

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW111325\
 Data File : VW039381.D
 Acq On : 13 Nov 2025 14:33
 Operator : SY/MD
 Sample : Q3530-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-03-QT4-2025

Quant Time: Nov 14 05:50:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 05:49:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	708199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1087999	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1038161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	548631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	472241	54.051	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 108.100%	
35) Dibromofluoromethane	4.503	113	409984	49.130	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 98.260%	
50) Toluene-d8	7.236	98	1172185	42.508	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 85.020%#	
62) 4-Bromofluorobenzene	10.001	95	426113	40.214	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 80.420%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	2662	0.630	ug/l	93
3) Chloromethane	1.230	50	2579	0.654	ug/l	92
4) Vinyl Chloride	1.298	62	3158	0.649	ug/l #	86
5) Bromomethane	1.497	94	2660	0.918	ug/l	92
6) Chloroethane	1.565	64	2325	0.647	ug/l #	68
7) Trichlorofluoromethane	1.725	101	6327	0.638	ug/l	85
8) Diethyl Ether	2.021	74	441	0.117	ug/l	55
9) 1,1,2-Trichlorotrifluo...	2.085	101	4018	0.616	ug/l	94
10) Methyl Iodide	2.204	142	3483	0.868	ug/l #	76
11) Tert butyl alcohol	2.577	59	4700	5.022	ug/l #	85
12) 1,1-Dichloroethene	2.082	96	3375	0.655	ug/l	91
13) Acrolein	2.005	56	163	1.856	ug/l #	1
14) Allyl chloride	2.368	41	5119	0.557	ug/l #	65
15) Acrylonitrile	2.642	53	282	0.078	ug/l #	18
16) Acetone	2.124	43	21942	4.747	ug/l	92
17) Carbon Disulfide	2.253	76	6005	0.737	ug/l #	88
18) Methyl Acetate	2.404	43	3846	0.311	ug/l #	83
19) Methyl tert-butyl Ether	2.716	73	11606	0.599	ug/l	91
20) Methylene Chloride	2.465	84	5357	0.751	ug/l #	81
21) trans-1,2-Dichloroethene	2.716	96	2860	0.559	ug/l #	90
22) Diisopropyl ether	3.224	45	9204	0.461	ug/l #	45
23) Vinyl Acetate	3.243	43	28947	2.054	ug/l	97
24) 1,1-Dichloroethane	3.130	63	8063	0.664	ug/l #	92
25) 2-Butanone	3.831	43	245	0.051	ug/l #	80
26) 2,2-Dichloropropane	3.815	77	3400	0.333	ug/l	96
27) cis-1,2-Dichloroethene	3.860	96	2147	0.309	ug/l	45
28) Bromochloromethane	4.127	49	221	0.042	ug/l #	8
29) Tetrahydrofuran	4.230	42	262	0.097	ug/l #	52
30) Chloroform	4.281	83	3303	0.246	ug/l	87
31) Cyclohexane	4.603	56	14829	1.952	ug/l #	17
32) 1,1,1-Trichloroethane	4.523	97	6033	0.538	ug/l #	25
36) 1,1-Dichloropropene	4.770	75	1593	0.222	ug/l #	66
37) Ethyl Acetate	3.989	43	7642	0.692	ug/l #	80
38) Carbon Tetrachloride	4.738	117	5555	0.520	ug/l #	78
39) Methylcyclohexane	6.043	83	4348	0.568	ug/l #	78
40) Benzene	5.031	78	13117	0.522	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111325\
 Data File : VV039381.D
 Acq On : 13 Nov 2025 14:33
 Operator : SY/MD
 Sample : Q3530-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-03-QT4-2025

Quant Time: Nov 14 05:50:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 05:49:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	202	0.051	ug/l #	1
42) 1,2-Dichloroethane	5.060	62	5231	0.534	ug/l	86
43) Isopropyl Acetate	5.166	43	380	0.026	ug/l #	46
44) Trichloroethene	5.860	130	4022	0.590	ug/l	84
45) 1,2-Dichloropropane	6.108	63	3210	0.472	ug/l	98
46) Dibromomethane	6.220	93	157	0.029	ug/l #	1
47) Bromodichloromethane	6.449	83	7406	0.625	ug/l #	92
48) Methyl methacrylate	6.310	41	627	0.092	ug/l #	28
49) 1,4-Dioxane	6.281	88	175	1.658	ug/l #	1
51) 4-Methyl-2-Pentanone	7.166	43	20581	2.047	ug/l #	85
52) Toluene	7.323	92	8448	0.536	ug/l	100
53) t-1,3-Dichloropropene	7.580	75	67	0.007	ug/l #	44
54) cis-1,3-Dichloropropene	6.934	75	290	0.027	ug/l #	1
55) 1,1,2-Trichloroethane	7.780	97	4073	0.511	ug/l #	89
56) Ethyl methacrylate	7.719	69	353	0.037	ug/l #	62
57) 1,3-Dichloropropane	7.850	76	307	0.025	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.738	63	307	0.112	ug/l	91
59) 2-Hexanone	8.108	43	8411	1.170	ug/l	71
60) Dibromochloromethane	8.178	129	5946	0.582	ug/l	93
61) 1,2-Dibromoethane	8.294	107	4400	0.566	ug/l	97
64) Tetrachloroethene	7.908	164	3995	0.623	ug/l	93
65) Chlorobenzene	8.809	112	11574	0.560	ug/l	90
66) 1,1,1,2-Tetrachloroethane	8.905	131	4918	0.570	ug/l #	64
67) Ethyl Benzene	8.950	91	14601	0.488	ug/l	99
68) m/p-Xylenes	9.079	106	10513	0.931	ug/l	84
69) o-Xylene	9.477	106	5145	0.482	ug/l	87
70) Styrene	9.481	104	377	0.020	ug/l #	13
71) Bromoform	9.670	173	5576	0.697	ug/l #	97
73) Isopropylbenzene	9.863	105	14198	0.530	ug/l	91
74) N-amyl acetate	9.719	43	89	0.008	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	10.175	83	7505	0.643	ug/l	95
76) 1,2,3-Trichloropropane	10.001	75	210003	24.661	ug/l #	55
77) Bromobenzene	10.153	156	5682	0.687	ug/l	84
78) n-propylbenzene	10.288	91	16321	0.532	ug/l	97
79) 2-Chlorotoluene	10.358	91	11351	0.578	ug/l	95
80) 1,3,5-Trimethylbenzene	10.471	105	11241	0.513	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.001	75	210003	66.107	ug/l #	10
82) 4-Chlorotoluene	10.484	91	9779	0.445	ug/l	93
83) tert-Butylbenzene	10.792	119	13311	0.553	ug/l	92
84) 1,2,4-Trimethylbenzene	10.850	105	10192	0.478	ug/l	89
85) sec-Butylbenzene	11.018	105	14443	0.506	ug/l	95
86) p-Isopropyltoluene	11.172	119	12780	0.519	ug/l #	75
87) 1,3-Dichlorobenzene	11.120	146	9319	0.588	ug/l	96
88) 1,4-Dichlorobenzene	11.120	146	9319	0.539	ug/l	96
89) n-Butylbenzene	11.590	91	11276	0.513	ug/l	91
90) Hexachloroethane	11.821	117	4213	0.686	ug/l	85
91) 1,2-Dichlorobenzene	11.583	146	9879	0.636	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.175	75	111	0.046	ug/l	63
93) 1,2,4-Trichlorobenzene	13.201	180	5750	0.584	ug/l	90
94) Hexachlorobutadiene	13.368	225	4280	0.815	ug/l	94
95) Naphthalene	13.442	128	11770	0.446	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.677	180	6059	0.596	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111325\
Data File : VV039381.D
Acq On : 13 Nov 2025 14:33
Operator : SY/MD
Sample : Q3530-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

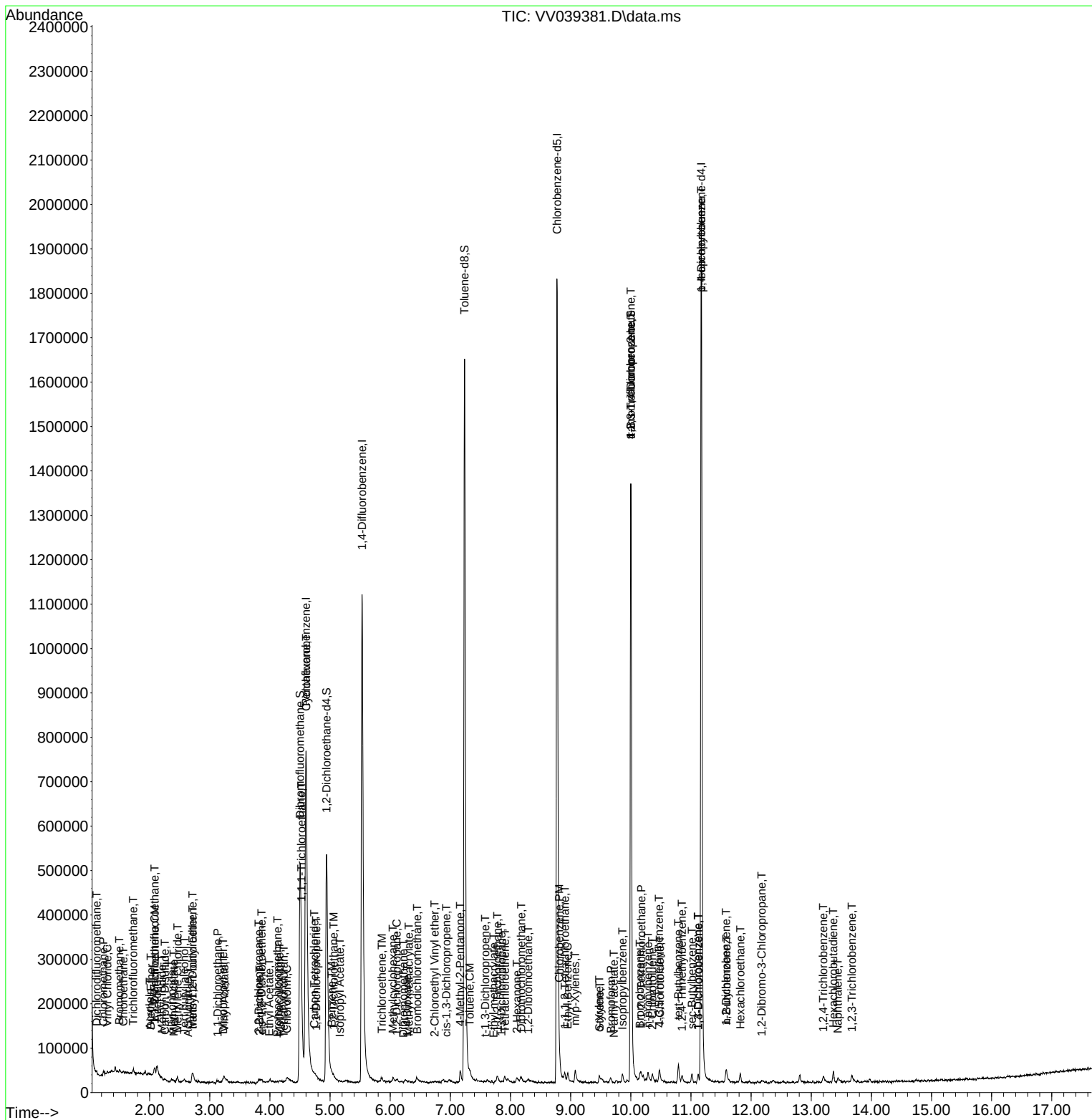
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

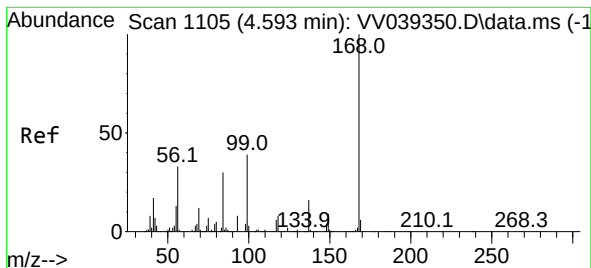
Quant Time: Nov 14 05:50:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 14 05:49:16 2025
Response via : Initial Calibration

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

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

Quant Time: Nov 14 05:50:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 14 05:49:16 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

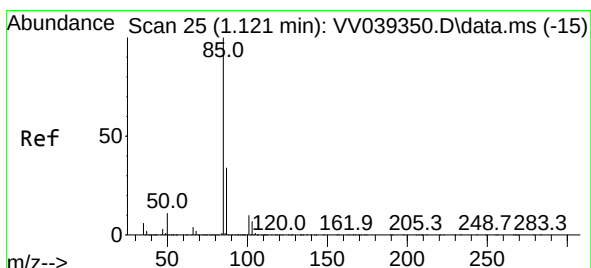
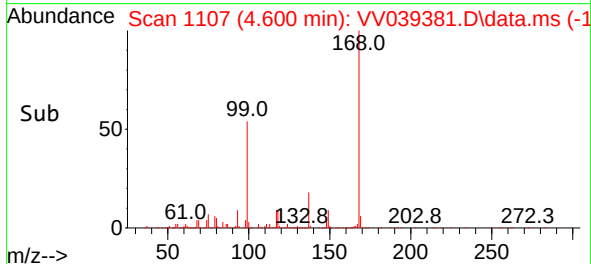
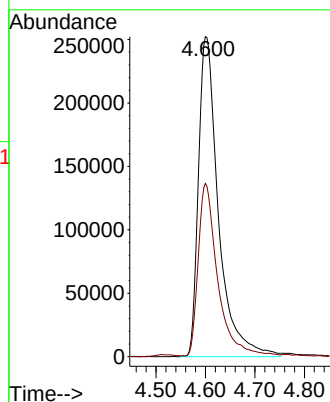
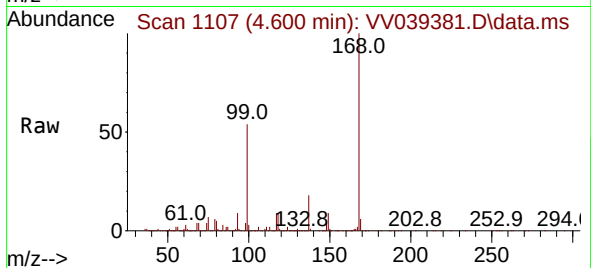
MDL-WATER-03-QT4-2025

Tgt Ion:168 Resp: 708199

Ion Ratio Lower Upper

168 100

99 53.8 41.2 61.8



#2

Dichlorodifluoromethane

Concen: 0.630 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039381.D

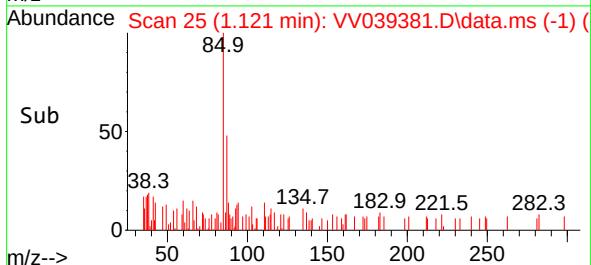
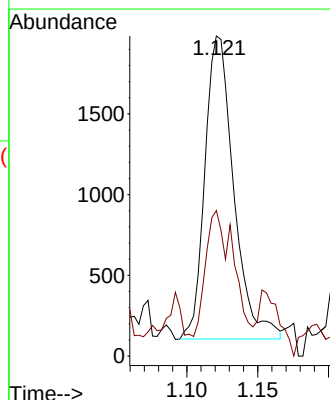
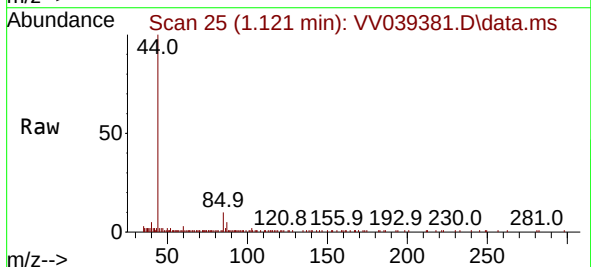
Acq: 13 Nov 2025 14:33

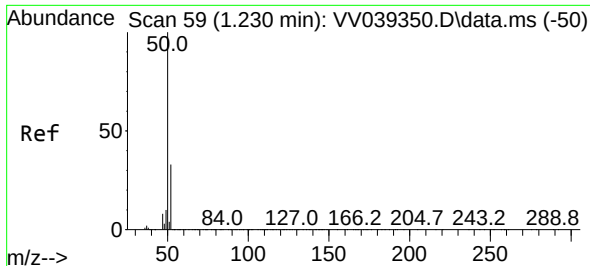
Tgt Ion: 85 Resp: 2662

Ion Ratio Lower Upper

85 100

87 37.9 16.9 50.7

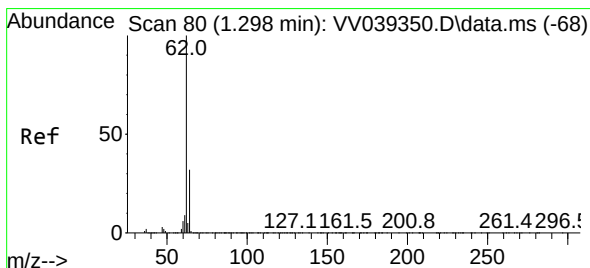
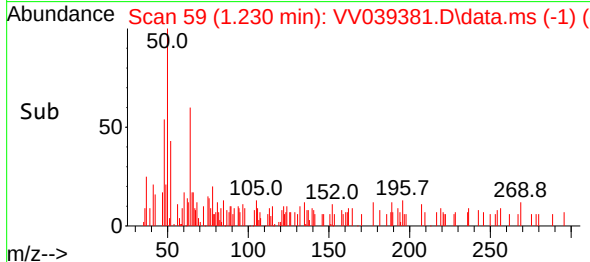
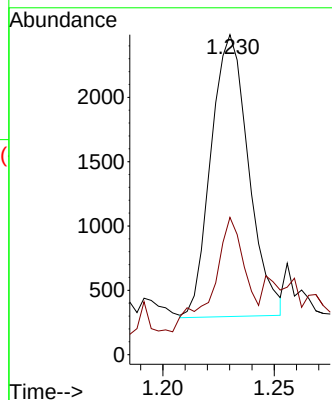
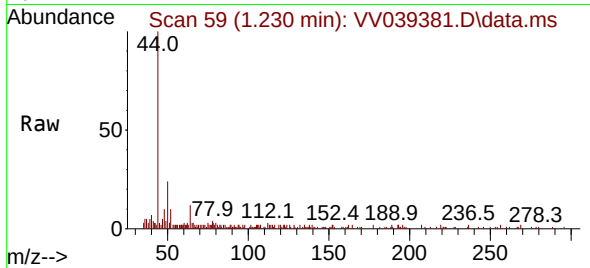




#3
Chloromethane
Concen: 0.654 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

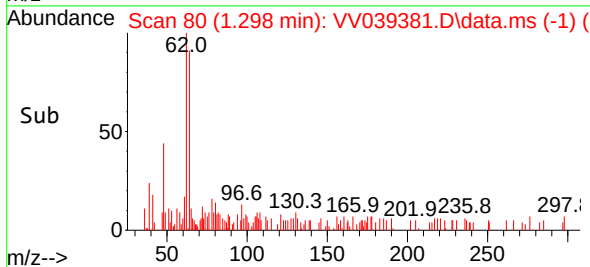
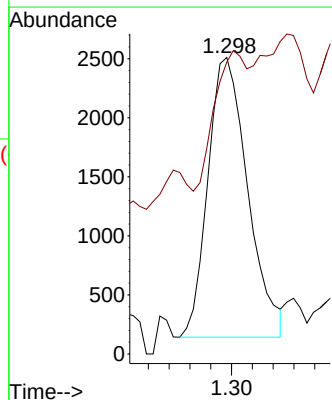
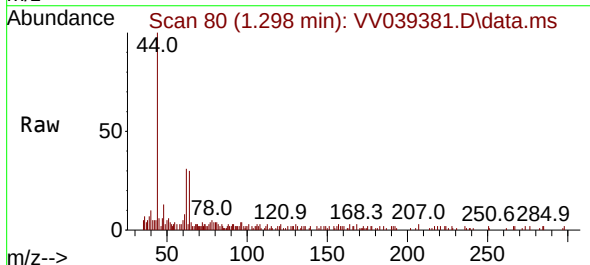
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

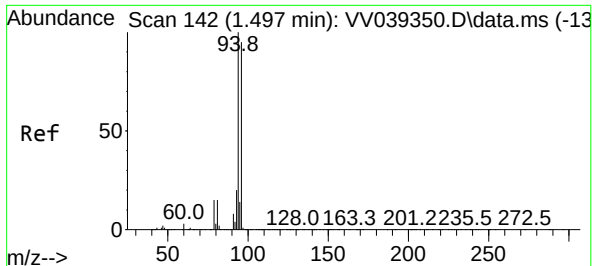
Tgt Ion: 50 Resp: 2579
Ion Ratio Lower Upper
50 100
52 37.8 26.6 39.8



#4
Vinyl Chloride
Concen: 0.649 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 62 Resp: 3158
Ion Ratio Lower Upper
62 100
64 39.4 25.3 37.9#

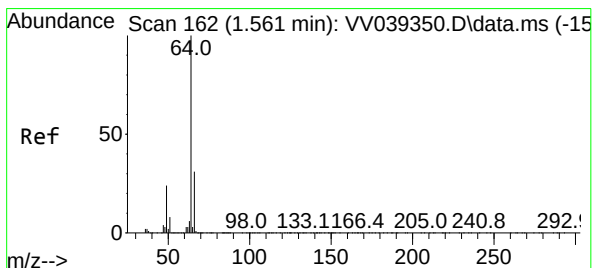
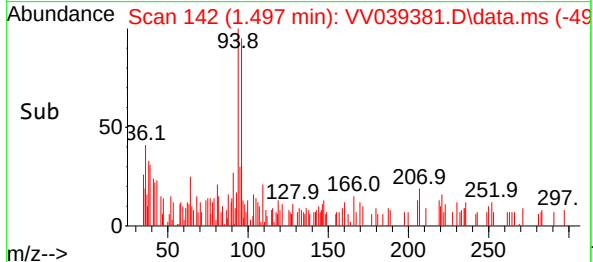
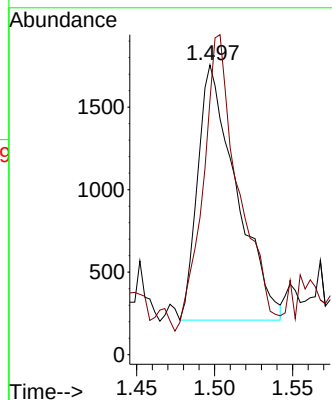
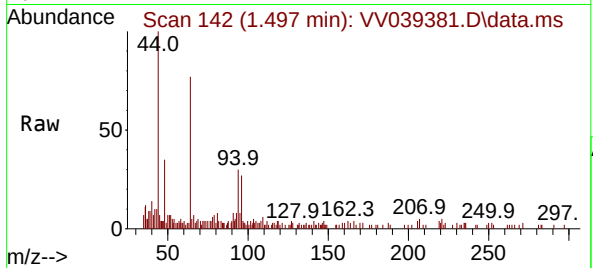




#5
Bromomethane
Concen: 0.918 ug/l
RT: 1.497 min Scan# 142
Delta R.T. 0.000 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

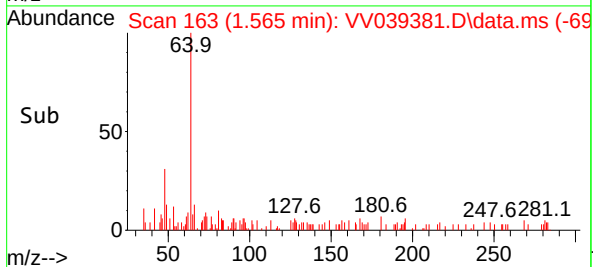
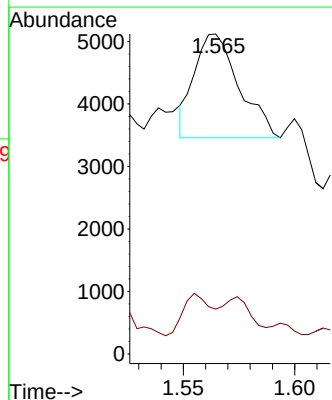
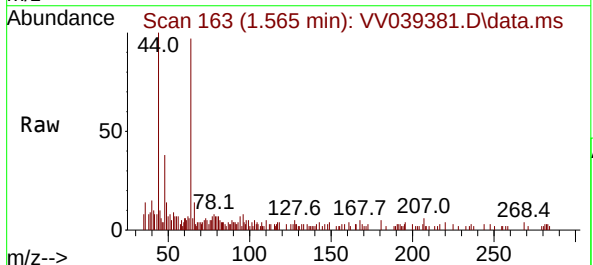
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

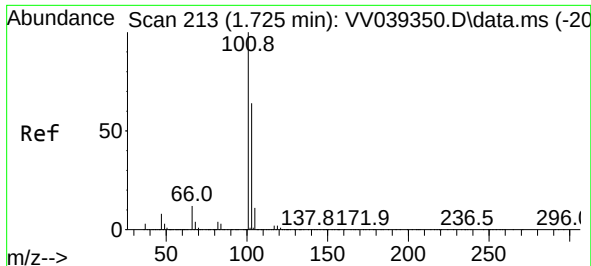
Tgt Ion: 94 Resp: 2660
Ion Ratio Lower Upper
94 100
96 87.1 75.6 113.4



#6
Chloroethane
Concen: 0.647 ug/l
RT: 1.565 min Scan# 163
Delta R.T. 0.004 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 64 Resp: 2325
Ion Ratio Lower Upper
64 100
66 13.6 24.7 37.1#

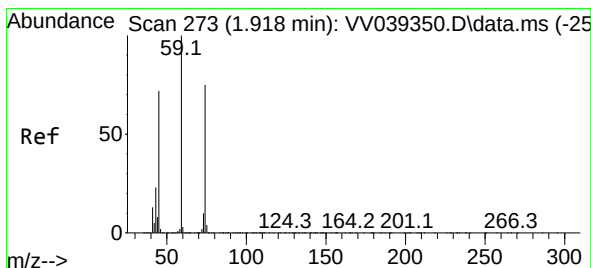
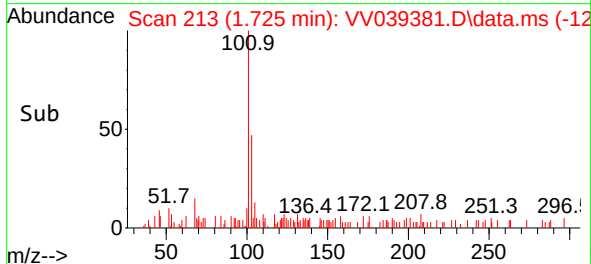
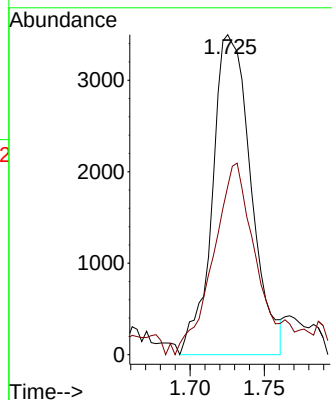
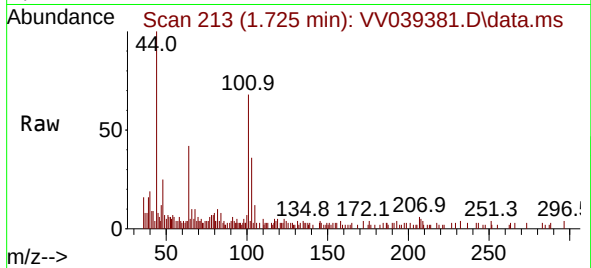




#7
Trichlorofluoromethane
Concen: 0.638 ug/l
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

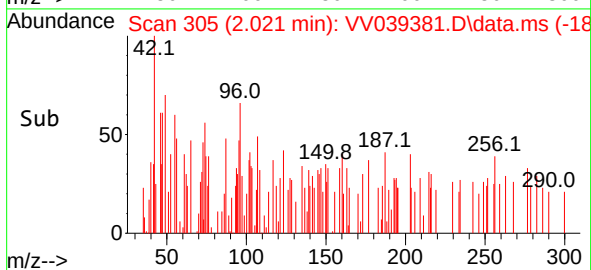
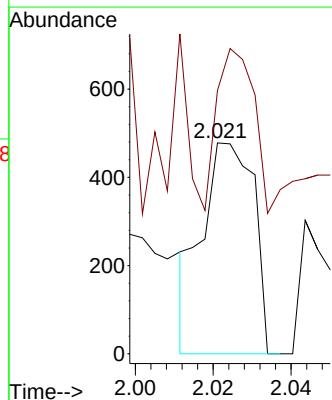
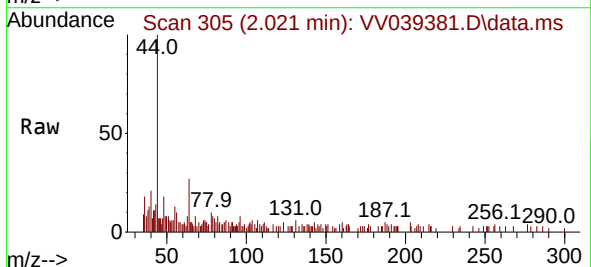
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

