

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060925\
 Data File : VU063370.D
 Acq On : 09 Jun 2025 16:47
 Operator : MD/SY
 Sample : Q2117-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2025-03

Quant Time: Jun 10 12:16:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 10 12:13:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	97857	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	98371	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	43676	4.549	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.904	69	36588	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.554	65	16163	4.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.612	46	92225	45.109	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.220%
24) Chloroform-d	5.052	84	75097	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.692	65	38872	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.714	84	146633	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.679	67	50172	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.891	98	116063	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.174	79	15984	4.648	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.624	63	58535	38.753	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.500%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39394	4.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	39584	5.328	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2550	0.279	ug/L	96
3) Chloromethane	1.518	50	3551	0.309	ug/L	95
5) Vinyl chloride	1.599	62	3738	0.300	ug/L	92
6) Bromomethane	1.846	94	2114	0.312	ug/L	97
8) Chloroethane	1.924	64	2223	0.292	ug/L	100
9) Trichlorofluoromethane	2.129	101	4207	0.298	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	2772	0.343	ug/L	89
12) 1,1-Dichloroethene	2.567	96	2750	0.364	ug/L #	1
14) Carbon disulfide	2.782	76	8179	0.310	ug/L	96
15) Methyl Acetate	2.956	43	864	0.224	ug/L #	70
16) Methylene chloride	3.033	84	5241	0.542	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	4609	0.240	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	2320	0.274	ug/L	91
19) 1,1-Dichloroethane	3.862	63	4789	0.283	ug/L #	92
22) cis-1,2-Dichloroethene	4.657	96	2835	0.300	ug/L	94
23) Bromochloromethane	4.968	128	1063	0.243	ug/L	87
25) Chloroform	5.075	83	5104	0.301	ug/L	95
27) 1,2-Dichloroethane	5.795	62	2844	0.261	ug/L #	93
29) 1,1,1-Trichloroethane	5.306	97	3882	0.288	ug/L	93

