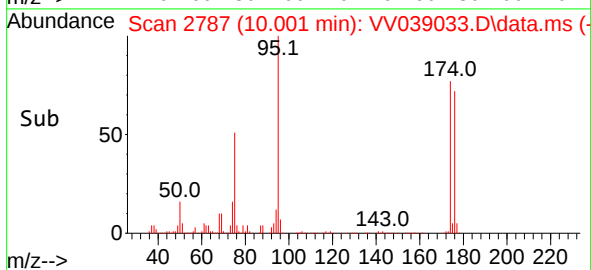
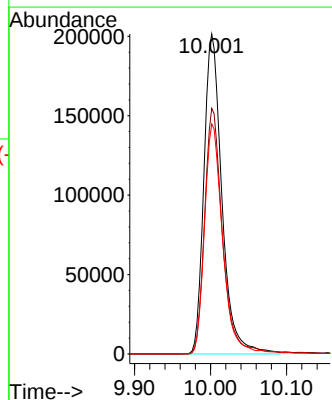
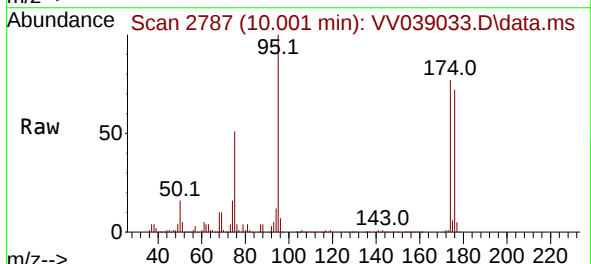
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

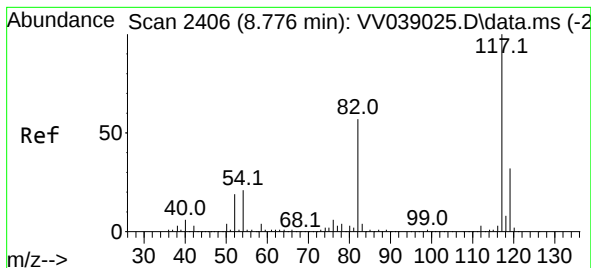
Tgt Ion:107 Resp: 3157
Ion Ratio Lower Upper
107 100
109 98.1 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 43.085 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 95 Resp: 331989
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.4
176 72.5 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

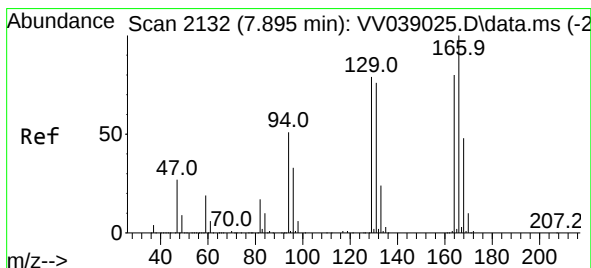
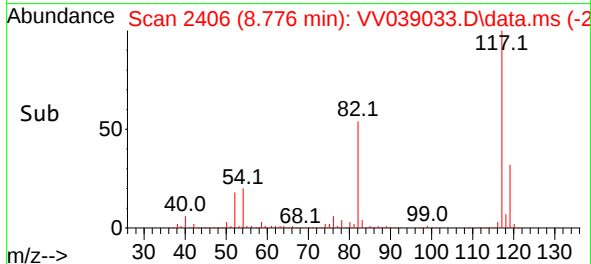
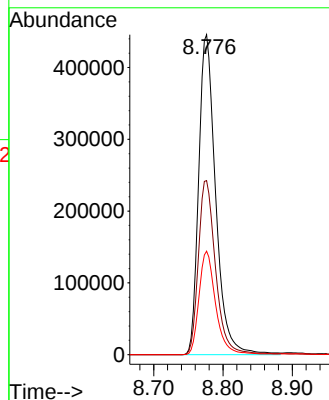
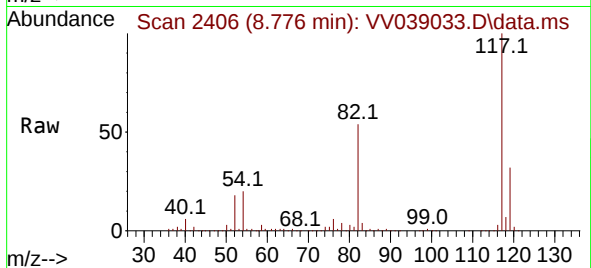
Tgt Ion:117 Resp: 760857

Ion Ratio Lower Upper

117 100

82 54.4 45.6 68.4

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 0.612 ug/l

RT: 7.905 min Scan# 2135

Delta R.T. 0.010 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

Tgt Ion:164 Resp: 3308

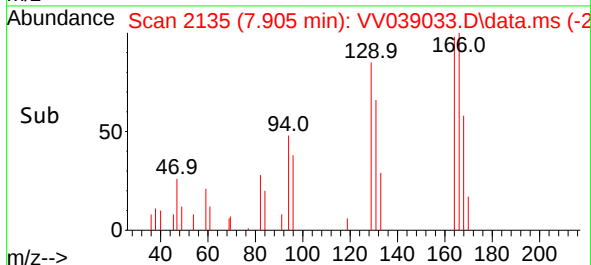
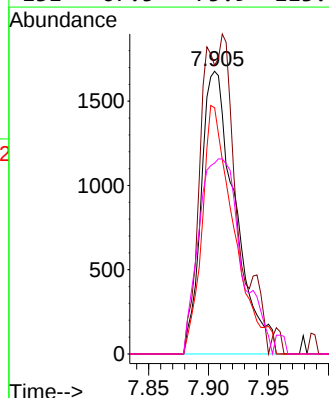
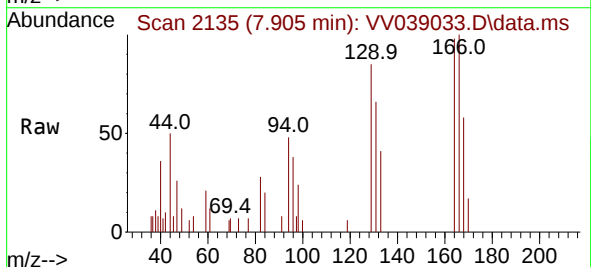
Ion Ratio Lower Upper

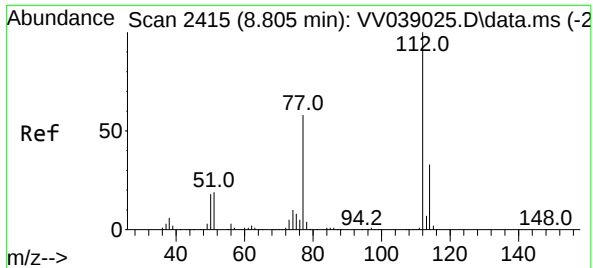
164 100

166 102.1 99.7 149.5

129 87.1 78.5 117.7

131 67.5 75.9 113.9#

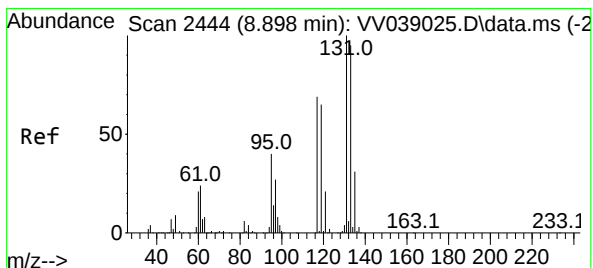
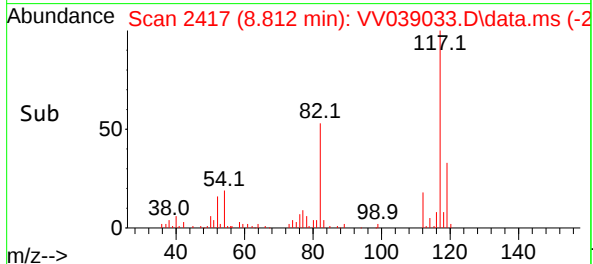
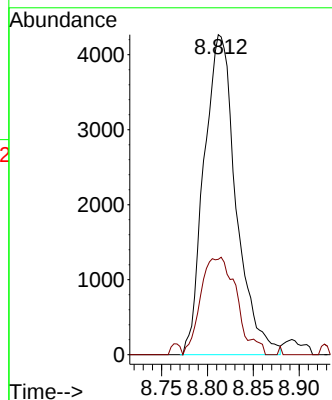
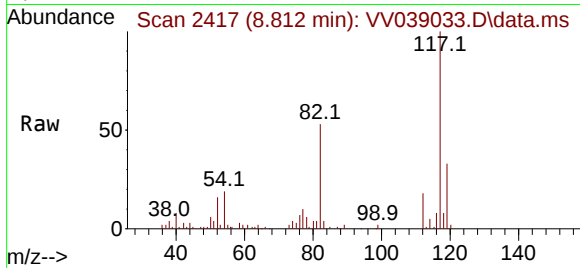




#65
Chlorobenzene
Concen: 0.569 ug/l
RT: 8.812 min Scan# 2415
Delta R.T. 0.007 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

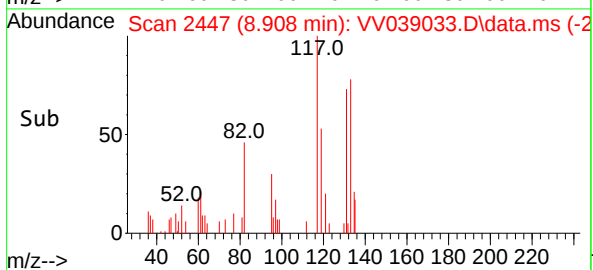
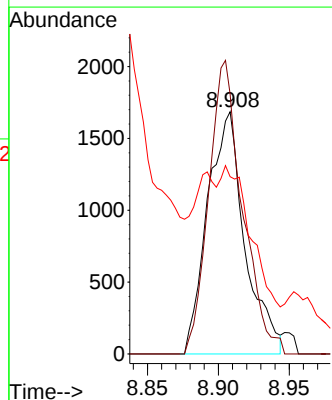
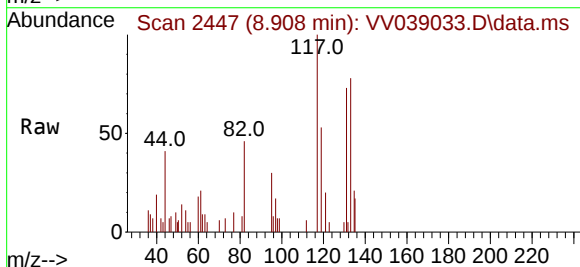
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