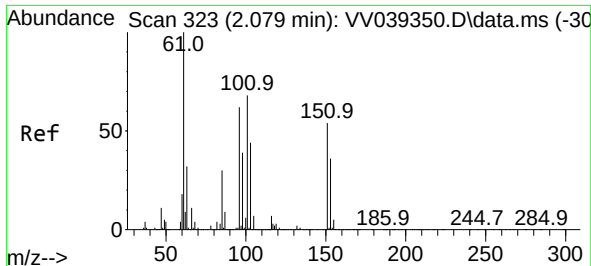
Tgt Ion:101 Resp: 6327
Ion Ratio Lower Upper
101 100
103 52.0 50.9 76.3



#8
Diethyl Ether
Concen: 0.117 ug/l
RT: 2.021 min Scan# 305
Delta R.T. 0.103 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 74 Resp: 441
Ion Ratio Lower Upper
74 100
45 56.2 50.6 151.8

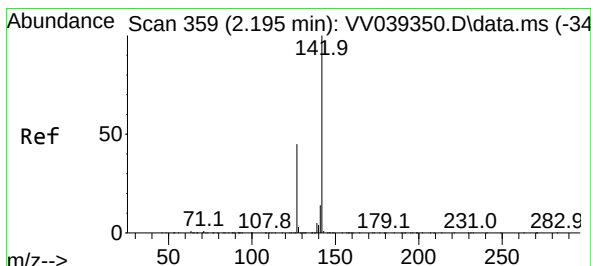
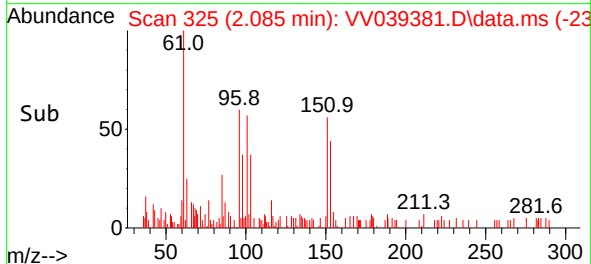
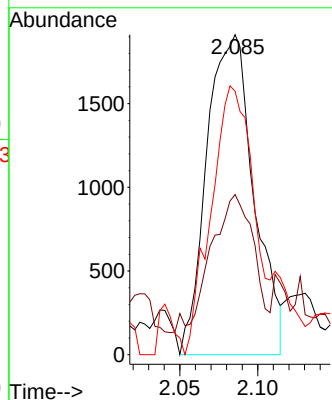
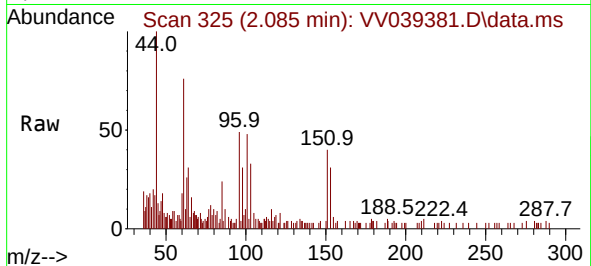




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.616 ug/l
RT: 2.085 min Scan# 311
Delta R.T. 0.006 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

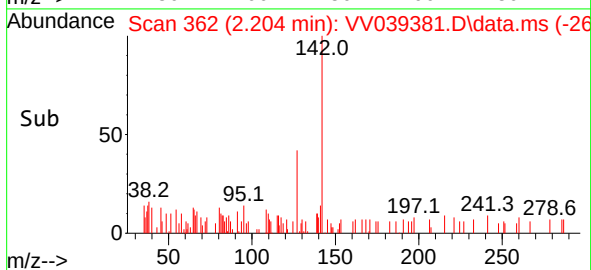
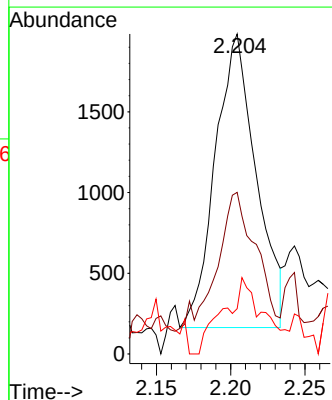
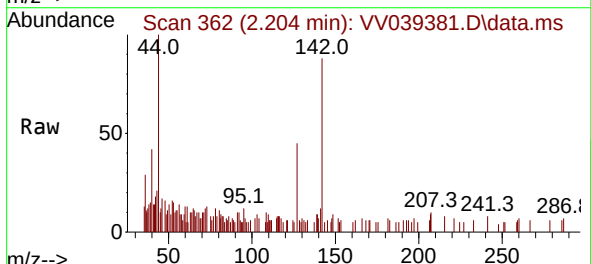
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

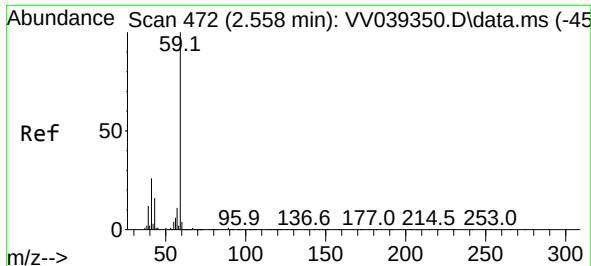
Tgt Ion:101 Resp: 4018
Ion Ratio Lower Upper
101 100
85 34.7 33.5 50.3
151 76.2 63.6 95.4



#10
Methyl Iodide
Concen: 0.868 ug/l
RT: 2.204 min Scan# 362
Delta R.T. 0.009 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion:142 Resp: 3483
Ion Ratio Lower Upper
142 100
127 59.7 35.1 52.7#
141 24.6 11.9 17.9#

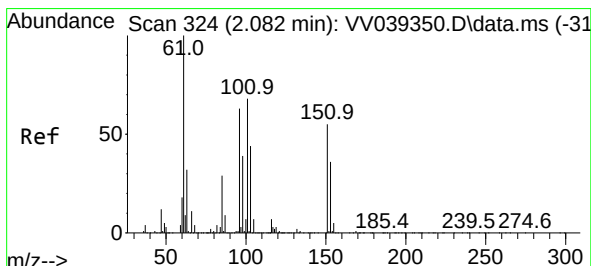
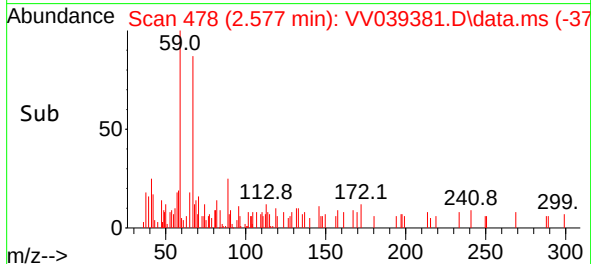
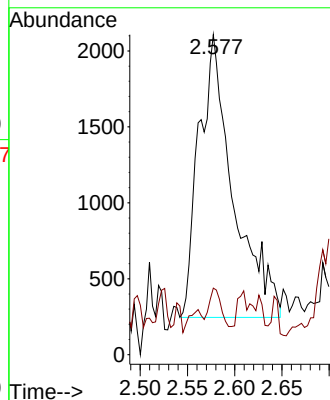
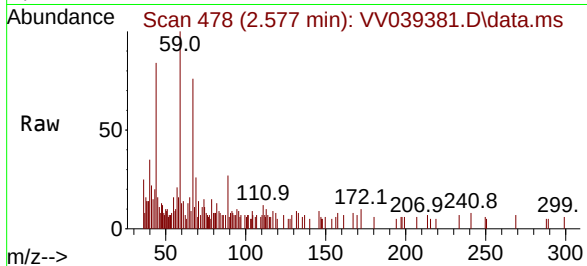




#11
Tert butyl alcohol
Concen: 5.022 ug/l
RT: 2.577 min Scan# 41
Delta R.T. 0.019 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

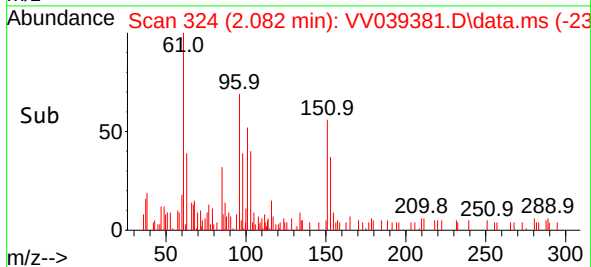
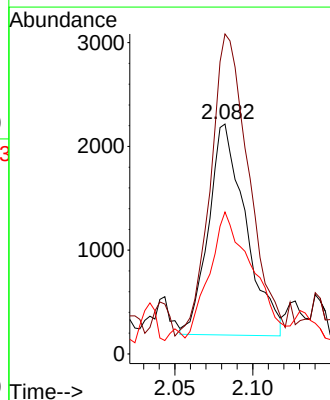
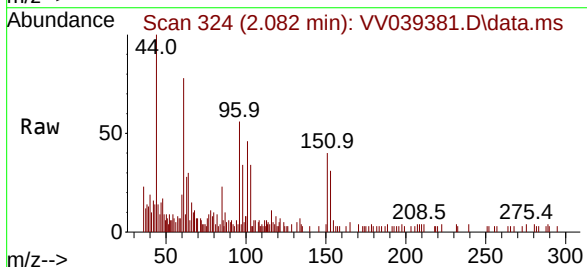
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

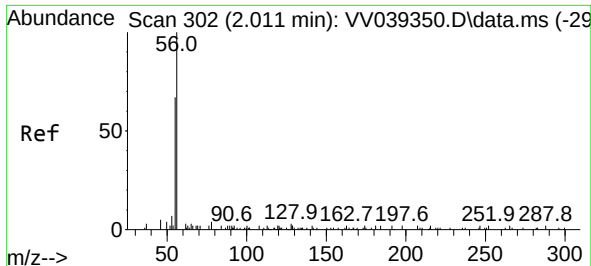
Tgt Ion: 59 Resp: 4700
Ion Ratio Lower Upper
59 100
57 4.4 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 0.655 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 96 Resp: 3375
Ion Ratio Lower Upper
96 100
61 144.9 127.8 191.6
98 59.0 50.2 75.2





#13

Acrolein

Concen: 1.856 ug/l

RT: 2.005 min Scan# 302

Delta R.T. -0.006 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

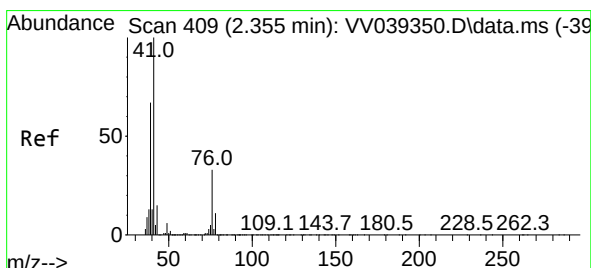
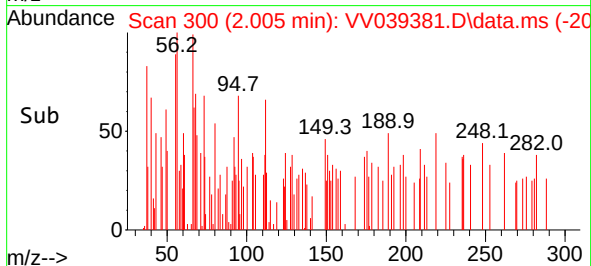
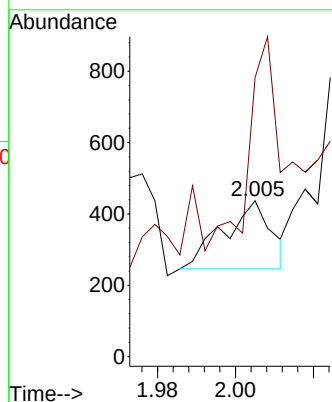
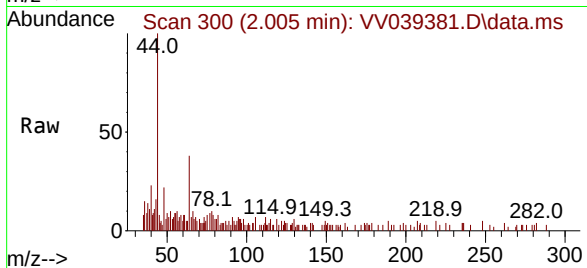
MDL-WATER-03-QT4-2025

Tgt Ion: 56 Resp: 163

Ion Ratio Lower Upper

56 100

55 168.1 55.2 82.8#



#14

Allyl chloride

Concen: 0.557 ug/l

RT: 2.368 min Scan# 413

Delta R.T. 0.013 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

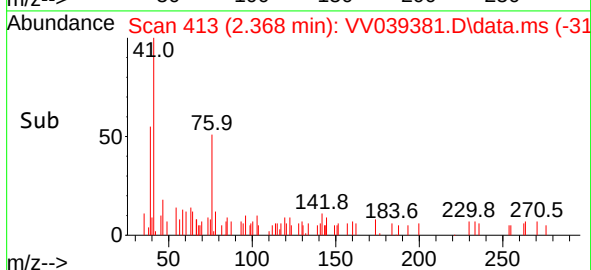
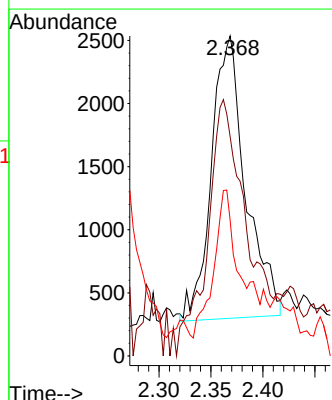
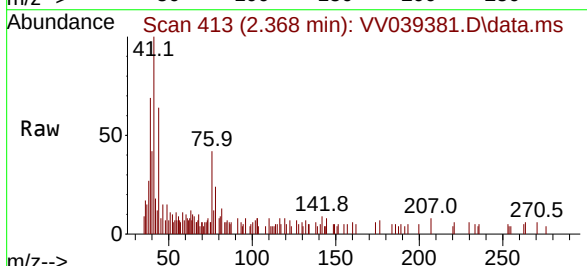
Tgt Ion: 41 Resp: 5119

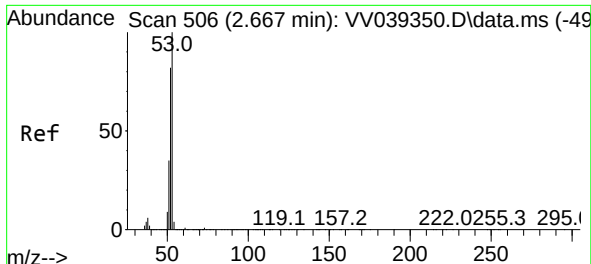
Ion Ratio Lower Upper

41 100

39 104.2 50.7 76.1#

76 34.6 27.0 40.6

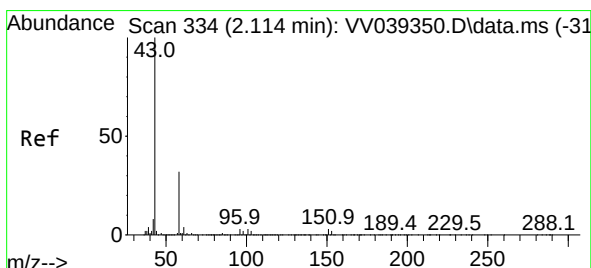
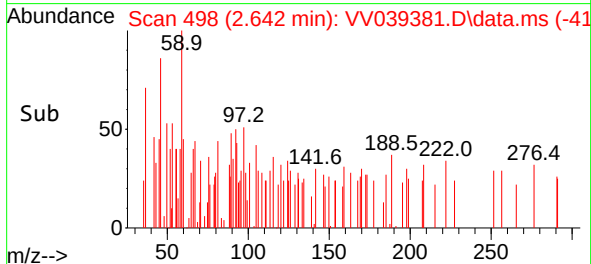
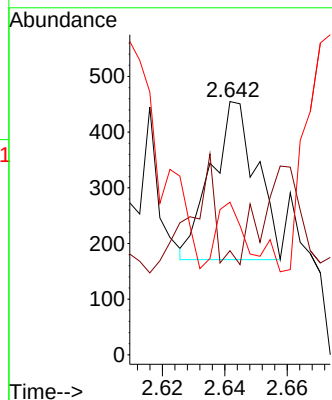
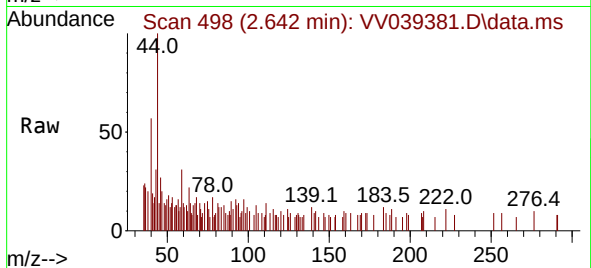




#15
Acrylonitrile
Concen: 0.078 ug/l
RT: 2.642 min Scan# 498
Delta R.T. -0.025 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

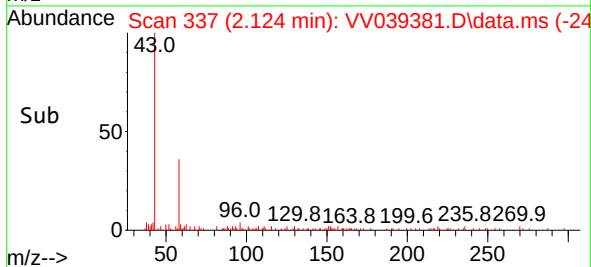
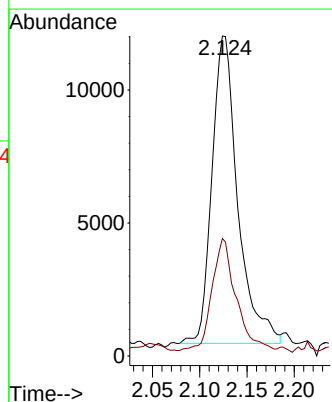
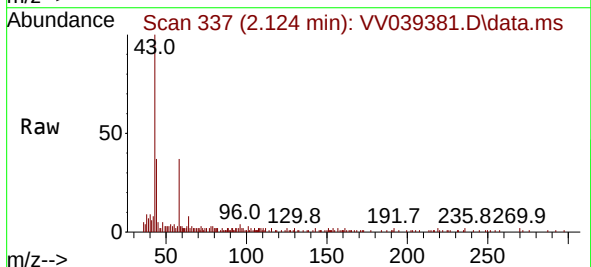
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

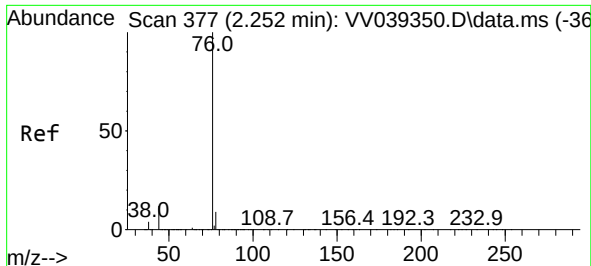
Tgt Ion: 53 Resp: 282
Ion Ratio Lower Upper
53 100
52 0.0 65.2 97.8#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 4.747 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.010 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 43 Resp: 21942
Ion Ratio Lower Upper
43 100
58 36.4 25.5 38.3

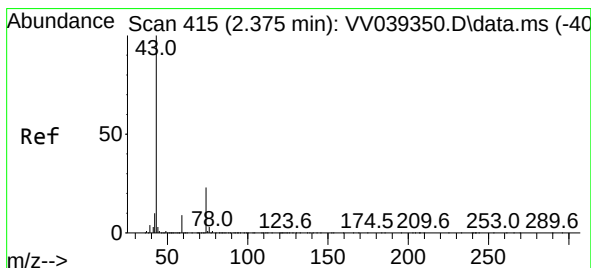
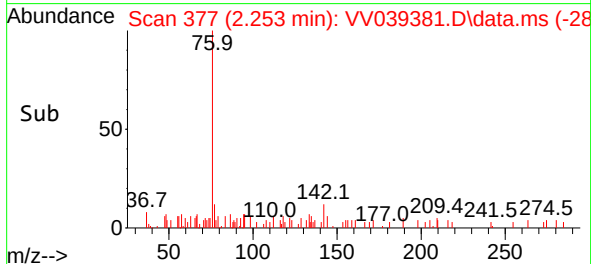
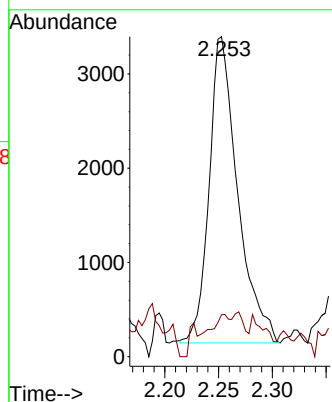
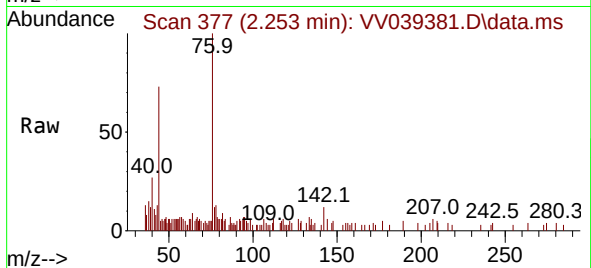




#17
Carbon Disulfide
Concen: 0.737 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.001 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

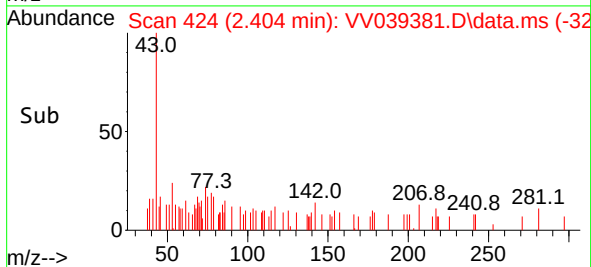
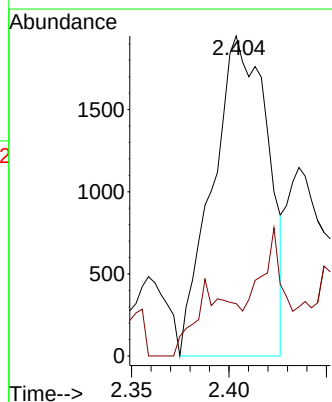
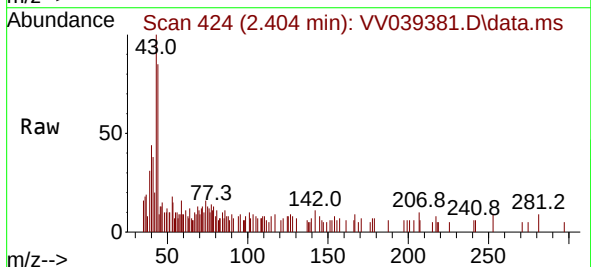
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

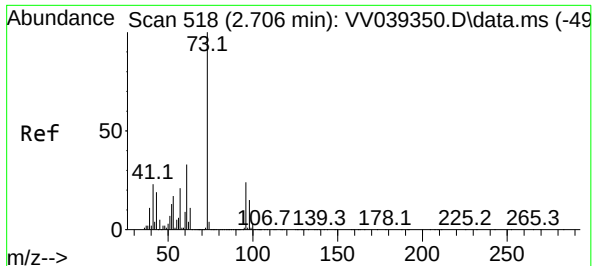
Tgt Ion: 76 Resp: 6005
Ion Ratio Lower Upper
76 100
78 13.7 7.4 11.0#



#18
Methyl Acetate
Concen: 0.311 ug/l
RT: 2.404 min Scan# 424
Delta R.T. 0.029 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 43 Resp: 3846
Ion Ratio Lower Upper
43 100
74 15.5 18.9 28.3#

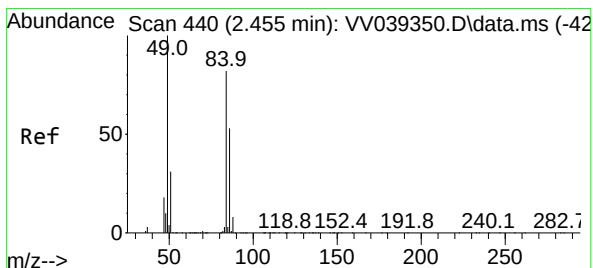
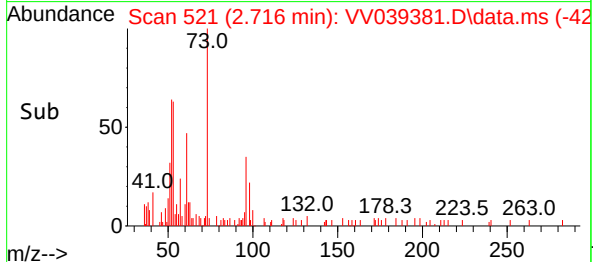
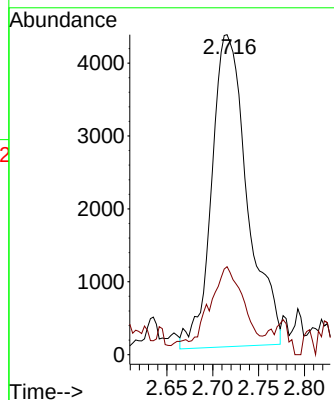
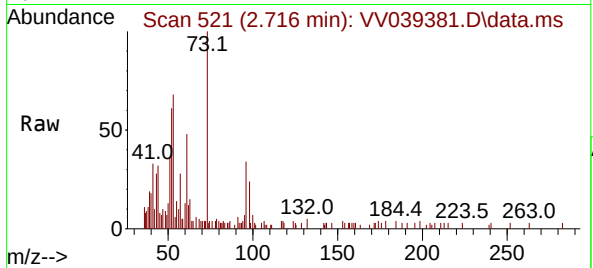




#19
Methyl tert-butyl Ether
Concen: 0.599 ug/l
RT: 2.716 min Scan# 518
Delta R.T. 0.010 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

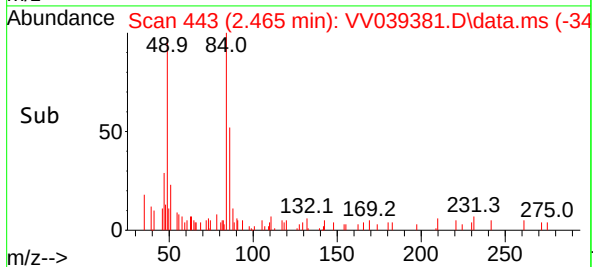
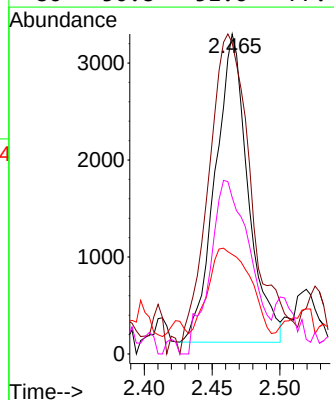
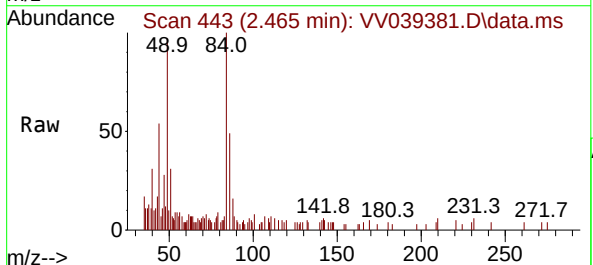
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

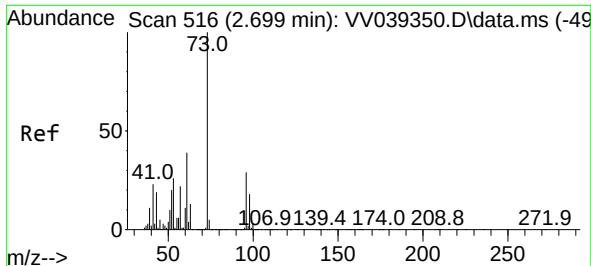
Tgt Ion: 73 Resp: 11606
Ion Ratio Lower Upper
73 100
57 25.4 17.0 25.6



#20
Methylene Chloride
Concen: 0.751 ug/l
RT: 2.465 min Scan# 443
Delta R.T. 0.010 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 84 Resp: 5357
Ion Ratio Lower Upper
84 100
49 101.0 97.8 146.8
51 23.4 30.2 45.4#
86 50.8 51.6 77.4#