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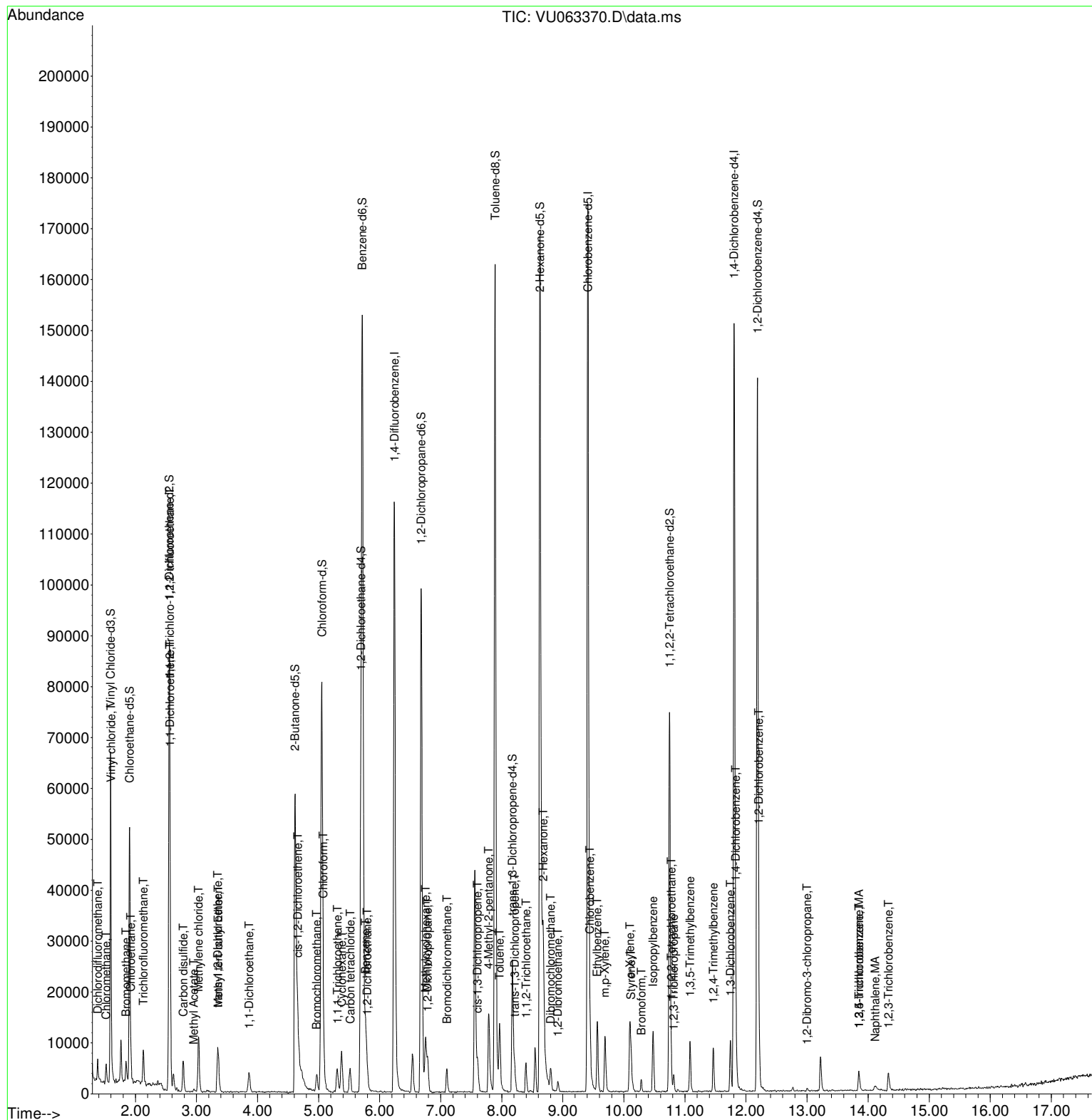
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.377	56	3469	0.248	ug/L	89
31) Carbon tetrachloride	5.515	117	3110	0.277	ug/L	97
33) Benzene	5.769	78	12108	0.324	ug/L	100
35) Methylcyclohexane	6.753	83	3564	0.258	ug/L	100
37) 1,2-Dichloropropane	6.782	63	2809	0.271	ug/L #	95
38) Bromodichloromethane	7.100	83	3480	0.284	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	3668	0.261	ug/L	88
40) 4-Methyl-2-pentanone	7.785	43	11828	2.119	ug/L #	90
42) Toluene	7.965	91	10239	0.265	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	3551	0.309	ug/L	94
45) 1,1,2-Trichloroethane	8.396	97	2022	0.273	ug/L	92
48) 2-Hexanone	8.679	43	17180	4.295	ug/L #	98
49) Dibromochloromethane	8.801	129	2134	0.269	ug/L	98
50) 1,2-Dibromoethane	8.917	107	1726	0.253	ug/L #	91
51) Chlorobenzene	9.441	112	7059	0.286	ug/L	95
52) Ethylbenzene	9.563	91	10671	0.269	ug/L	96
53) m,p-Xylene	9.685	106	3645	0.246	ug/L	68
54) o-Xylene	10.097	106	3263	0.231	ug/L	91
55) Styrene	10.116	104	4982	0.207	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	2735	0.288	ug/L	94
59) Bromoform	10.283	173	1195	0.302	ug/L #	88
60) Isopropylbenzene	10.476	105	8640	0.274	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	1547	0.287	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	5824	0.239	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	5394	0.231	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	4801	0.307	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	4736	0.302	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	4534	0.309	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	342	0.333	ug/L #	56
69) 1,3,5-Trichlorobenzene	13.849	180	1860	0.179	ug/L	89
70) 1,2,4-trichlorobenzene	13.849	180	1860	0.227	ug/L	87
71) Naphthalene	14.113	128	2261	0.193	ug/L #	72
72) 1,2,3-Trichlorobenzene	14.331	180	1718	0.230	ug/L	88