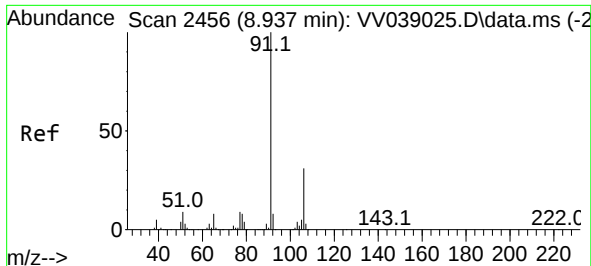
Tgt Ion:112 Resp: 10354
Ion Ratio Lower Upper
112 100
114 27.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.485 ug/l
RT: 8.908 min Scan# 2447
Delta R.T. 0.010 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion:131 Resp: 3081
Ion Ratio Lower Upper
131 100
133 109.6 47.6 142.9
119 0.0 33.3 99.8#





#67

Ethyl Benzene

Concen: 0.458 ug/l

RT: 8.953 min Scan# 2456

Delta R.T. 0.016 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

Instrument :

MSVOA_V

ClientSampleId :

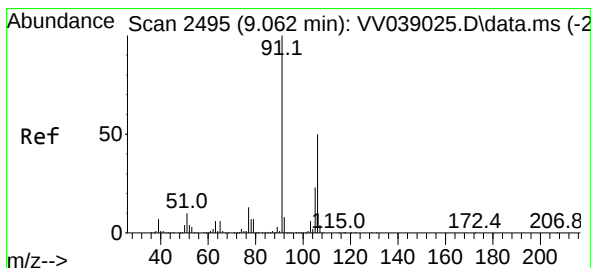
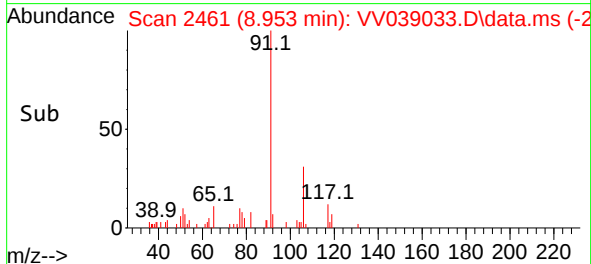
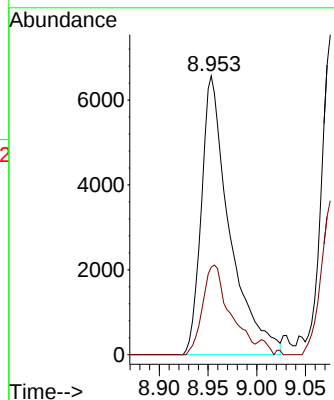
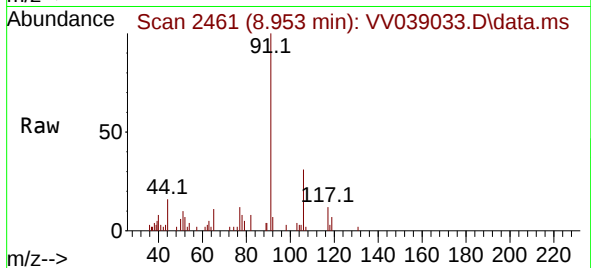
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 13186

Ion Ratio Lower Upper

91 100

106 31.4 24.6 37.0



#68

m/p-Xylenes

Concen: 0.820 ug/l

RT: 9.079 min Scan# 2500

Delta R.T. 0.016 min

Lab File: VV039033.D

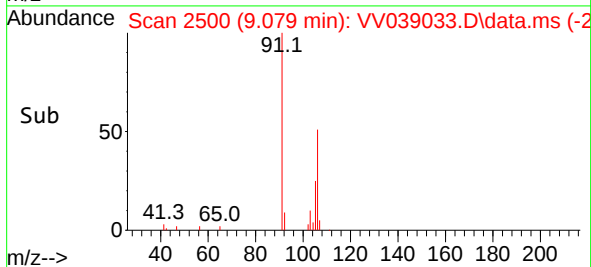
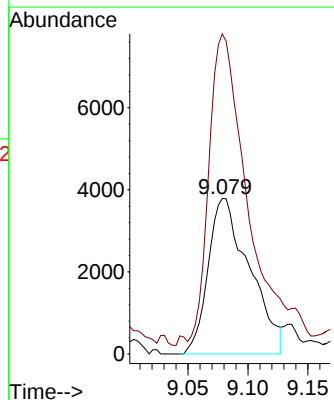
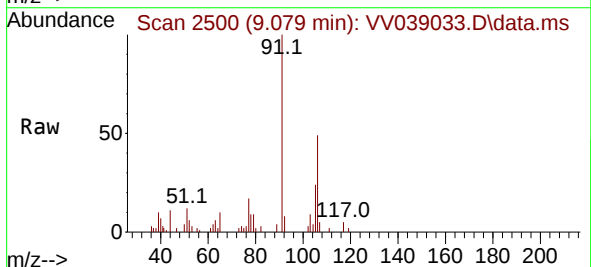
Acq: 25 Aug 2025 15:32

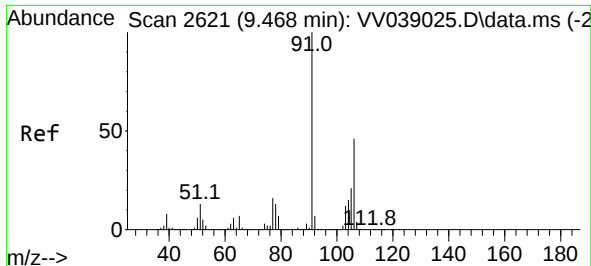
Tgt Ion: 106 Resp: 9081

Ion Ratio Lower Upper

106 100

91 192.7 162.4 243.6

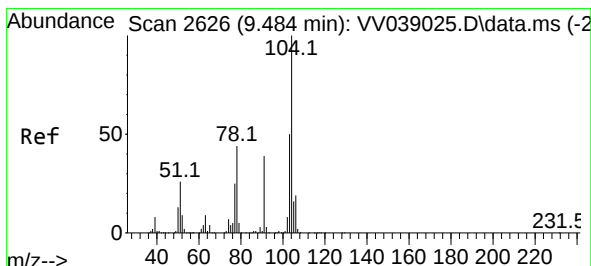
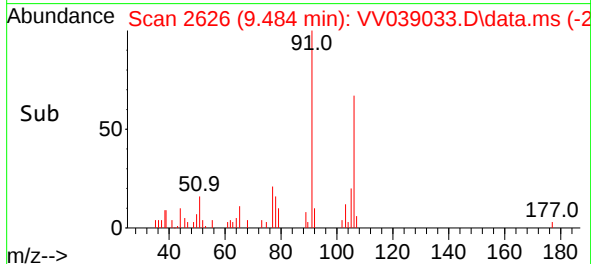
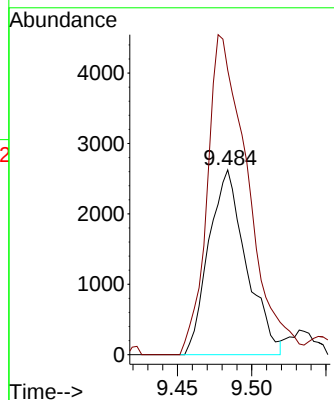
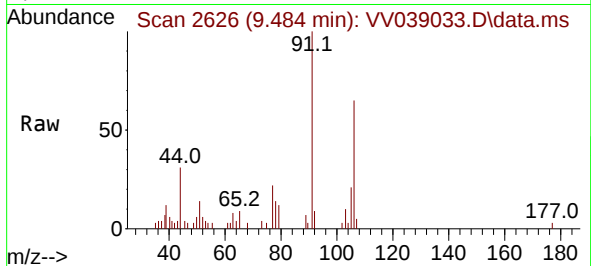




#69
o-Xylene
Concen: 0.456 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.016 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

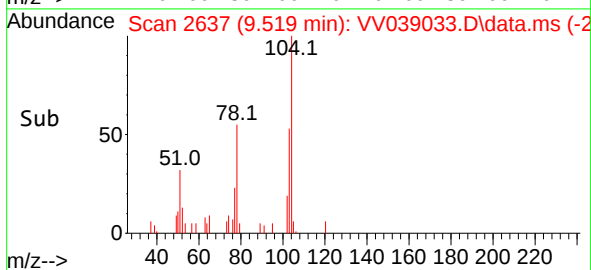
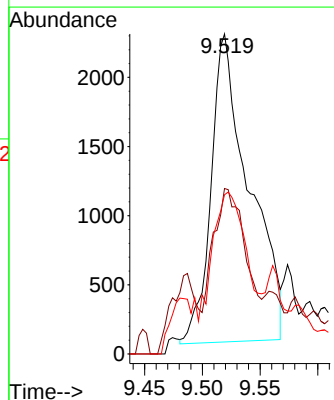
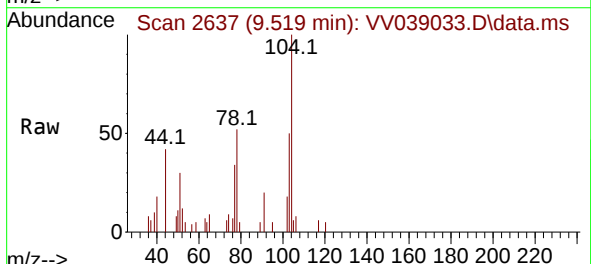
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