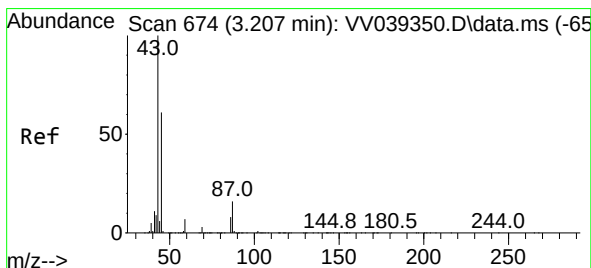
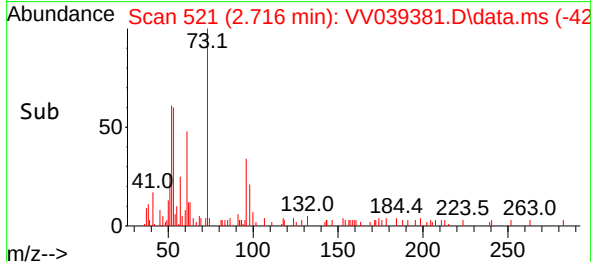
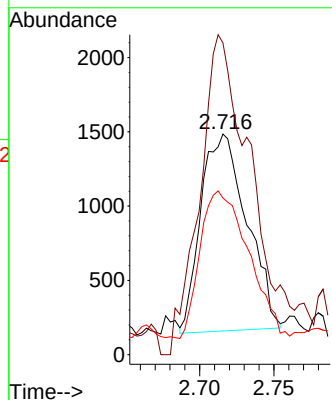
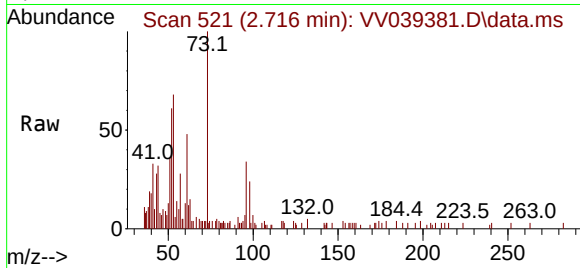




#21
trans-1,2-Dichloroethene
Concen: 0.559 ug/l
RT: 2.716 min Scan# 516
Delta R.T. 0.017 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

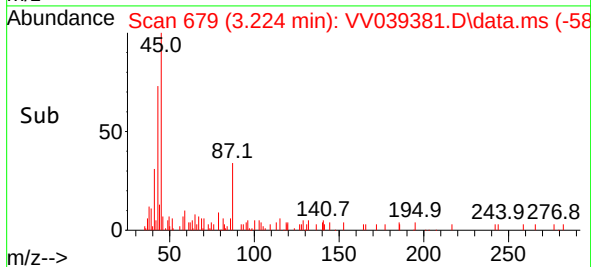
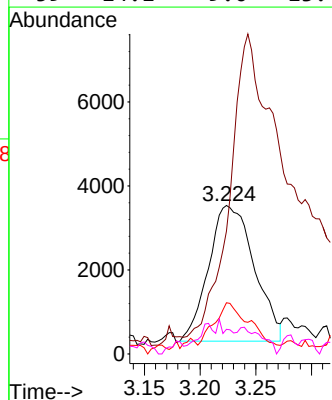
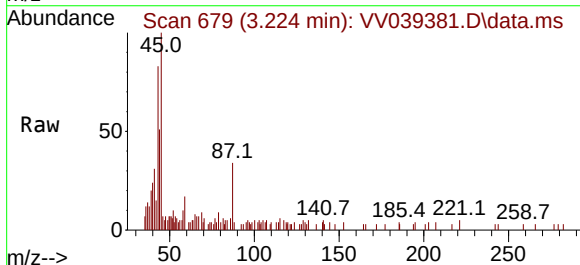
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03-QT4-2025

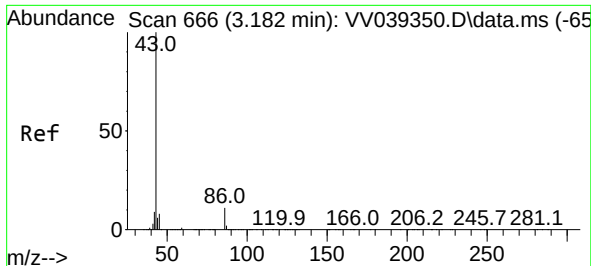
Tgt Ion: 96 Resp: 2860
Ion Ratio Lower Upper
96 100
61 140.1 108.9 163.3
98 83.2 51.7 77.5#



#22
Diisopropyl ether
Concen: 0.461 ug/l
RT: 3.224 min Scan# 679
Delta R.T. 0.017 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 45 Resp: 9204
Ion Ratio Lower Upper
45 100
43 77.9 132.1 198.1#
87 33.8 21.8 32.6#
59 14.1 9.0 13.4#

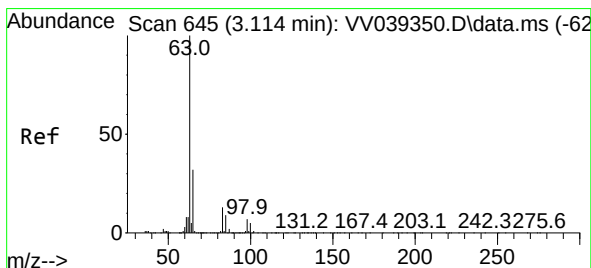
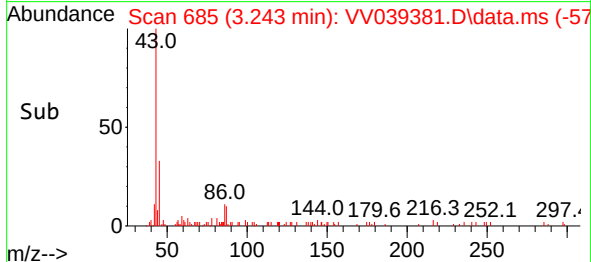
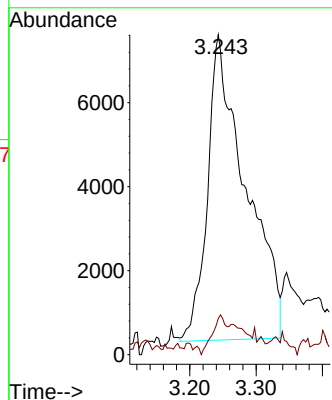
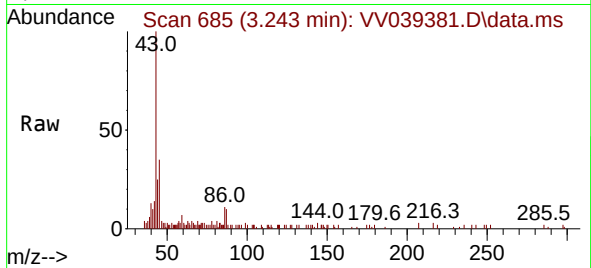




#23
 Vinyl Acetate
 Concen: 2.054 ug/l
 RT: 3.243 min Scan# 61
 Delta R.T. 0.061 min
 Lab File: VV039381.D
 Acq: 13 Nov 2025 14:33

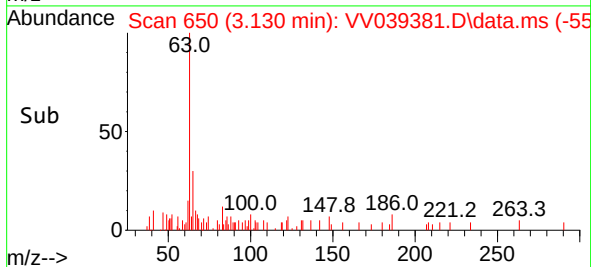
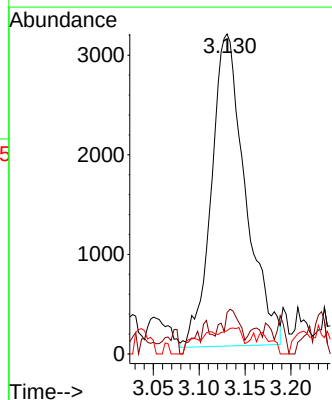
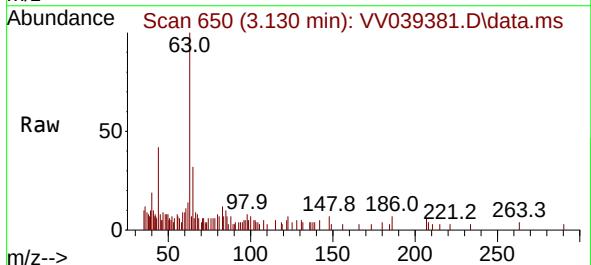
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-03-QT4-2025

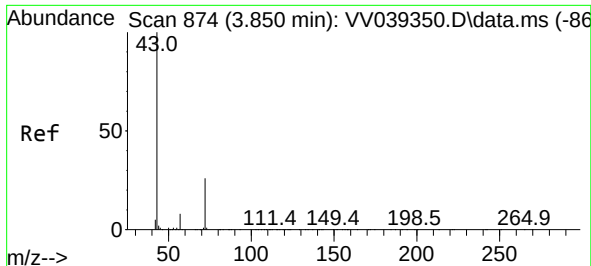
Tgt Ion: 43 Resp: 28947
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 0.664 ug/l
 RT: 3.130 min Scan# 650
 Delta R.T. 0.016 min
 Lab File: VV039381.D
 Acq: 13 Nov 2025 14:33

Tgt Ion: 63 Resp: 8063
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.5 10.5
 100 7.6 2.3 6.9#

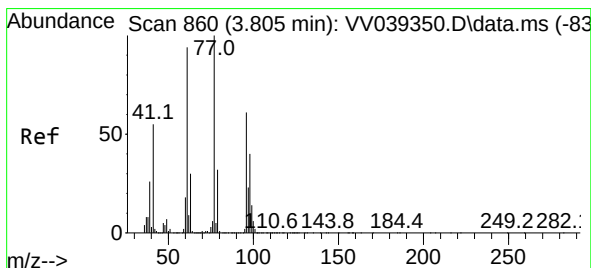
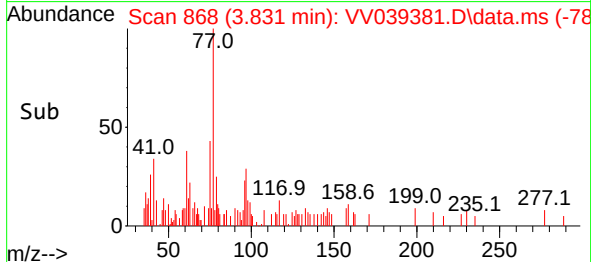
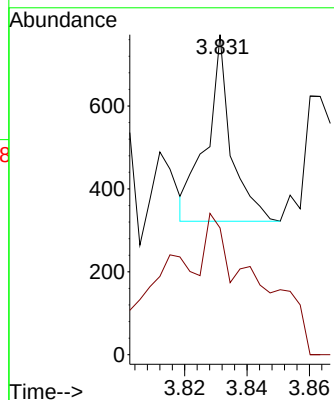
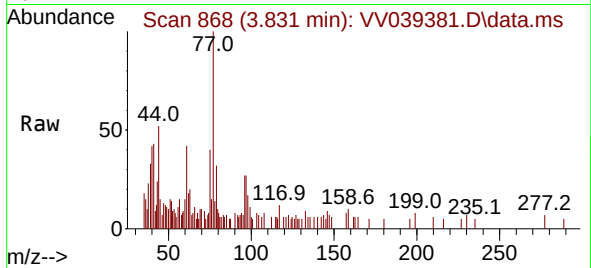




#25
2-Butanone
Concen: 0.051 ug/l
RT: 3.831 min Scan# 868
Delta R.T. -0.019 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

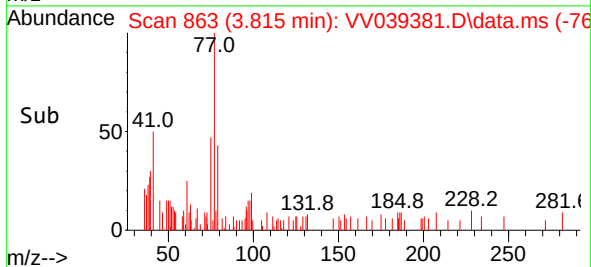
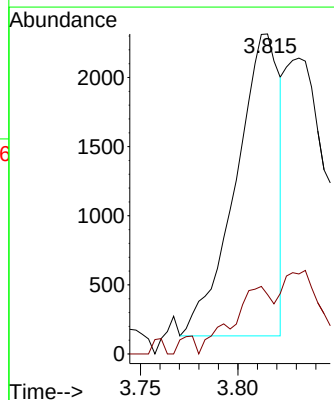
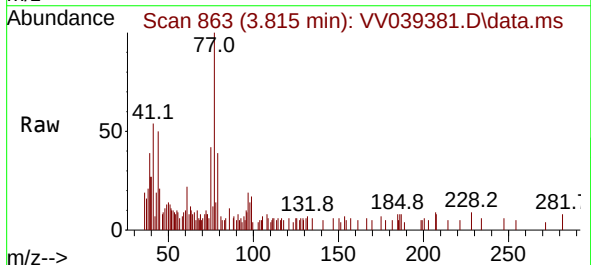
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

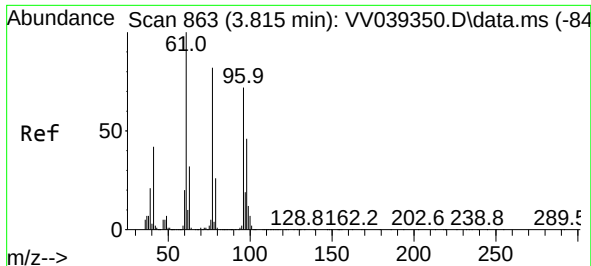
Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
72 15.6 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 0.333 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 77 Resp: 3400
Ion Ratio Lower Upper
77 100
97 20.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 0.309 ug/l

RT: 3.860 min Scan# 81

Delta R.T. 0.045 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-03-QT4-2025

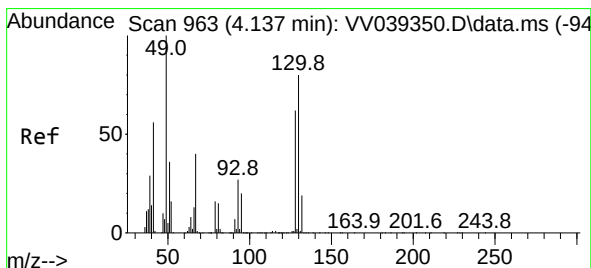
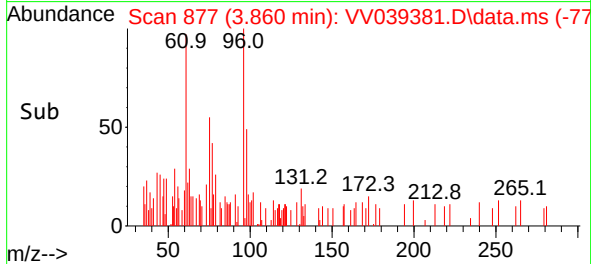
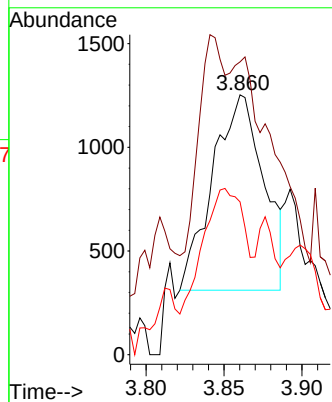
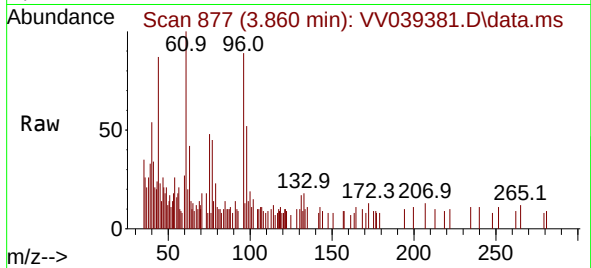
Tgt Ion: 96 Resp: 2147

Ion Ratio Lower Upper

96 100

61 55.2 0.0 287.8

98 50.4 0.0 129.6



#28

Bromochloromethane

Concen: 0.042 ug/l

RT: 4.127 min Scan# 960

Delta R.T. -0.010 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

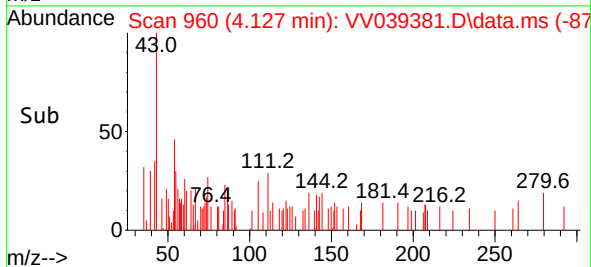
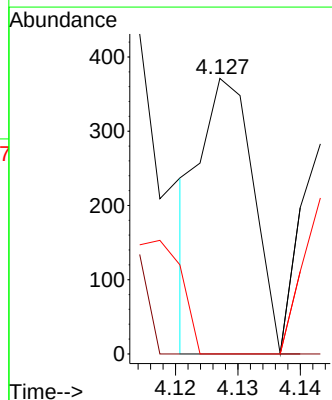
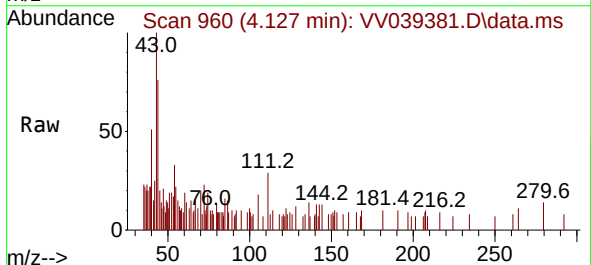
Tgt Ion: 49 Resp: 221

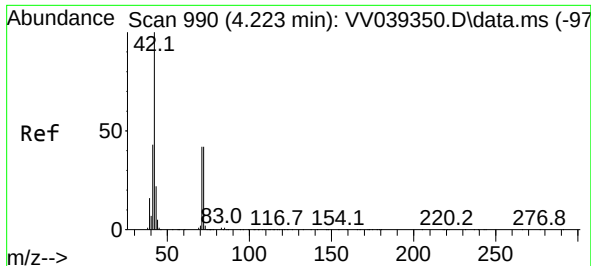
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.0

130 0.0 67.9 101.9#





#29

Tetrahydrofuran

Concen: 0.097 ug/l

RT: 4.230 min Scan# 990

Delta R.T. 0.007 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-03-QT4-2025

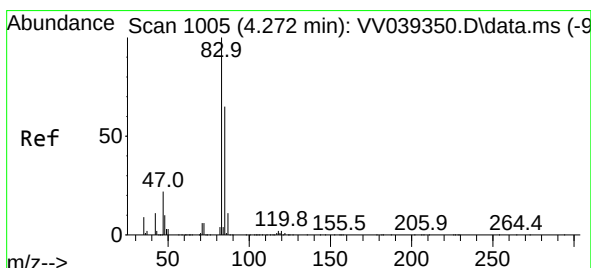
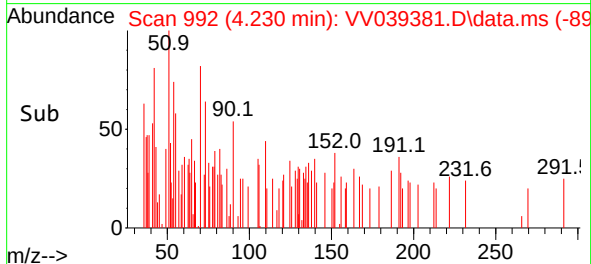
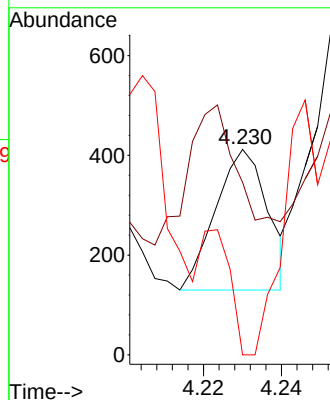
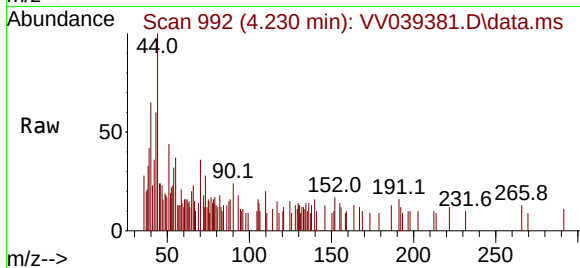
Tgt Ion: 42 Resp: 262

Ion Ratio Lower Upper

42 100

72 97.7 35.3 52.9#

71 49.6 34.0 51.0



#30

Chloroform

Concen: 0.246 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.009 min

Lab File: VV039381.D

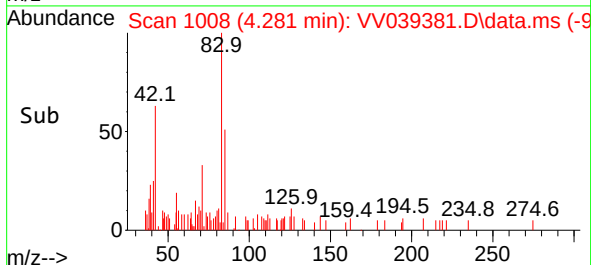
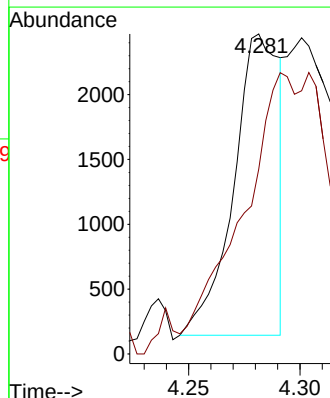
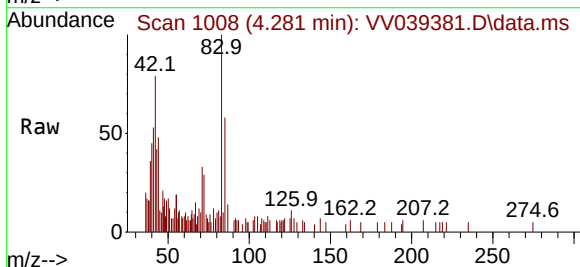
Acq: 13 Nov 2025 14:33

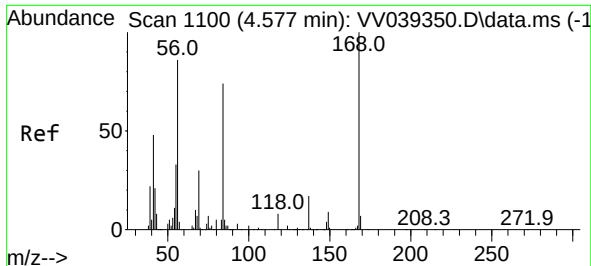
Tgt Ion: 83 Resp: 3303

Ion Ratio Lower Upper

83 100

85 54.7 51.8 77.8

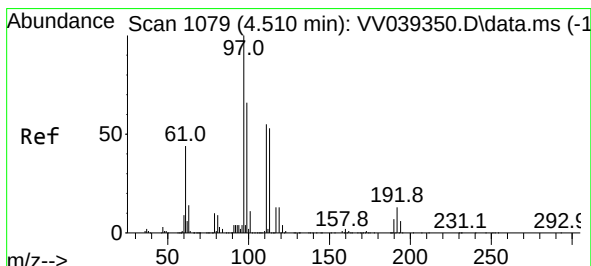
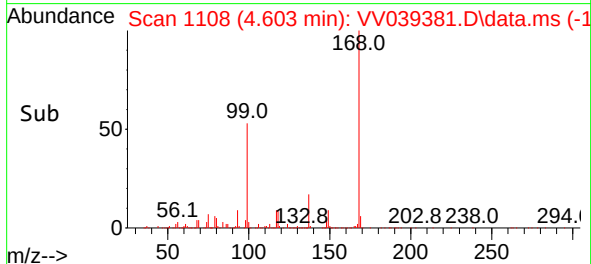
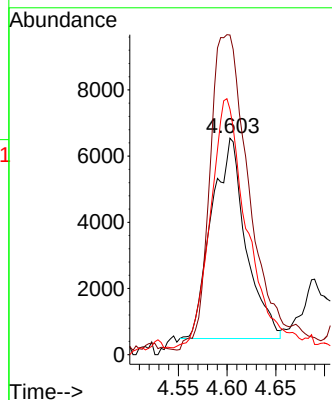
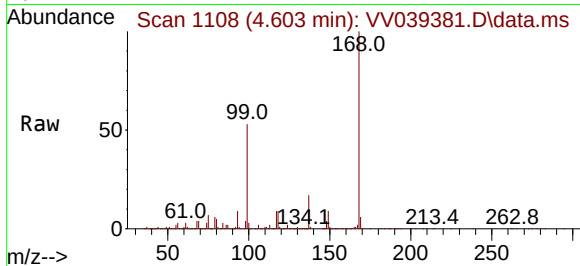




#31
Cyclohexane
Concen: 1.952 ug/l
RT: 4.603 min Scan# 1108
Delta R.T. 0.026 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

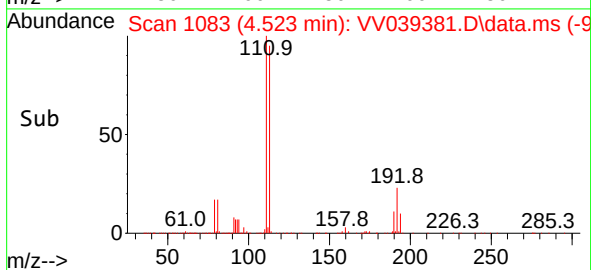
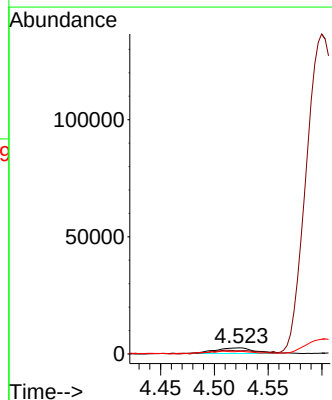
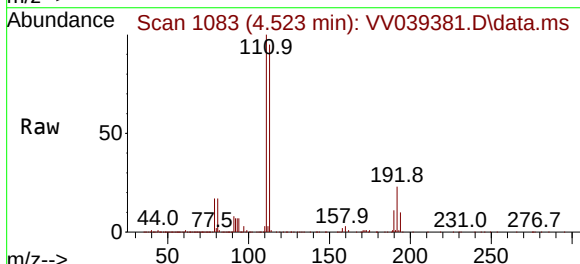
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

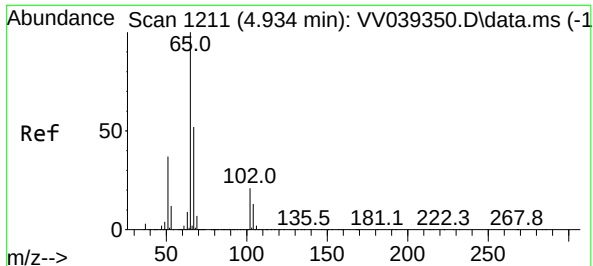
Tgt Ion: 56 Resp: 14829
Ion Ratio Lower Upper
56 100
69 153.7 27.7 41.5#
84 117.5 69.4 104.2#



#32
1,1,1-Trichloroethane
Concen: 0.538 ug/l
RT: 4.523 min Scan# 1083
Delta R.T. 0.013 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 97 Resp: 6033
Ion Ratio Lower Upper
97 100
99 0.0 49.9 74.9#
61 0.0 33.9 50.9#





