

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061025\
 Data File : VU063375.D
 Acq On : 10 Jun 2025 11:16
 Operator : MD/SY
 Sample : Q2117-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2025-04

Quant Time: Jun 10 11:40:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 09 11:34:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	92544	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	97411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	44555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44579	4.910	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.904	69	37562	5.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.557	65	16290	5.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.000%
20) 2-Butanone-d5	4.615	46	103067	53.306	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.620%
24) Chloroform-d	5.052	84	77334	5.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
26) 1,2-Dichloroethane-d4	5.692	65	41818	5.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	5.717	84	151308	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.682	67	52335	5.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.891	98	117928	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.177	79	17061	5.010	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.627	63	68296	45.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	43985	5.185	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	41064	5.504	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2258	0.261	ug/L #	87
3) Chloromethane	1.518	50	3009	0.277	ug/L	98
5) Vinyl chloride	1.599	62	3088	0.262	ug/L #	72
6) Bromomethane	1.849	94	1674	0.261	ug/L	87
8) Chloroethane	1.927	64	1881	0.262	ug/L	90
9) Trichlorofluoromethane	2.129	101	3674	0.275	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2368	0.310	ug/L #	82
12) 1,1-Dichloroethene	2.566	96	2288	0.320	ug/L #	1
14) Carbon disulfide	2.782	76	6844	0.275	ug/L	99
16) Methylene chloride	3.036	84	2978	0.326	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	4063	0.224	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	1893	0.237	ug/L	92
19) 1,1-Dichloroethane	3.862	63	4111	0.257	ug/L	93
21) 2-Butanone	4.727	43	6302	2.986	ug/L	82
22) cis-1,2-Dichloroethene	4.656	96	2180	0.244	ug/L	86
23) Bromochloromethane	4.975	128	848	0.205	ug/L #	87
27) 1,2-Dichloroethane	5.798	62	2926	0.284	ug/L #	90
30) Cyclohexane	5.377	56	2732	0.197	ug/L	92
31) Carbon tetrachloride	5.515	117	2752	0.247	ug/L	98

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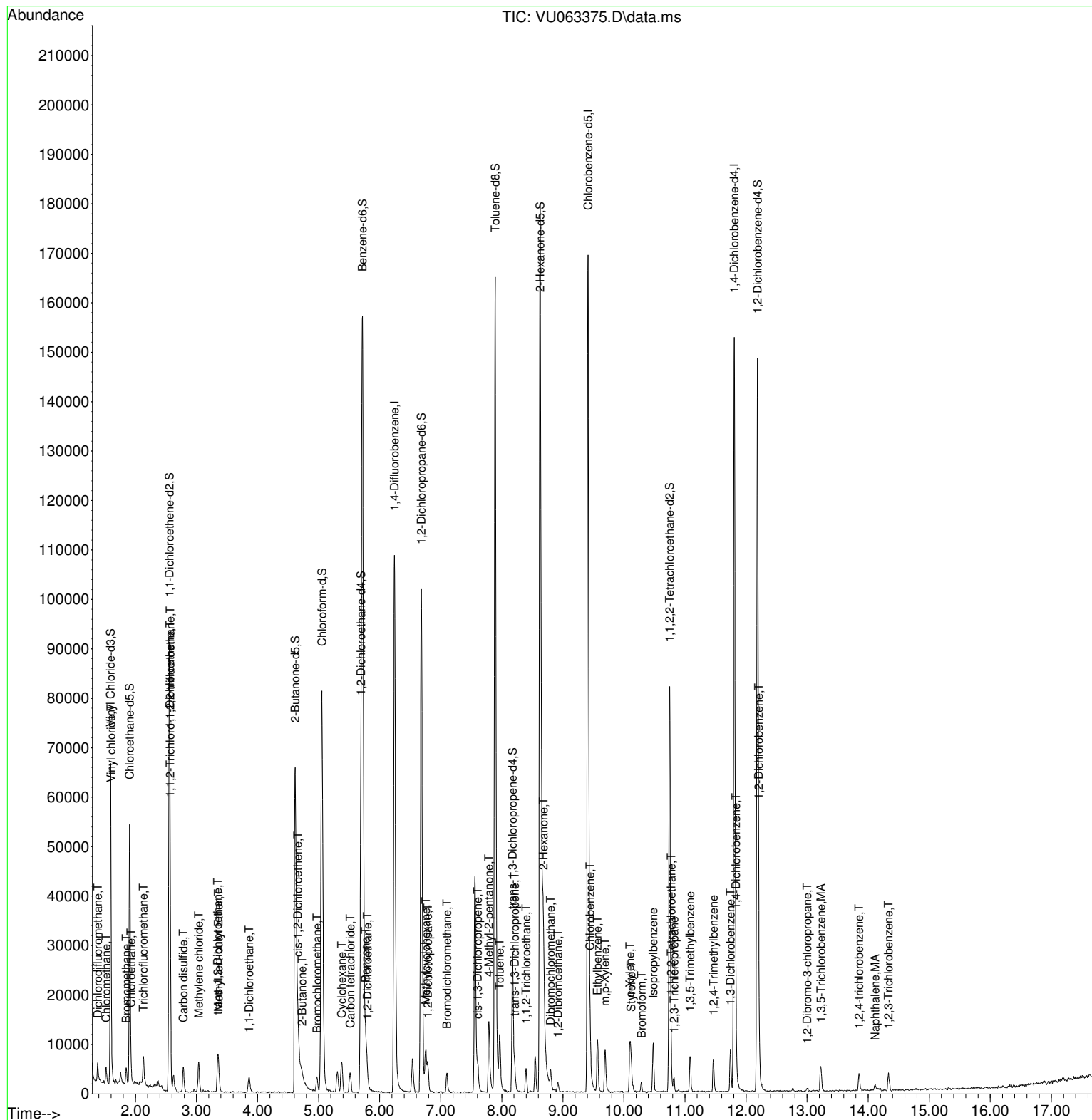
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.769	78	9367	0.253	ug/L	100
35) Methylcyclohexane	6.756	83	3073	0.224	ug/L #	94
37) 1,2-Dichloropropane	6.785	63	2648	0.258	ug/L #	90
38) Bromodichloromethane	7.100	83	2973	0.245	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	3113	0.223	ug/L	93
40) 4-Methyl-2-pentanone	7.788	43	11247	2.035	ug/L #	82
42) Toluene	7.965	91	8513	0.222	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	3179	0.280	ug/L	93
45) 1,1,2-Trichloroethane	8.396	97	1644	0.224	ug/L	96
48) 2-Hexanone	8.682	43	19184	4.843	ug/L	94
49) Dibromochloromethane	8.801	129	1802	0.229	ug/L	89
50) 1,2-Dibromoethane	8.920	107	1572	0.233	ug/L #	99
51) Chlorobenzene	9.444	112	6217	0.254	ug/L	97
52) Ethylbenzene	9.566	91	8385	0.214	ug/L	97
53) m,p-Xylene	9.688	106	3072	0.209	ug/L	91
54) o-Xylene	10.097	106	2628	0.188	ug/L	100
55) Styrene	10.119	104	4080	0.171	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	2566	0.273	ug/L #	94
59) Bromoform	10.286	173	1022	0.258	ug/L #	82
60) Isopropylbenzene	10.479	105	6861	0.217	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	1532	0.283	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	4837	0.198	ug/L	93
63) 1,2,4-Trimethylbenzene	11.466	105	4081	0.174	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	3956	0.252	ug/L	91
65) 1,4-Dichlorobenzene	11.833	146	4242	0.269	ug/L	91
67) 1,2-Dichlorobenzene	12.206	146	3924	0.266	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.003	75	114	0.110	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.225	180	2515	0.241	ug/L	92
70) 1,2,4-trichlorobenzene	13.849	180	2013	0.244	ug/L #	86
71) Naphthalene	14.113	128	2228	0.189	ug/L #	75
72) 1,2,3-Trichlorobenzene	14.335	180	1617	0.216	ug/L	94

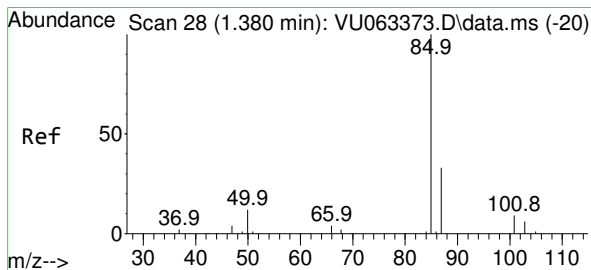
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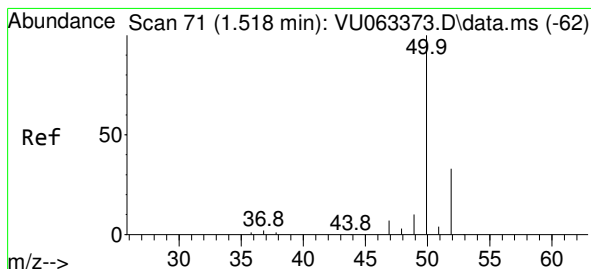
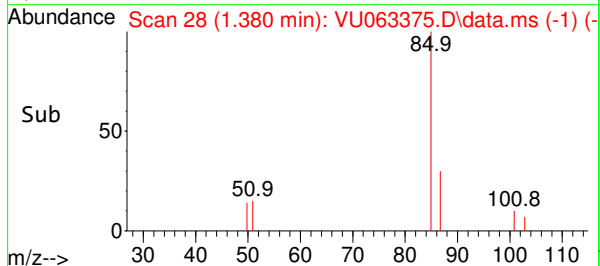
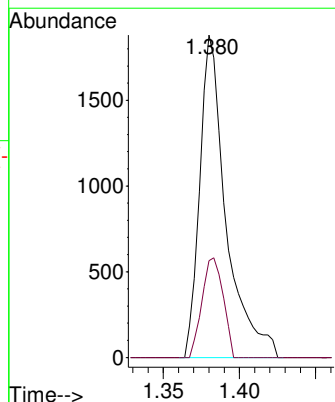
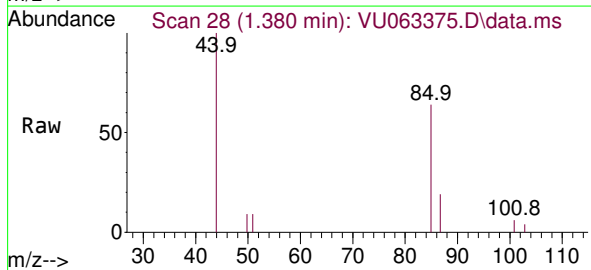




#2
Dichlorodifluoromethane
Concen: 0.261 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

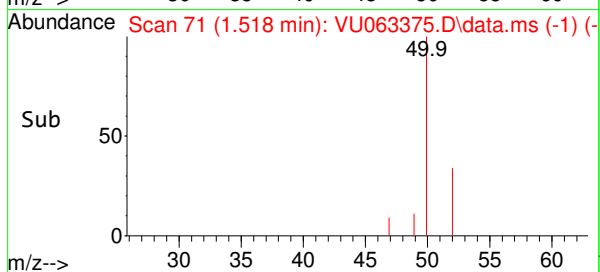
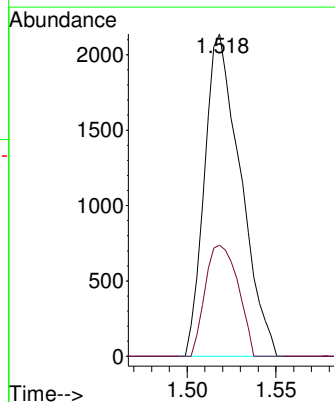
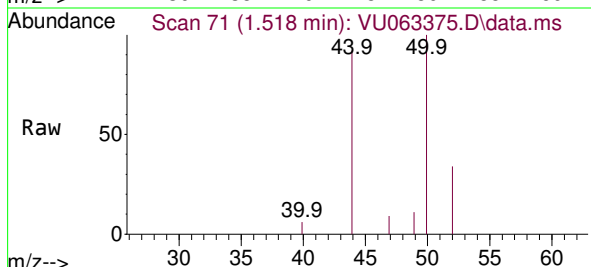
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

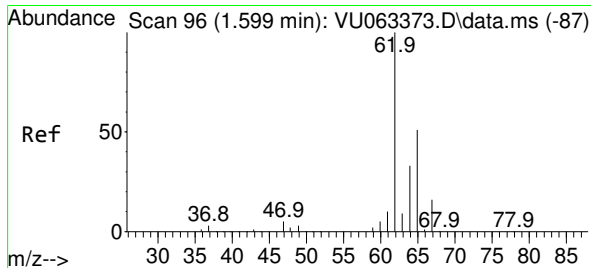
Tgt Ion: 85 Resp: 2258
Ion Ratio Lower Upper
85 100
87 24.8 25.9 38.9#



#3
Chloromethane
Concen: 0.277 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 50 Resp: 3009
Ion Ratio Lower Upper
50 100
52 34.5 23.4 43.6

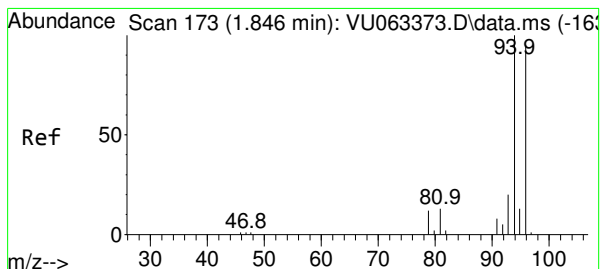
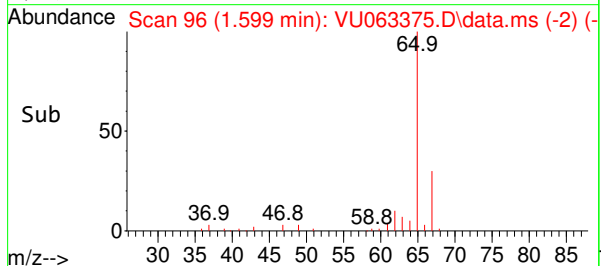
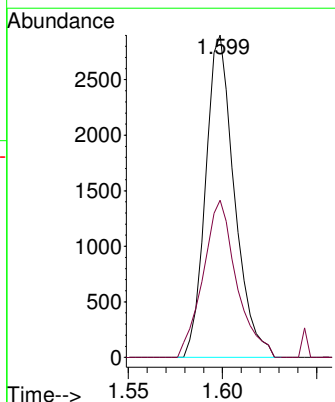
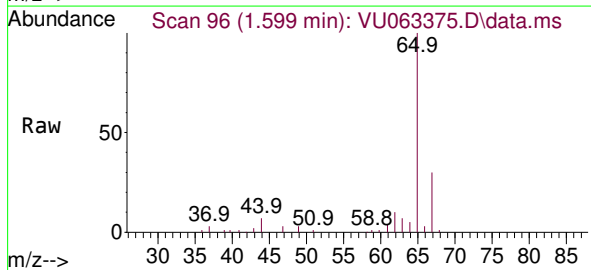




#5
 Vinyl chloride
 Concen: 0.262 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.003 min
 Lab File: VU063375.D
 Acq: 10 Jun 2025 11:16