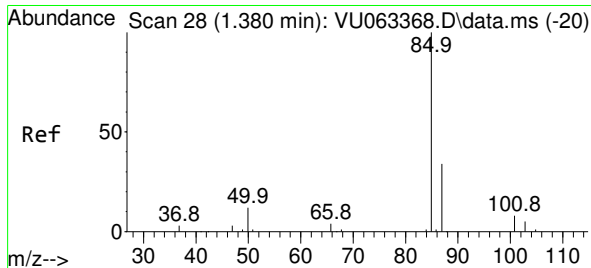
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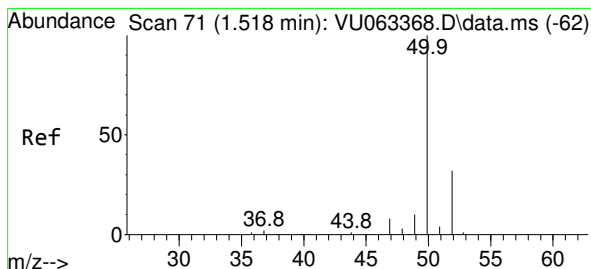
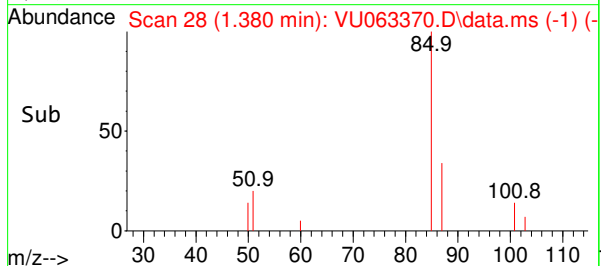
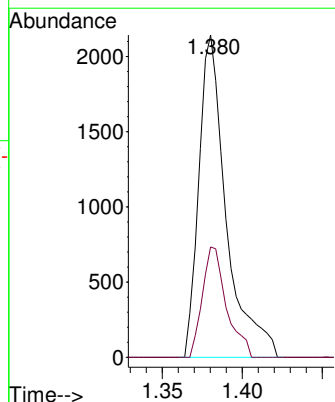
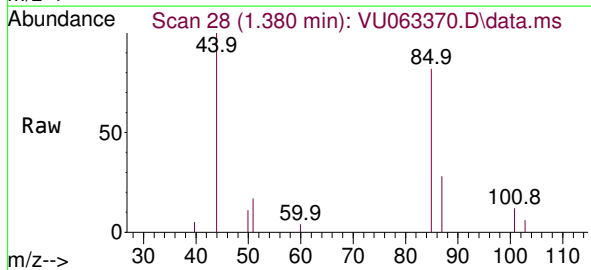




#2
Dichlorodifluoromethane
Concen: 0.279 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

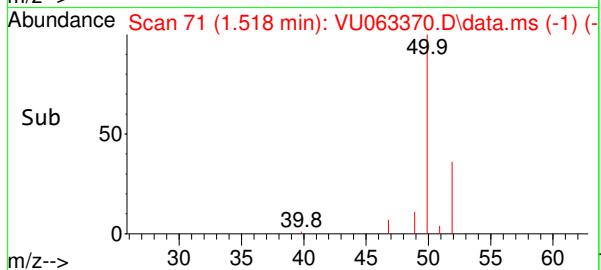
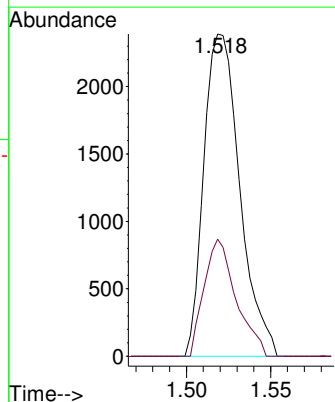
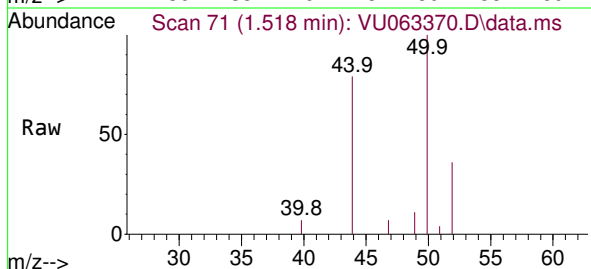
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-03