#33

1,2-Dichloroethane-d4

Concen: 54.051 ug/l

RT: 4.941 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

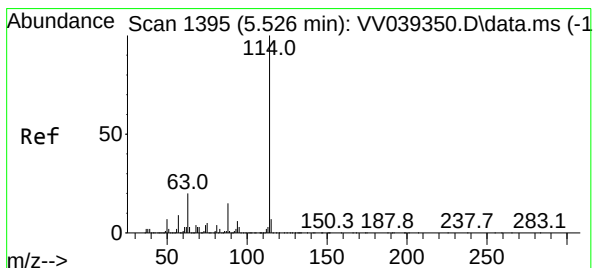
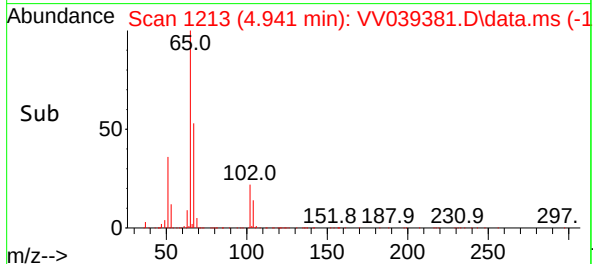
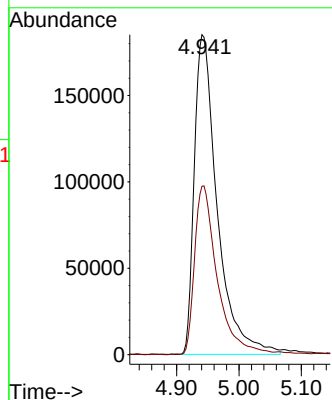
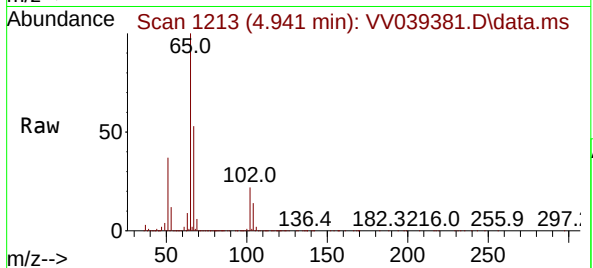
MDL-WATER-03-QT4-2025

Tgt Ion: 65 Resp: 472241

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

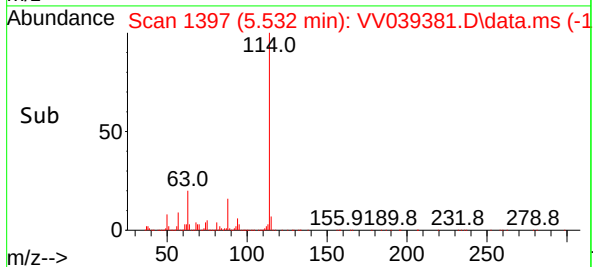
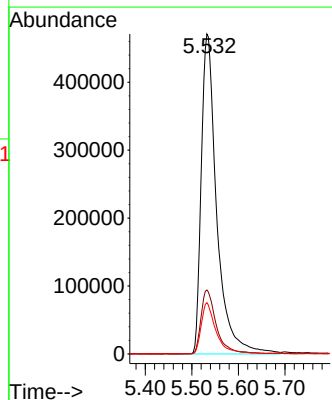
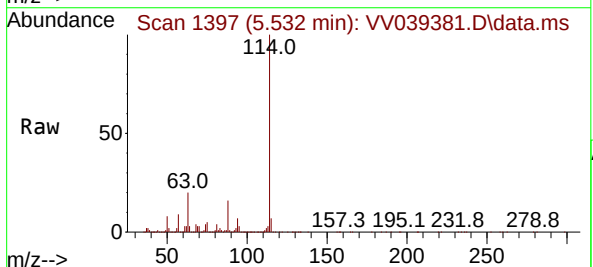
Tgt Ion: 114 Resp: 1087999

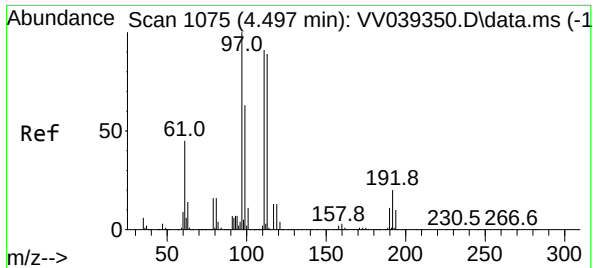
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 16.0 0.0 30.2

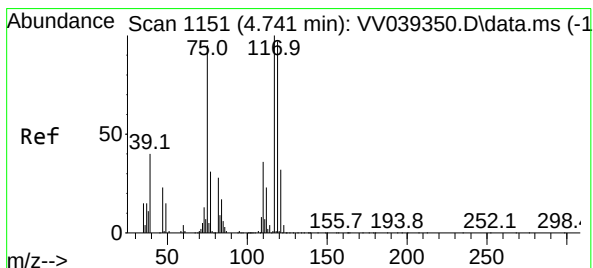
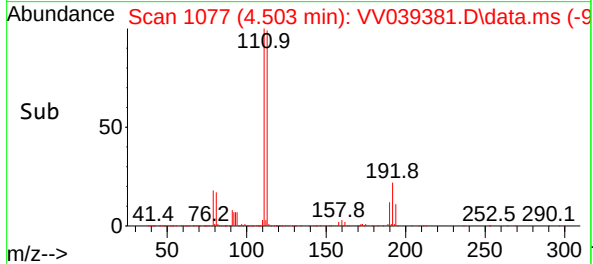
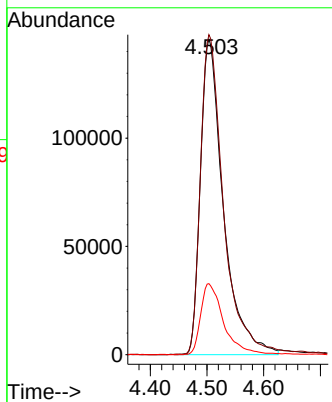
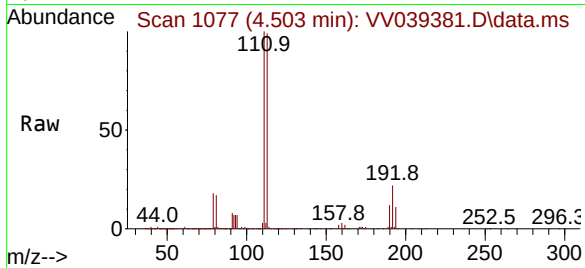




#35
Dibromofluoromethane
Concen: 49.130 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.007 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

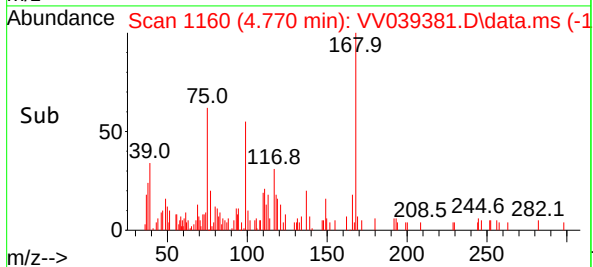
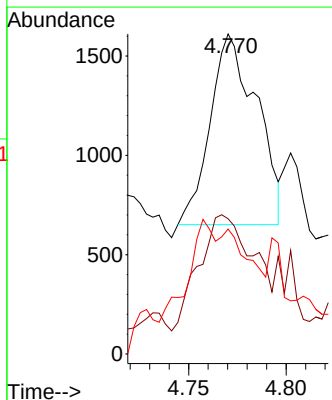
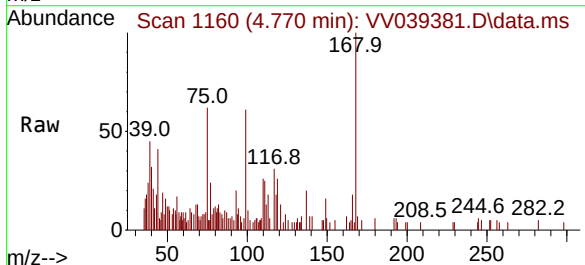
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

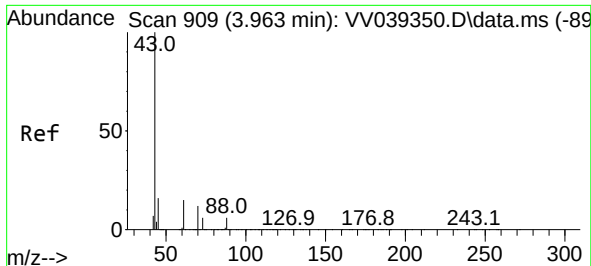
Tgt Ion:113 Resp: 409984
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 22.3 17.8 26.8



#36
1,1-Dichloropropene
Concen: 0.222 ug/l
RT: 4.770 min Scan# 1160
Delta R.T. 0.029 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 75 Resp: 1593
Ion Ratio Lower Upper
75 100
110 72.3 18.1 54.4#
77 30.2 24.0 36.0





#37

Ethyl Acetate

Concen: 0.692 ug/l

RT: 3.989 min Scan# 917

Delta R.T. 0.026 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-03-QT4-2025

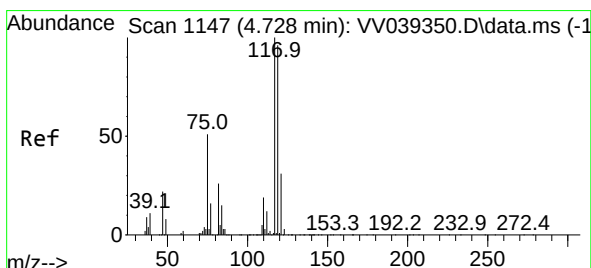
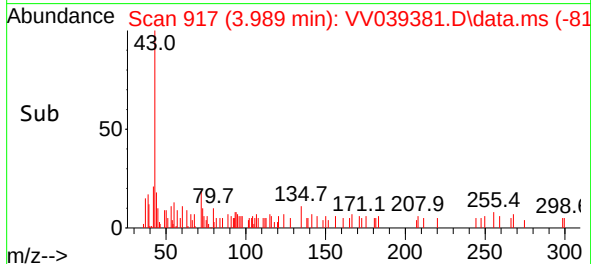
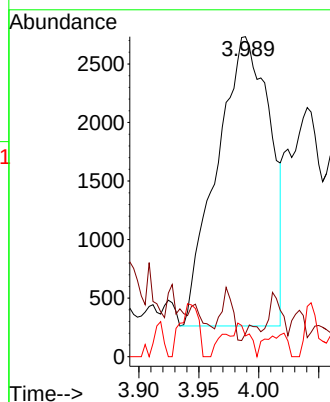
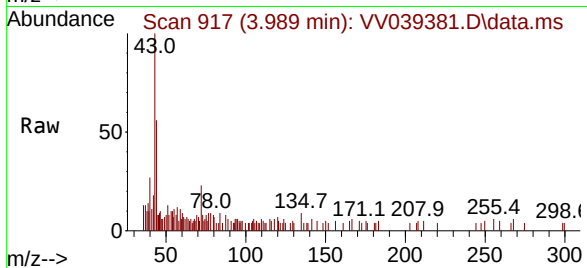
Tgt Ion: 43 Resp: 7642

Ion Ratio Lower Upper

43 100

61 1.3 9.3 13.9#

70 5.2 7.0 10.4#



#38

Carbon Tetrachloride

Concen: 0.520 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. 0.010 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

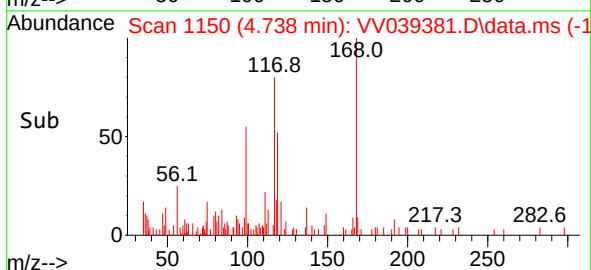
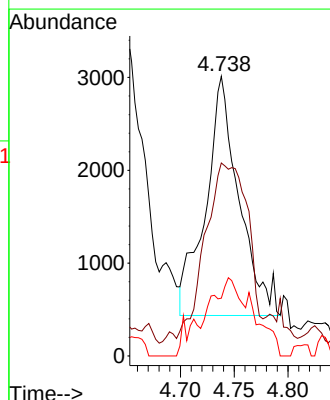
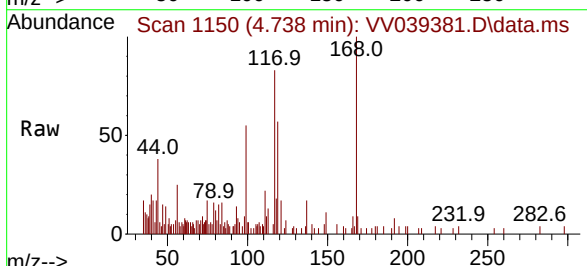
Tgt Ion: 117 Resp: 5555

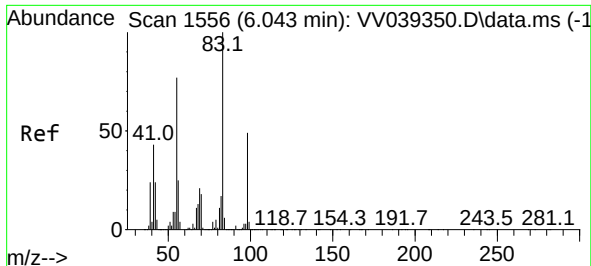
Ion Ratio Lower Upper

117 100

119 70.4 76.1 114.1#

121 24.2 25.0 37.4#





#39

Methylcyclohexane

Concen: 0.568 ug/l

RT: 6.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-03-QT4-2025

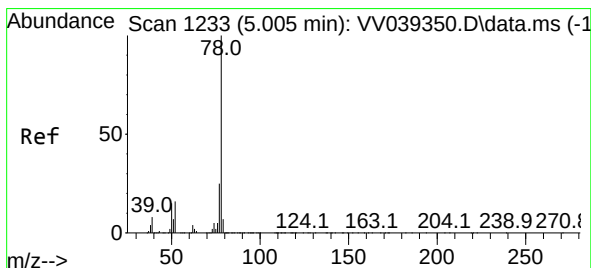
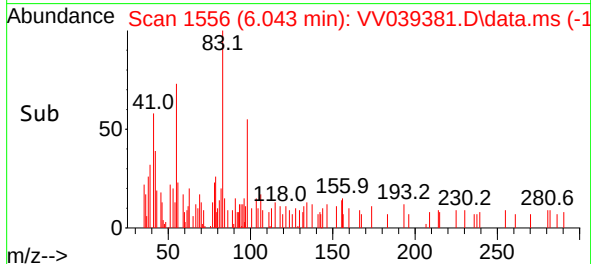
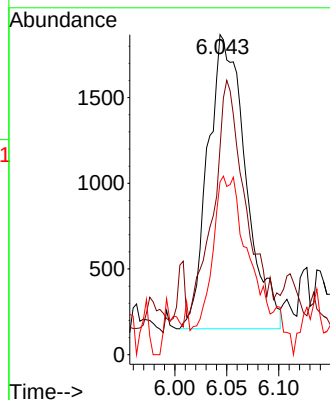
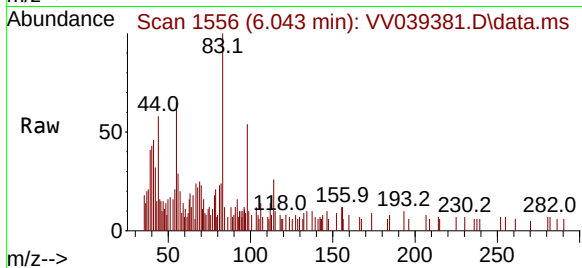
Tgt Ion: 83 Resp: 4348

Ion Ratio Lower Upper

83 100

55 50.3 61.3 91.9#

98 42.7 39.0 58.6



#40

Benzene

Concen: 0.522 ug/l

RT: 5.031 min Scan# 1241

Delta R.T. 0.026 min

Lab File: VV039381.D

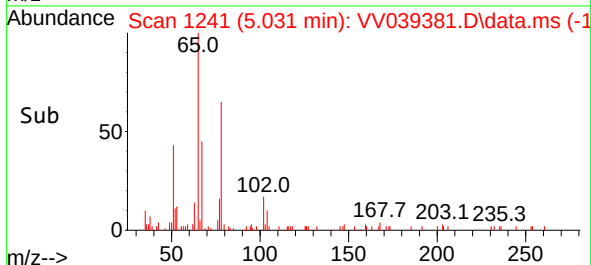
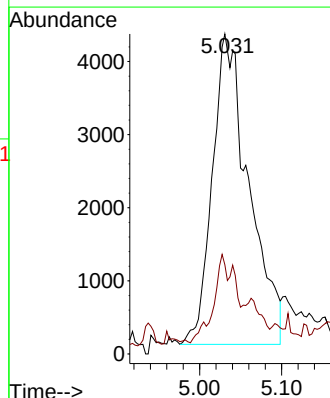
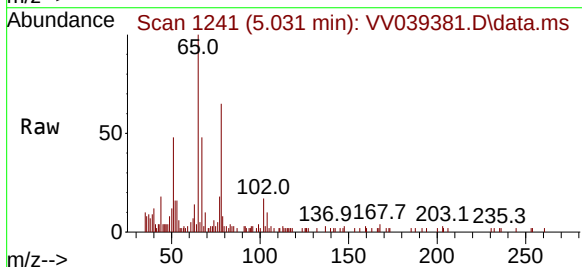
Acq: 13 Nov 2025 14:33

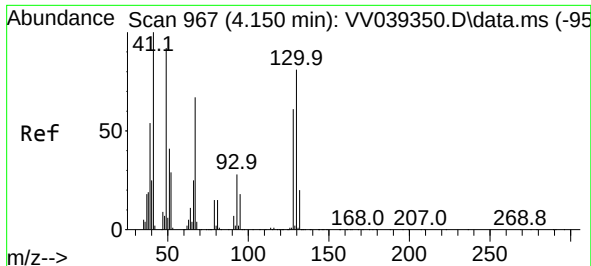
Tgt Ion: 78 Resp: 13117

Ion Ratio Lower Upper

78 100

77 24.8 19.6 29.4

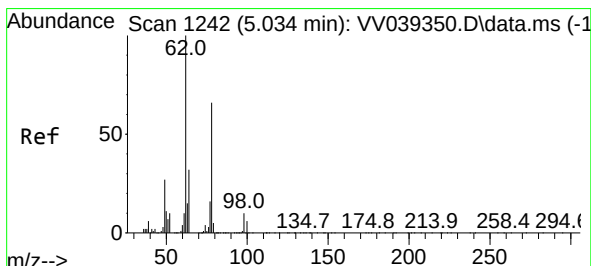
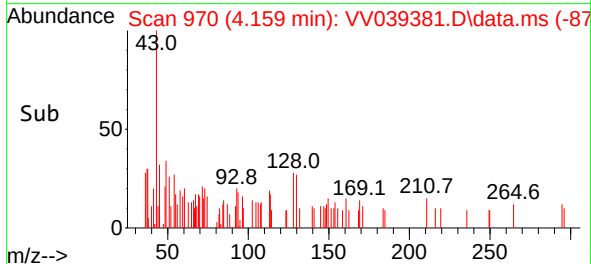
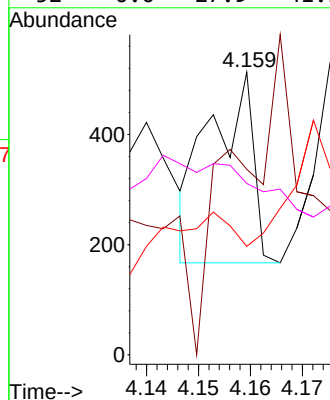
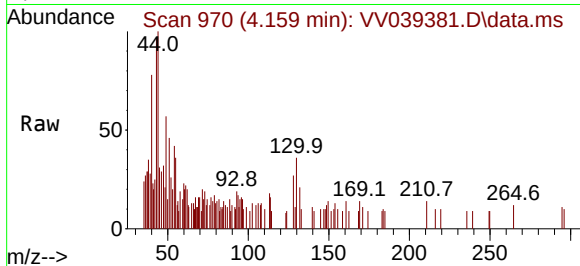




#41
Methacrylonitrile
Concen: 0.051 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

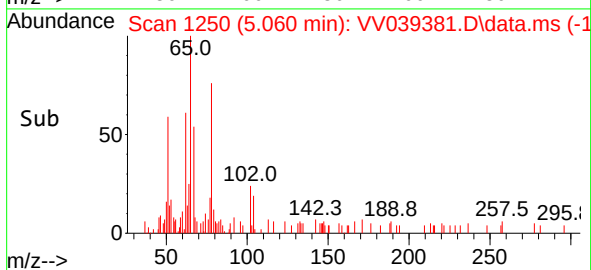
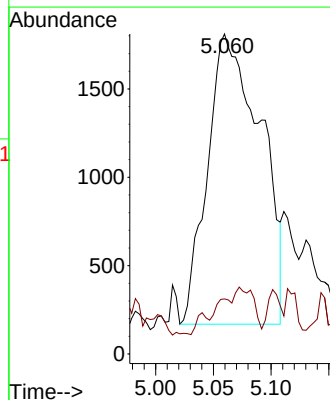
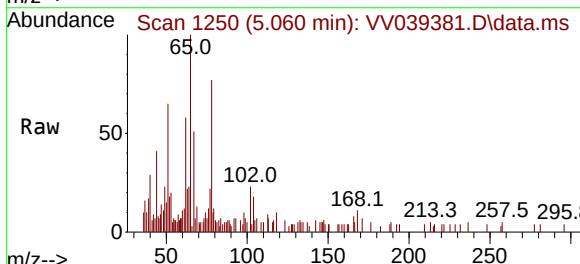
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

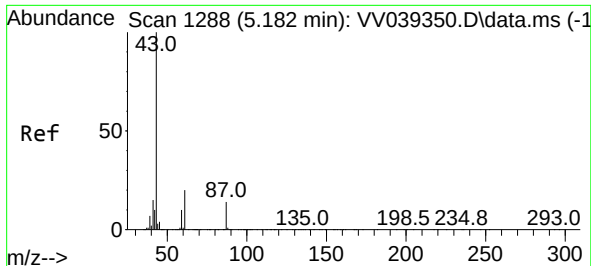
Tgt Ion: 41 Resp: 202
Ion Ratio Lower Upper
41 100
39 266.8 44.3 66.5#
67 149.0 71.4 107.2#
52 0.0 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 0.534 ug/l
RT: 5.060 min Scan# 1250
Delta R.T. 0.026 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 62 Resp: 5231
Ion Ratio Lower Upper
62 100
98 4.1 0.0 18.6

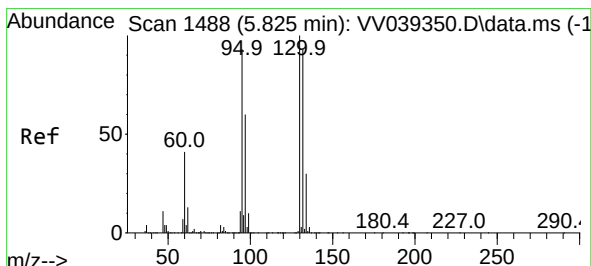
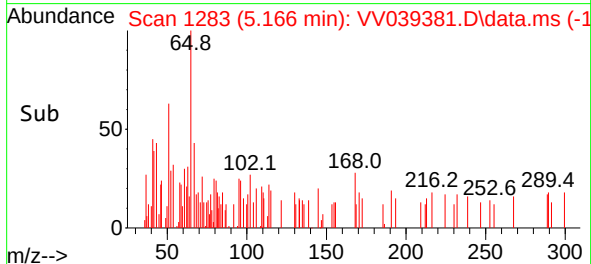
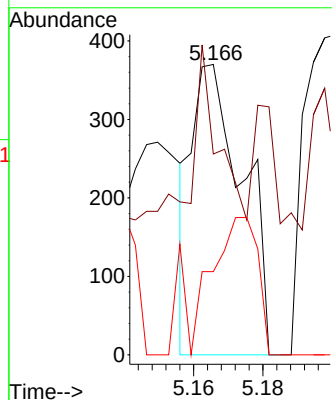
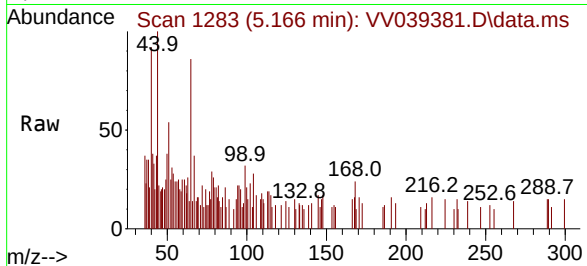




#43
Isopropyl Acetate
Concen: 0.026 ug/l
RT: 5.166 min Scan# 11
Delta R.T. -0.016 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

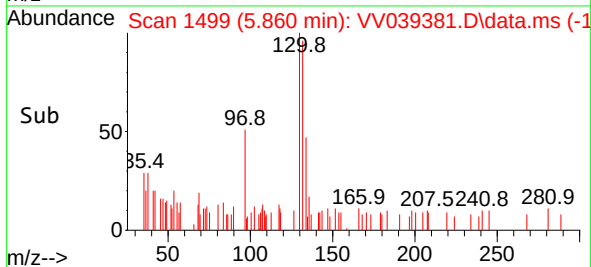
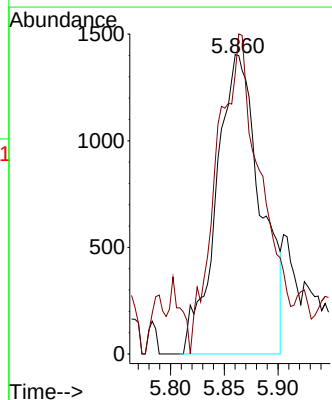
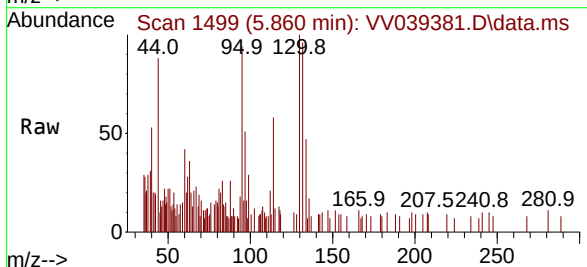
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

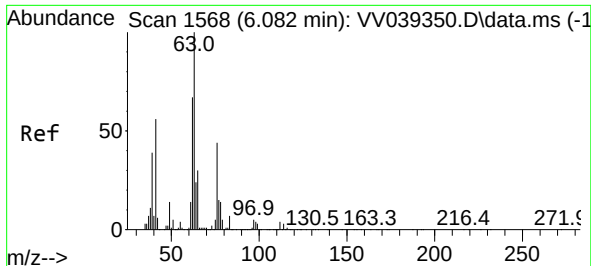
Tgt Ion: 43 Resp: 380
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 42.1 11.1 16.7#



#44
Trichloroethene
Concen: 0.590 ug/l
RT: 5.860 min Scan# 1499
Delta R.T. 0.035 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion:130 Resp: 4022
Ion Ratio Lower Upper
130 100
95 78.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 0.472 ug/l

RT: 6.108 min Scan# 1576

Delta R.T. 0.026 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

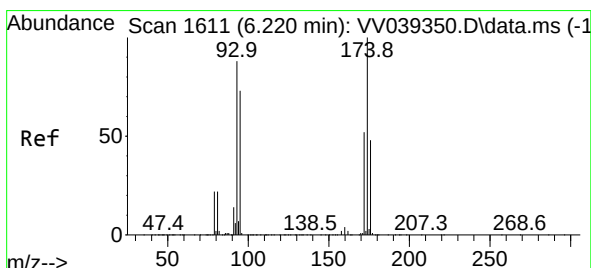
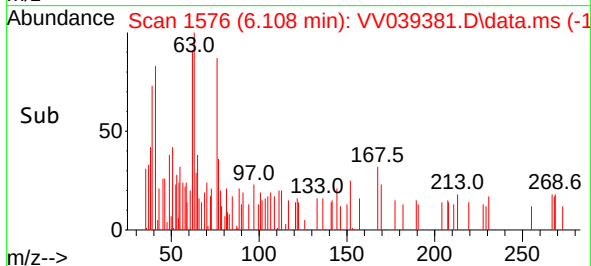
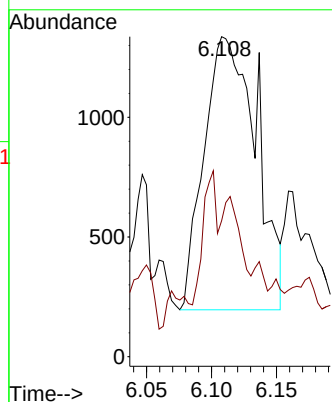
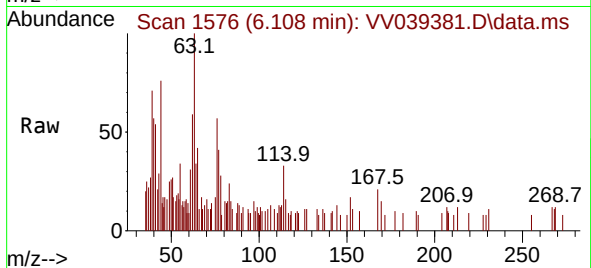
MDL-WATER-03-QT4-2025

Tgt Ion: 63 Resp: 3210

Ion Ratio Lower Upper

63 100

65 29.0 23.9 35.9



#46

Dibromomethane

Concen: 0.029 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. 0.000 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