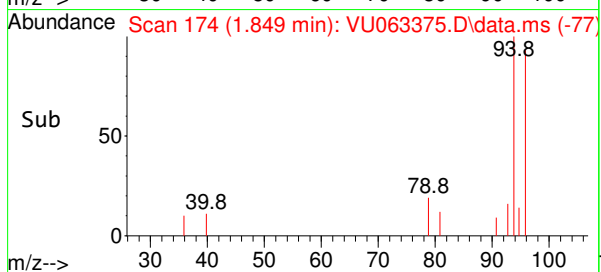
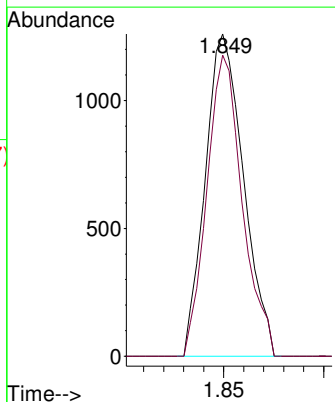
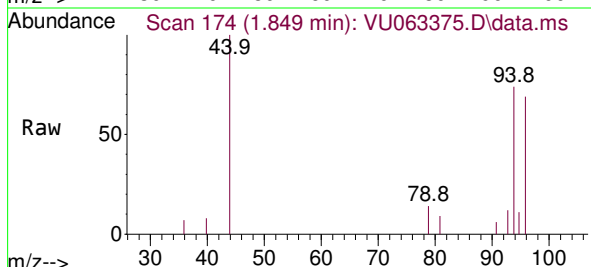
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 ClientSampleId :
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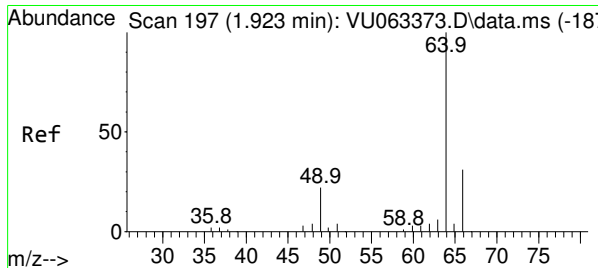
Tgt Ion: 62 Resp: 3088
 Ion Ratio Lower Upper
 62 100
 64 48.8 23.2 43.0#



#6
 Bromomethane
 Concen: 0.261 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. 0.013 min
 Lab File: VU063375.D
 Acq: 10 Jun 2025 11:16

Tgt Ion: 94 Resp: 1674
 Ion Ratio Lower Upper
 94 100
 96 81.6 66.3 123.1

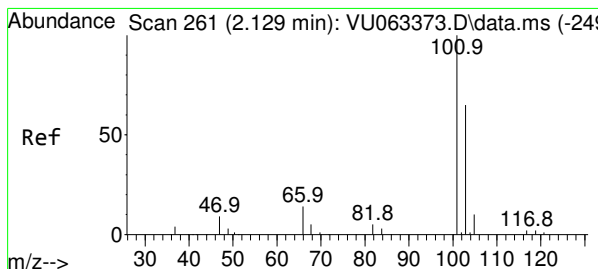
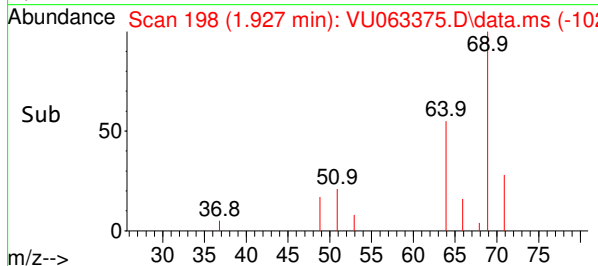
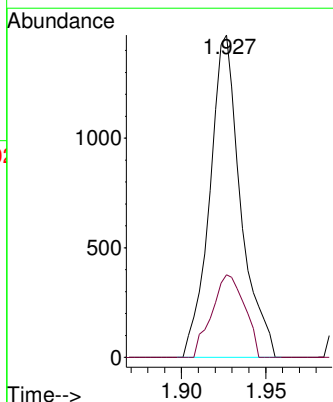
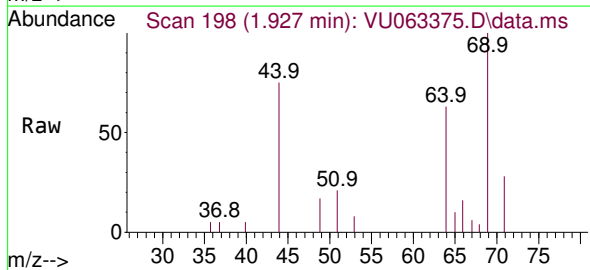




#8
Chloroethane
Concen: 0.262 ug/L
RT: 1.927 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

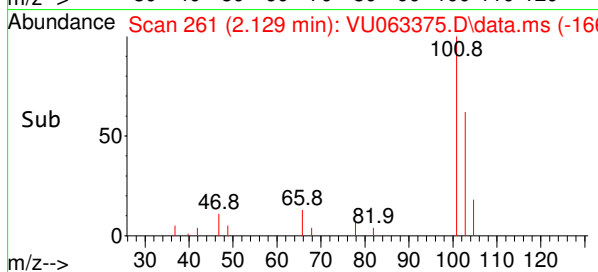
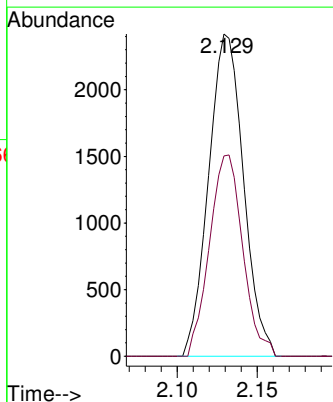
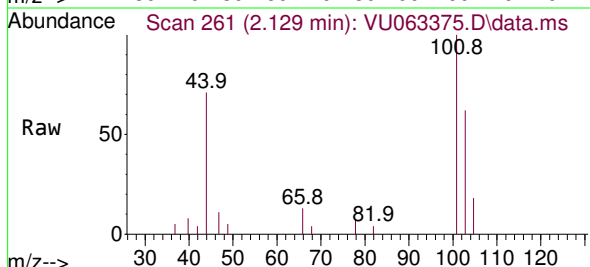
Instrument :
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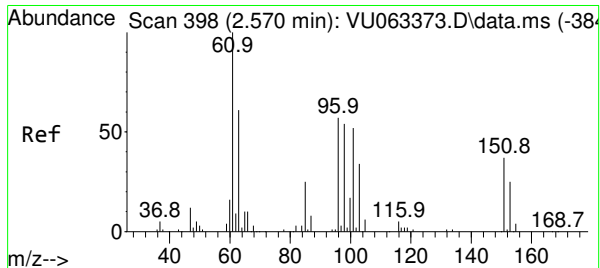
Tgt Ion: 64 Resp: 1881
Ion Ratio Lower Upper
64 100
66 25.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 0.275 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 101 Resp: 3674
Ion Ratio Lower Upper
101 100
103 59.6 51.8 77.8

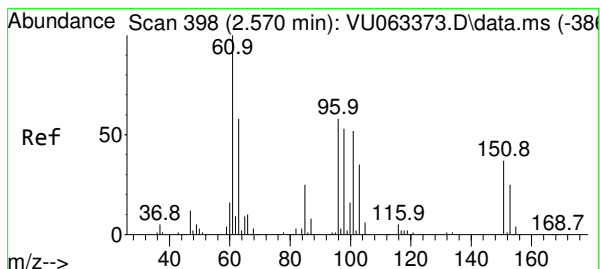
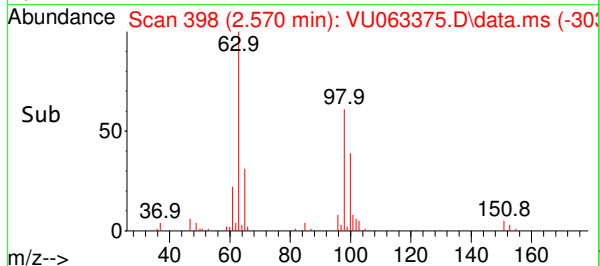
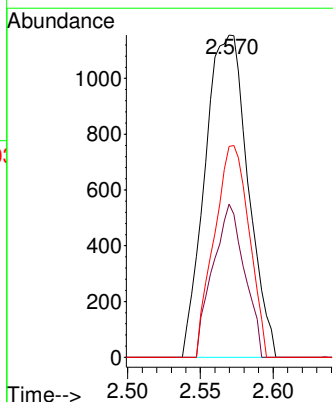
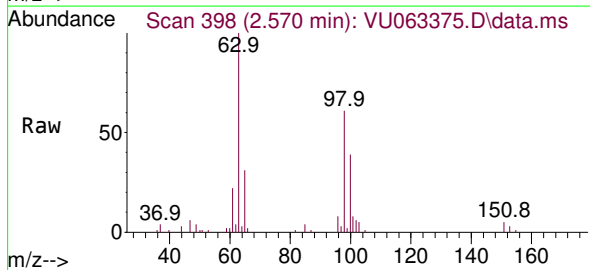




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.310 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

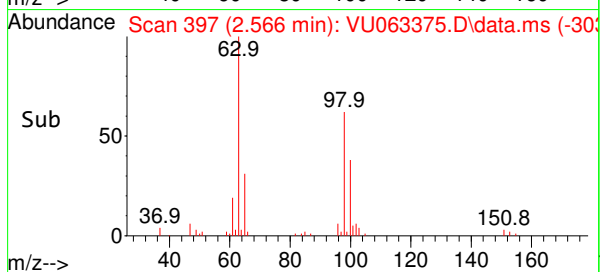
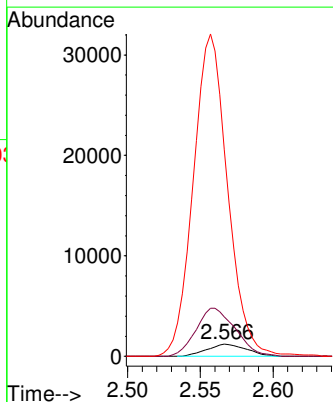
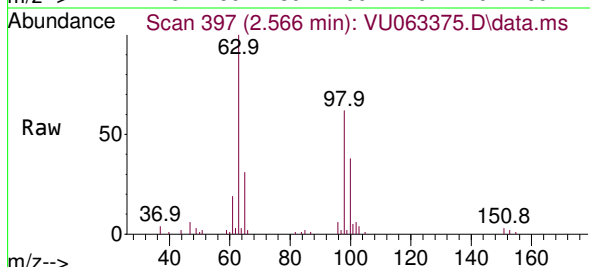
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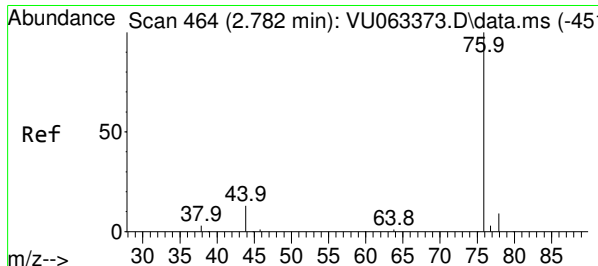
Tgt Ion: 101 Resp: 2368
Ion Ratio Lower Upper
101 100
85 35.1 35.0 52.4
151 53.3 56.3 84.5#



#12
1,1-Dichloroethene
Concen: 0.320 ug/L
RT: 2.566 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 96 Resp: 2288
Ion Ratio Lower Upper
96 100
61 326.3 121.9 226.3#
63 1706.9 80.3 149.1#

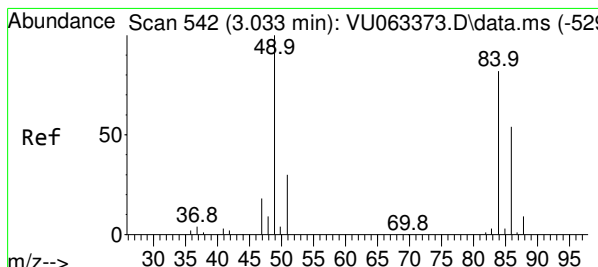
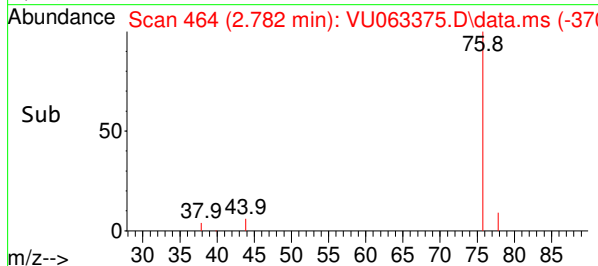
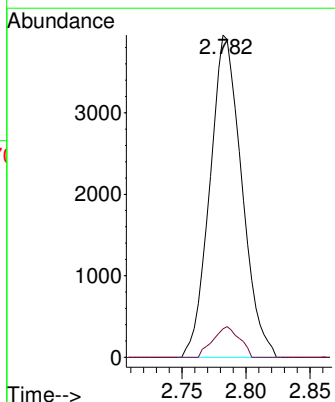
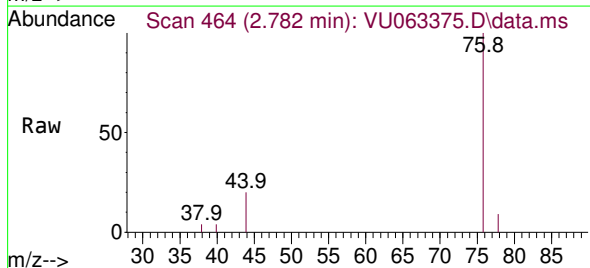




#14
Carbon disulfide
Concen: 0.275 ug/L
RT: 2.782 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

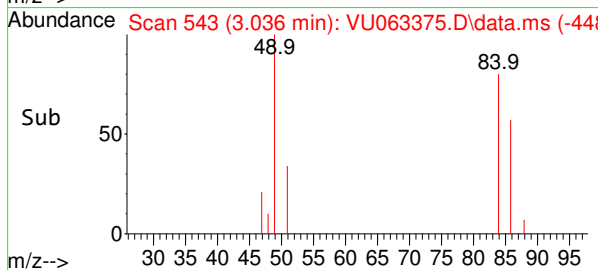
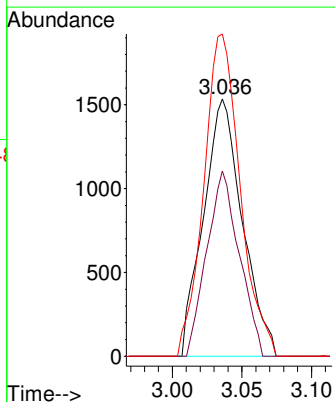
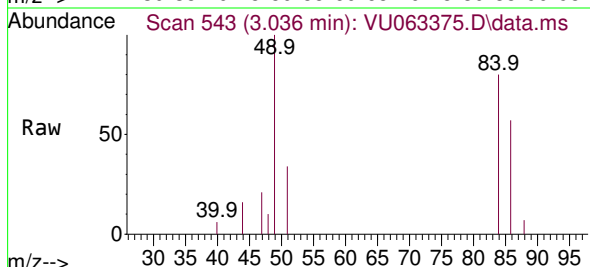
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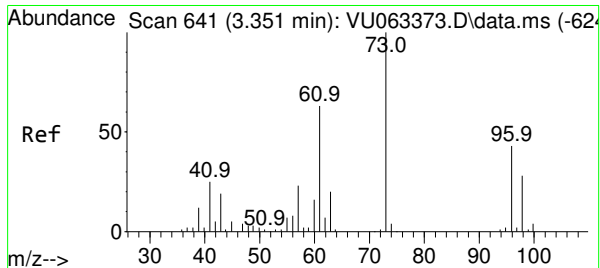
Tgt Ion: 76 Resp: 6844
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#16
Methylene chloride
Concen: 0.326 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 84 Resp: 2978
Ion Ratio Lower Upper
84 100
86 72.0 45.0 83.6
49 125.4 82.4 153.0