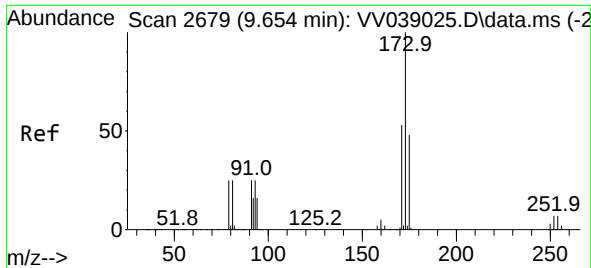
Tgt Ion:106 Resp: 4619
Ion Ratio Lower Upper
106 100
91 187.0 106.7 320.1



#70
Styrene
Concen: 0.286 ug/l
RT: 9.519 min Scan# 2637
Delta R.T. 0.035 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion:104 Resp: 5116
Ion Ratio Lower Upper
104 100
78 33.3 39.3 58.9#
103 39.4 43.2 64.8#

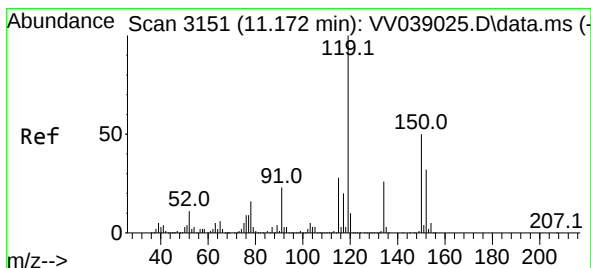
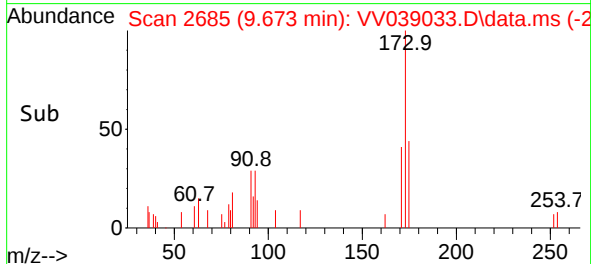
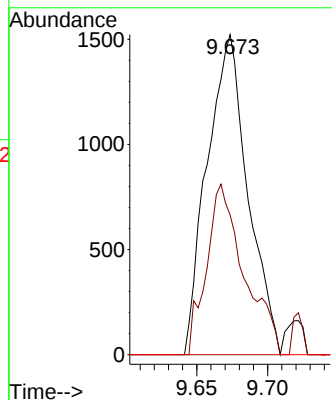
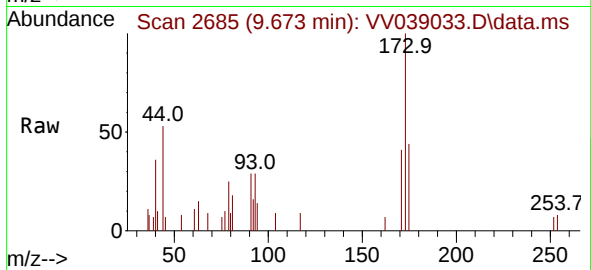




#71
Bromoform
Concen: 0.591 ug/l
RT: 9.673 min Scan# 2685
Delta R.T. 0.019 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

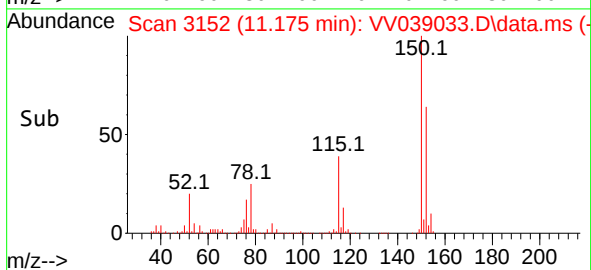
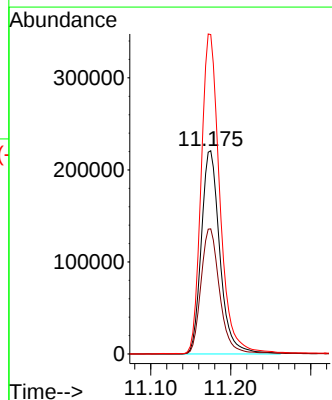
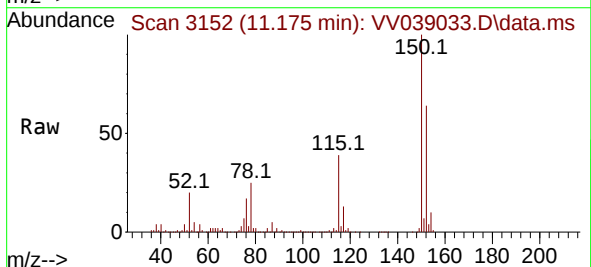
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

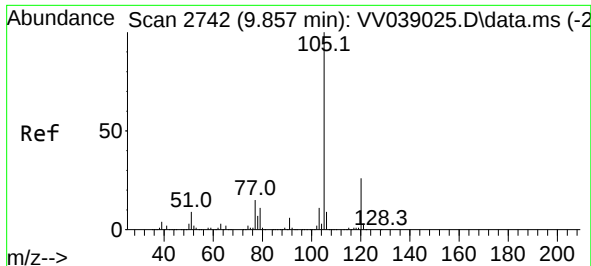
Tgt Ion:173 Resp: 3037
Ion Ratio Lower Upper
173 100
175 49.3 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion:152 Resp: 357420
Ion Ratio Lower Upper
152 100
115 62.2 44.0 132.1
150 157.7 0.0 352.2

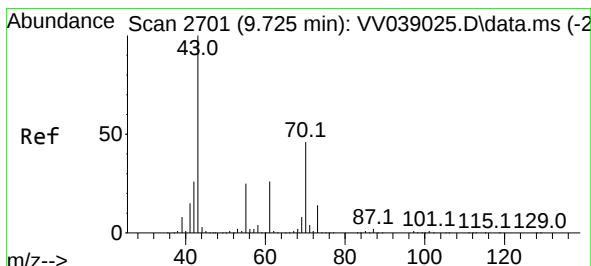
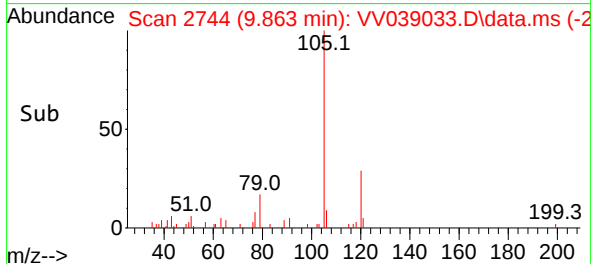
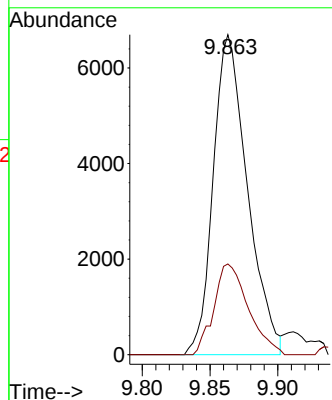
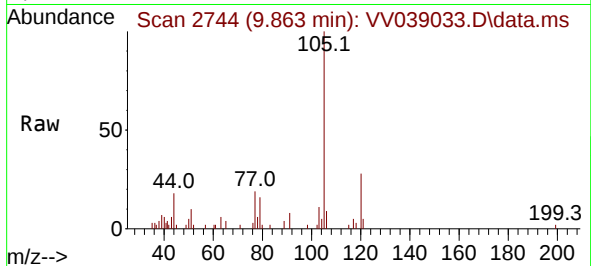




#73
Isopropylbenzene
Concen: 0.469 ug/l
RT: 9.863 min Scan# 2113
Delta R.T. 0.007 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

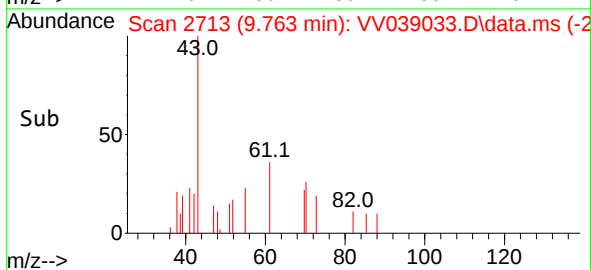
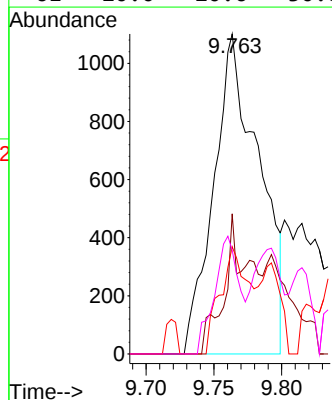
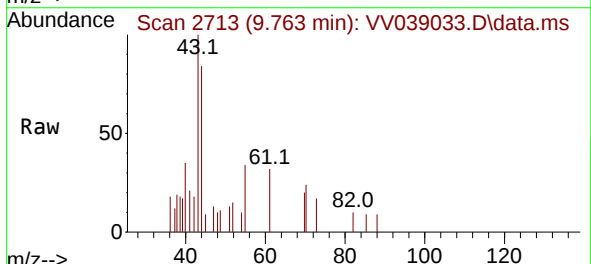
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

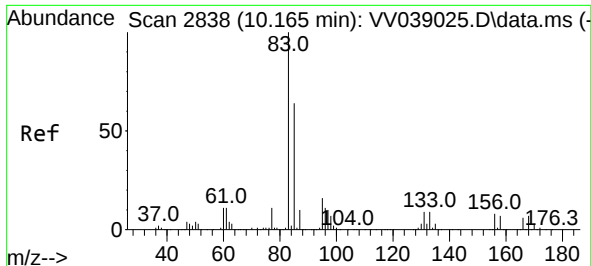
Tgt Ion:105 Resp: 11738
Ion Ratio Lower Upper
105 100
120 28.6 13.2 39.5