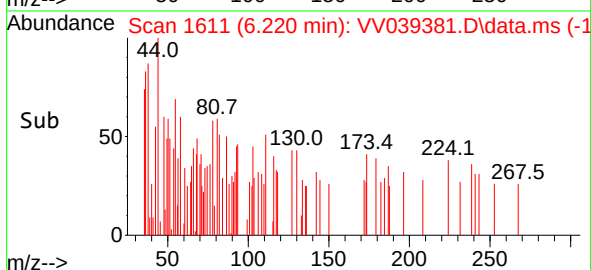
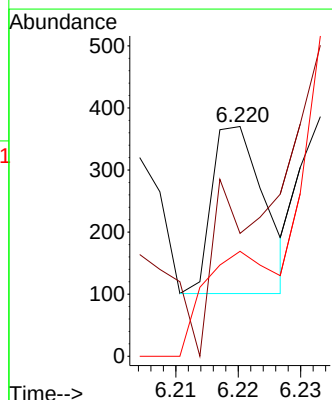
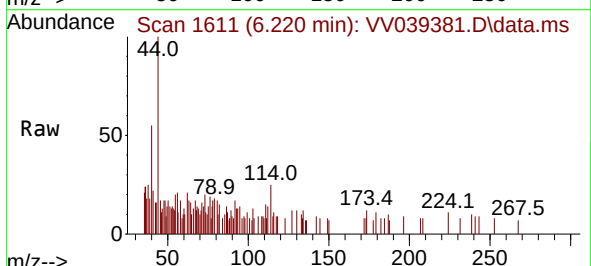
Tgt Ion: 93 Resp: 157

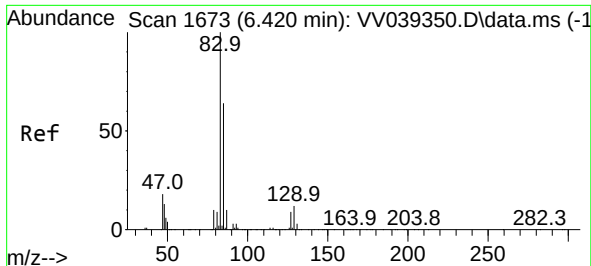
Ion Ratio Lower Upper

93 100

95 0.0 65.9 98.9#

174 0.0 91.4 137.0#





#47

Bromodichloromethane

Concen: 0.625 ug/l

RT: 6.449 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-03-QT4-2025

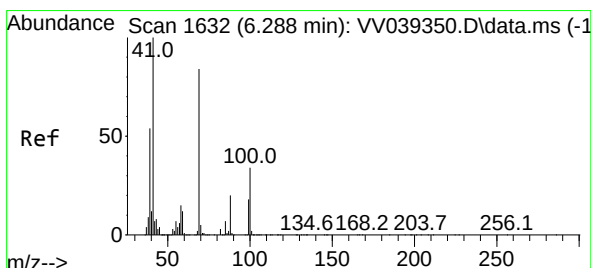
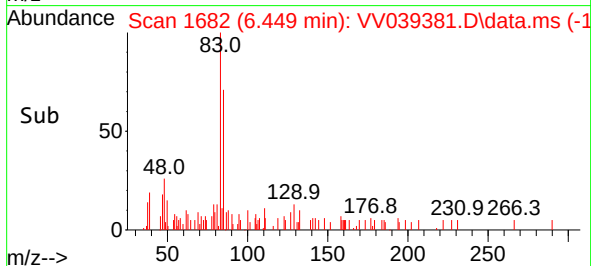
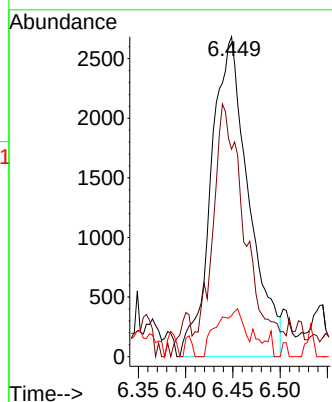
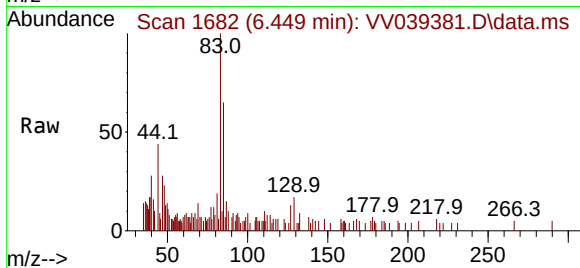
Tgt Ion: 83 Resp: 7406

Ion Ratio Lower Upper

83 100

85 58.0 51.0 76.4

127 12.9 7.3 10.9#



#48

Methyl methacrylate

Concen: 0.092 ug/l

RT: 6.310 min Scan# 1639

Delta R.T. 0.023 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

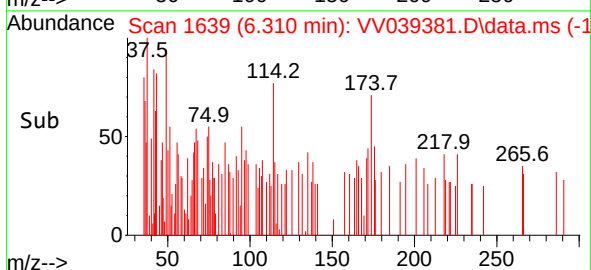
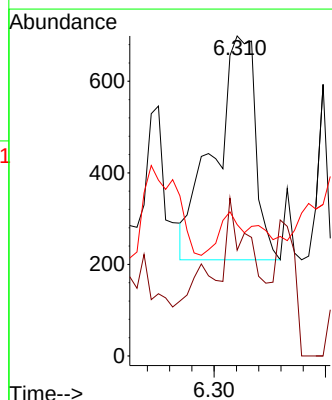
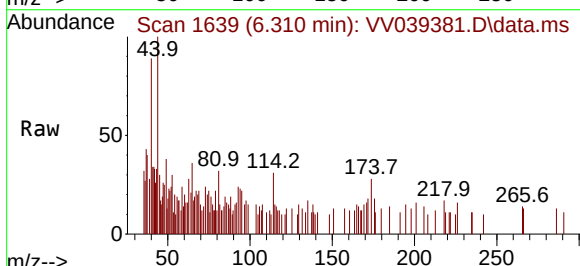
Tgt Ion: 41 Resp: 627

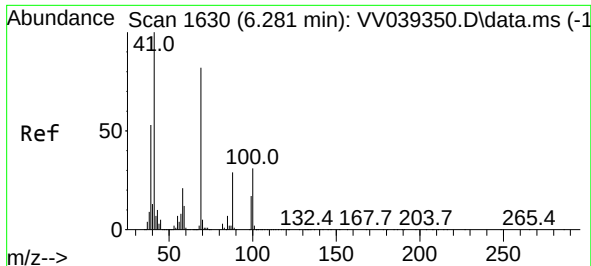
Ion Ratio Lower Upper

41 100

69 14.8 69.1 103.7#

39 8.5 42.8 64.2#





#49

1,4-Dioxane

Concen: 1.658 ug/l

RT: 6.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-03-QT4-2025

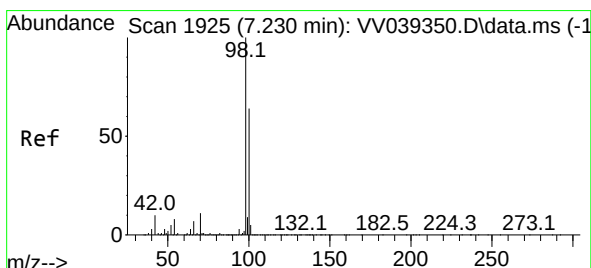
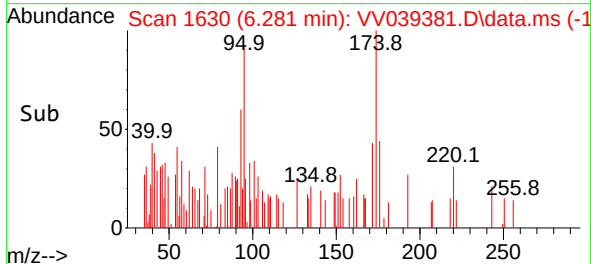
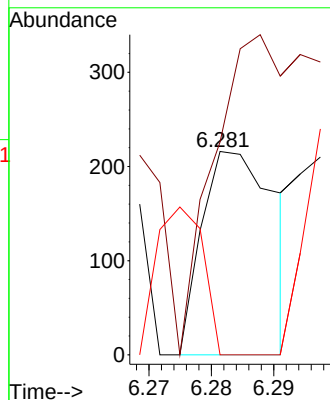
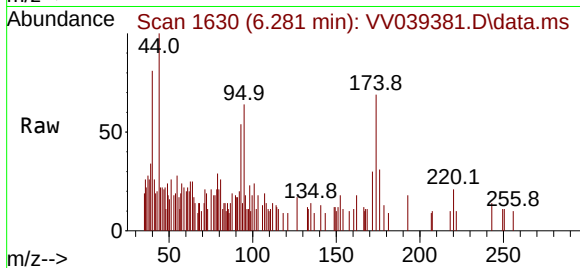
Tgt Ion: 88 Resp: 175

Ion Ratio Lower Upper

88 100

43 248.0 26.6 40.0#

58 46.9 55.4 83.0#



#50

Toluene-d8

Concen: 42.508 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.007 min

Lab File: VV039381.D

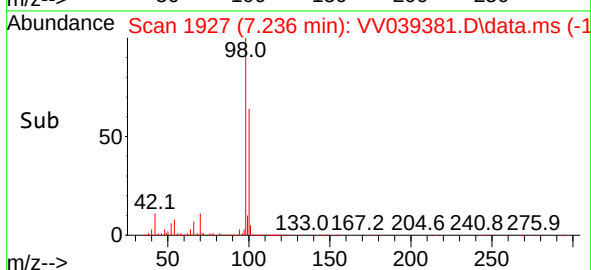
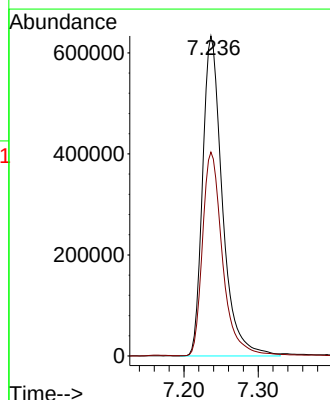
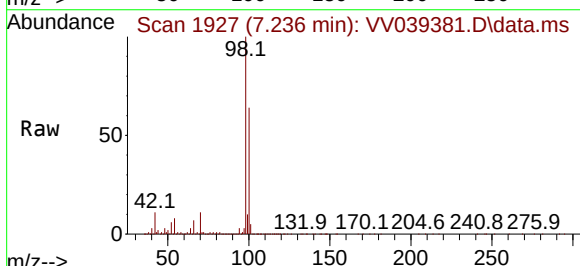
Acq: 13 Nov 2025 14:33

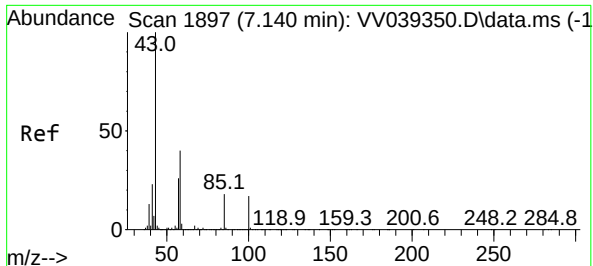
Tgt Ion: 98 Resp: 1172185

Ion Ratio Lower Upper

98 100

100 64.5 52.8 79.2

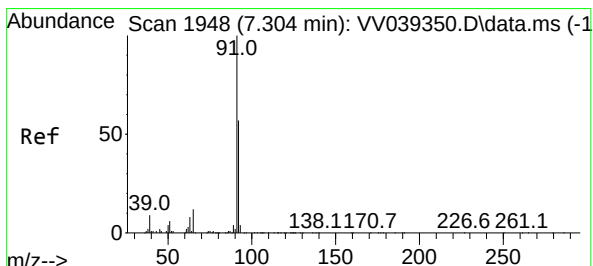
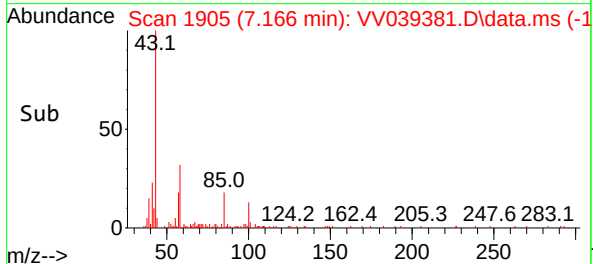
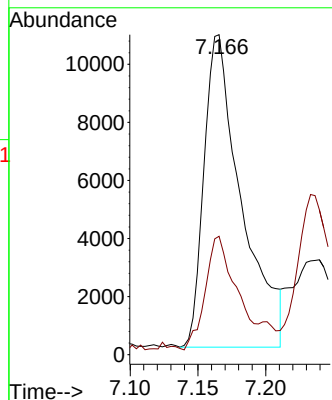
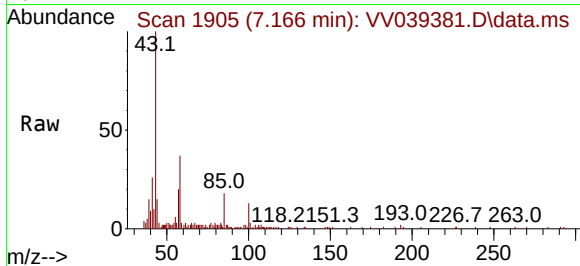




#51
4-Methyl-2-Pentanone
Concen: 2.047 ug/l
RT: 7.166 min Scan# 1905
Delta R.T. 0.026 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

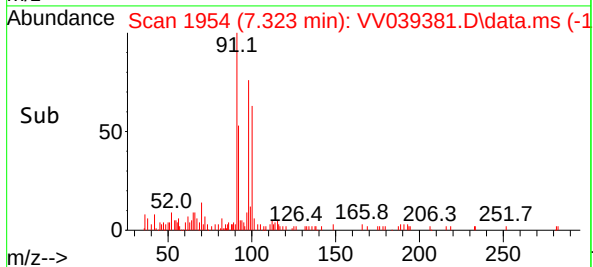
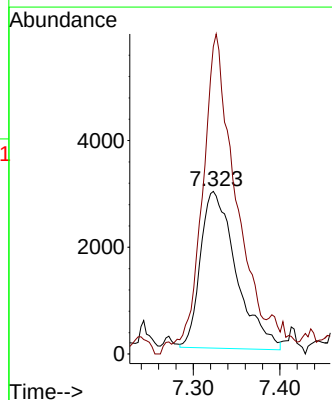
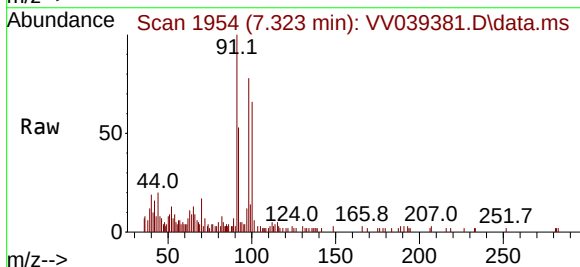
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03-QT4-2025

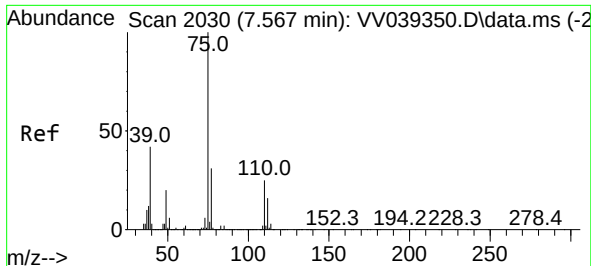
Tgt Ion: 43 Resp: 20581
Ion Ratio Lower Upper
43 100
58 30.7 31.8 47.6#



#52
Toluene
Concen: 0.536 ug/l
RT: 7.323 min Scan# 1954
Delta R.T. 0.019 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 92 Resp: 8448
Ion Ratio Lower Upper
92 100
91 173.2 139.0 208.6

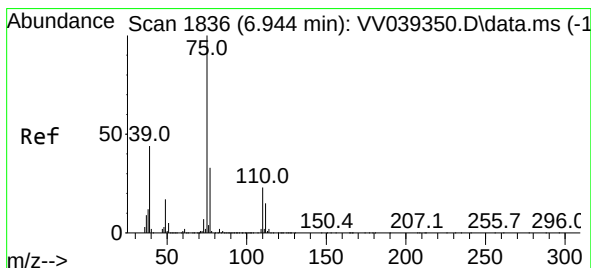
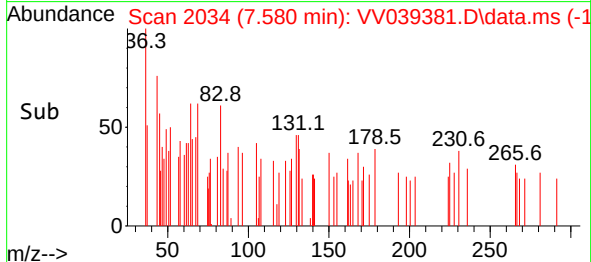
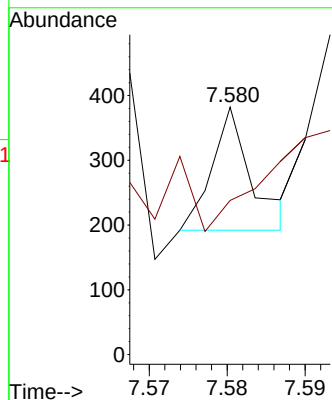
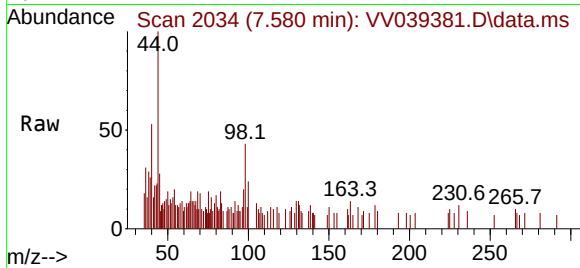




#53
 t-1,3-Dichloropropene
 Concen: 0.007 ug/l
 RT: 7.580 min Scan# 2034
 Delta R.T. 0.013 min
 Lab File: VV039381.D
 Acq: 13 Nov 2025 14:33

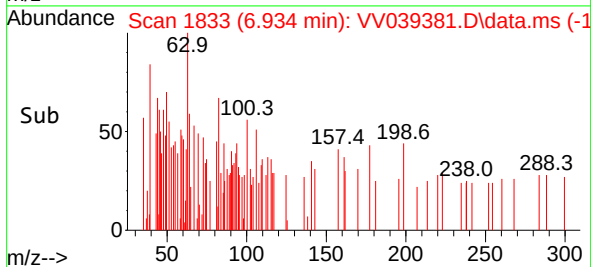
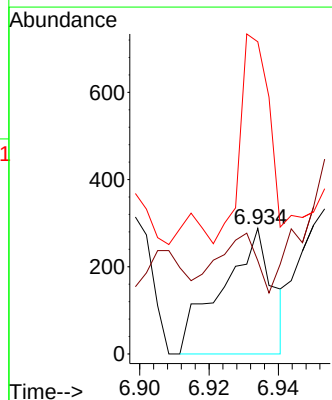
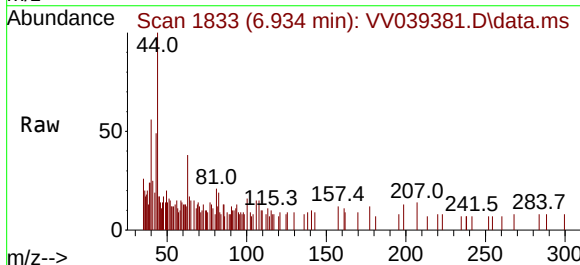
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-03-QT4-2025

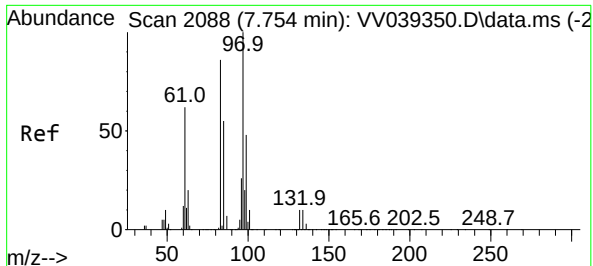
Tgt Ion: 75 Resp: 67
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.5 36.7#



#54
 cis-1,3-Dichloropropene
 Concen: 0.027 ug/l
 RT: 6.934 min Scan# 1833
 Delta R.T. -0.010 min
 Lab File: VV039381.D
 Acq: 13 Nov 2025 14:33

Tgt Ion: 75 Resp: 290
 Ion Ratio Lower Upper
 75 100
 77 5.6 26.3 39.5#
 39 149.0 35.5 53.3#





#55

1,1,2-Trichloroethane

Concen: 0.511 ug/l

RT: 7.780 min Scan# 2088

Delta R.T. 0.026 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-03-QT4-2025

Tgt Ion: 97 Resp: 4073

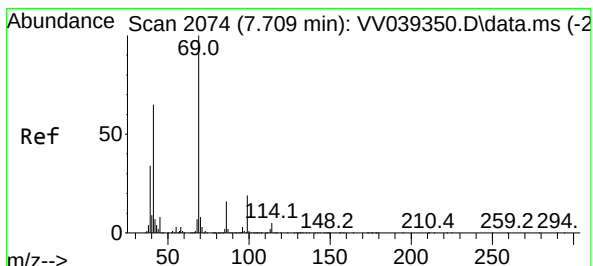
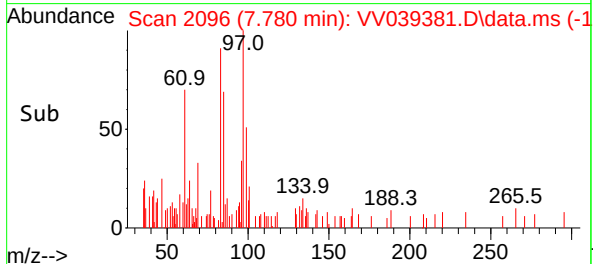
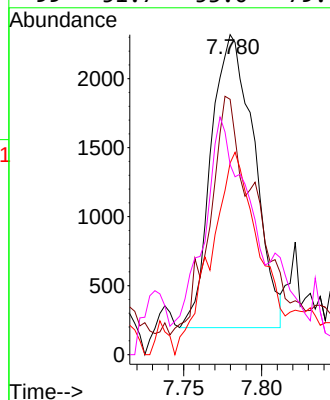
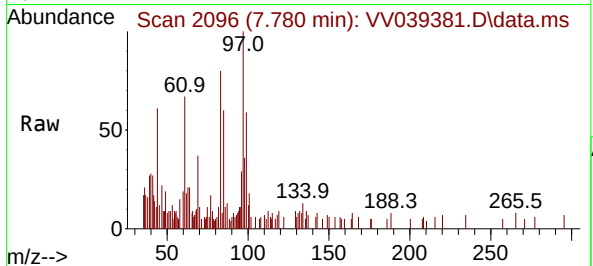
Ion Ratio Lower Upper

97 100

83 76.7 68.8 103.2

85 59.4 45.2 67.8

99 51.7 53.0 79.4#



#56

Ethyl methacrylate

Concen: 0.037 ug/l

RT: 7.719 min Scan# 2077

Delta R.T. 0.010 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

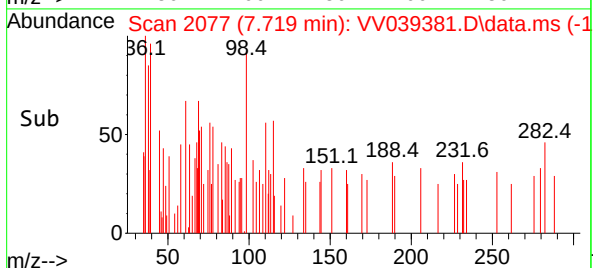
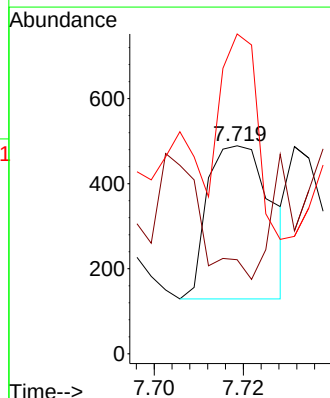
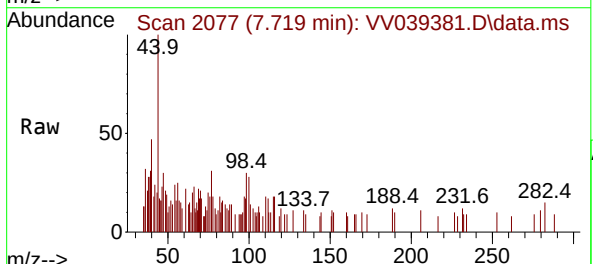
Tgt Ion: 69 Resp: 353

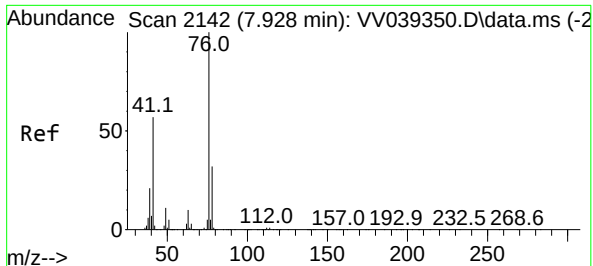
Ion Ratio Lower Upper

69 100

41 50.4 52.5 78.7#

39 76.8 26.7 40.1#

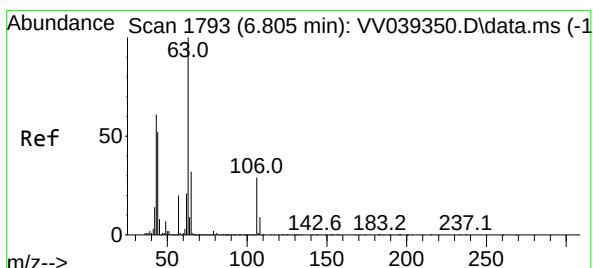
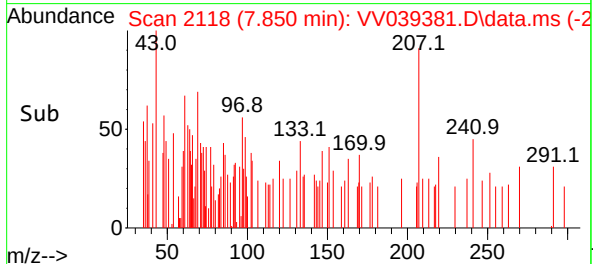
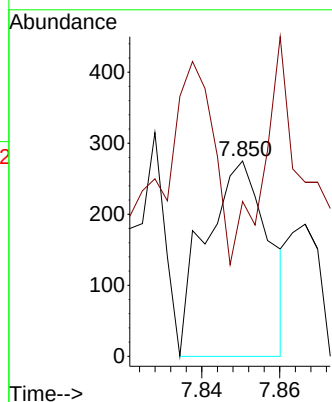
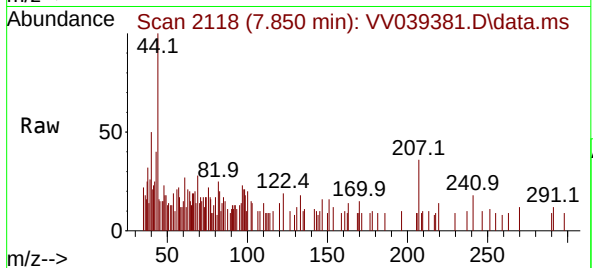




#57
 1,3-Dichloropropane
 Concen: 0.025 ug/l
 RT: 7.850 min Scan# 2142
 Delta R.T. -0.077 min
 Lab File: VV039381.D
 Acq: 13 Nov 2025 14:33

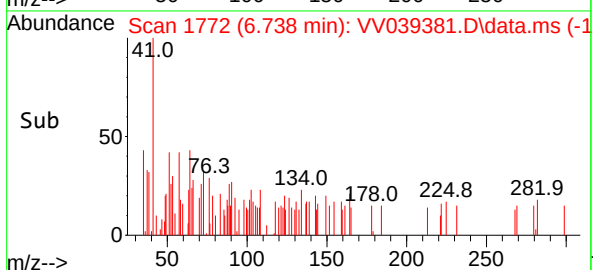
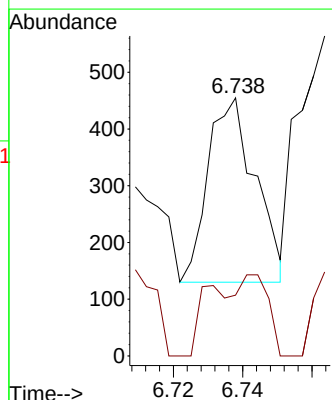
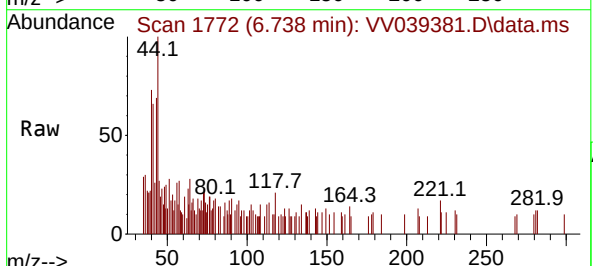
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-03-QT4-2025