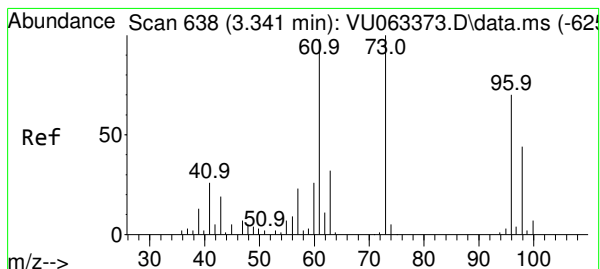
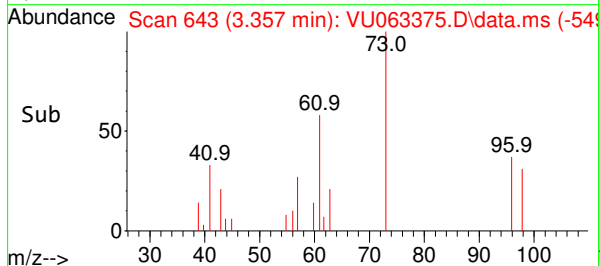
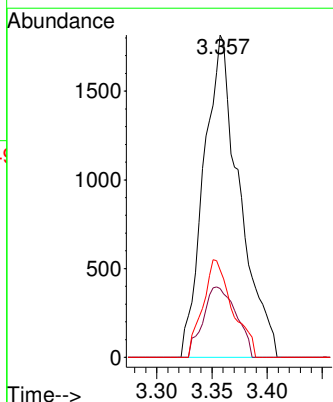
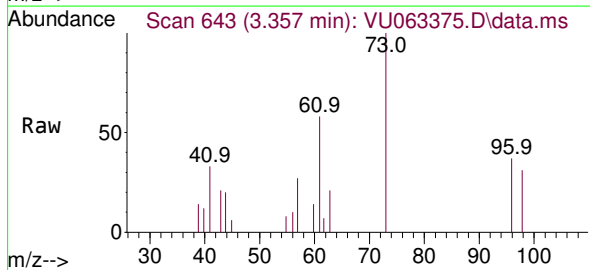




#17
Methyl tert-butyl Ether
Concen: 0.224 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

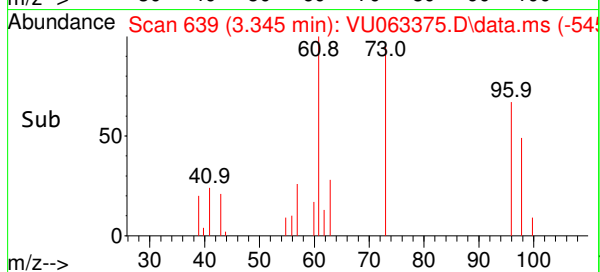
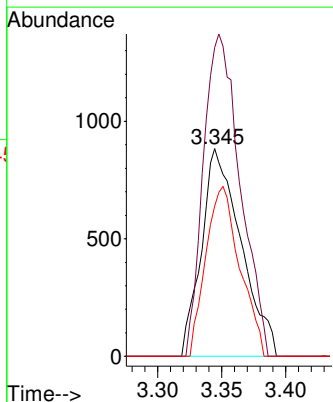
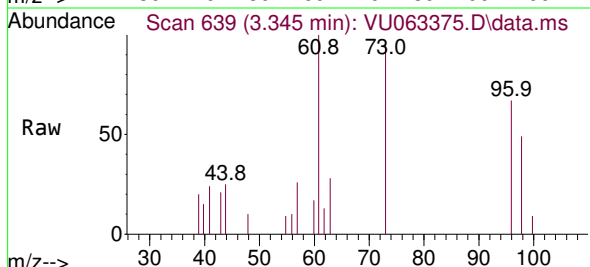
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

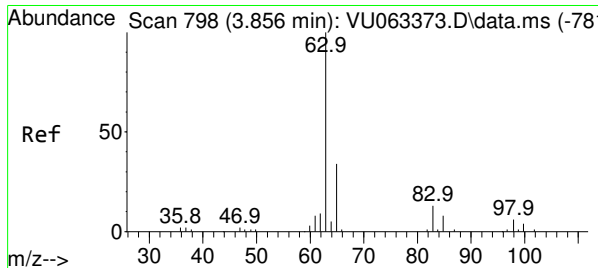
Tgt Ion:	73	Resp:	4063
Ion	Ratio	Lower	Upper
73	100		
43	20.4	15.1	22.7
57	25.3	18.7	28.1



#18
trans-1,2-Dichloroethene
Concen: 0.237 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:	96	Resp:	1893
Ion	Ratio	Lower	Upper
96	100		
61	148.6	99.2	184.2
98	72.3	43.2	80.2

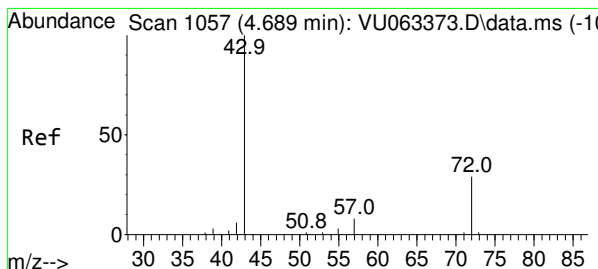
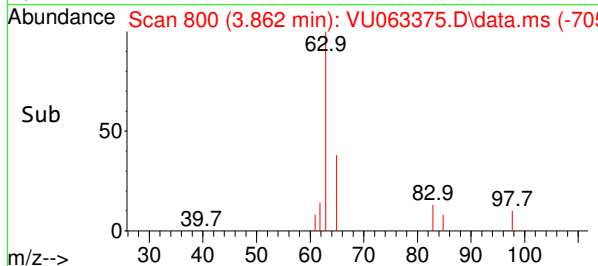
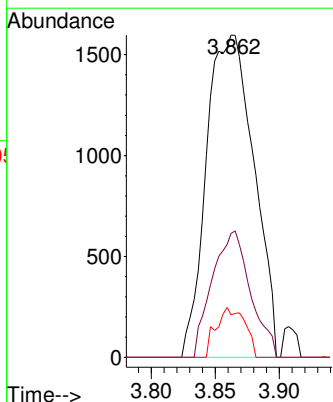
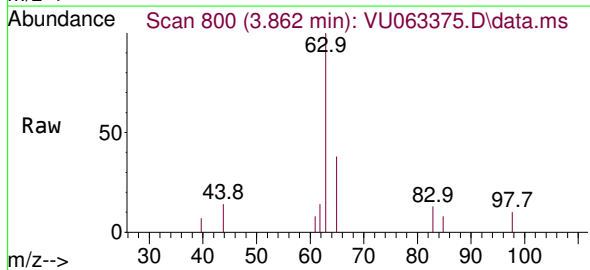




#19
1,1-Dichloroethane
Concen: 0.257 ug/L
RT: 3.862 min Scan# 8
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

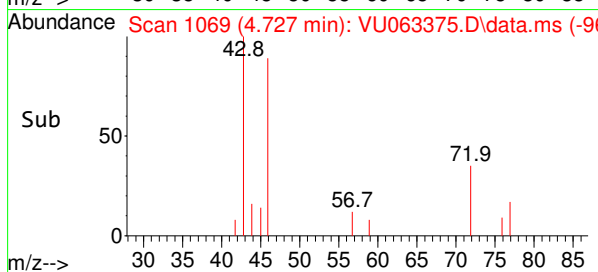
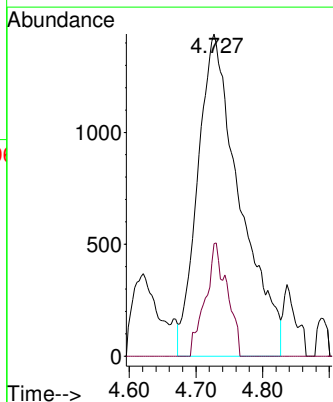
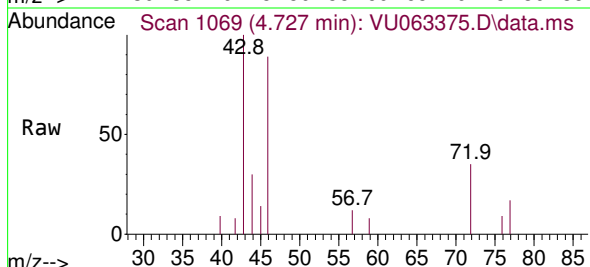
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

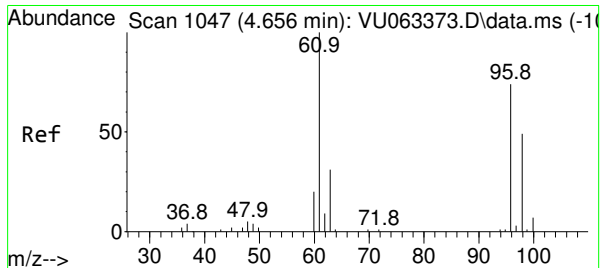
Tgt Ion: 63 Resp: 4111
Ion Ratio Lower Upper
63 100
65 38.4 23.2 43.0
83 13.3 8.7 16.1



#21
2-Butanone
Concen: 2.986 ug/L
RT: 4.727 min Scan# 1069
Delta R.T. 0.032 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 43 Resp: 6302
Ion Ratio Lower Upper
43 100
72 18.2 13.9 41.7

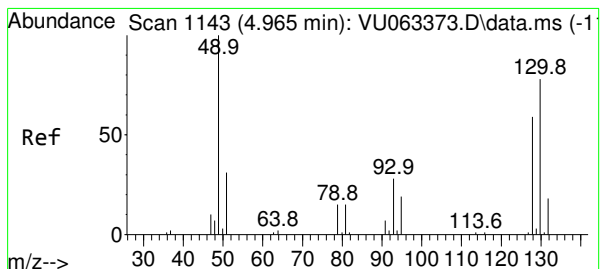
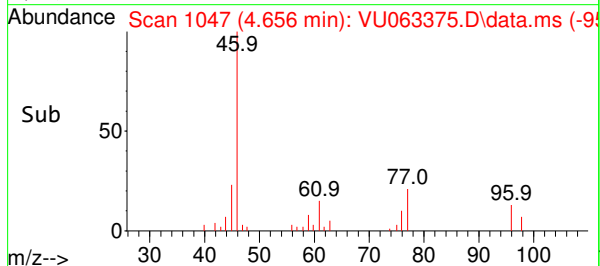
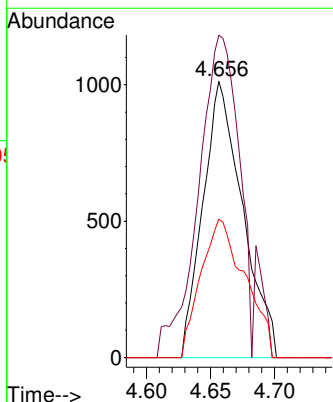
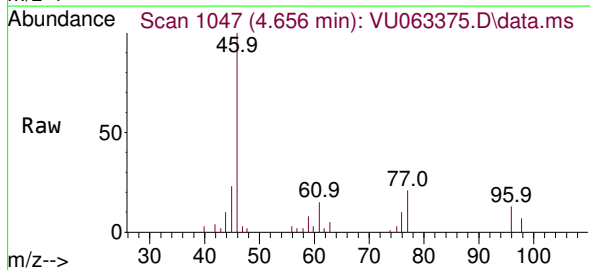




#22
 cis-1,2-Dichloroethene
 Concen: 0.244 ug/L
 RT: 4.656 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU063375.D
 Acq: 10 Jun 2025 11:16

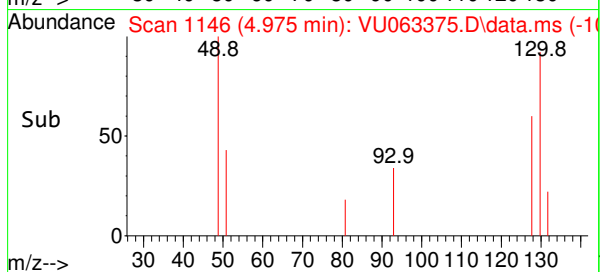
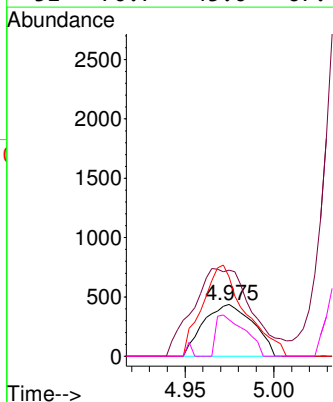
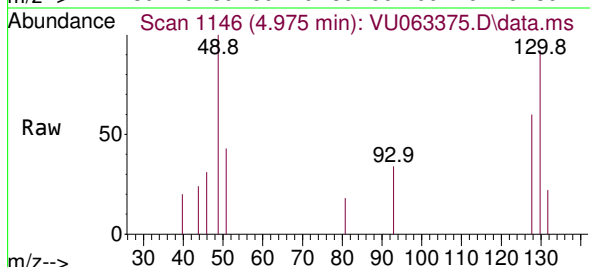
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT2-2025-04

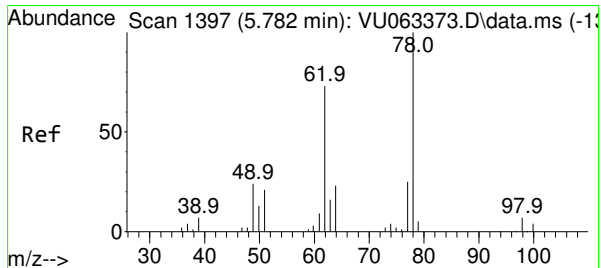
Tgt Ion:	96	Resp:	2180
Ion	Ratio	Lower	Upper
96	100		
61	116.7	91.8	170.6
98	50.1	44.4	82.4



#23
 Bromochloromethane
 Concen: 0.205 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.010 min
 Lab File: VU063375.D
 Acq: 10 Jun 2025 11:16

Tgt Ion:	128	Resp:	848
Ion	Ratio	Lower	Upper
128	100		
49	166.1	121.2	225.2
130	152.9	89.2	165.6
51	70.7	45.0	67.4