#74
N-ethyl acetate
Concen: 0.249 ug/l
RT: 9.763 min Scan# 2713
Delta R.T. 0.039 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 43 Resp: 2566
Ion Ratio Lower Upper
43 100
70 14.6 36.4 54.6#
55 20.5 20.6 30.8#
61 20.0 20.6 30.8#

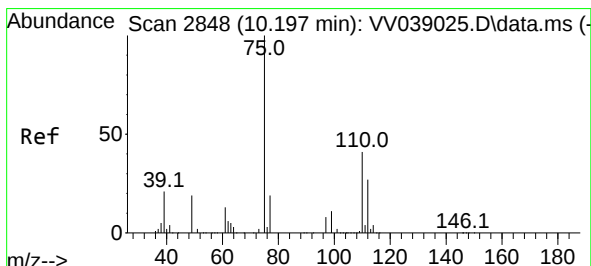
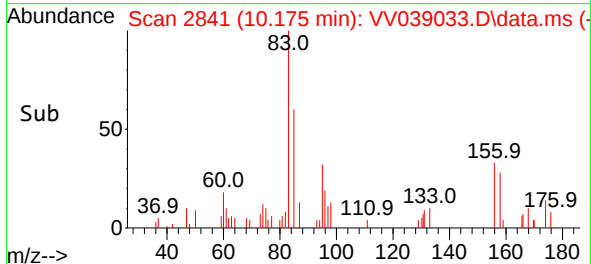
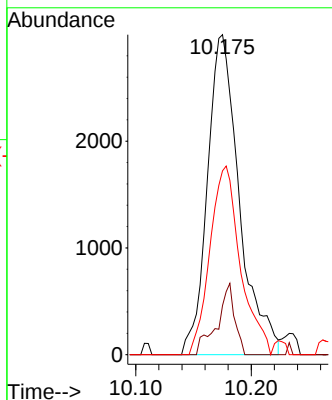
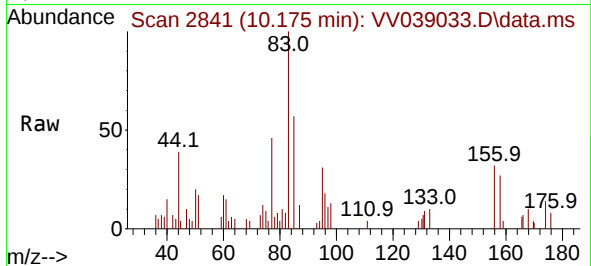




#75
1,1,2-Tetrachloroethane
Concen: 0.584 ug/l
RT: 10.175 min Scan# 2175
Delta R.T. 0.010 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

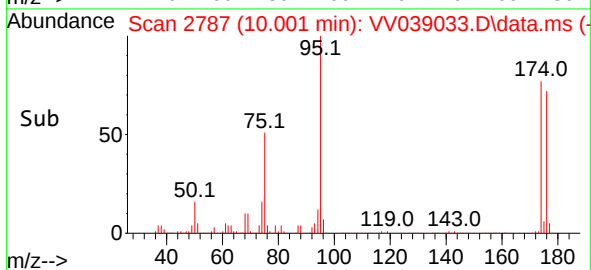
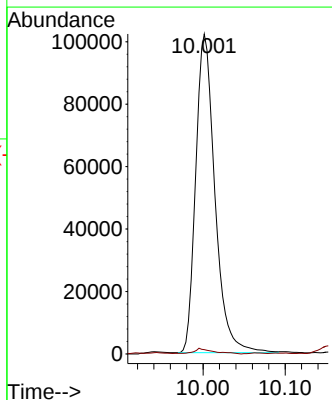
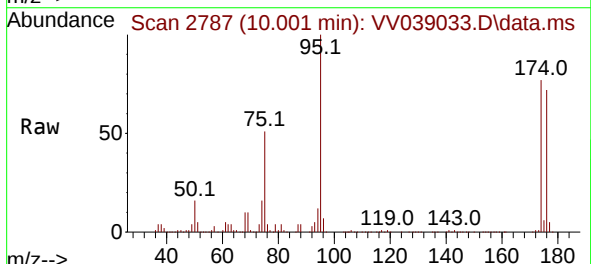
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

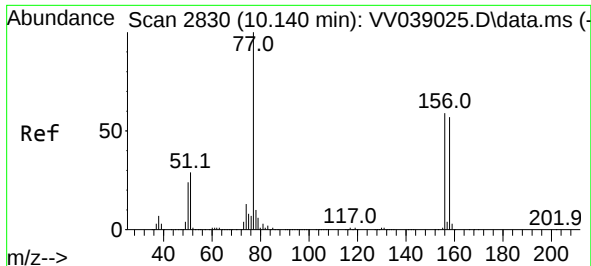
Tgt Ion: 83 Resp: 5759
Ion Ratio Lower Upper
83 100
131 12.3 4.7 14.0
85 56.2 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 23.677 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.196 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 75 Resp: 166120
Ion Ratio Lower Upper
75 100
77 1.8 11.9 35.5#

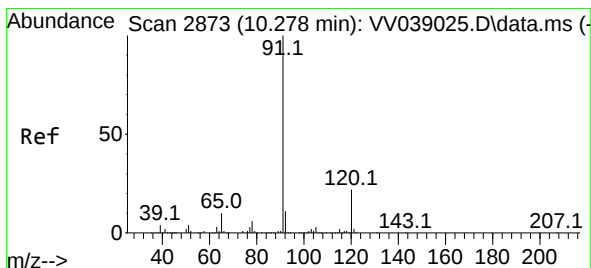
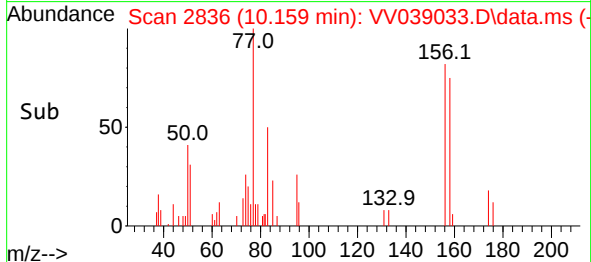
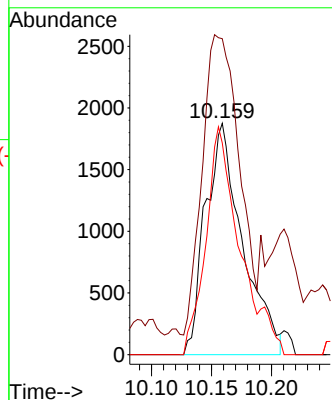
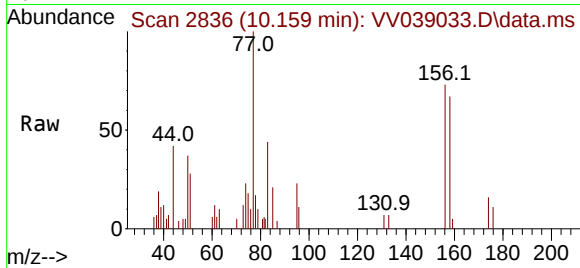




#77
Bromobenzene
Concen: 0.649 ug/l
RT: 10.159 min Scan# 2836
Delta R.T. 0.019 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

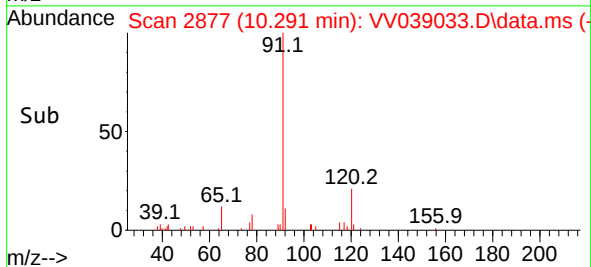
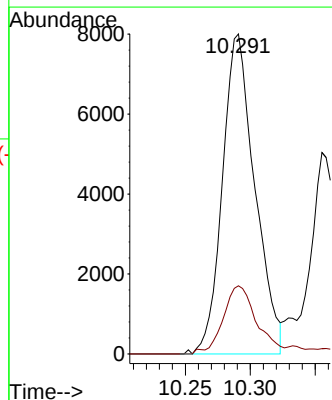
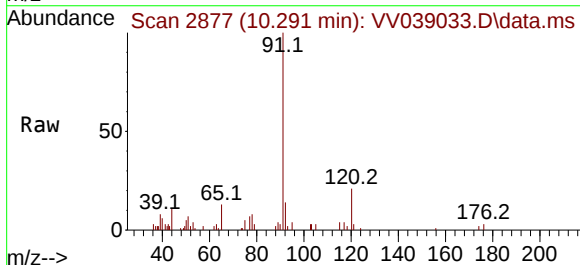
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

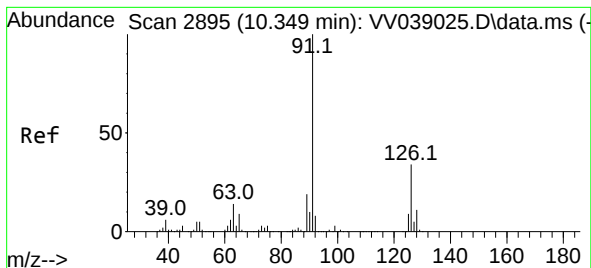
Tgt Ion:156 Resp: 4030
Ion Ratio Lower Upper
156 100
77 129.6 82.5 247.7
158 90.0 49.4 148.0



#78
n-propylbenzene
Concen: 0.470 ug/l
RT: 10.291 min Scan# 2877
Delta R.T. 0.013 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 91 Resp: 13894
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.6





#79

2-Chlorotoluene

Concen: 0.509 ug/l

RT: 10.355 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

Instrument :