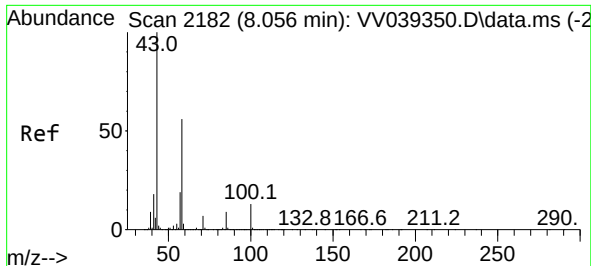
Tgt Ion: 76 Resp: 307
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.112 ug/l
 RT: 6.738 min Scan# 1772
 Delta R.T. -0.067 min
 Lab File: VV039381.D
 Acq: 13 Nov 2025 14:33

Tgt Ion: 63 Resp: 307
 Ion Ratio Lower Upper
 63 100
 106 24.4 23.3 34.9

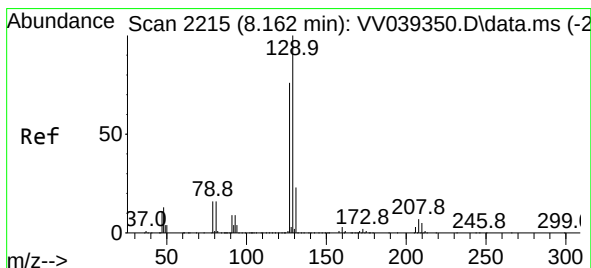
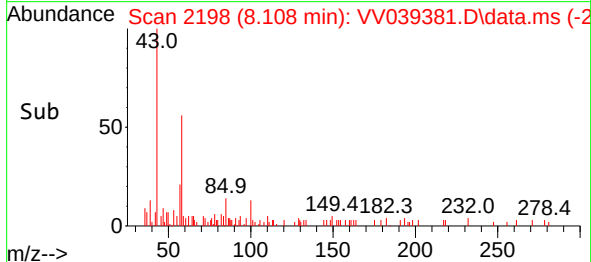
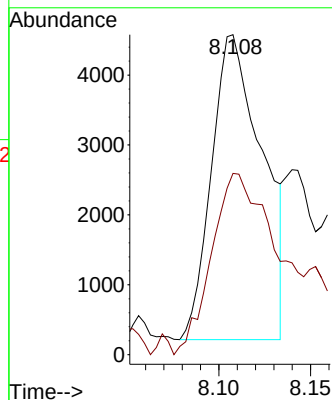
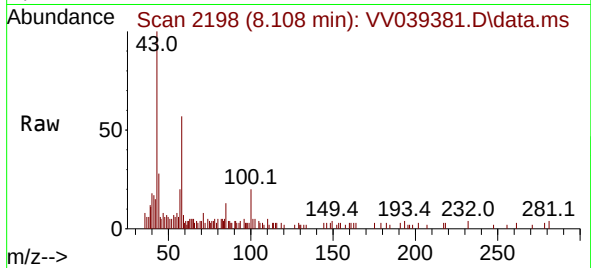




#59
2-Hexanone
Concen: 1.170 ug/l
RT: 8.108 min Scan# 2182
Delta R.T. 0.052 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

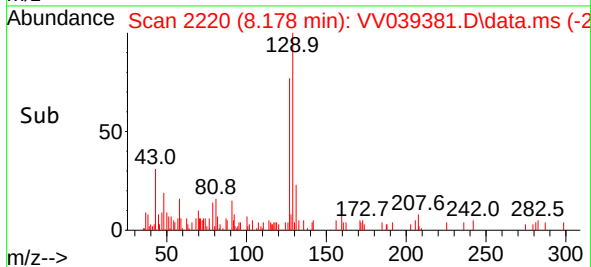
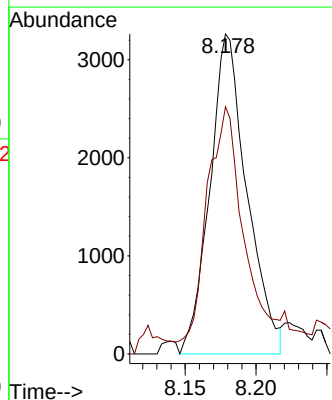
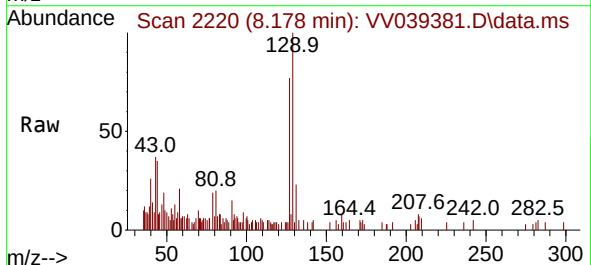
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

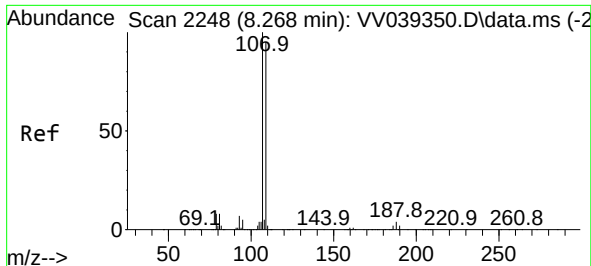
Tgt Ion: 43 Resp: 8411
Ion Ratio Lower Upper
43 100
58 76.5 27.7 83.1



#60
Dibromochloromethane
Concen: 0.582 ug/l
RT: 8.178 min Scan# 2220
Delta R.T. 0.016 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 129 Resp: 5946
Ion Ratio Lower Upper
129 100
127 71.3 38.6 115.7

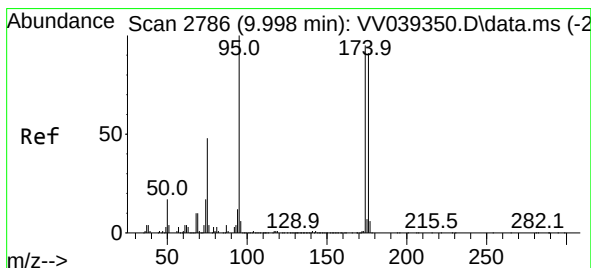
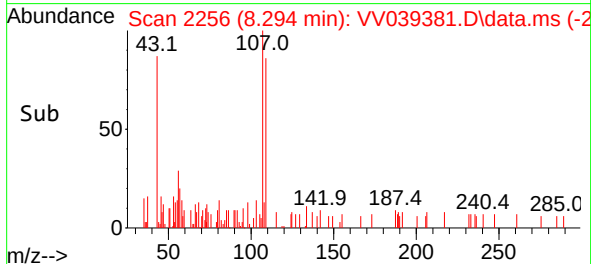
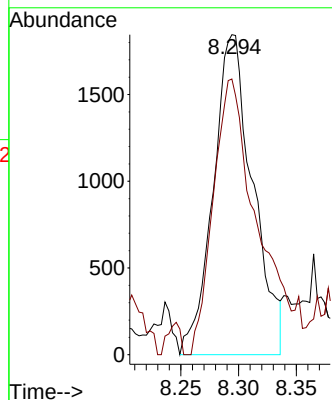
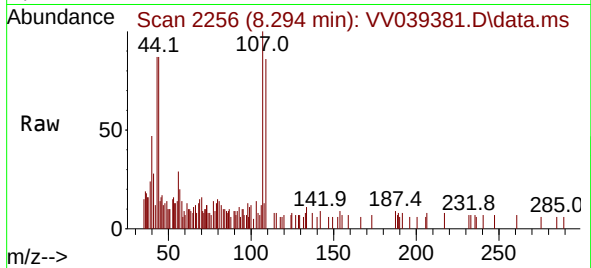




#61
1,2-Dibromoethane
Concen: 0.566 ug/l
RT: 8.294 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

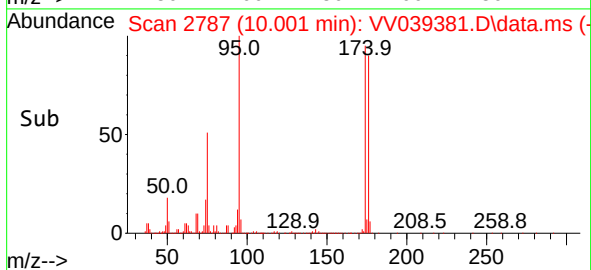
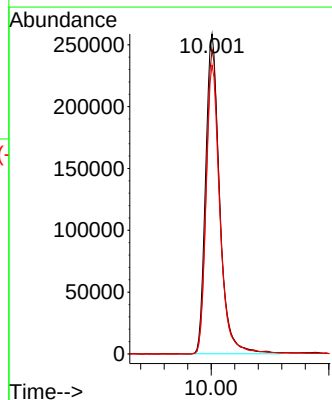
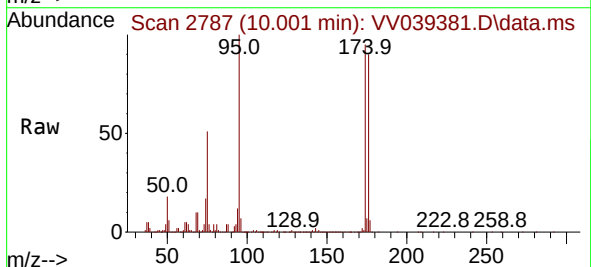
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

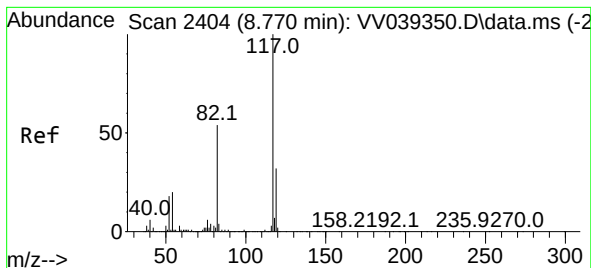
Tgt Ion:107 Resp: 4400
Ion Ratio Lower Upper
107 100
109 98.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 40.214 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 95 Resp: 426113
Ion Ratio Lower Upper
95 100
174 93.8 0.0 187.6
176 89.2 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-03-QT4-2025

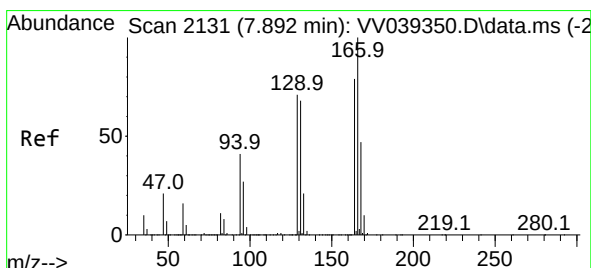
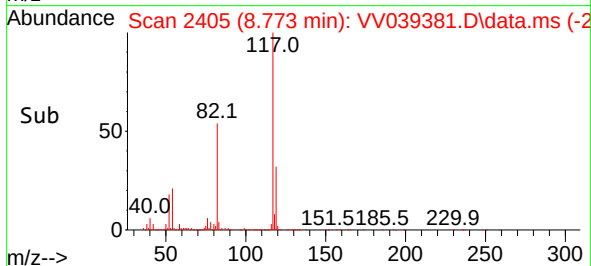
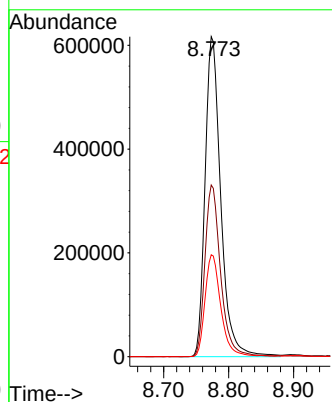
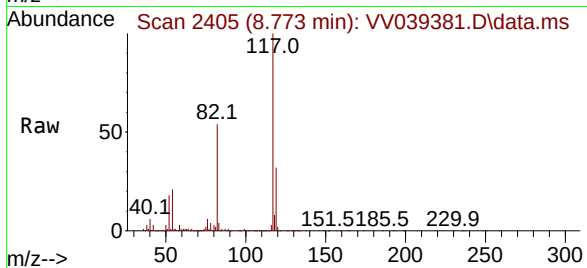
Tgt Ion:117 Resp: 1038161

Ion Ratio Lower Upper

117 100

82 53.6 42.9 64.3

119 31.8 25.5 38.3



#64

Tetrachloroethene

Concen: 0.623 ug/l

RT: 7.908 min Scan# 2136

Delta R.T. 0.016 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Tgt Ion:164 Resp: 3995

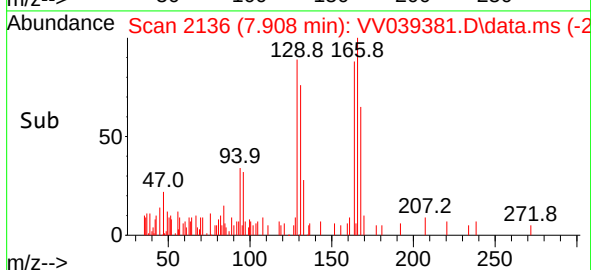
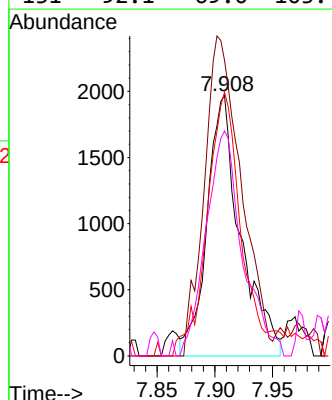
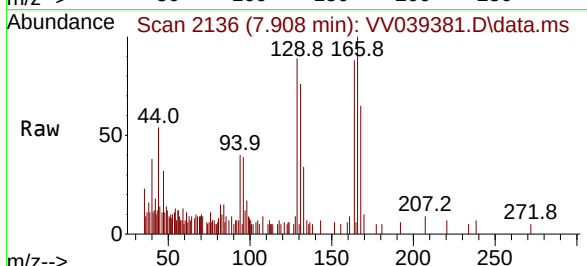
Ion Ratio Lower Upper

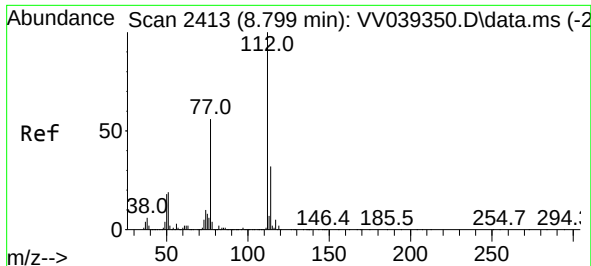
164 100

166 121.1 101.9 152.9

129 98.5 71.8 107.8

131 92.1 69.0 103.4

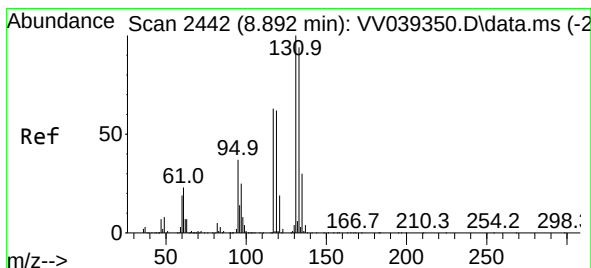
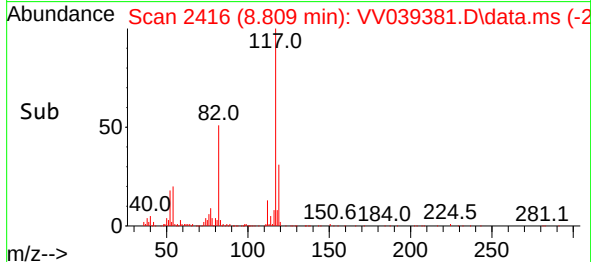
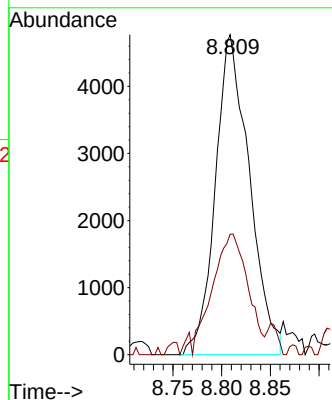
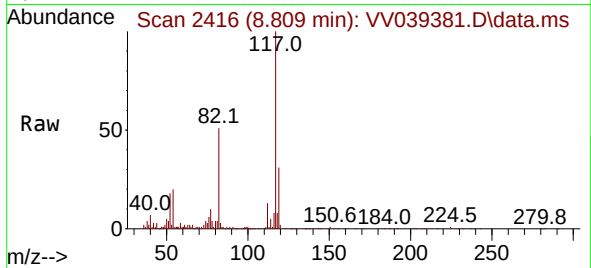




#65
Chlorobenzene
Concen: 0.560 ug/l
RT: 8.809 min Scan# 2413
Delta R.T. 0.010 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

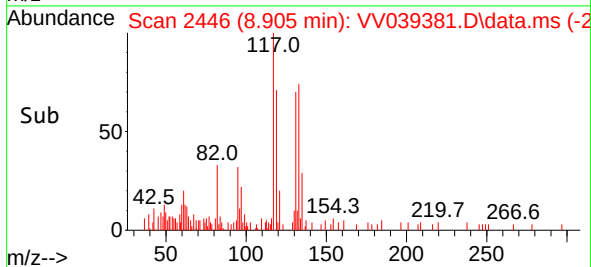
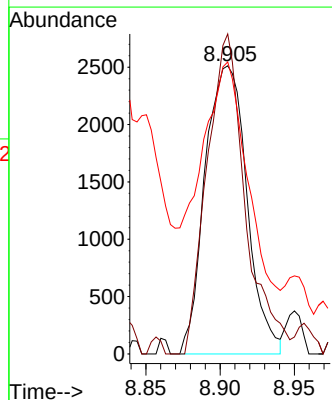
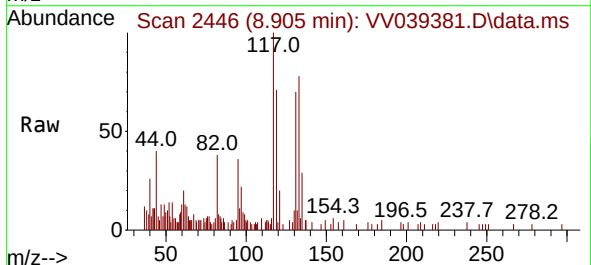
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

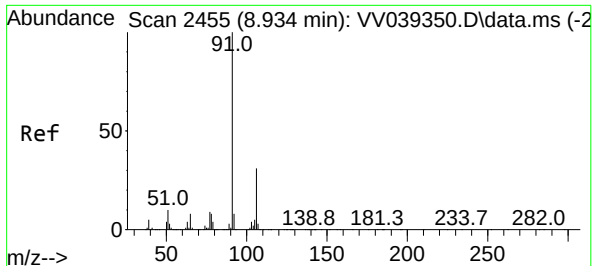
Tgt Ion:112 Resp: 11574
Ion Ratio Lower Upper
112 100
114 37.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.570 ug/l
RT: 8.905 min Scan# 2446
Delta R.T. 0.013 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion:131 Resp: 4918
Ion Ratio Lower Upper
131 100
133 101.7 47.9 143.8
119 0.0 31.6 94.8





#67

Ethyl Benzene

Concen: 0.488 ug/l

RT: 8.950 min Scan# 2455

Delta R.T. 0.016 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

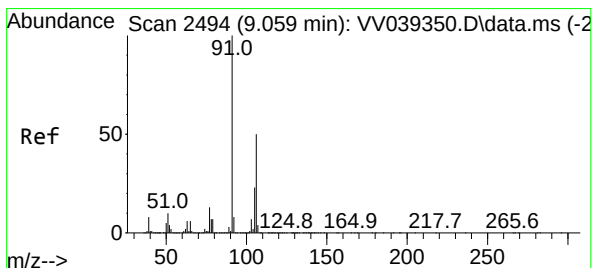
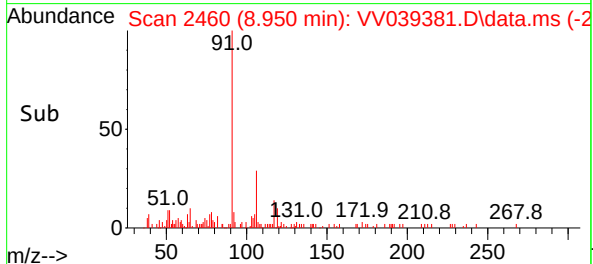
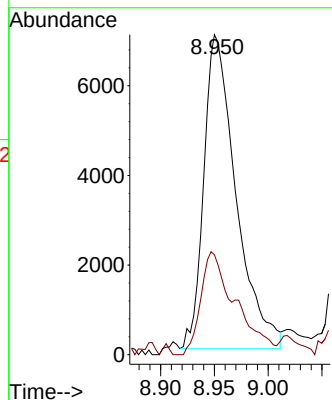
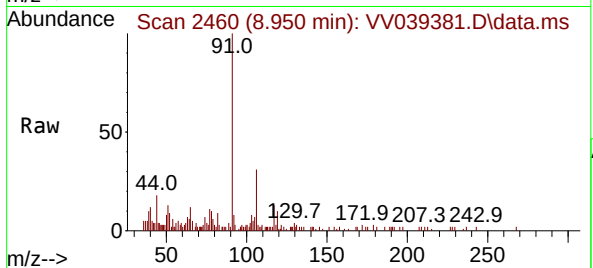
MDL-WATER-03-QT4-2025

Tgt Ion: 91 Resp: 14601

Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3



#68

m/p-Xylenes

Concen: 0.931 ug/l

RT: 9.079 min Scan# 2500

Delta R.T. 0.019 min

Lab File: VV039381.D

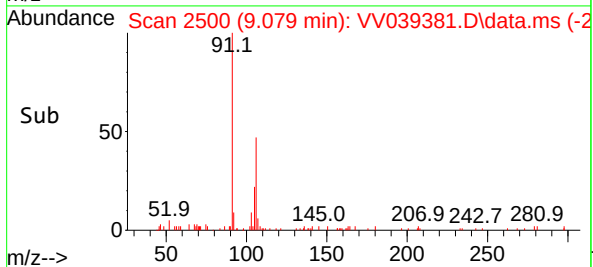
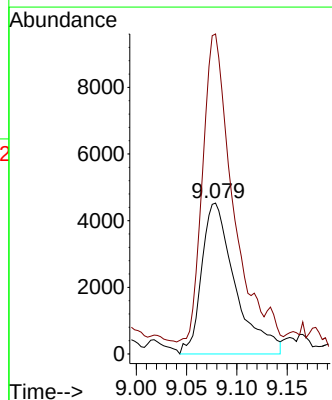
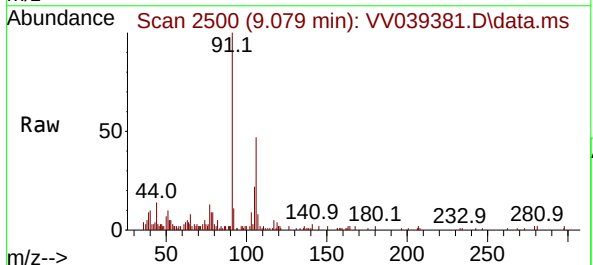
Acq: 13 Nov 2025 14:33

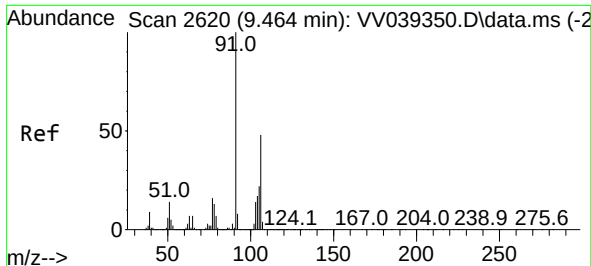
Tgt Ion: 106 Resp: 10513

Ion Ratio Lower Upper

106 100

91 177.0 161.5 242.3

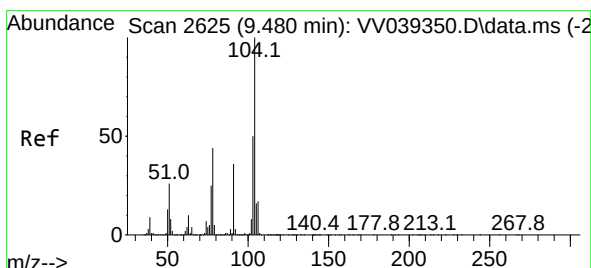
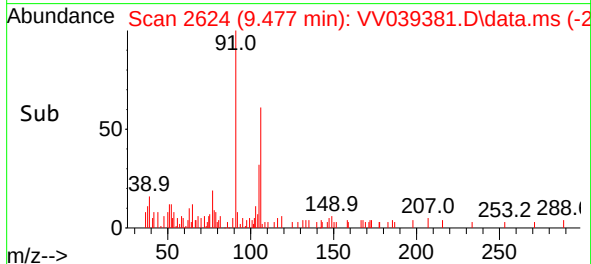
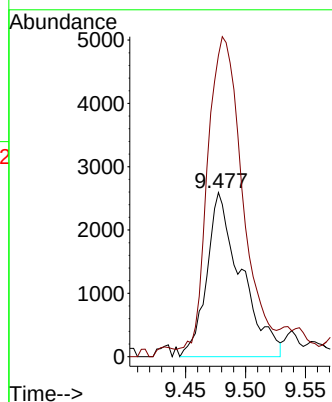
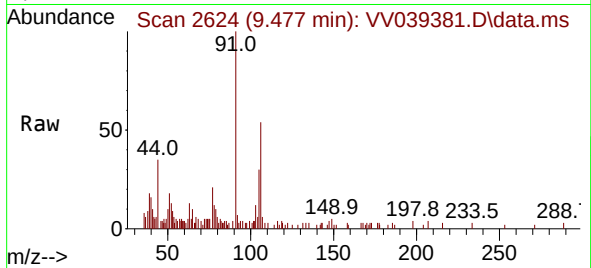




#69
o-Xylene
Concen: 0.482 ug/l
RT: 9.477 min Scan# 2624
Delta R.T. 0.013 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

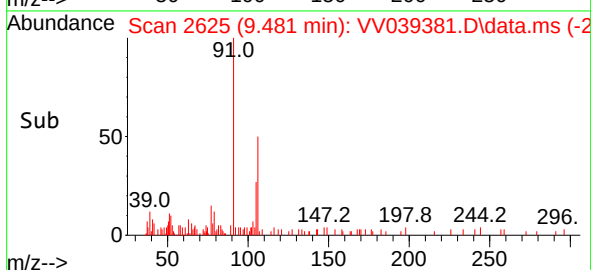
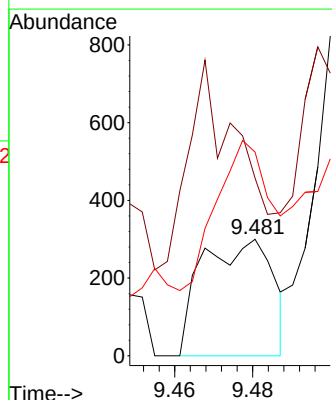
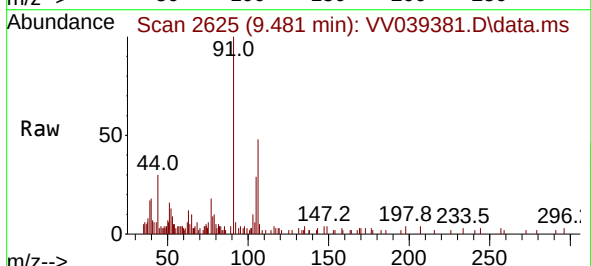
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

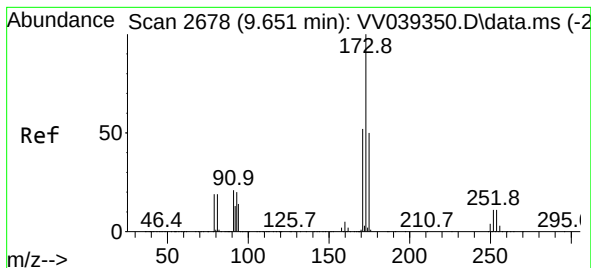
Tgt Ion:106 Resp: 5145
Ion Ratio Lower Upper
106 100
91 190.8 105.9 317.7



#70
Styrene
Concen: 0.020 ug/l
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion:104 Resp: 377
Ion Ratio Lower Upper
104 100
78 128.1 39.0 58.4#
103 97.1 43.4 65.2#





#71

Bromoform

Concen: 0.697 ug/l

RT: 9.670 min Scan# 2

Delta R.T. 0.019 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-03-QT4-2025