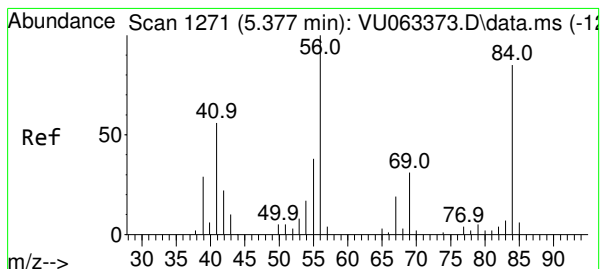
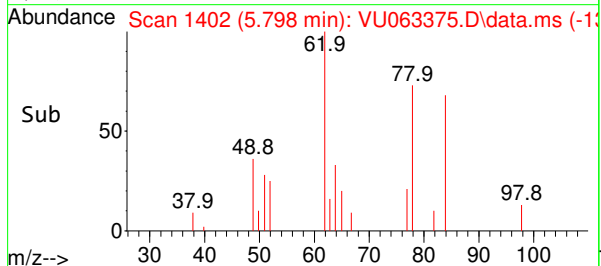
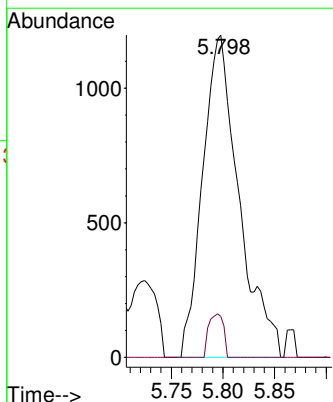
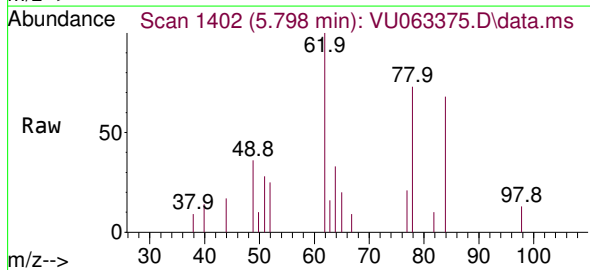




#27
1,2-Dichloroethane
Concen: 0.284 ug/L
RT: 5.798 min Scan# 1
Delta R.T. 0.013 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

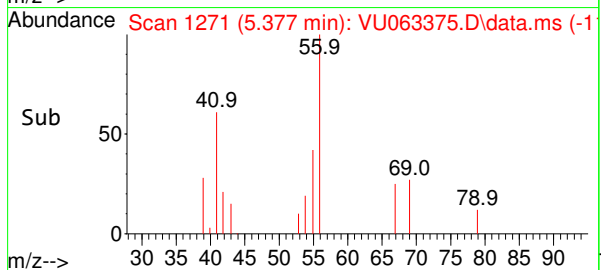
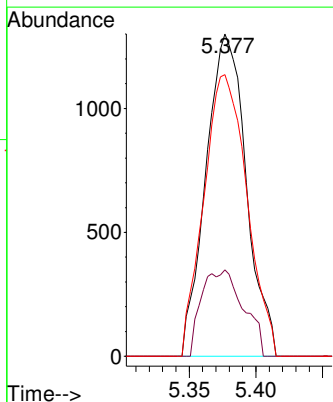
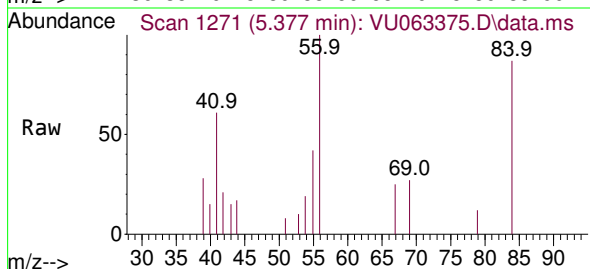
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

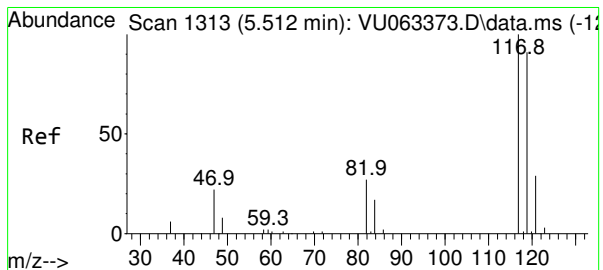
Tgt Ion: 62 Resp: 2926
Ion Ratio Lower Upper
62 100
98 12.7 7.2 10.8#



#30
Cyclohexane
Concen: 0.197 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 56 Resp: 2732
Ion Ratio Lower Upper
56 100
69 27.9 24.6 37.0
84 93.4 67.9 101.9

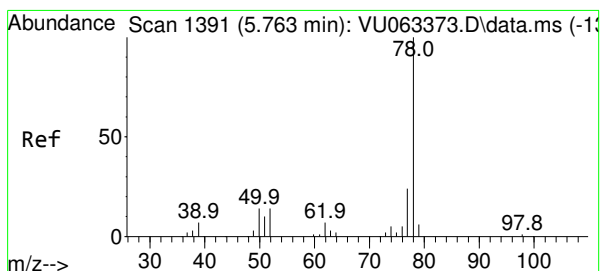
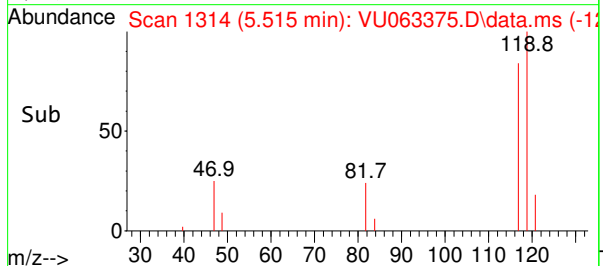
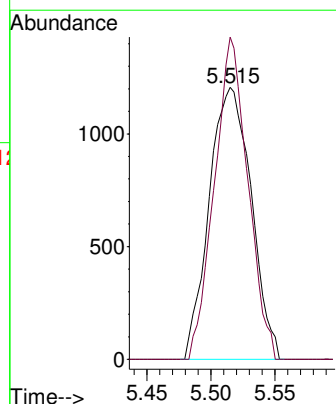
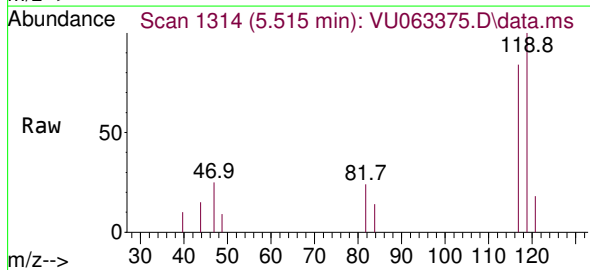




#31
Carbon tetrachloride
Concen: 0.247 ug/L
RT: 5.515 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

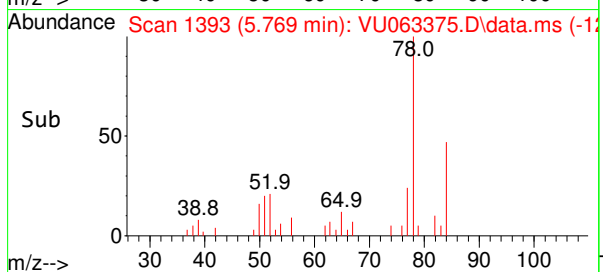
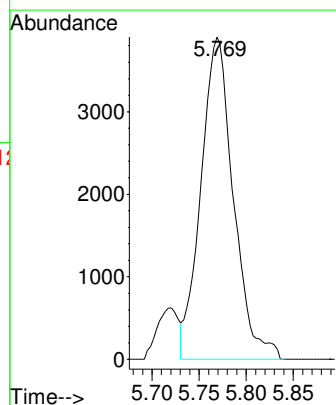
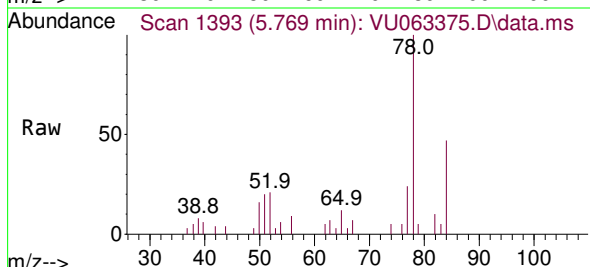
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

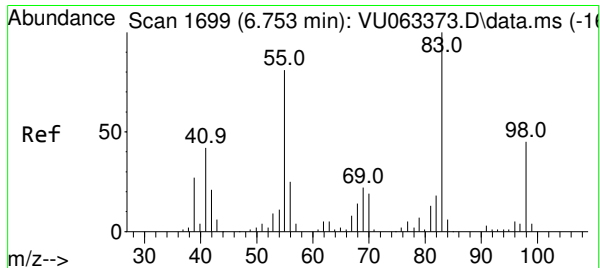
Tgt Ion:117 Resp: 2752
Ion Ratio Lower Upper
117 100
119 94.4 77.0 115.4



#33
Benzene
Concen: 0.253 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 78 Resp: 9367

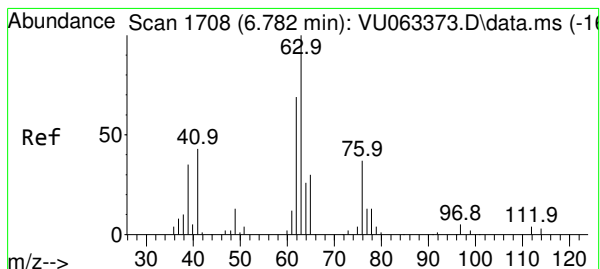
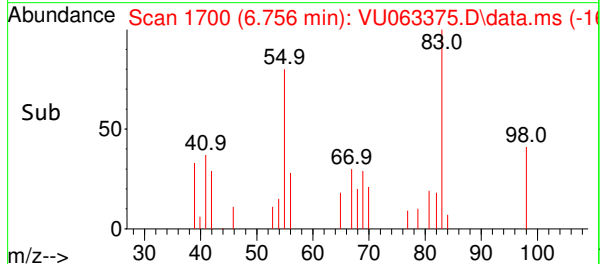
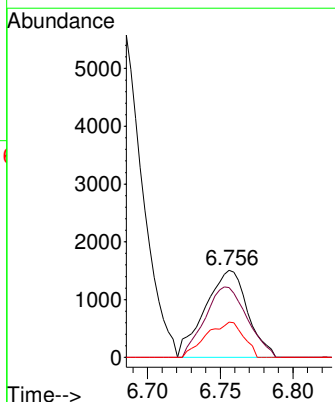
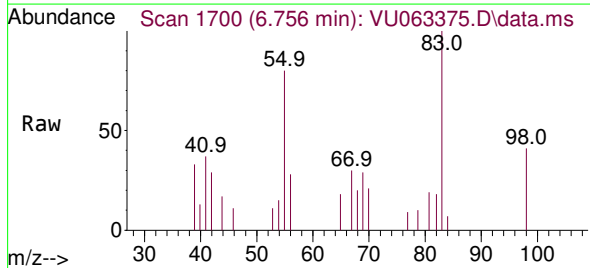




#35
Methylcyclohexane
Concen: 0.224 ug/L
RT: 6.756 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

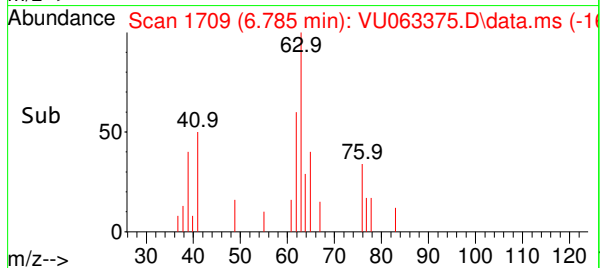
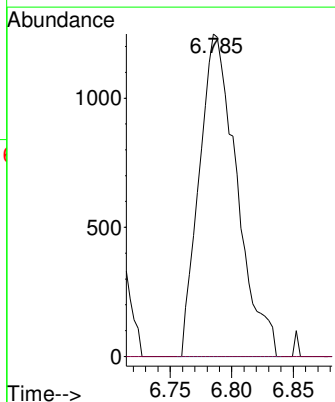
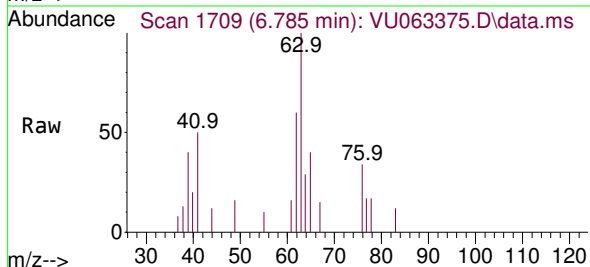
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

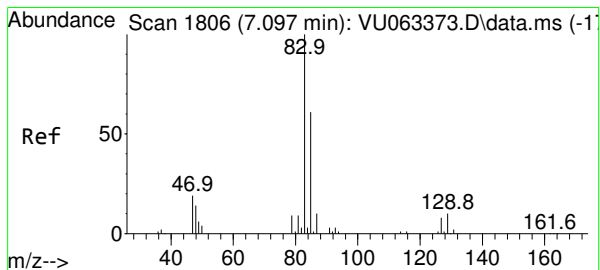
Tgt Ion: 83 Resp: 3073
Ion Ratio Lower Upper
83 100
55 79.8 62.8 94.2
98 35.6 36.0 54.0#



#37
1,2-Dichloropropane
Concen: 0.258 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 63 Resp: 2648
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#





#38

Bromodichloromethane

Concen: 0.245 ug/L

RT: 7.100 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063375.D

Acq: 10 Jun 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2025-04

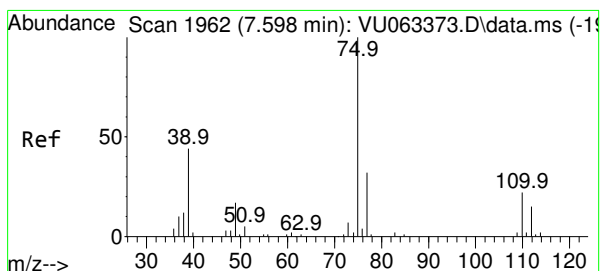
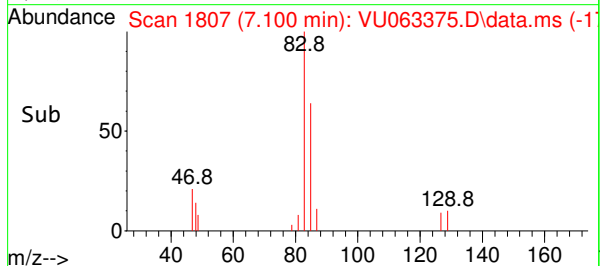
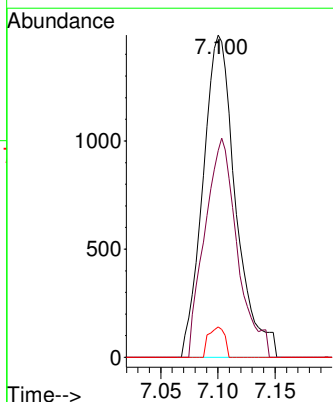
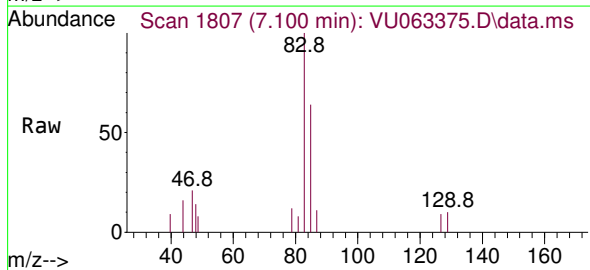
Tgt Ion: 83 Resp: 2973