MSVOA_V

ClientSampleId :

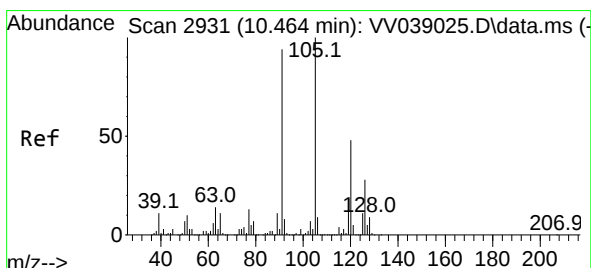
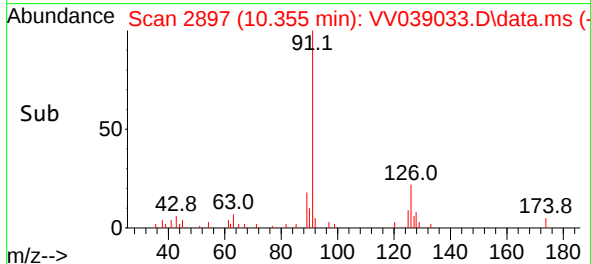
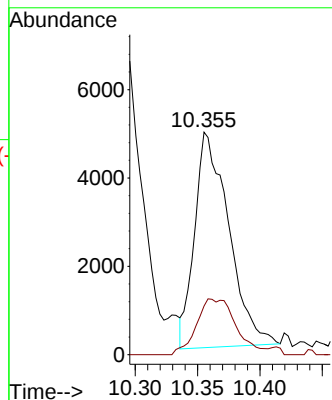
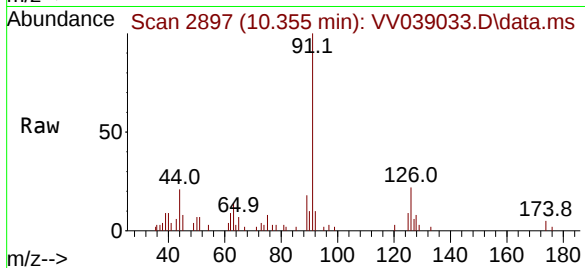
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 9266

Ion Ratio Lower Upper

91 100

126 30.1 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 0.430 ug/l

RT: 10.474 min Scan# 2934

Delta R.T. 0.010 min

Lab File: VV039033.D

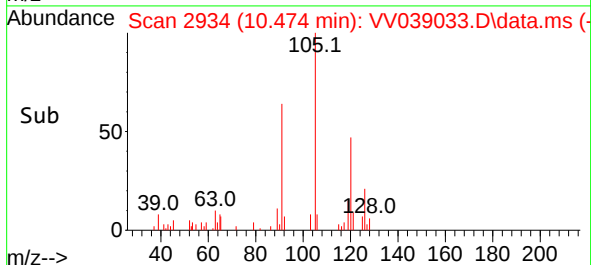
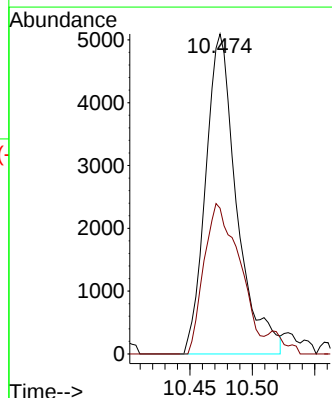
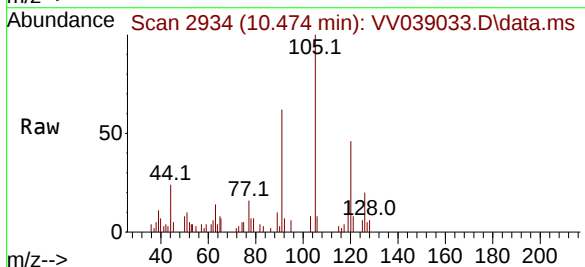
Acq: 25 Aug 2025 15:32

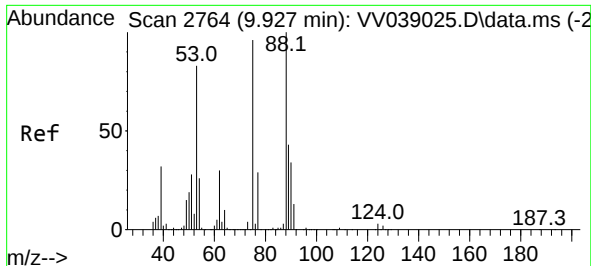
Tgt Ion: 105 Resp: 8840

Ion Ratio Lower Upper

105 100

120 54.1 23.9 71.8

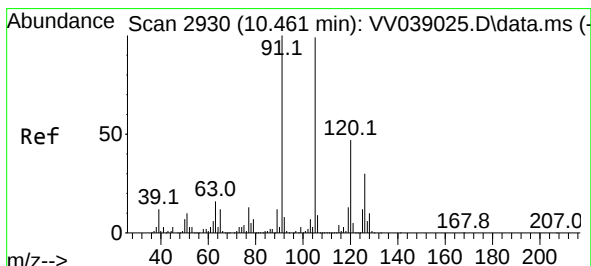
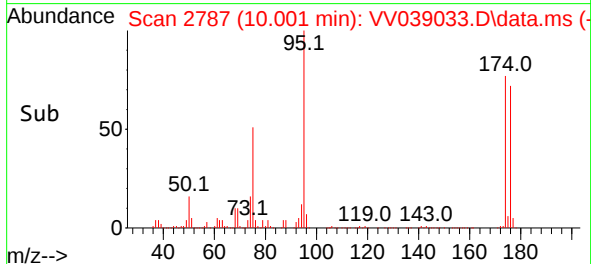
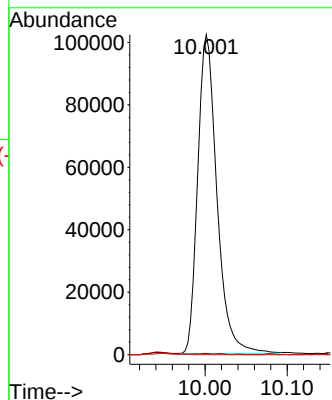
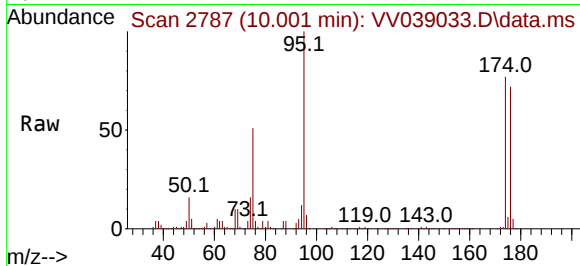




#81
trans-1,4-Dichloro-2-butene
Concen: 52.071 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

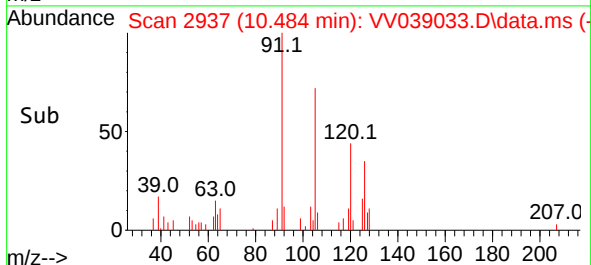
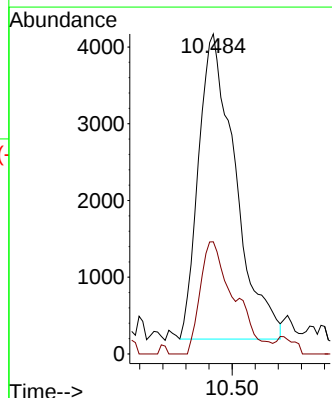
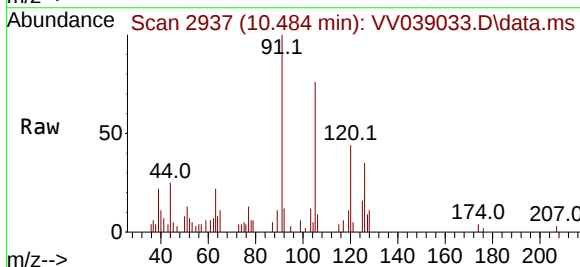
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

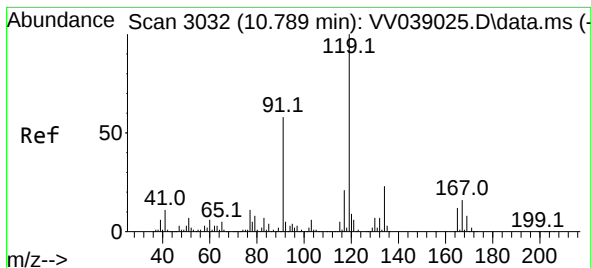
Tgt Ion: 75 Resp: 166120
Ion Ratio Lower Upper
75 100
53 0.3 70.2 105.4#
89 0.0 36.5 54.7#



#82
4-Chlorotoluene
Concen: 0.424 ug/l
RT: 10.484 min Scan# 2937
Delta R.T. 0.023 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion: 91 Resp: 8788
Ion Ratio Lower Upper
91 100
126 34.4 14.9 44.5