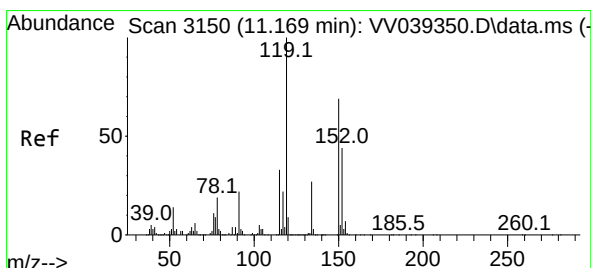
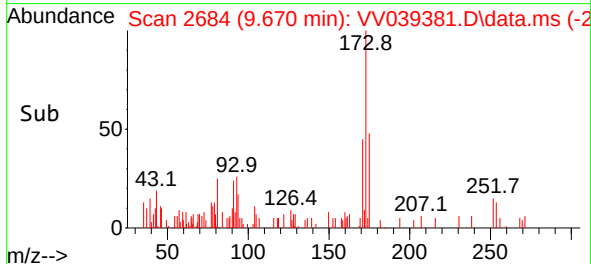
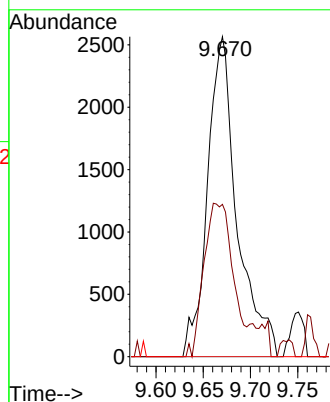
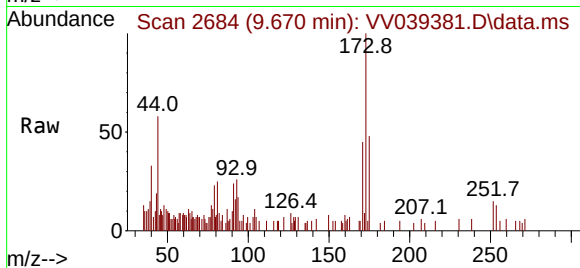
Tgt Ion:173 Resp: 5576

Ion Ratio Lower Upper

173 100

175 47.0 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

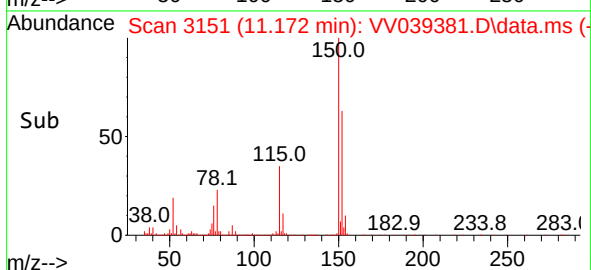
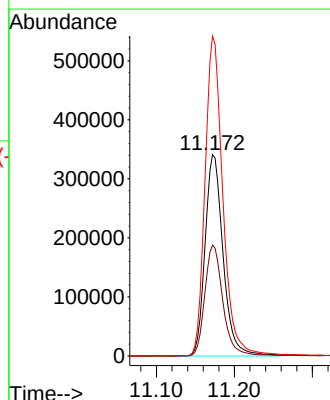
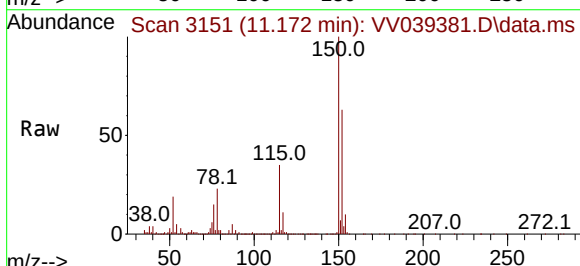
Tgt Ion:152 Resp: 548631

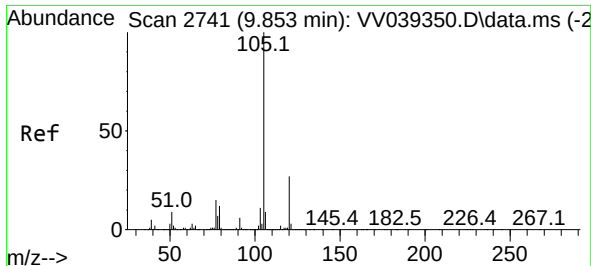
Ion Ratio Lower Upper

152 100

115 55.5 37.3 111.9

150 156.8 0.0 340.4

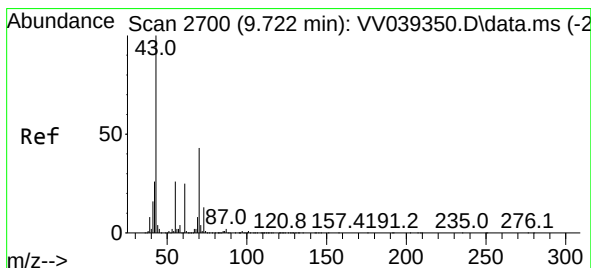
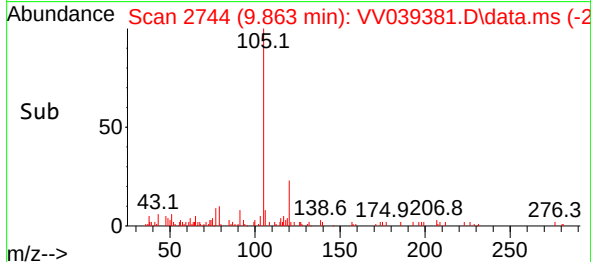
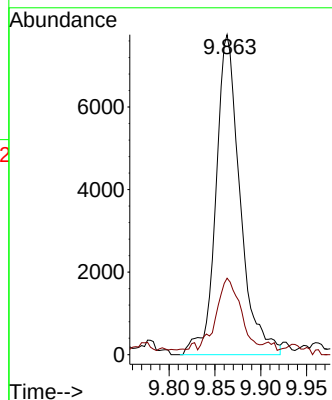
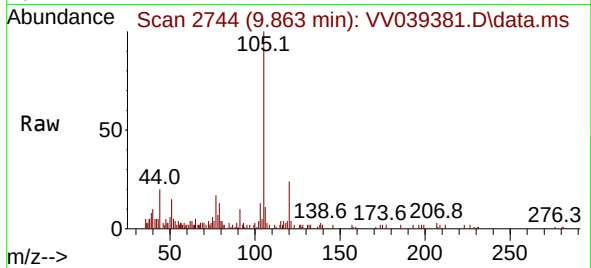




#73
Isopropylbenzene
Concen: 0.530 ug/l
RT: 9.863 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

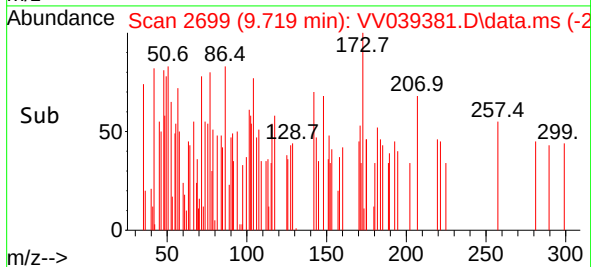
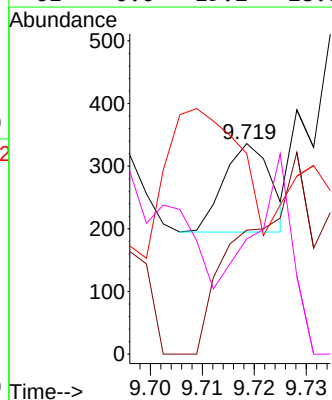
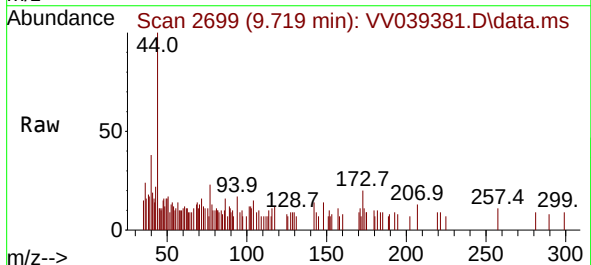
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

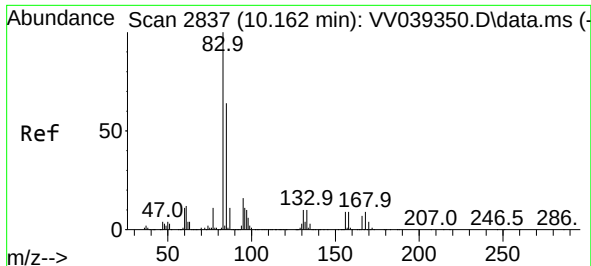
Tgt Ion:105 Resp: 14198
Ion Ratio Lower Upper
105 100
120 22.2 13.4 40.1



#74
N-ethyl acetate
Concen: 0.008 ug/l
RT: 9.719 min Scan# 2699
Delta R.T. -0.003 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
70 0.0 34.6 51.8#
55 266.3 21.0 31.6#
61 0.0 19.2 28.8#

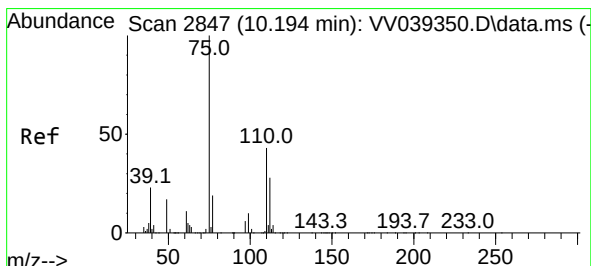
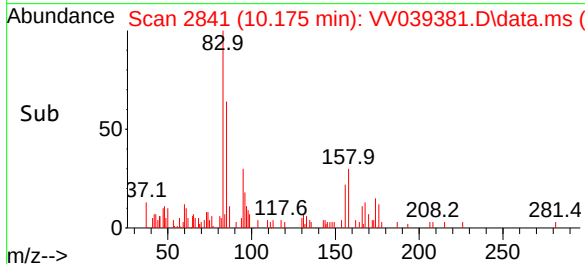
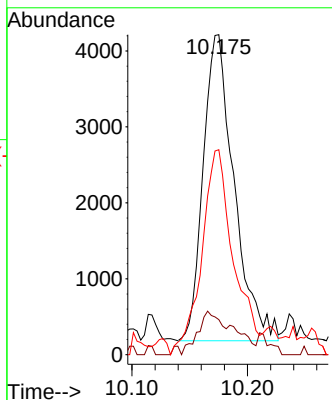
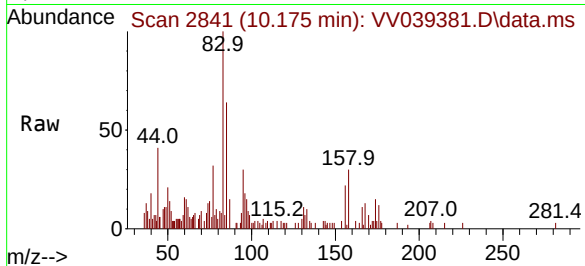




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.643 ug/l
 RT: 10.175 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV039381.D
 Acq: 13 Nov 2025 14:33

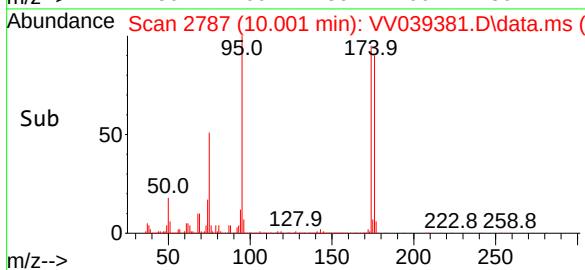
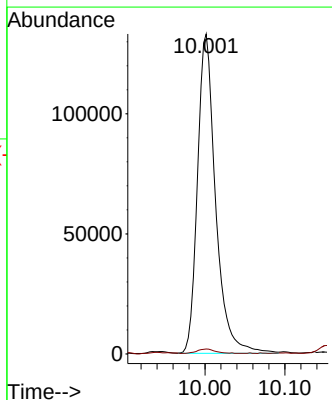
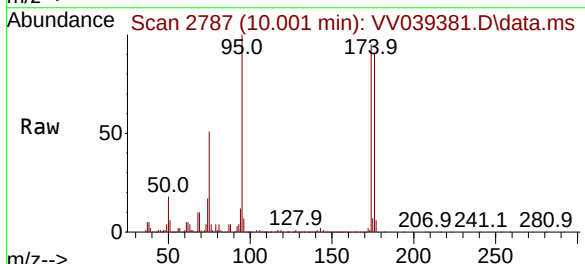
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-03-QT4-2025

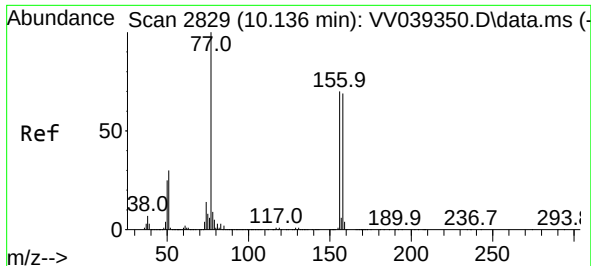
Tgt Ion: 83 Resp: 7505
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.4 16.2
 85 68.4 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 24.661 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. -0.193 min
 Lab File: VV039381.D
 Acq: 13 Nov 2025 14:33

Tgt Ion: 75 Resp: 210003
 Ion Ratio Lower Upper
 75 100
 77 1.5 11.8 35.3#

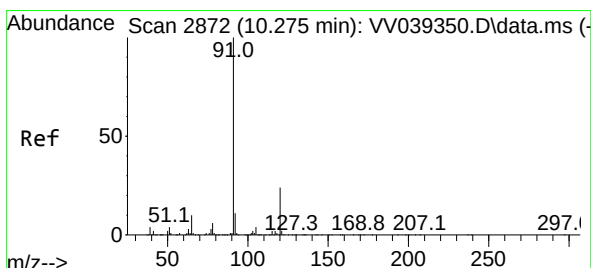
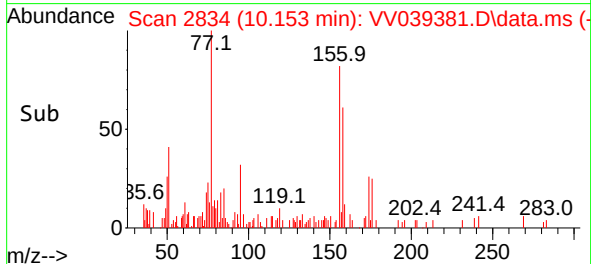
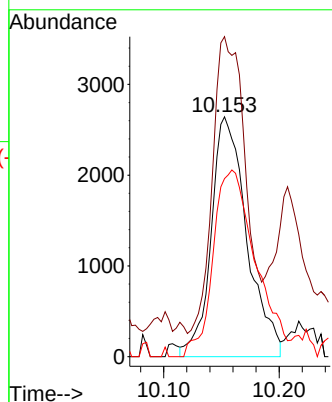
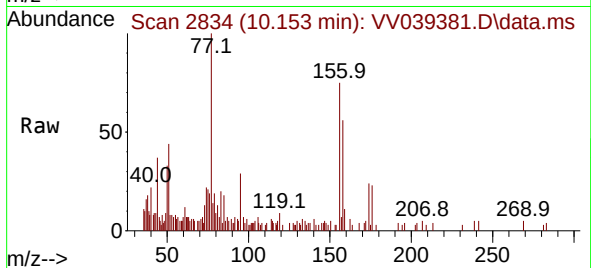




#77
Bromobenzene
Concen: 0.687 ug/l
RT: 10.153 min Scan# 2834
Delta R.T. 0.016 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

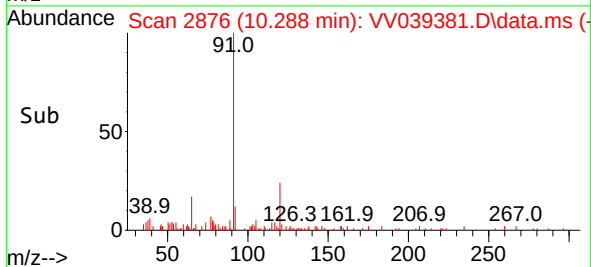
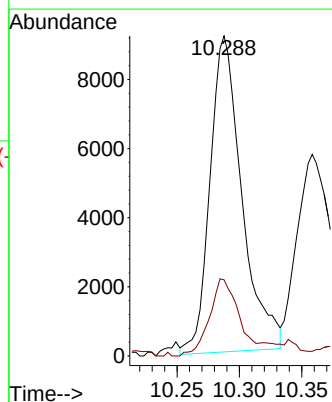
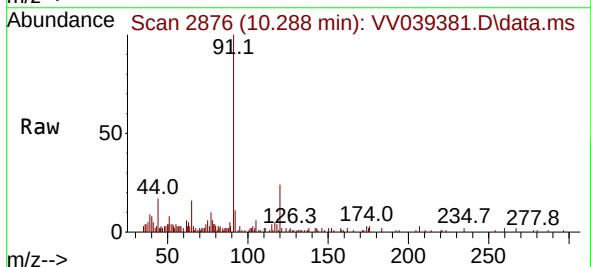
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

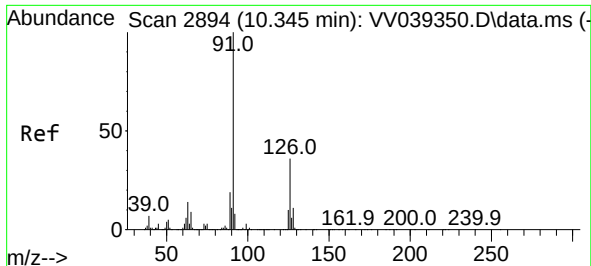
Tgt Ion:156 Resp: 5682
Ion Ratio Lower Upper
156 100
77 112.1 70.3 210.9
158 92.1 49.4 148.0



#78
n-propylbenzene
Concen: 0.532 ug/l
RT: 10.288 min Scan# 2876
Delta R.T. 0.013 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 91 Resp: 16321
Ion Ratio Lower Upper
91 100
120 22.6 12.0 36.0

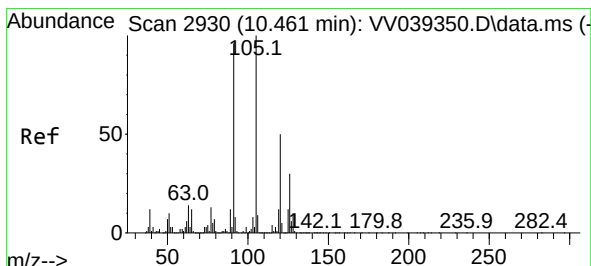
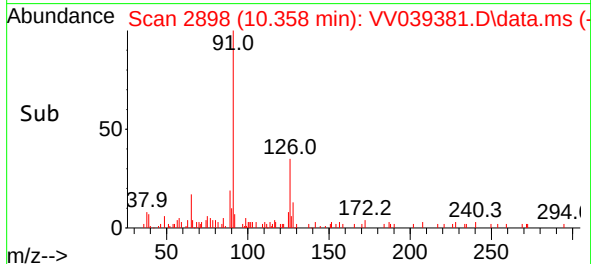
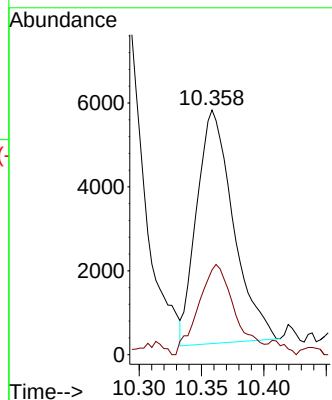
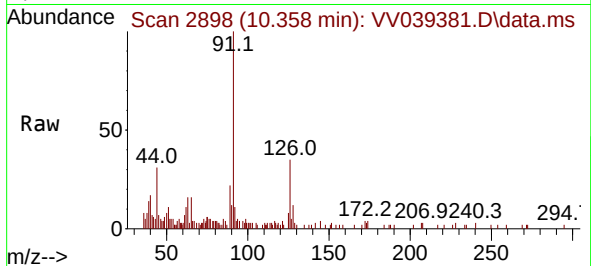




#79
2-Chlorotoluene
Concen: 0.578 ug/l
RT: 10.358 min Scan# 2898
Delta R.T. 0.013 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

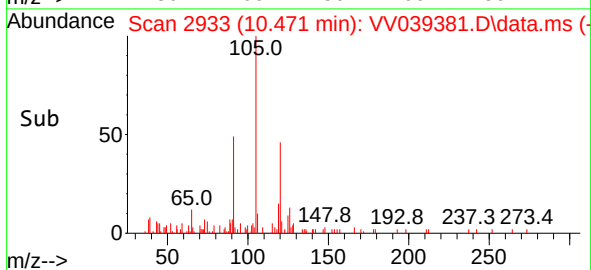
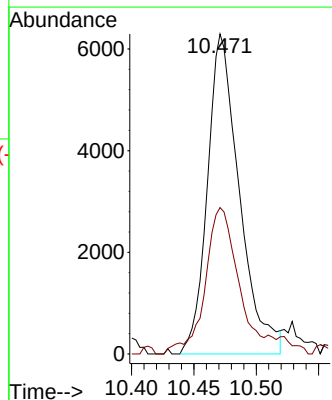
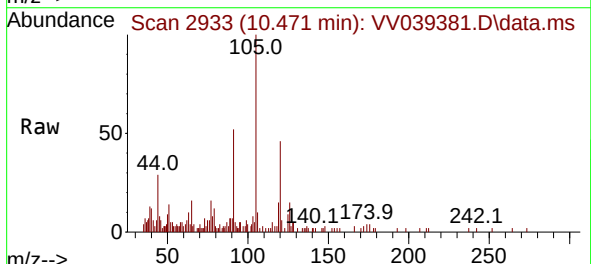
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

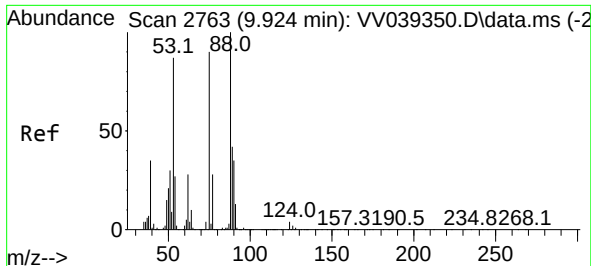
Tgt Ion: 91 Resp: 11351
Ion Ratio Lower Upper
91 100
126 38.1 17.6 52.8



#80
1,3,5-Trimethylbenzene
Concen: 0.513 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.010 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 105 Resp: 11241
Ion Ratio Lower Upper
105 100
120 46.8 25.1 75.4

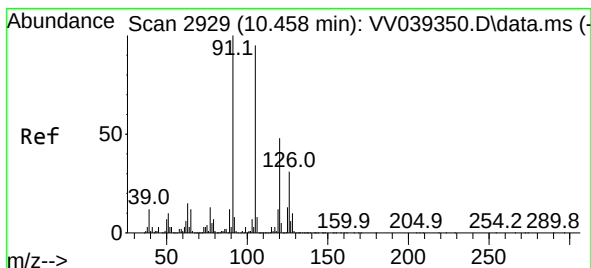
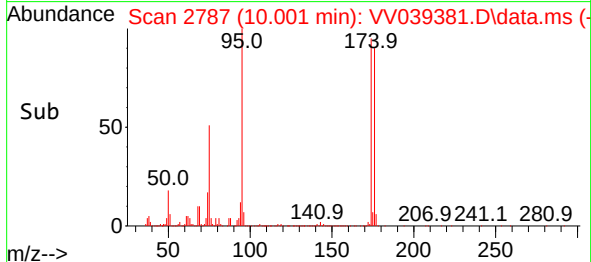
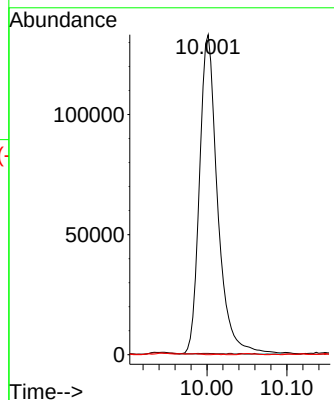
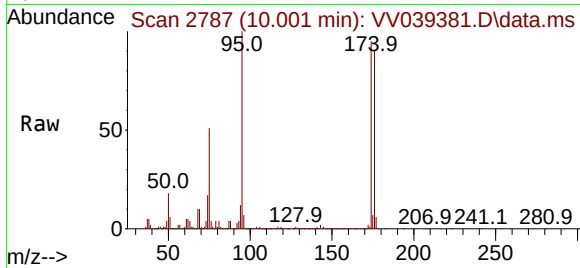




#81
trans-1,4-Dichloro-2-butene
Concen: 66.107 ug/l
RT: 10.001 min Scan# 210003
Delta R.T. 0.077 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

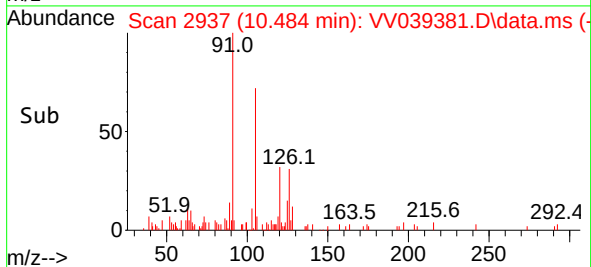
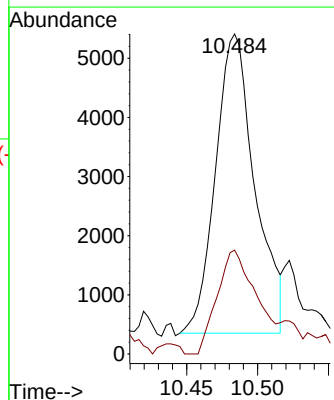
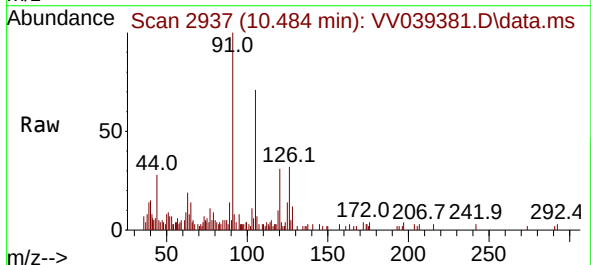
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

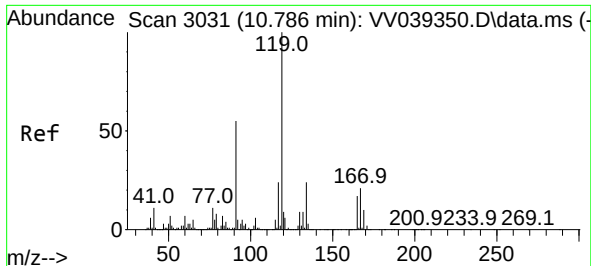
Tgt Ion: 75 Resp: 210003
Ion Ratio Lower Upper
75 100
53 0.1 79.0 118.6#
89 0.0 40.4 60.6#



#82
4-Chlorotoluene
Concen: 0.445 ug/l
RT: 10.484 min Scan# 2937
Delta R.T. 0.026 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion: 91 Resp: 9779
Ion Ratio Lower Upper
91 100
126 34.4 15.3 45.9

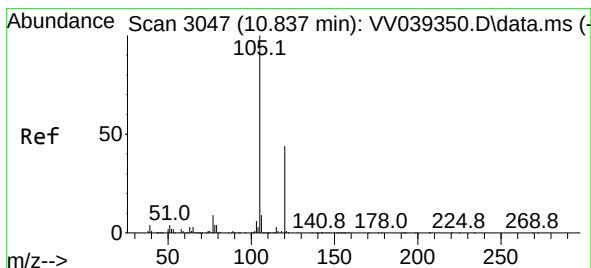
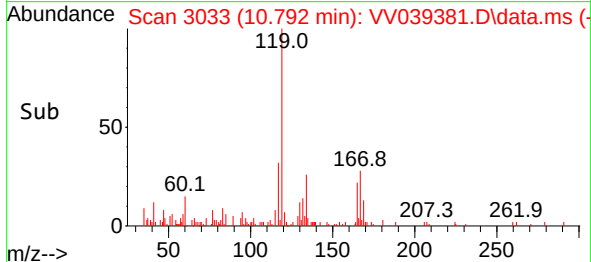
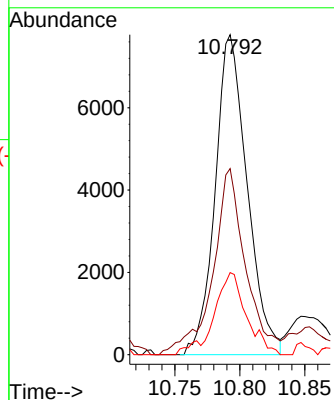
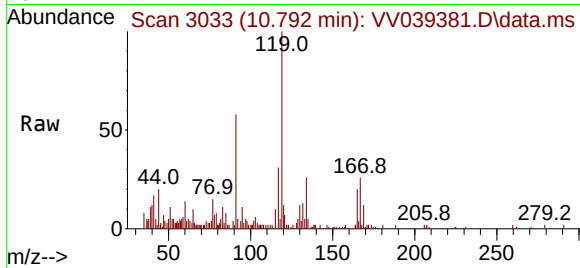