Ion Ratio Lower Upper

83 100

85 64.1 44.0 81.8

127 9.4 6.3 9.5



#39

cis-1,3-Dichloropropene

Concen: 0.223 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU063375.D

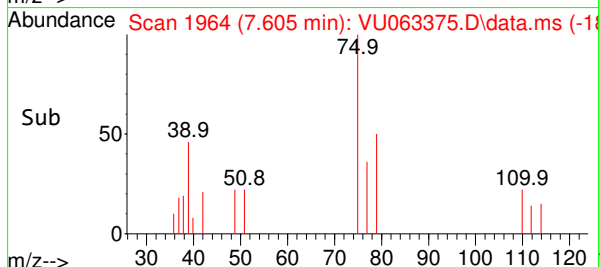
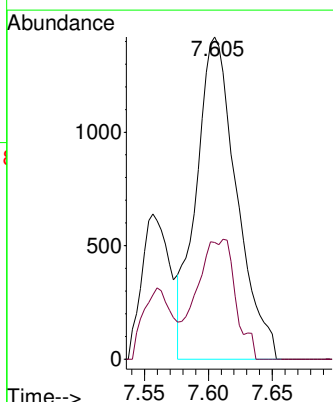
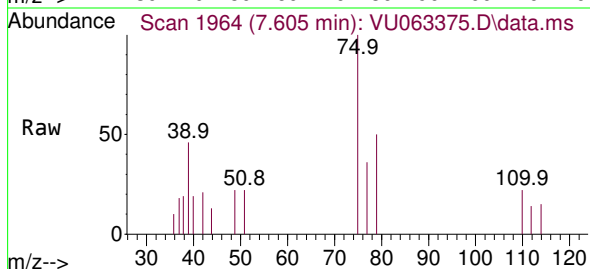
Acq: 10 Jun 2025 11:16

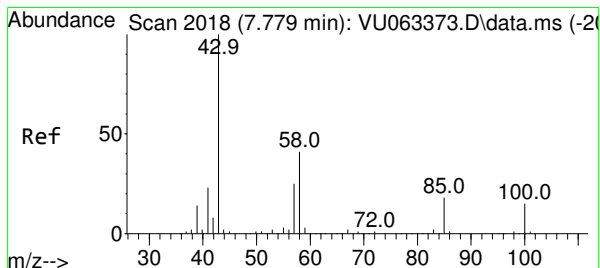
Tgt Ion: 75 Resp: 3113

Ion Ratio Lower Upper

75 100

77 36.3 22.6 42.0





#40

4-Methyl-2-pentanone

Concen: 2.035 ug/L

RT: 7.788 min Scan# 2

Delta R.T. 0.007 min

Lab File: VU063375.D

Acq: 10 Jun 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2025-04

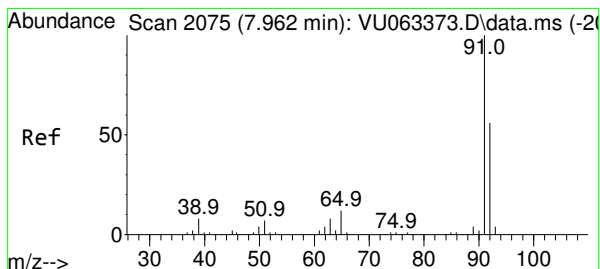
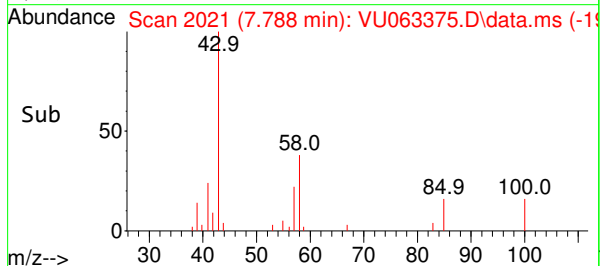
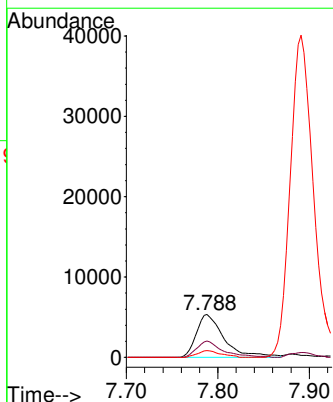
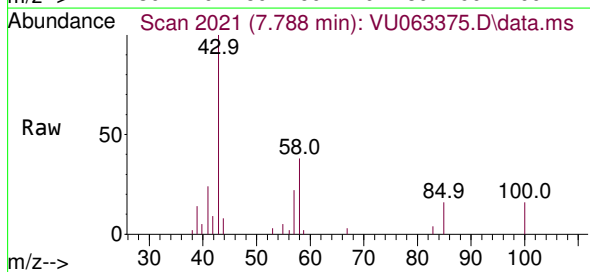
Tgt Ion: 43 Resp: 11247

Ion Ratio Lower Upper

43 100

58 35.0 33.7 50.5

100 0.0 12.1 18.1#



#42

Toluene

Concen: 0.222 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU063375.D

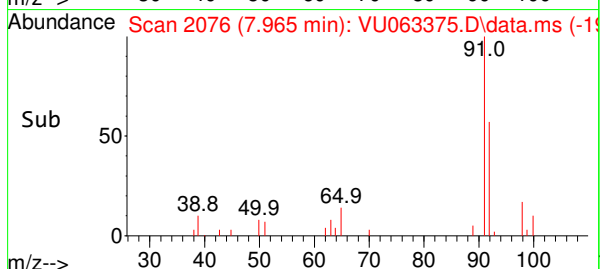
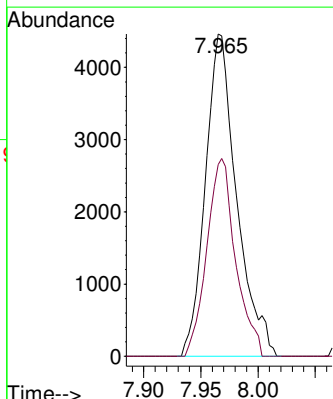
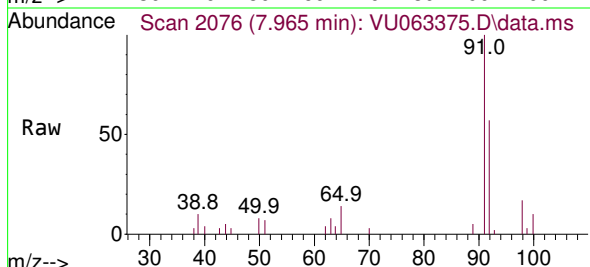
Acq: 10 Jun 2025 11:16

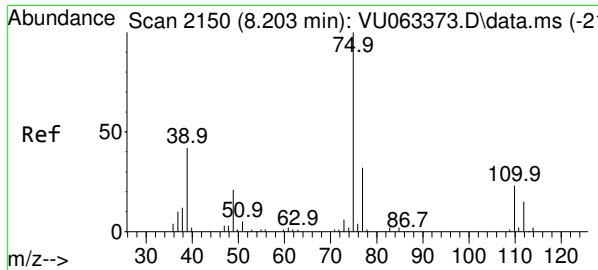
Tgt Ion: 91 Resp: 8513

Ion Ratio Lower Upper

91 100

92 59.5 39.5 73.4

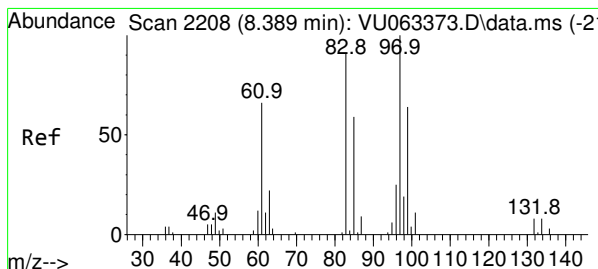
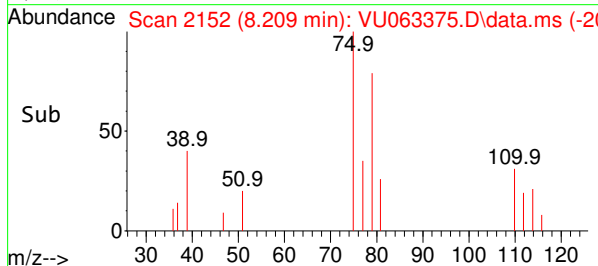
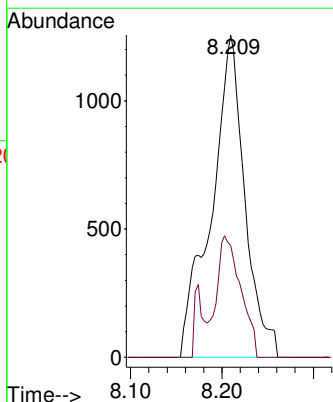
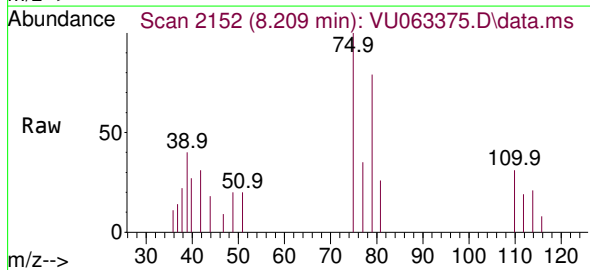




#44
trans-1,3-Dichloropropene
Concen: 0.280 ug/L
RT: 8.209 min Scan# 2150
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

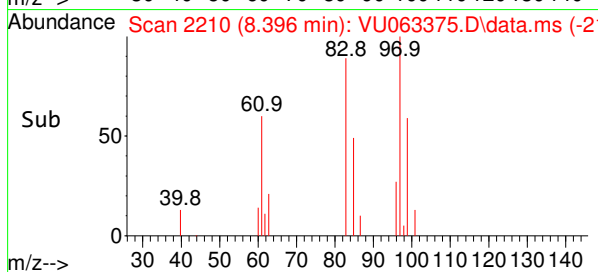
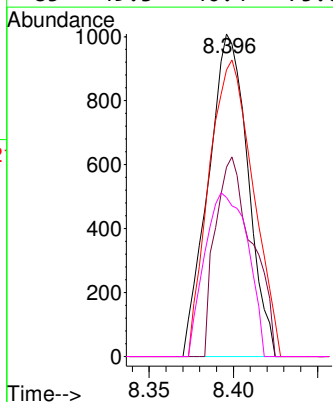
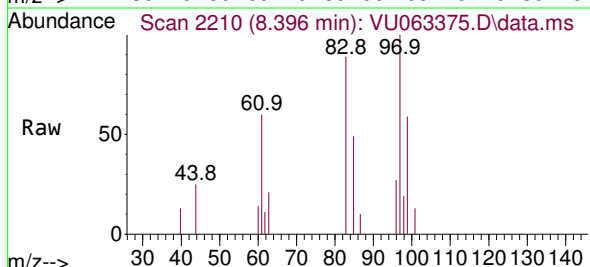
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

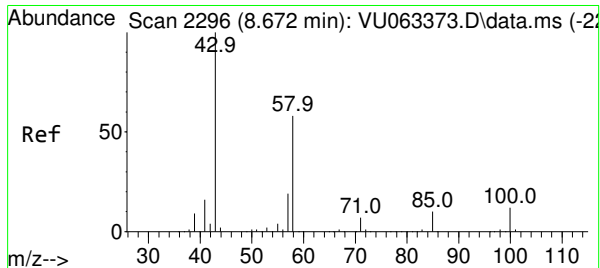
Tgt Ion: 75 Resp: 3179
Ion Ratio Lower Upper
75 100
77 34.6 21.6 40.0



#45
1,1,2-Trichloroethane
Concen: 0.224 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 97 Resp: 1644
Ion Ratio Lower Upper
97 100
99 58.7 42.2 78.4
83 88.8 62.9 116.9
85 49.3 40.4 75.0

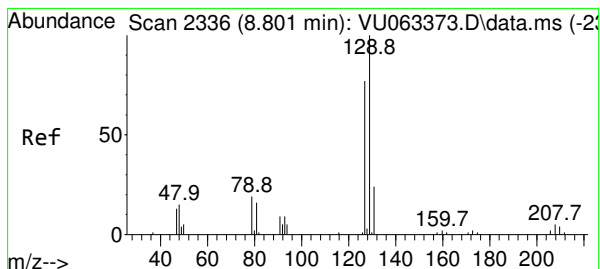
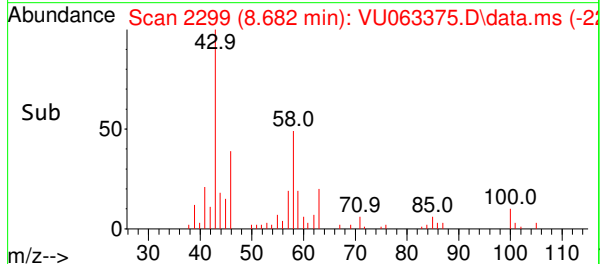
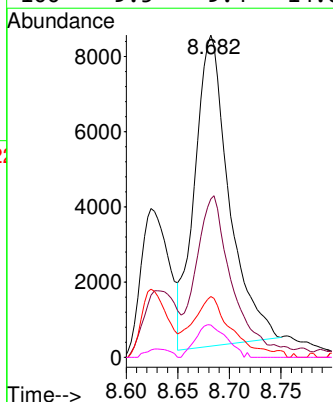
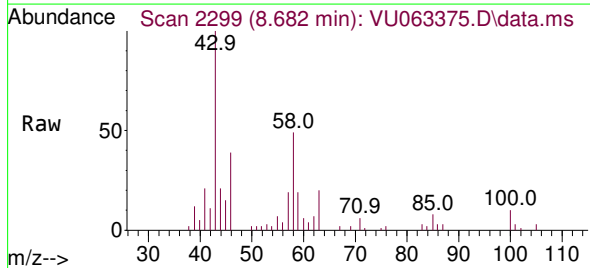




#48
2-Hexanone
Concen: 4.843 ug/L
RT: 8.682 min Scan# 219
Delta R.T. 0.006 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

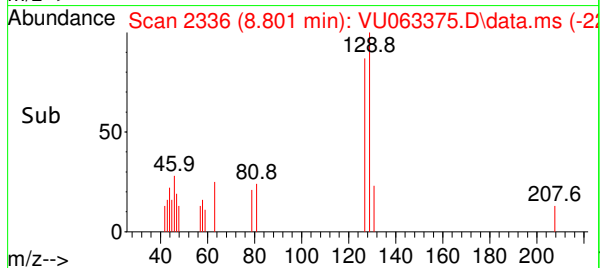
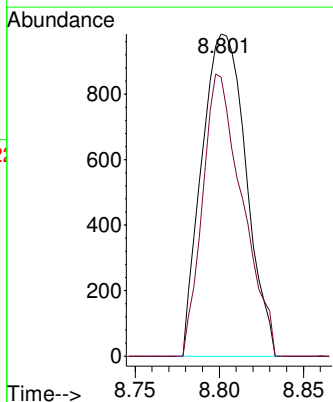
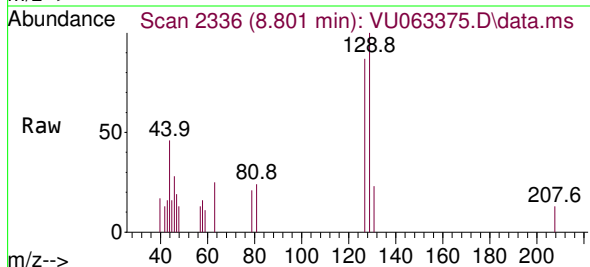
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