#83

tert-Butylbenzene

Concen: 0.471 ug/l

RT: 10.796 min Scan# 3032

Delta R.T. 0.007 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

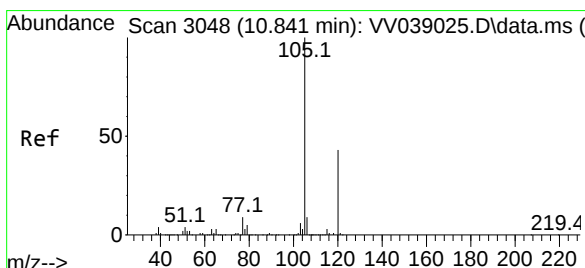
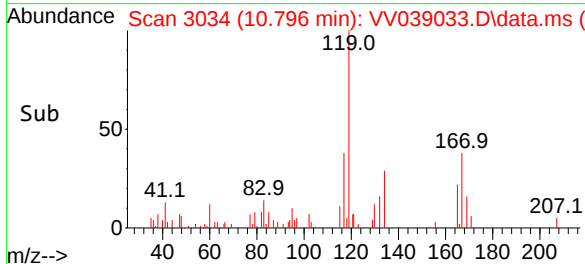
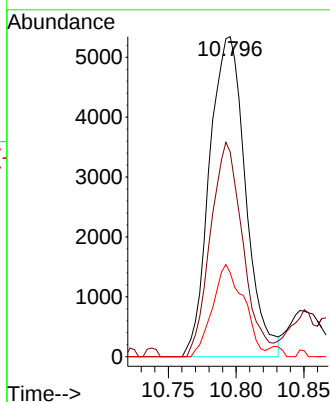
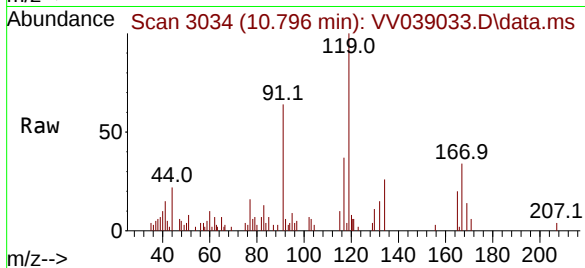
Tgt Ion:119 Resp: 9853

Ion Ratio Lower Upper

119 100

91 60.4 28.1 84.4

134 25.0 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 0.433 ug/l

RT: 10.850 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VV039033.D

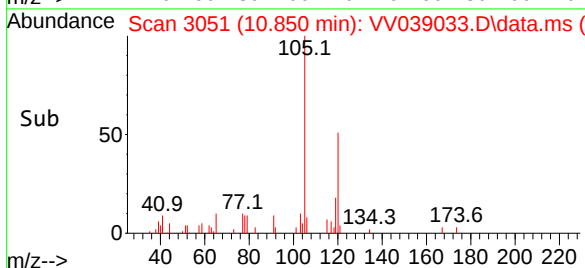
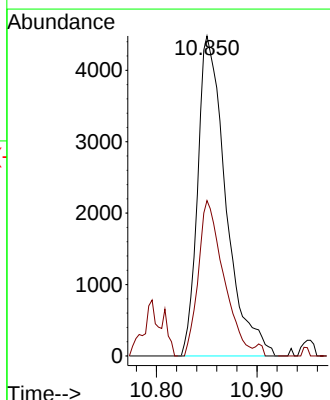
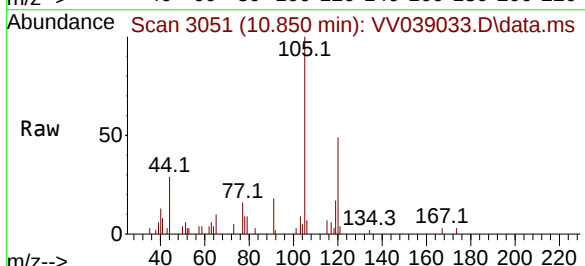
Acq: 25 Aug 2025 15:32

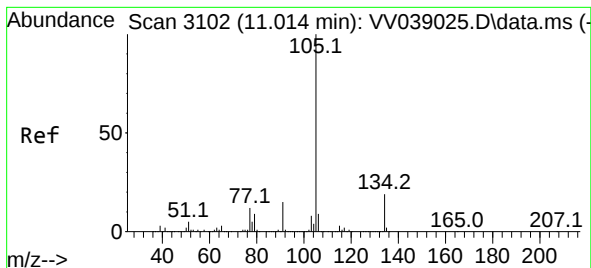
Tgt Ion:105 Resp: 8720

Ion Ratio Lower Upper

105 100

120 43.5 22.6 67.8





#85

sec-Butylbenzene

Concen: 0.474 ug/l

RT: 11.017 min Scan# 3102

Delta R.T. 0.003 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

Instrument :

MSVOA_V

ClientSampleId :

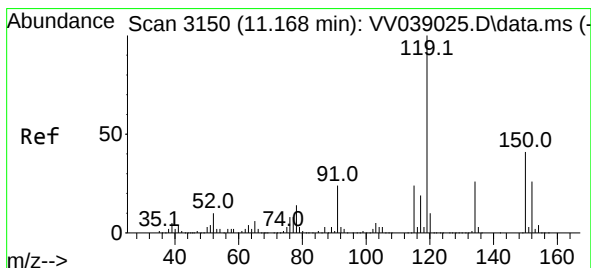
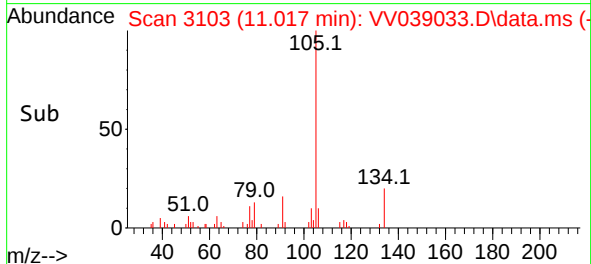
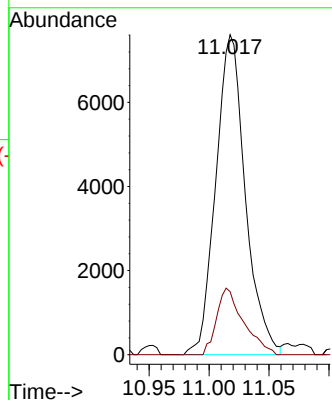
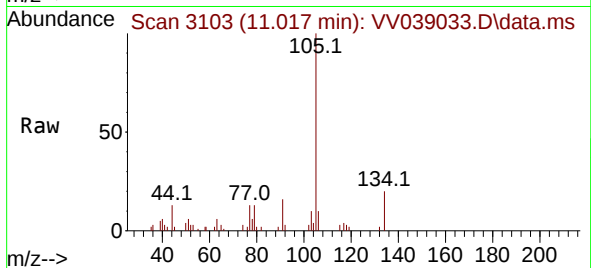
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:105 Resp: 13024

Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.479 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.007 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

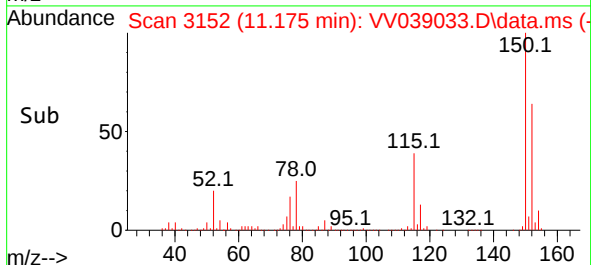
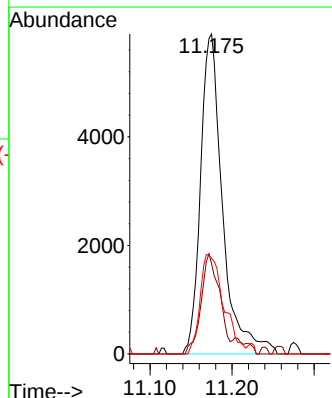
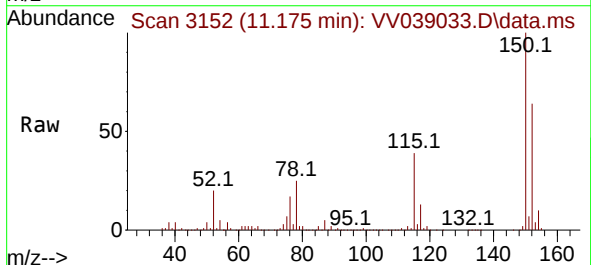
Tgt Ion:119 Resp: 10993

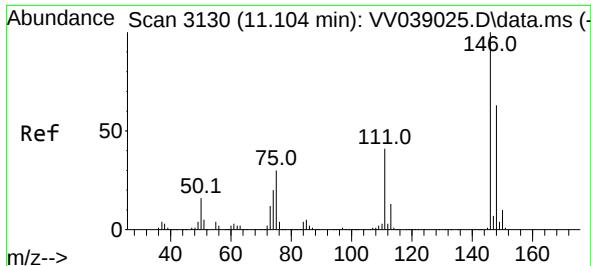
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 33.3 12.0 36.1

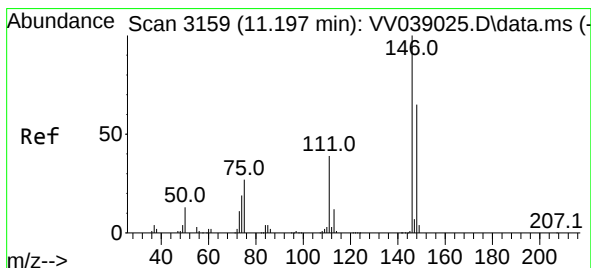
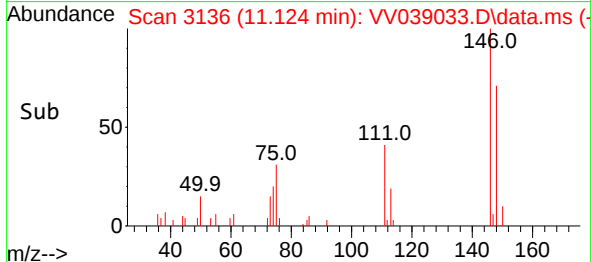
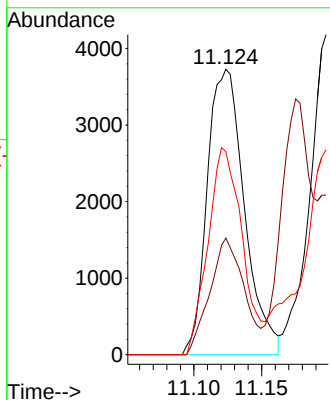
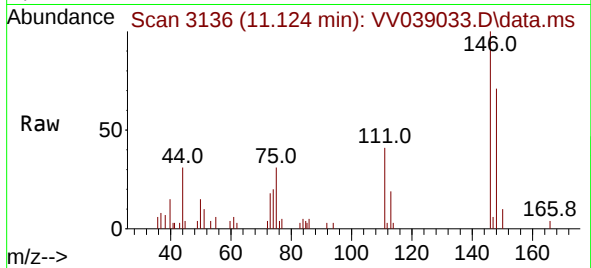