#83
tert-Butylbenzene
Concen: 0.553 ug/l
RT: 10.792 min Scan# 3033
Delta R.T. 0.007 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

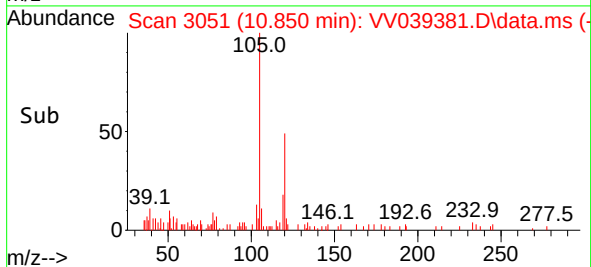
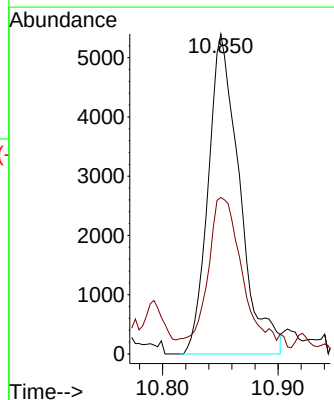
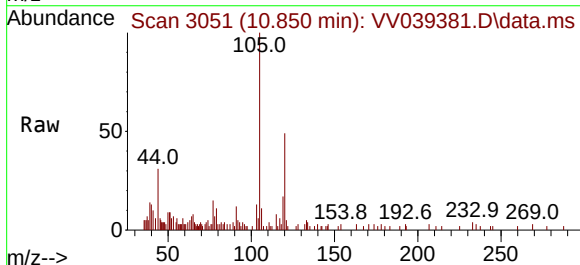
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03-QT4-2025

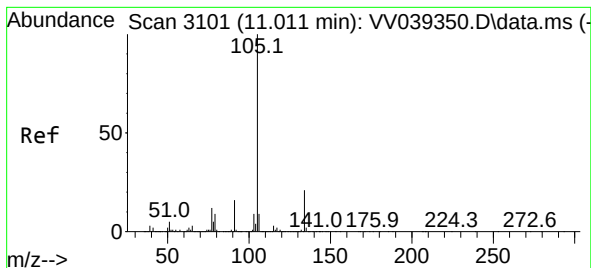
Tgt Ion:119	Resp:	13311
Ion Ratio	Lower	Upper
119	100	
91	59.3	26.5 79.5
134	25.9	11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 0.478 ug/l
RT: 10.850 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion:105	Resp:	10192
Ion Ratio	Lower	Upper
105	100	
120	53.0	23.0 69.0





#85

sec-Butylbenzene

Concen: 0.506 ug/l

RT: 11.018 min Scan# 3101

Delta R.T. 0.007 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

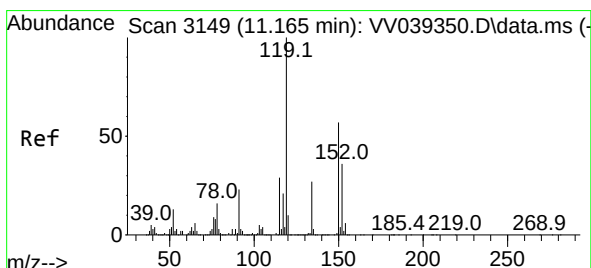
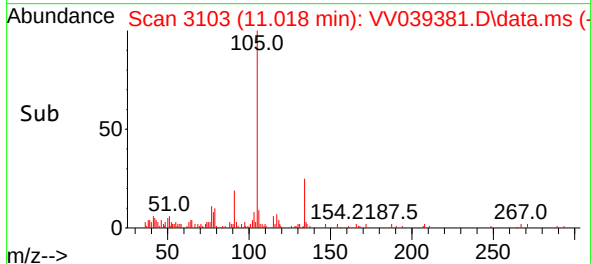
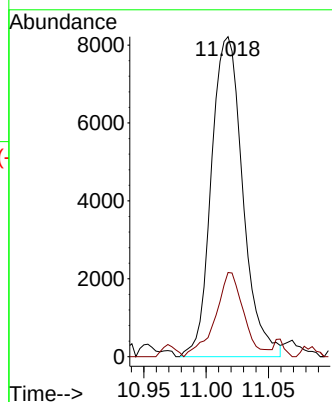
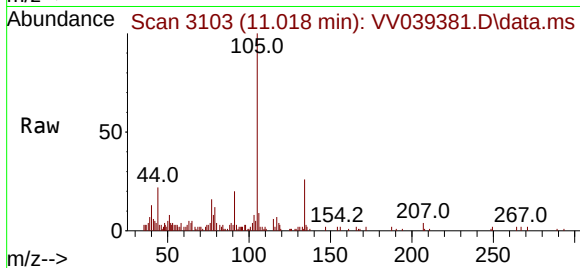
MDL-WATER-03-QT4-2025

Tgt Ion:105 Resp: 14443

Ion Ratio Lower Upper

105 100

134 23.6 10.5 31.6



#86

p-Isopropyltoluene

Concen: 0.519 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.007 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

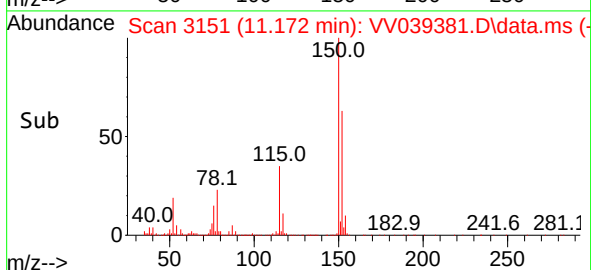
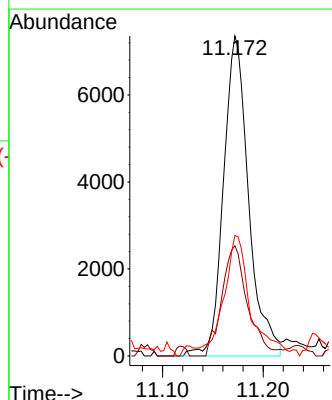
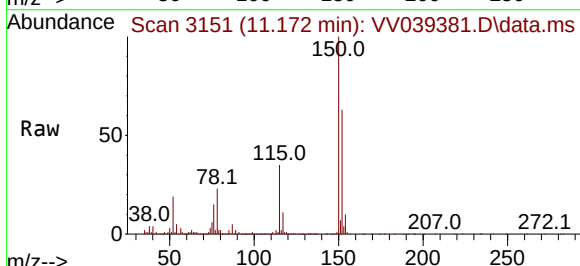
Tgt Ion:119 Resp: 12780

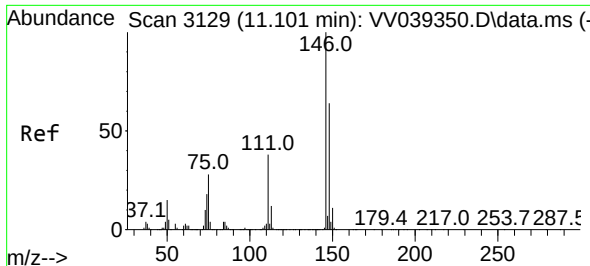
Ion Ratio Lower Upper

119 100

134 35.1 13.4 40.2

91 40.4 11.5 34.4#

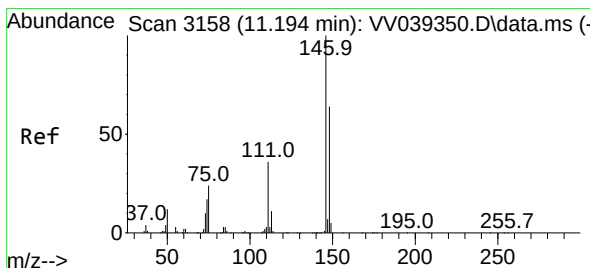
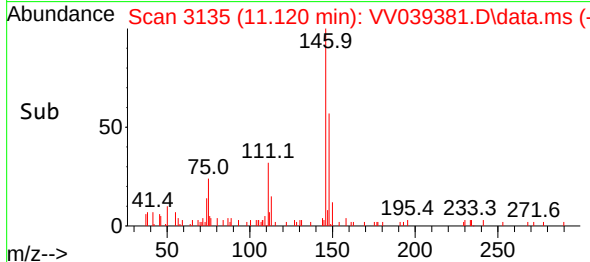
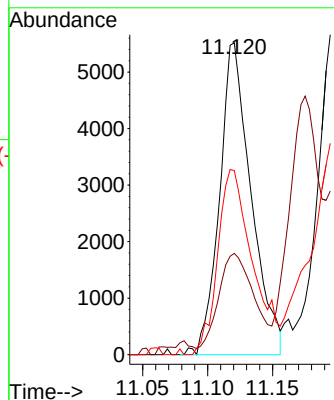
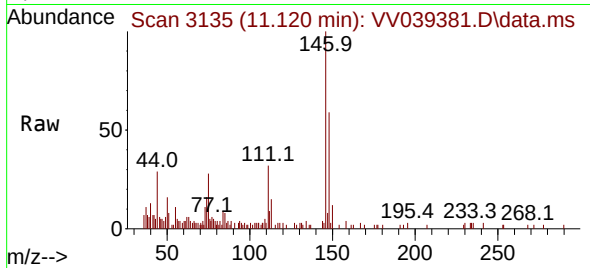




#87
1,3-Dichlorobenzene
Concen: 0.588 ug/l
RT: 11.120 min Scan# 3129
Delta R.T. 0.019 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

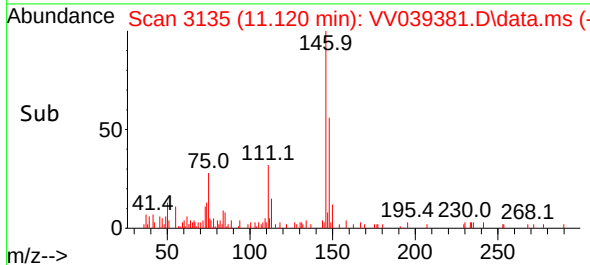
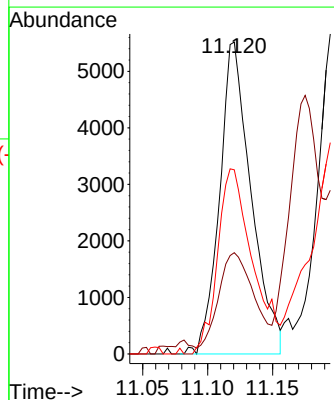
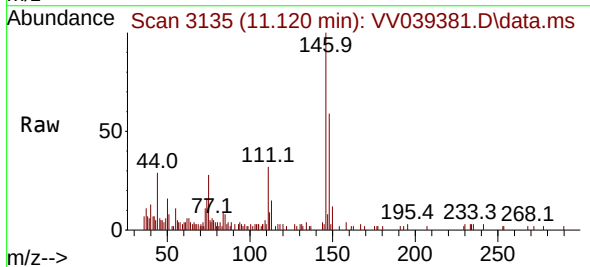
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

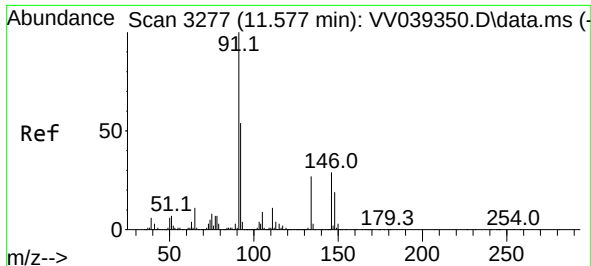
Tgt Ion:146	Resp:	9319
Ion Ratio	Lower	Upper
146	100	
111	33.7	18.8 56.4
148	65.9	31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 0.539 ug/l
RT: 11.120 min Scan# 3135
Delta R.T. -0.074 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion:146	Resp:	9319
Ion Ratio	Lower	Upper
146	100	
111	33.7	18.6 55.8
148	65.9	32.0 96.2

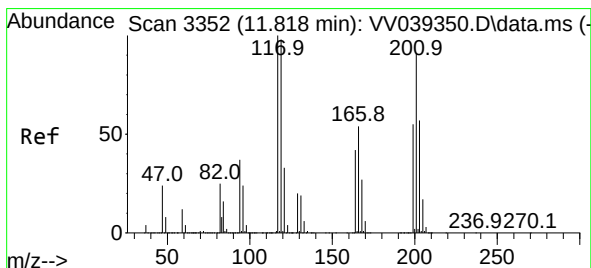
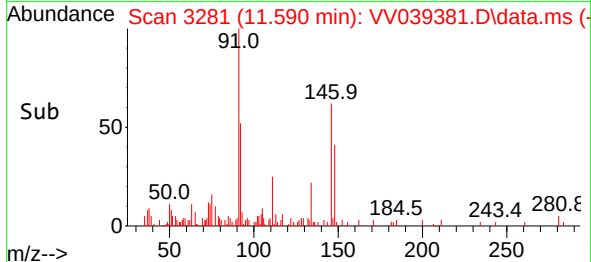
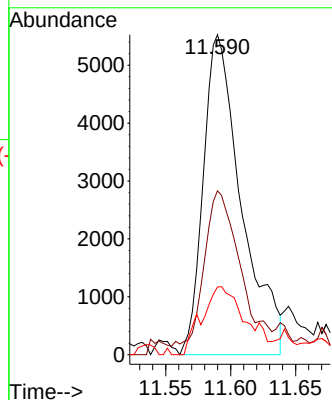
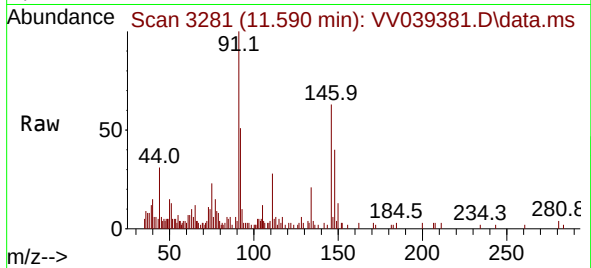




#89
n-Butylbenzene
Concen: 0.513 ug/l
RT: 11.590 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

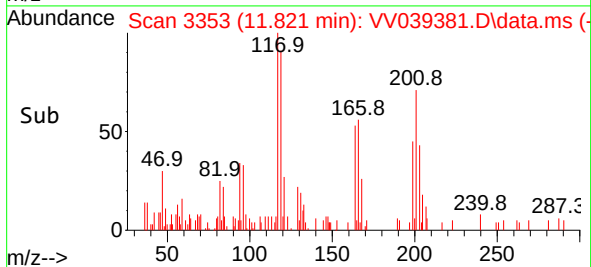
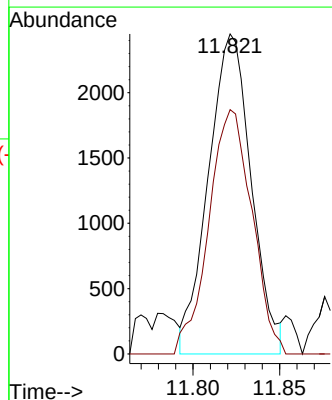
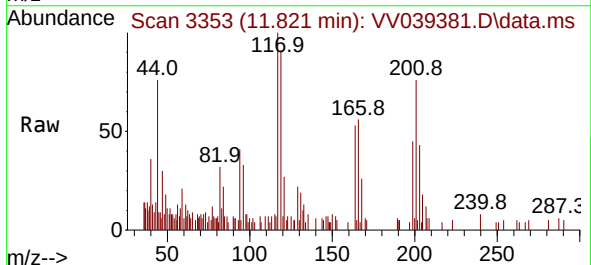
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

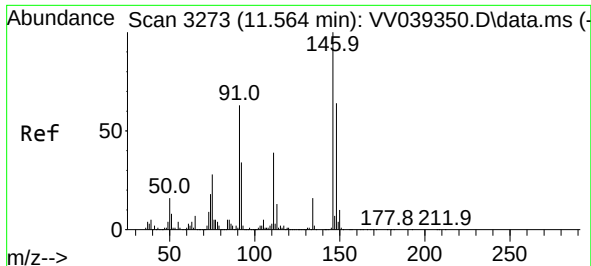
Tgt Ion:	91	Resp:	11276
Ion	Ratio	Lower	Upper
91	100		
92	45.5	26.9	80.7
134	24.4	13.5	40.5



#90
Hexachloroethane
Concen: 0.686 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion:	117	Resp:	4213
Ion	Ratio	Lower	Upper
117	100		
201	76.8	45.3	135.8

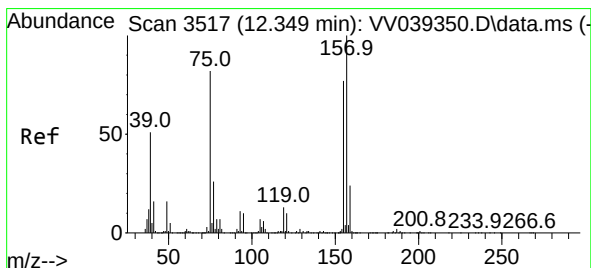
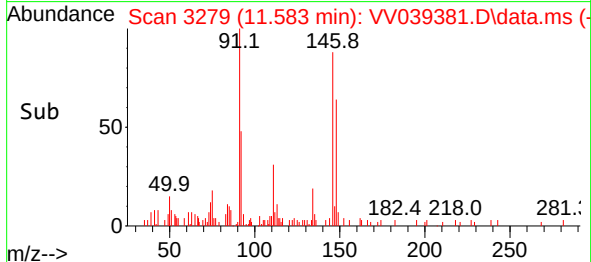
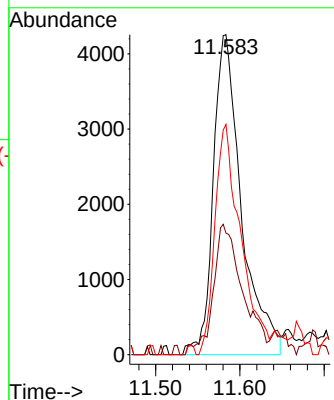
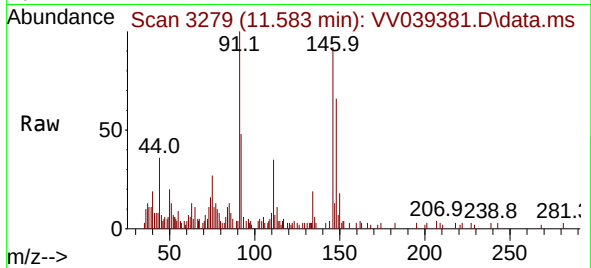




#91
1,2-Dichlorobenzene
Concen: 0.636 ug/l
RT: 11.583 min Scan# 31
Delta R.T. 0.019 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

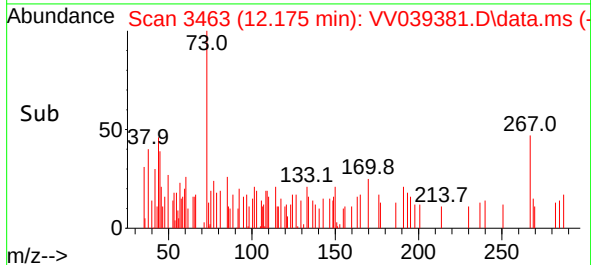
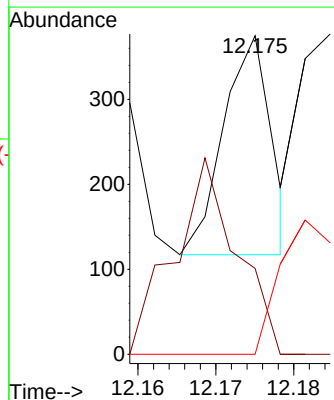
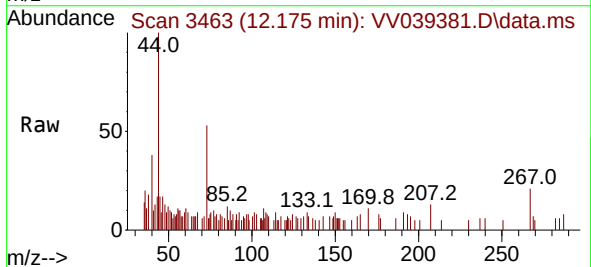
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03-QT4-2025

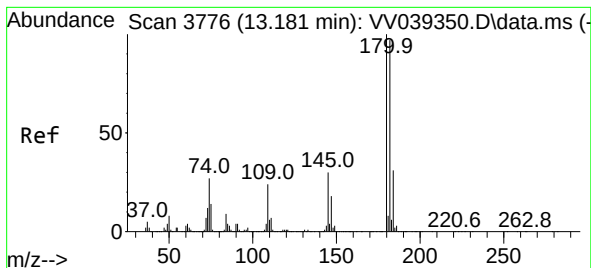
Tgt Ion:	146	Resp:	9879
Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.5	58.5
148	65.8	32.0	96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.046 ug/l
RT: 12.175 min Scan# 3463
Delta R.T. -0.174 min
Lab File: VV039381.D
Acq: 13 Nov 2025 14:33

Tgt Ion:	75	Resp:	111
Ion	Ratio	Lower	Upper
75	100		
155	116.2	47.0	141.2
157	68.5	61.3	183.9





#93

1,2,4-Trichlorobenzene

Concen: 0.584 ug/l

RT: 13.201 min Scan# 31

Delta R.T. 0.019 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-03-QT4-2025

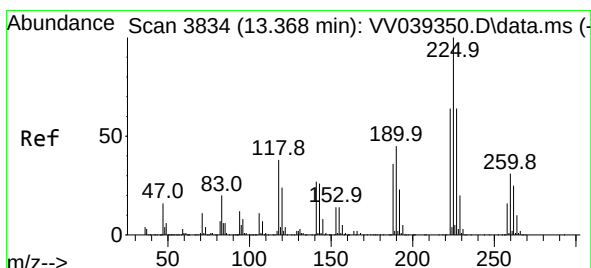
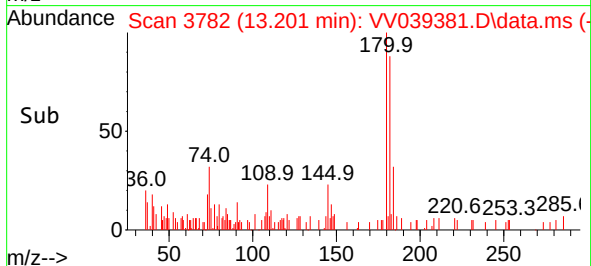
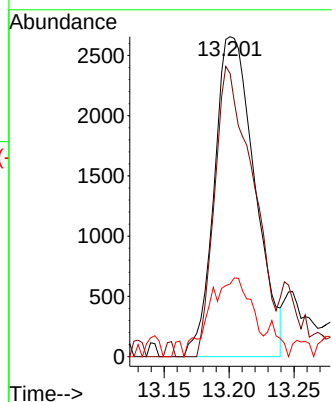
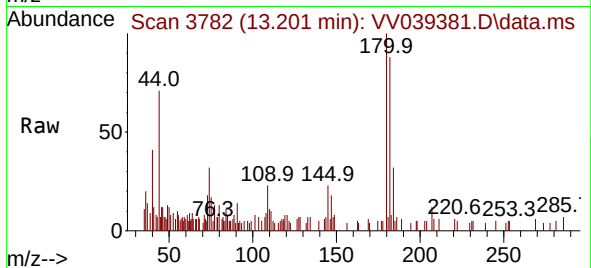
Tgt Ion:180 Resp: 5750

Ion Ratio Lower Upper

180 100

182 86.1 48.5 145.5

145 25.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 0.815 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

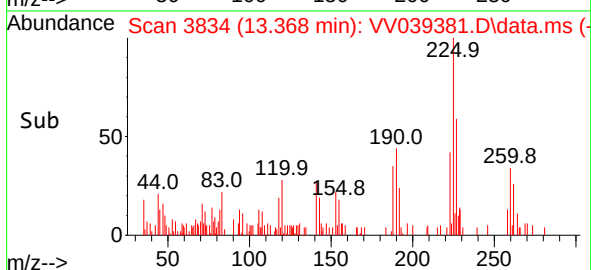
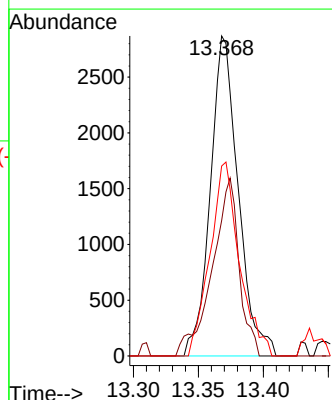
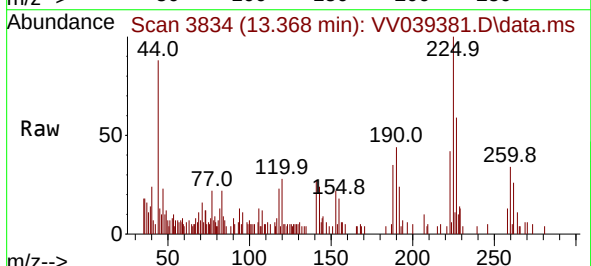
Tgt Ion:225 Resp: 4280

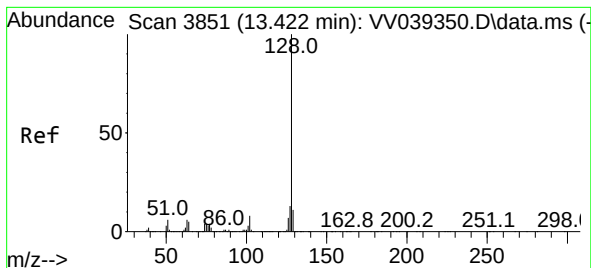
Ion Ratio Lower Upper

225 100

223 53.4 31.1 93.5

227 64.0 31.7 95.1





#95

Naphthalene

Concen: 0.446 ug/l

RT: 13.442 min Scan# 3930

Delta R.T. 0.019 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-03-QT4-2025

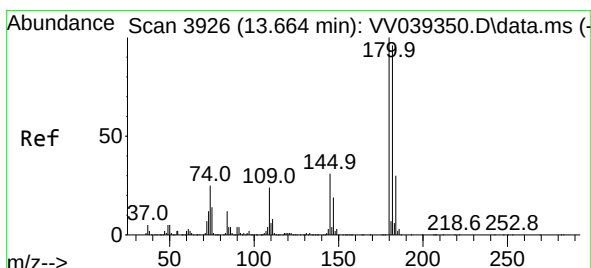
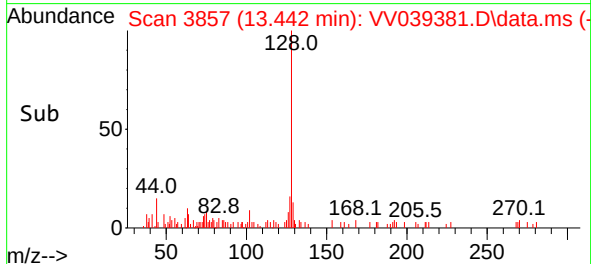
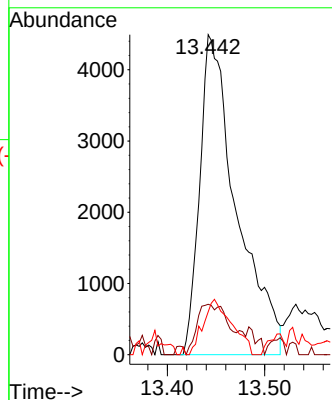
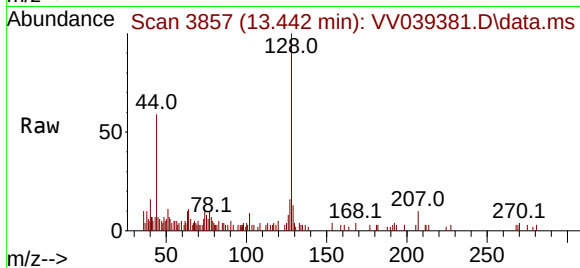
Tgt Ion:128 Resp: 11770

Ion Ratio Lower Upper

128 100

127 14.6 10.4 15.6

129 13.4 8.4 12.6#



#96

1,2,3-Trichlorobenzene

Concen: 0.596 ug/l

RT: 13.677 min Scan# 3930

Delta R.T. 0.013 min

Lab File: VV039381.D

Acq: 13 Nov 2025 14:33

Tgt Ion:180 Resp: 6059

Ion Ratio Lower Upper

180 100

182 90.4 47.9 143.6

145 30.4 15.3 45.9