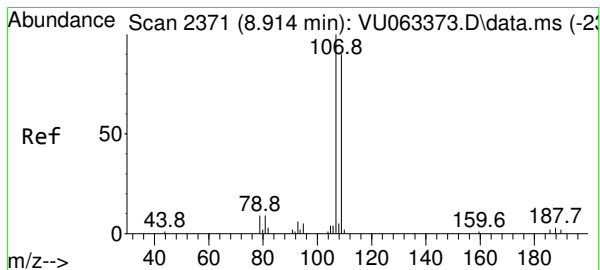
Tgt Ion:	43	Resp:	19184
Ion	Ratio	Lower	Upper
43	100		
58	51.1	45.8	68.8
57	19.1	15.7	23.5
100	9.5	9.4	14.0



#49
Dibromochloromethane
Concen: 0.229 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:	129	Resp:	1802
Ion	Ratio	Lower	Upper
129	100		
127	86.6	53.8	99.8

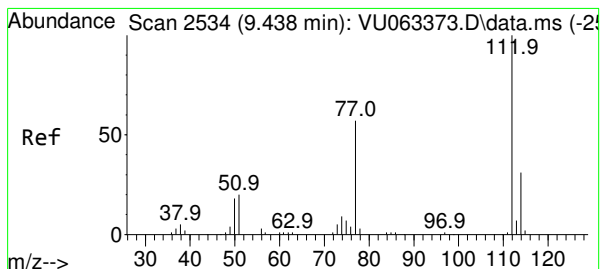
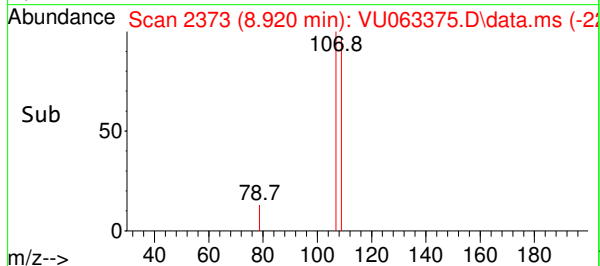
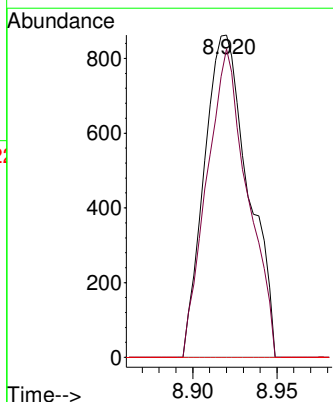
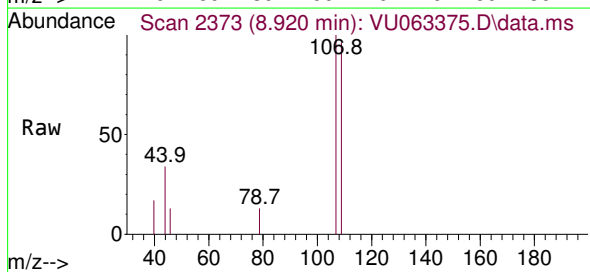




#50
1,2-Dibromoethane
Concen: 0.233 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

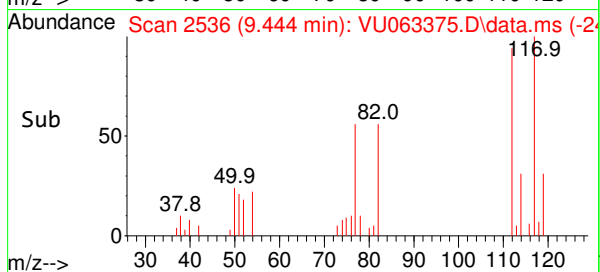
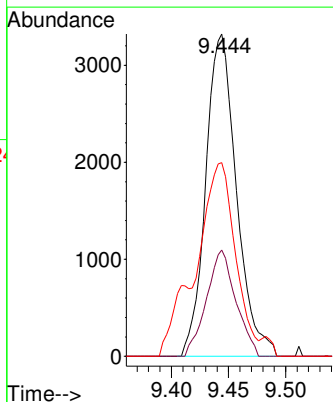
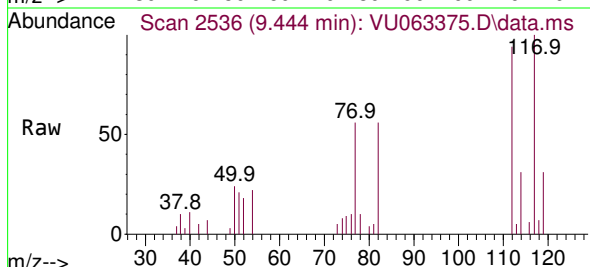
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

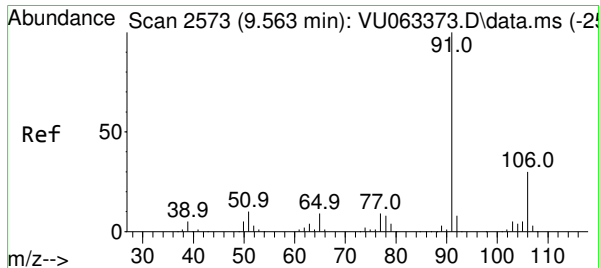
Tgt Ion:107 Resp: 1572
Ion Ratio Lower Upper
107 100
109 95.7 67.6 125.6
188 0.0 2.6 3.8#



#51
Chlorobenzene
Concen: 0.254 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:112 Resp: 6217
Ion Ratio Lower Upper
112 100
114 32.9 22.6 42.0
77 60.0 50.8 76.2

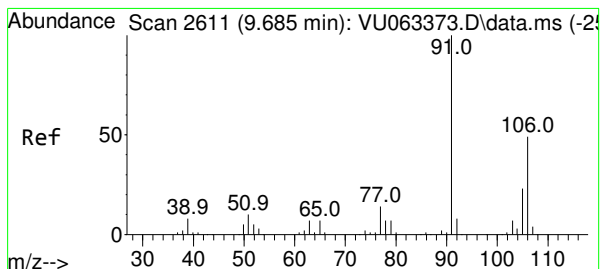
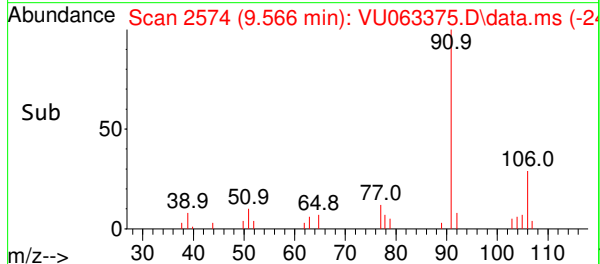
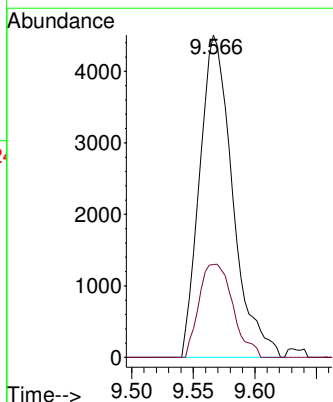
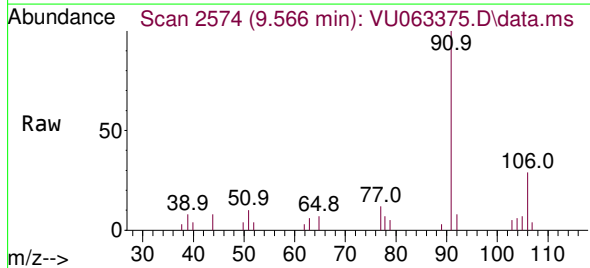




#52
Ethylbenzene
Concen: 0.214 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

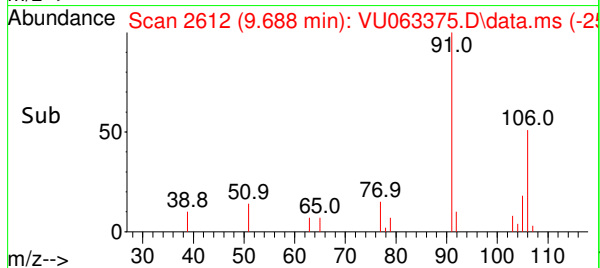
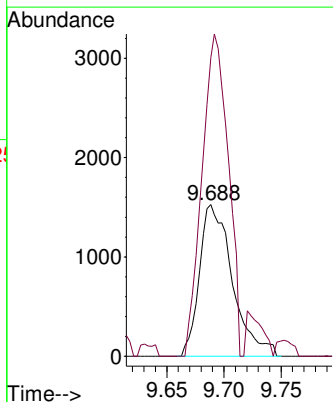
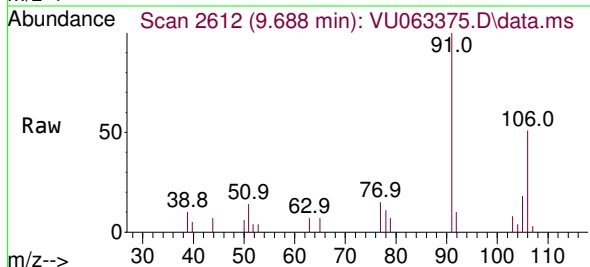
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

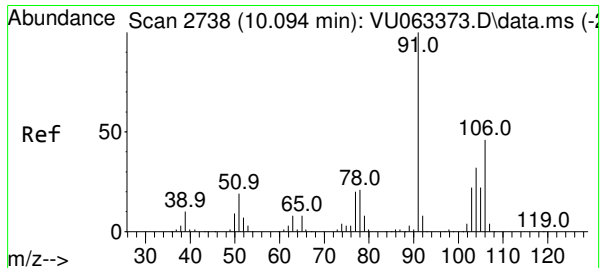
Tgt Ion: 91 Resp: 8385
Ion Ratio Lower Upper
91 100
106 28.8 21.3 39.6



#53
m,p-Xylene
Concen: 0.209 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 106 Resp: 3072
Ion Ratio Lower Upper
106 100
91 196.7 147.3 273.6

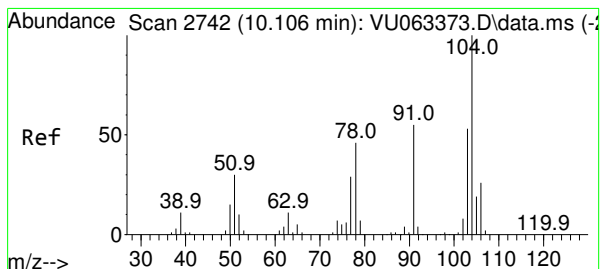
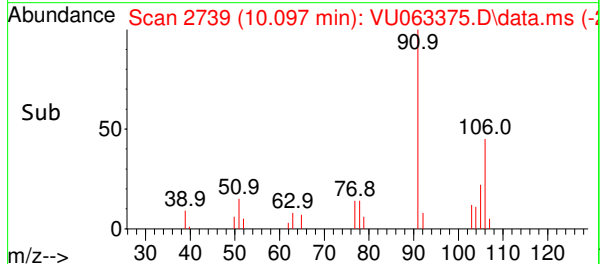
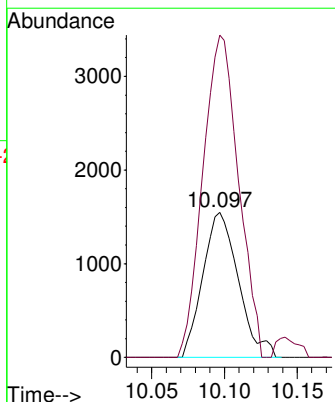
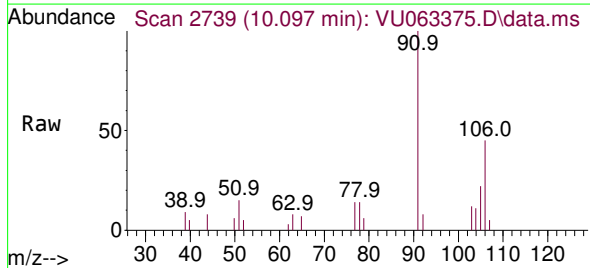




#54
o-Xylene
Concen: 0.188 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

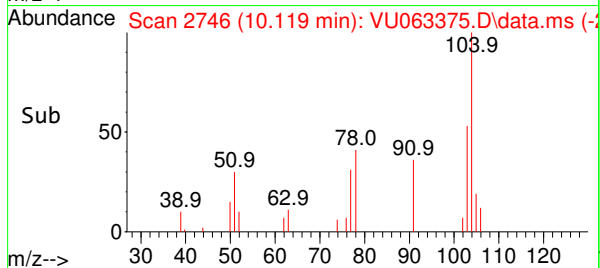
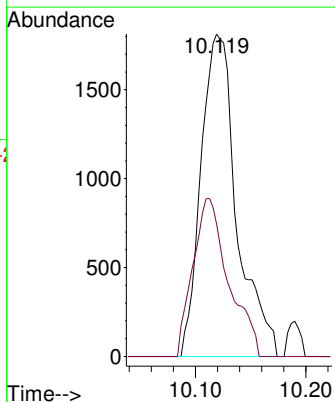
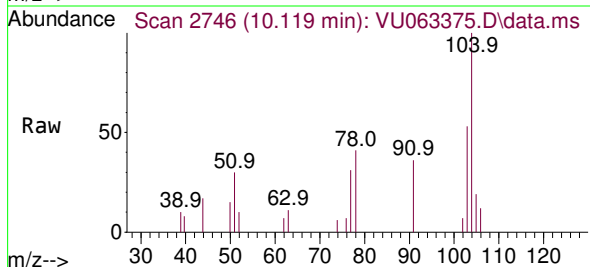
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

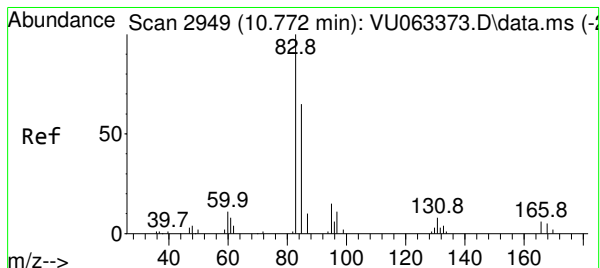
Tgt Ion:106 Resp: 2628
Ion Ratio Lower Upper
106 100
91 222.1 155.4 288.6



#55
Styrene
Concen: 0.171 ug/L
RT: 10.119 min Scan# 2746
Delta R.T. 0.010 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:104 Resp: 4080
Ion Ratio Lower Upper
104 100
78 41.0 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.273 ug/L