#87
 1,3-Dichlorobenzene
 Concen: 0.572 ug/l
 RT: 11.124 min Scan# 3136
 Delta R.T. 0.019 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

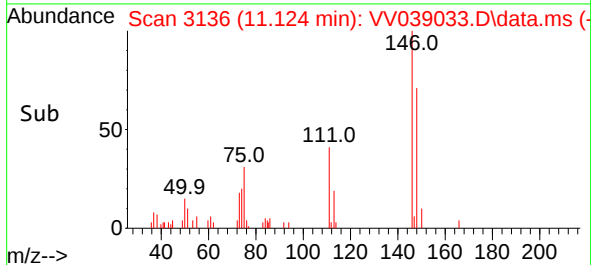
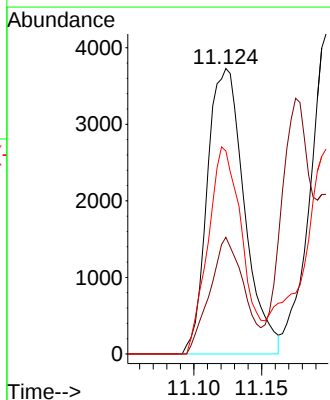
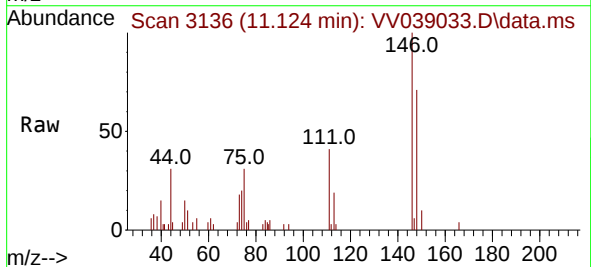
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

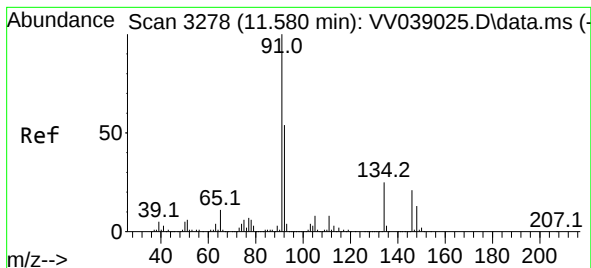
Tgt Ion:146 Resp: 7101
 Ion Ratio Lower Upper
 146 100
 111 37.7 20.5 61.6
 148 67.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 0.531 ug/l
 RT: 11.124 min Scan# 3136
 Delta R.T. -0.074 min
 Lab File: VV039033.D
 Acq: 25 Aug 2025 15:32

Tgt Ion:146 Resp: 7101
 Ion Ratio Lower Upper
 146 100
 111 37.7 20.1 60.3
 148 67.4 32.5 97.4





#89

n-Butylbenzene

Concen: 0.350 ug/l

RT: 11.596 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV039033.D

Acq: 25 Aug 2025 15:32

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

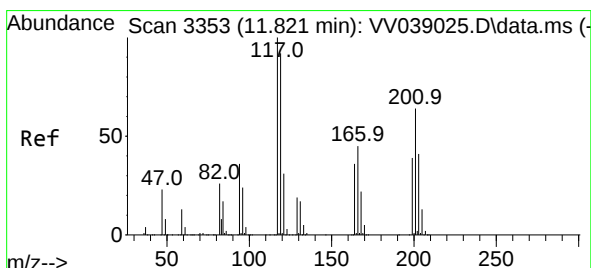
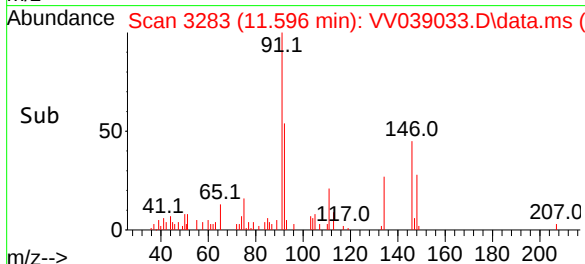
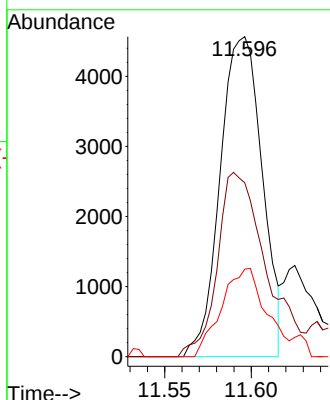
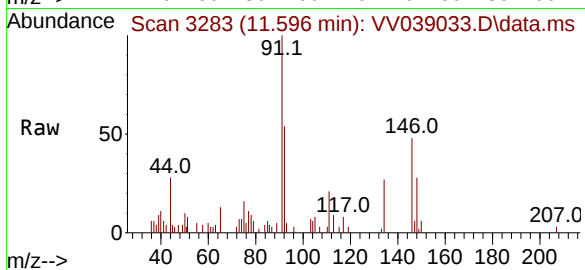
Tgt Ion: 91 Resp: 7735

Ion Ratio Lower Upper

91 100

92 66.4 26.8 80.4

134 29.3 12.2 36.6



#90

Hexachloroethane

Concen: 0.602 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.003 min

Lab File: VV039033.D

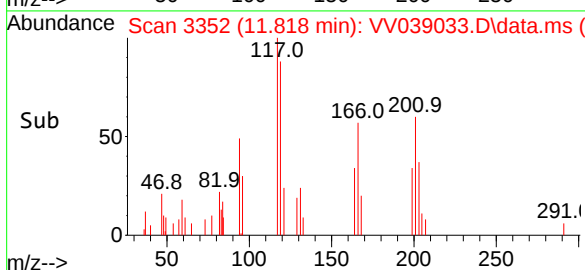
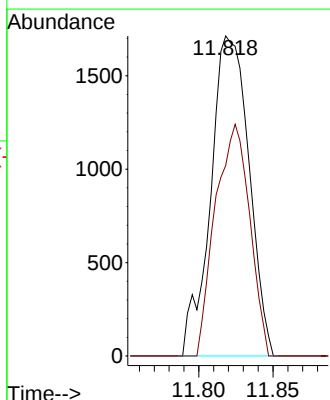
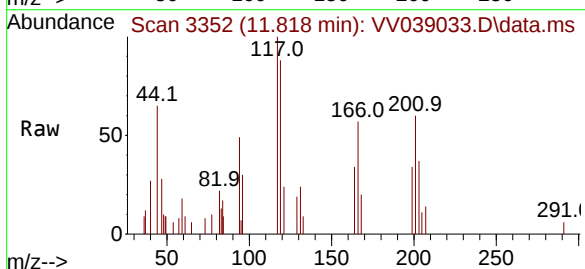
Acq: 25 Aug 2025 15:32

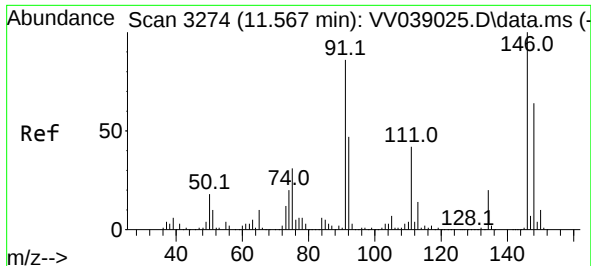
Tgt Ion: 117 Resp: 3083

Ion Ratio Lower Upper

117 100

201 64.6 32.2 96.6

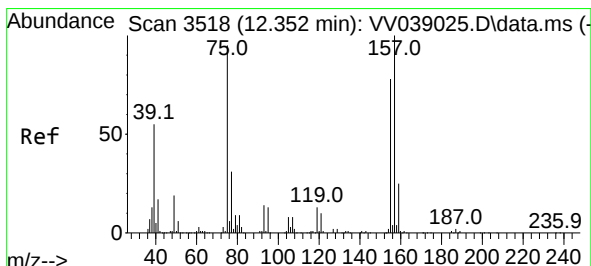
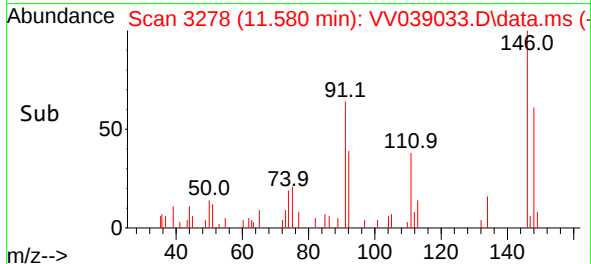
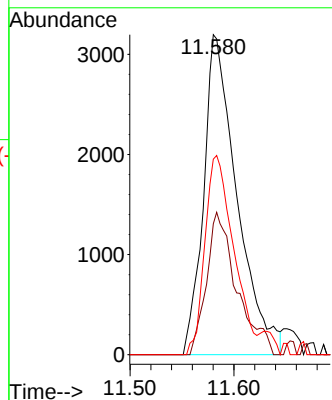
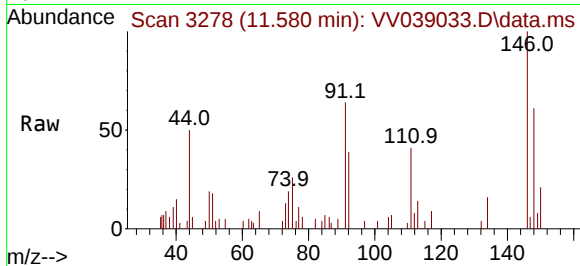




#91
1,2-Dichlorobenzene
Concen: 0.592 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

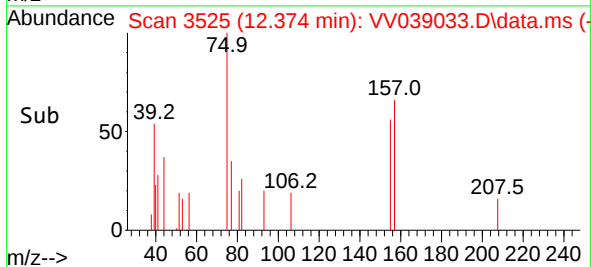
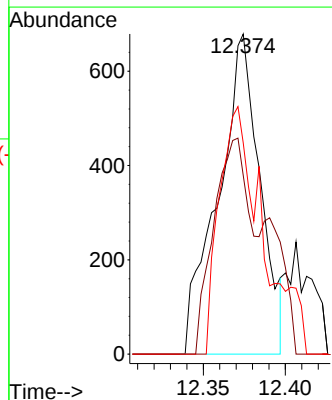
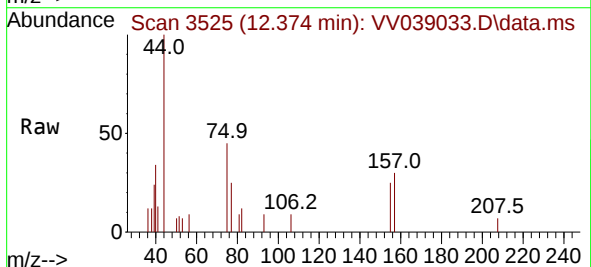
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

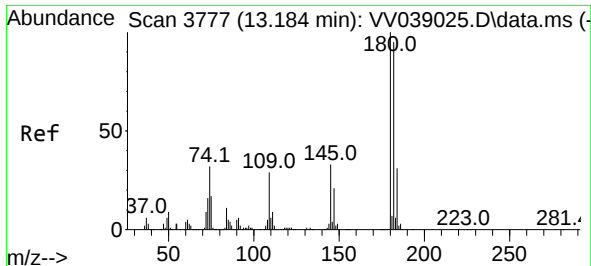
Tgt Ion:	146	Resp:	7121
Ion	Ratio	Lower	Upper
146	100		
111	40.4	21.1	63.4
148	53.6	32.3	96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.560 ug/l
RT: 12.374 min Scan# 3525
Delta R.T. 0.023 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion:	75	Resp:	1201
Ion	Ratio	Lower	Upper
75	100		
155	60.4	40.9	122.7
157	80.1	53.4	160.3

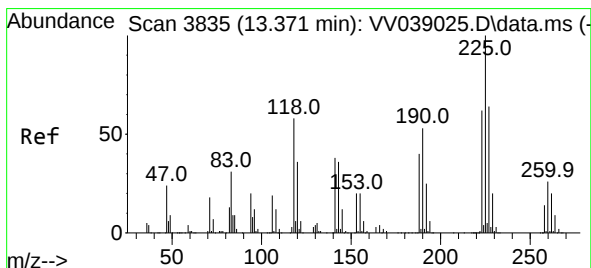
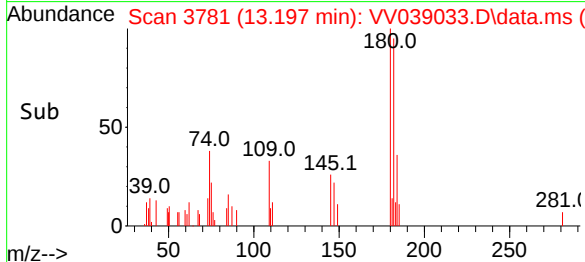
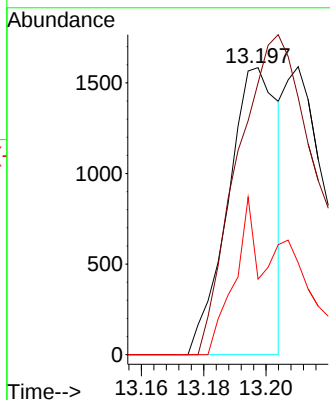
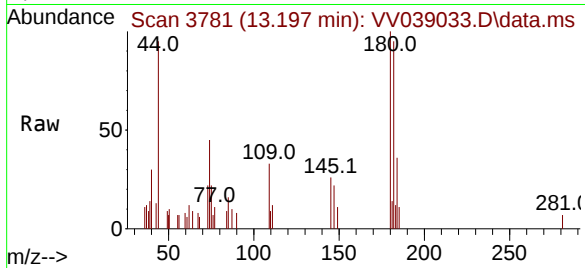




#93
1,2,4-Trichlorobenzene
Concen: 0.251 ug/l
RT: 13.197 min Scan# 3781
Delta R.T. 0.013 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

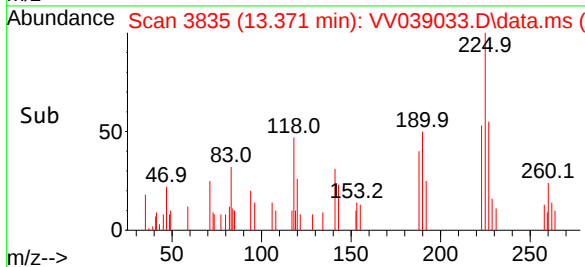
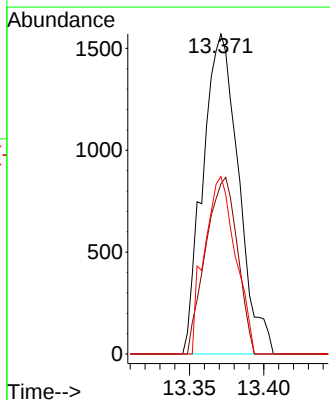
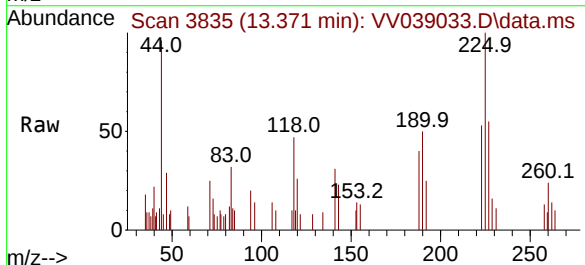
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

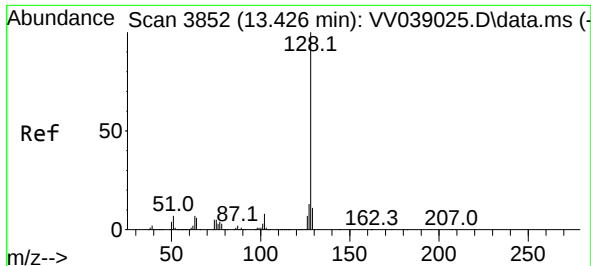
Tgt Ion:180 Resp: 1748
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.6#
145 30.0 16.3 48.9



#94
Hexachlorobutadiene
Concen: 0.806 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. 0.000 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion:225 Resp: 2626
Ion Ratio Lower Upper
225 100
223 49.0 32.1 96.5
227 48.1 31.6 95.0

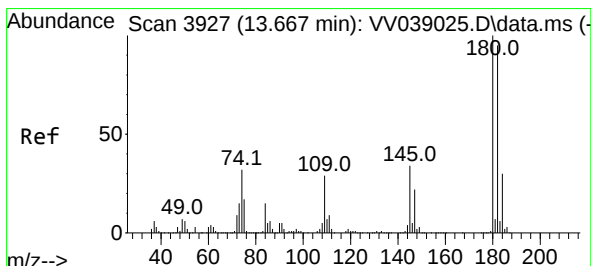
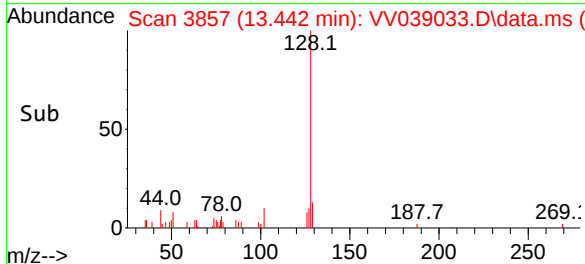
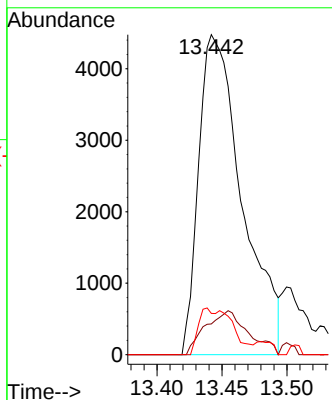
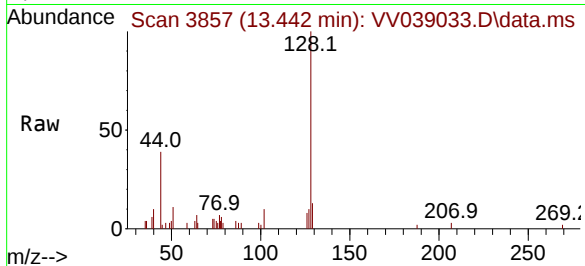




#95
Naphthalene
Concen: 0.431 ug/l
RT: 13.442 min Scan# 3911
Delta R.T. 0.016 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

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

Tgt Ion:128 Resp: 10427
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 5.7 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 0.494 ug/l
RT: 13.680 min Scan# 3931
Delta R.T. 0.013 min
Lab File: VV039033.D
Acq: 25 Aug 2025 15:32

Tgt Ion:180 Resp: 3492
Ion Ratio Lower Upper
180 100
182 85.2 47.0 141.0
145 33.4 17.0 51.0