RT: 10.775 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU063375.D

Acq: 10 Jun 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2025-04

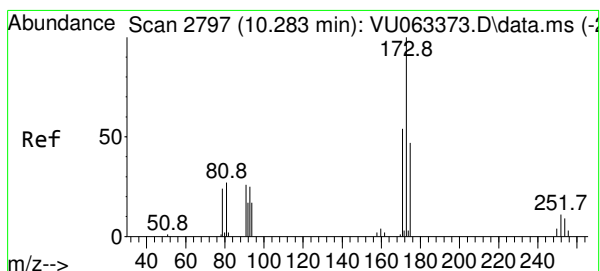
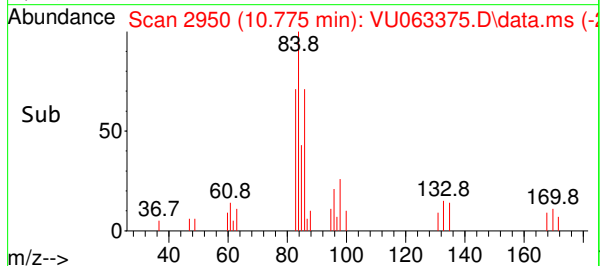
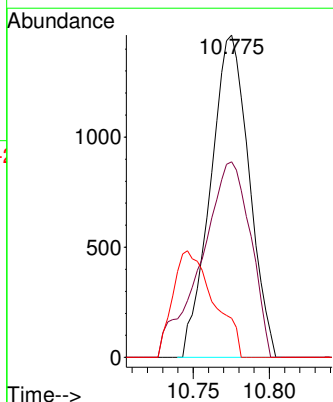
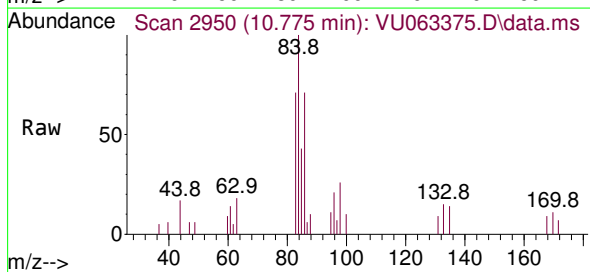
Tgt Ion: 83 Resp: 2566

Ion Ratio Lower Upper

83 100

85 60.7 45.6 84.8

131 12.1 7.4 11.0#



#59

Bromoform

Concen: 0.258 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU063375.D

Acq: 10 Jun 2025 11:16

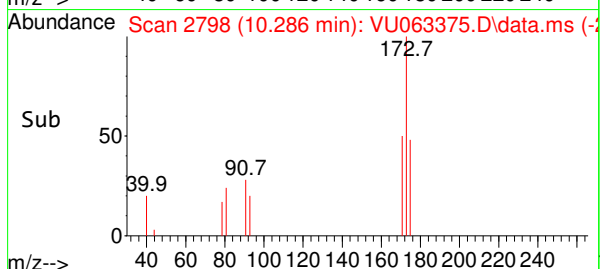
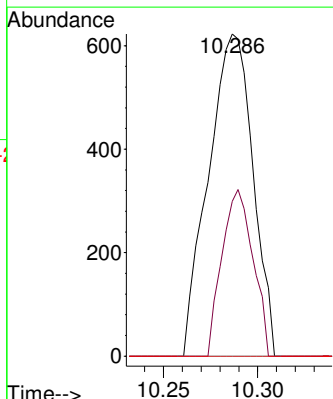
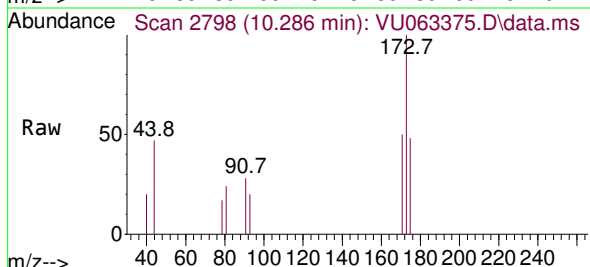
Tgt Ion:173 Resp: 1022

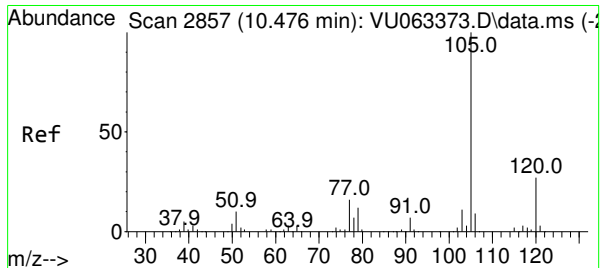
Ion Ratio Lower Upper

173 100

175 36.2 37.7 56.5#

254 0.0 7.9 11.9#

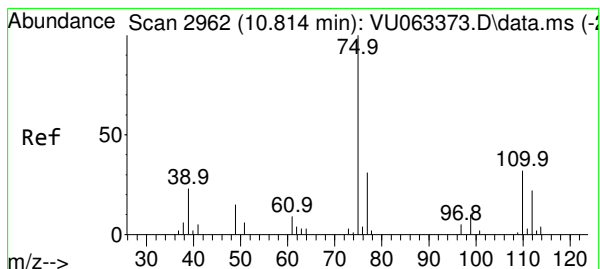
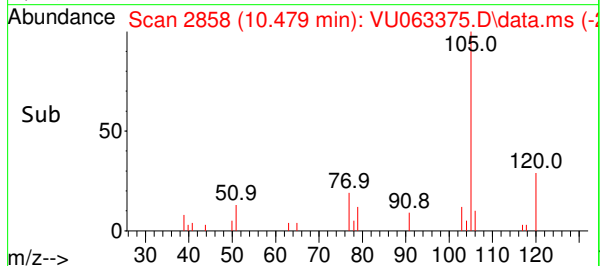
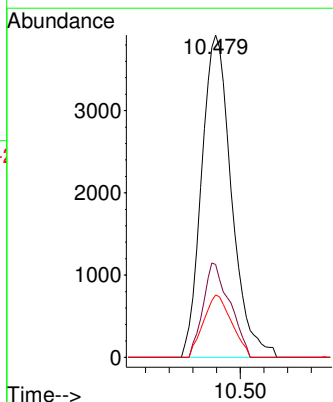
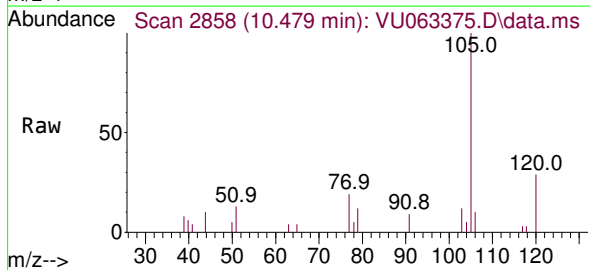




#60
Isopropylbenzene
Concen: 0.217 ug/L
RT: 10.479 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

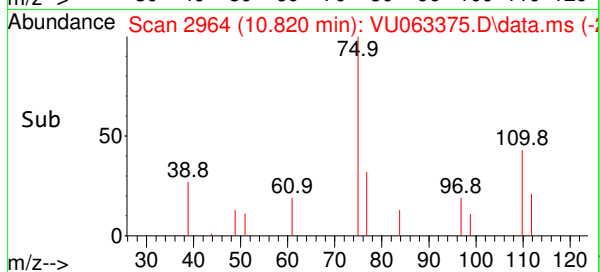
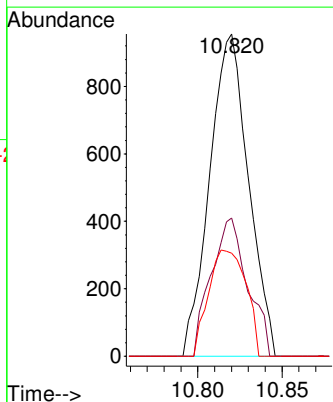
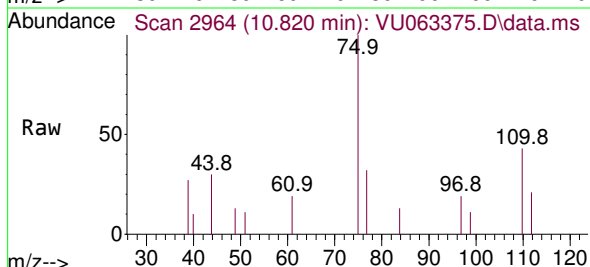
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

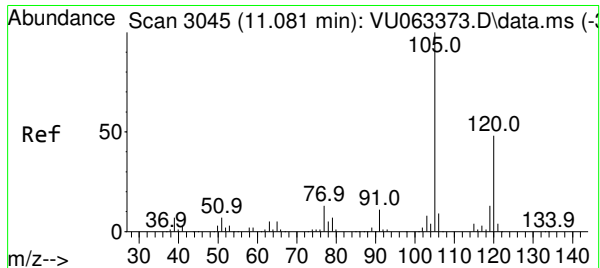
Tgt Ion:	105	Resp:	6861
Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.8	31.2
77	18.1	13.3	19.9



#61
1,2,3-Trichloropropane
Concen: 0.283 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:	75	Resp:	1532
Ion	Ratio	Lower	Upper
75	100		
110	40.4	27.4	41.0
77	31.9	26.3	39.5

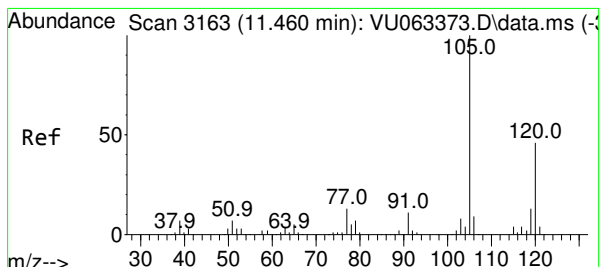
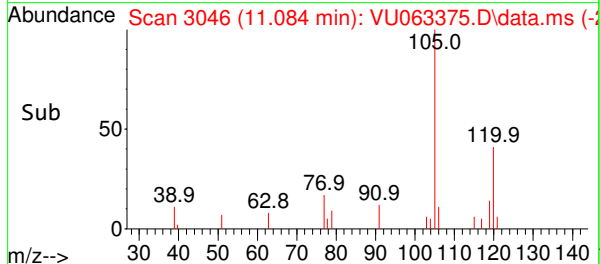
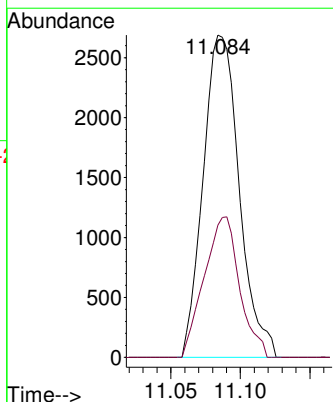
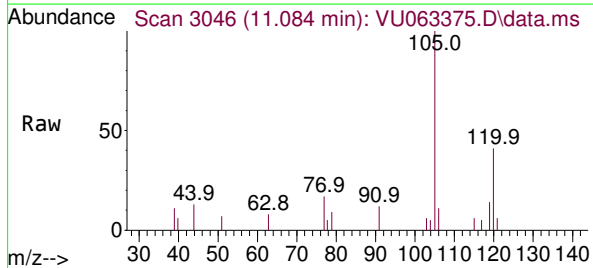




#62
1,3,5-Trimethylbenzene
Concen: 0.198 ug/L
RT: 11.084 min Scan# 313
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

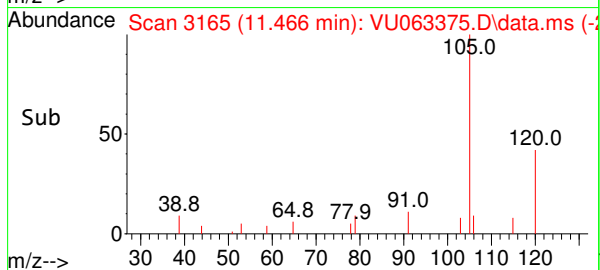
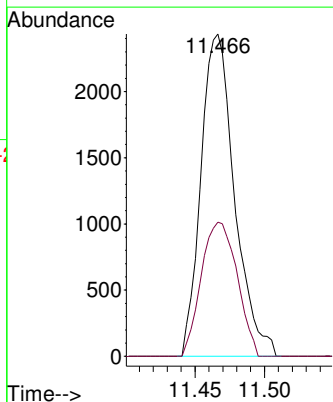
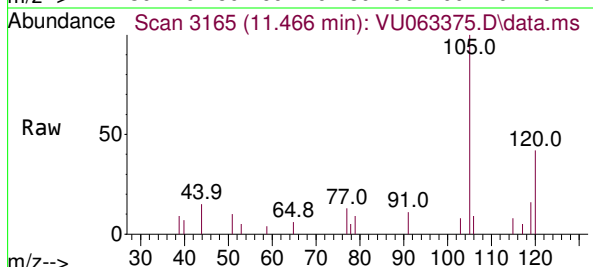
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

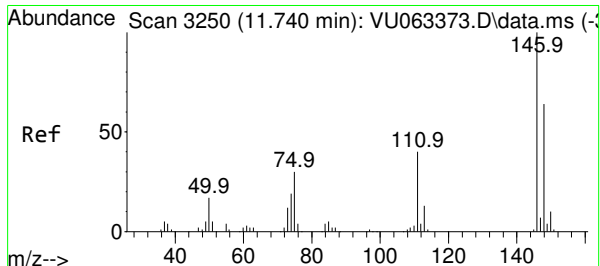
Tgt Ion:105 Resp: 4837
Ion Ratio Lower Upper
105 100
120 42.8 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 0.174 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:105 Resp: 4081
Ion Ratio Lower Upper
105 100
120 44.4 34.7 52.1

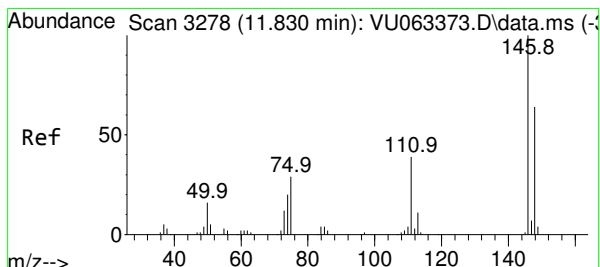
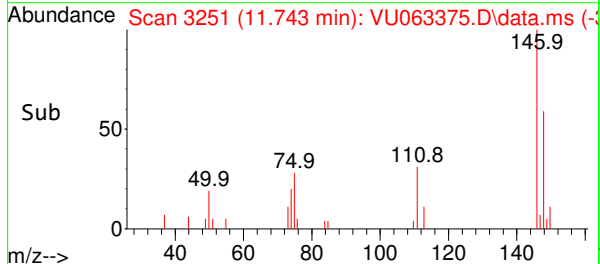
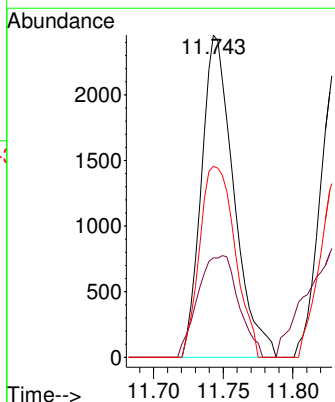
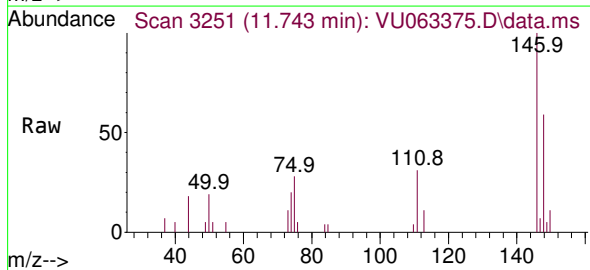




#64
1,3-Dichlorobenzene
Concen: 0.252 ug/L
RT: 11.743 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

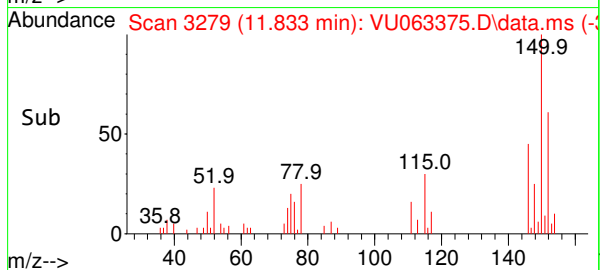
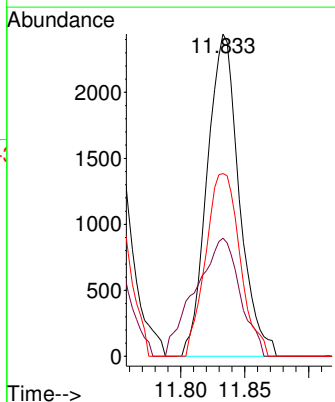
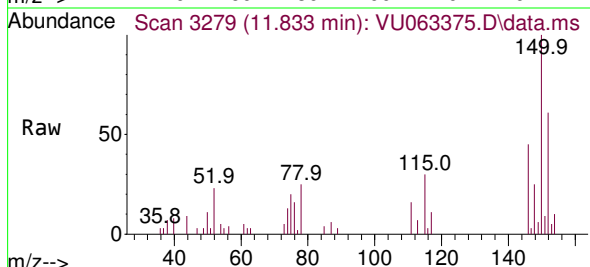
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

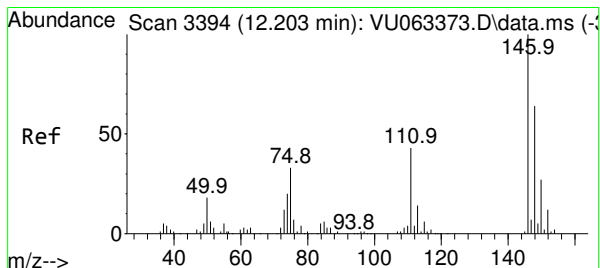
Tgt Ion:	146	Resp:	3956
Ion	Ratio	Lower	Upper
146	100		
111	30.9	27.9	51.7
148	59.3	44.6	82.8



#65
1,4-Dichlorobenzene
Concen: 0.269 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:	146	Resp:	4242
Ion	Ratio	Lower	Upper
146	100		
111	36.7	28.5	52.9
148	56.7	45.4	84.2

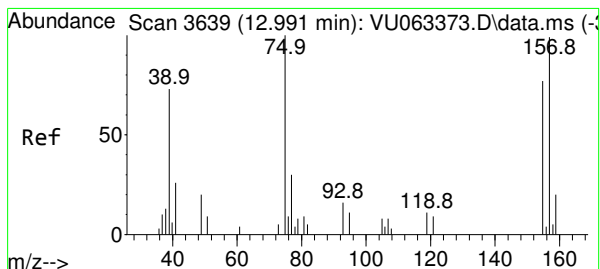
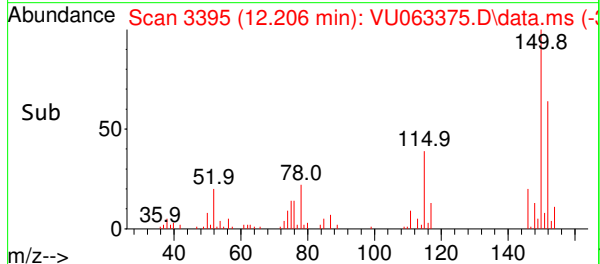
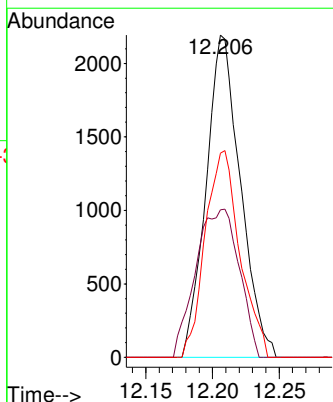
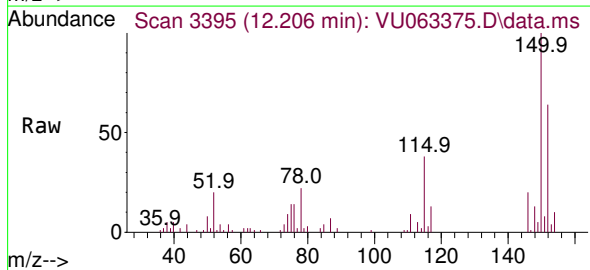




#67
 1,2-Dichlorobenzene
 Concen: 0.266 ug/L
 RT: 12.206 min Scan# 3394
 Delta R.T. 0.000 min
 Lab File: VU063375.D
 Acq: 10 Jun 2025 11:16

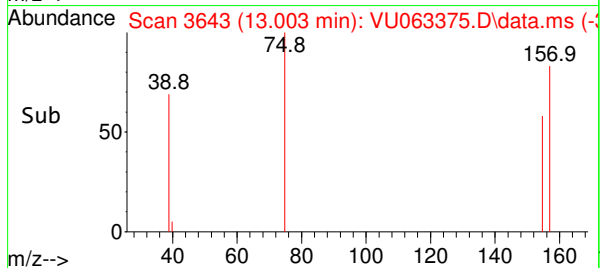
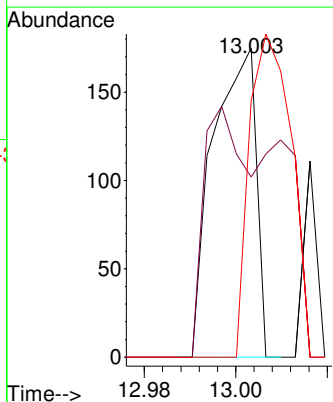
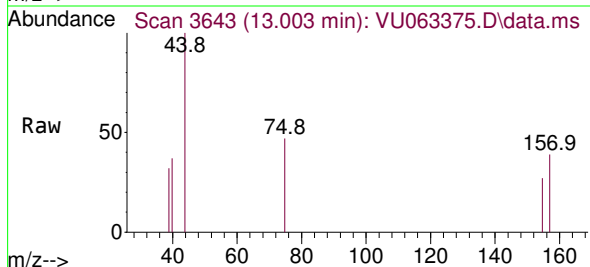
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT2-2025-04

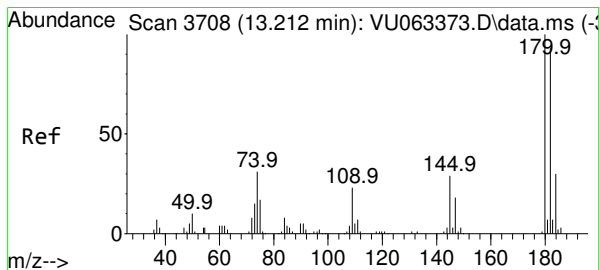
Tgt Ion:	146	Resp:	3924
Ion	Ratio	Lower	Upper
146	100		
111	45.8	34.1	51.1
148	63.3	52.5	78.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.110 ug/L
 RT: 13.003 min Scan# 3643
 Delta R.T. 0.013 min
 Lab File: VU063375.D
 Acq: 10 Jun 2025 11:16

Tgt Ion:	75	Resp:	114
Ion	Ratio	Lower	Upper
75	100		
155	58.3	61.6	92.4#
157	82.9	77.4	116.0

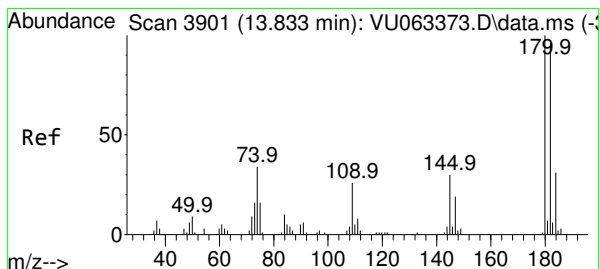
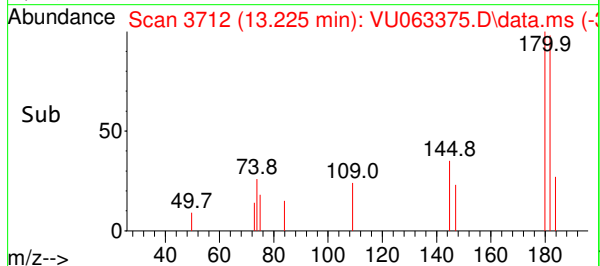
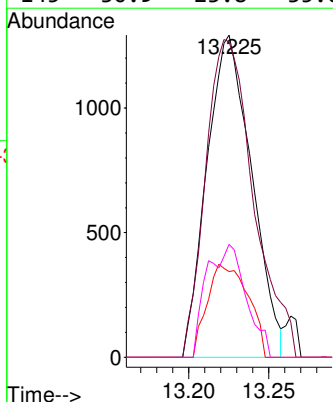
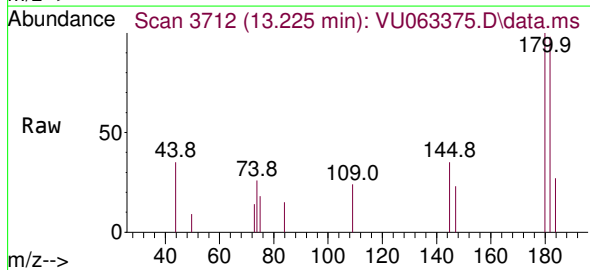




#69
1,3,5-Trichlorobenzene
Concen: 0.241 ug/L
RT: 13.225 min Scan# 3
Delta R.T. 0.013 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

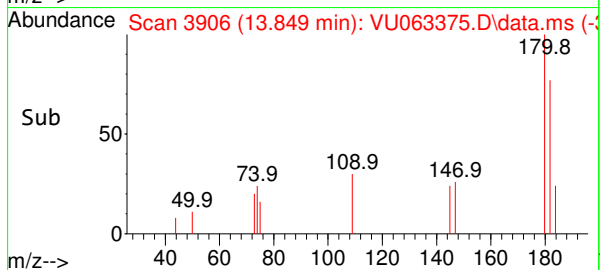
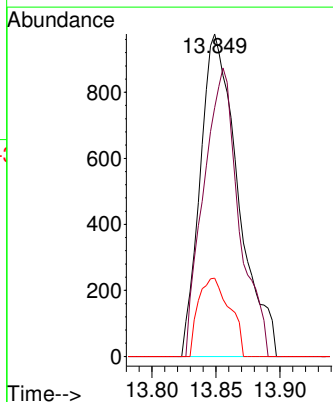
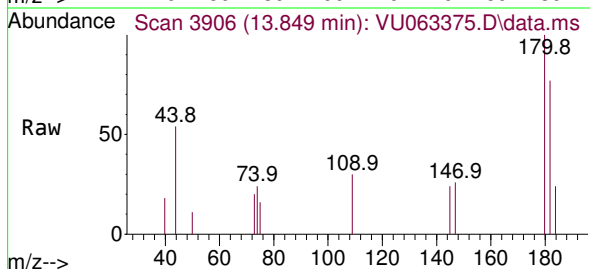
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

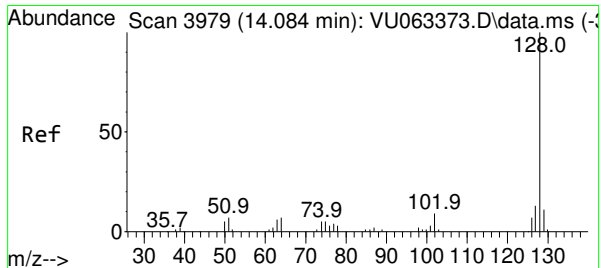
Tgt Ion:	180	Resp:	2515
Ion	Ratio	Lower	Upper
180	100		
182	105.4	76.7	115.1
184	26.3	23.8	35.8
145	30.9	23.8	35.6



#70
1,2,4-trichlorobenzene
Concen: 0.244 ug/L
RT: 13.849 min Scan# 3906
Delta R.T. 0.013 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:	180	Resp:	2013
Ion	Ratio	Lower	Upper
180	100		
182	83.3	76.1	114.1
145	20.0	24.3	36.5#

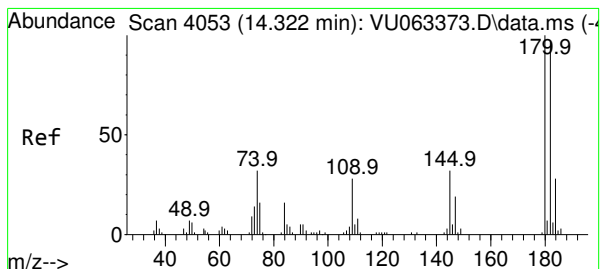
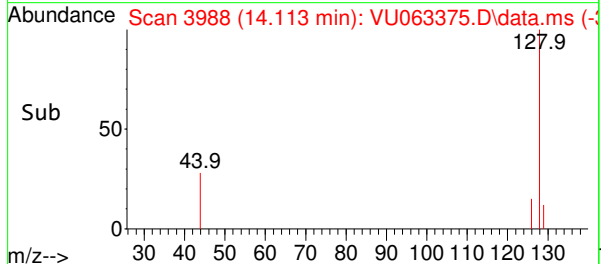
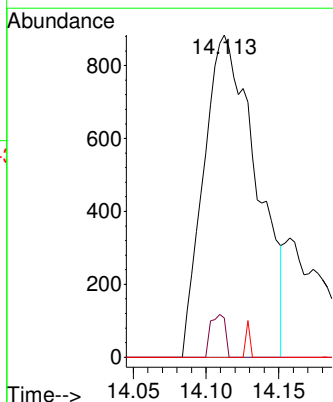
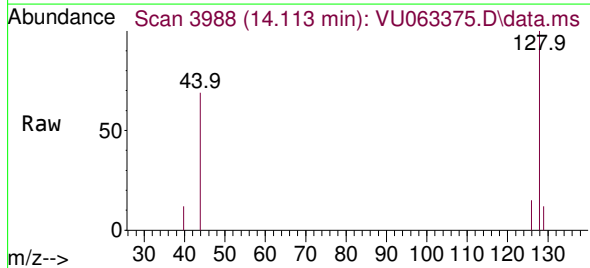




#71
Naphthalene
Concen: 0.189 ug/L
RT: 14.113 min Scan# 3988
Delta R.T. 0.029 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

Tgt Ion:	128	Resp:	2228
Ion	Ratio	Lower	Upper
128	100		
129	3.7	8.0	12.0#
127	0.9	10.6	15.8#



#72
1,2,3-Trichlorobenzene
Concen: 0.216 ug/L
RT: 14.335 min Scan# 4057
Delta R.T. 0.010 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:	180	Resp:	1617
Ion	Ratio	Lower	Upper
180	100		
182	104.3	78.5	117.7
145	30.2	26.1	39.1