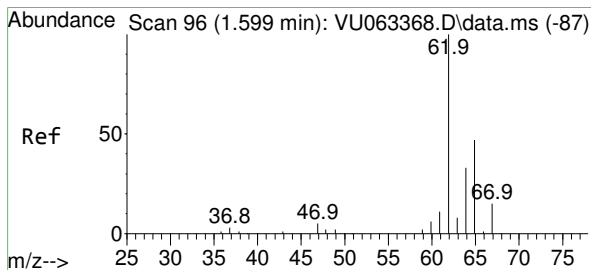
Tgt Ion: 85 Resp: 2550
Ion Ratio Lower Upper
85 100
87 30.3 25.9 38.9



#3
Chloromethane
Concen: 0.309 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion: 50 Resp: 3551
Ion Ratio Lower Upper
50 100
52 36.3 23.4 43.6





#5

Vinyl chloride

Concen: 0.300 ug/L

RT: 1.599 min Scan# 9

Delta R.T. 0.000 min

Lab File: VU063370.D

Acq: 09 Jun 2025 16:47

Instrument :

MSVOA_U

ClientSampleId :

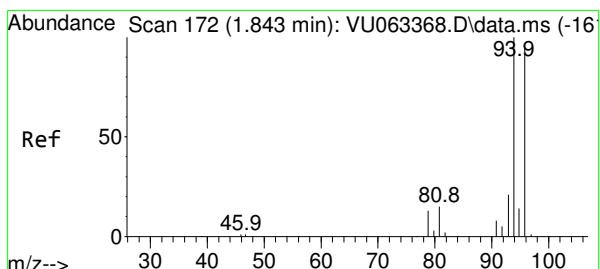
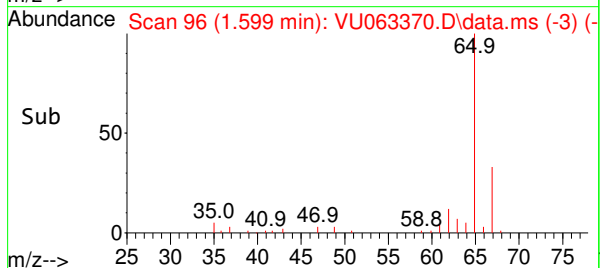
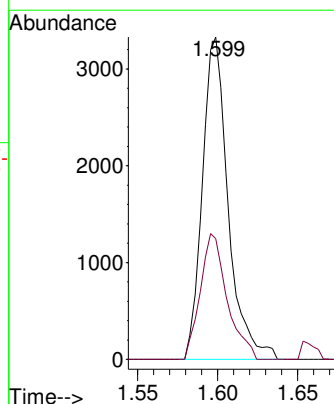
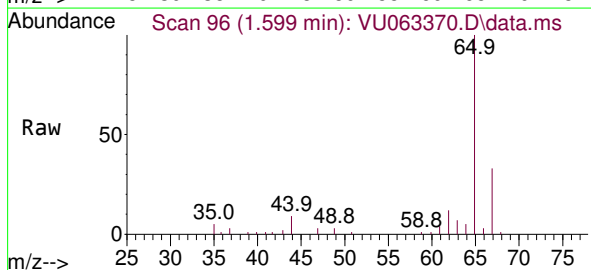
MDL-WATER-QT2-2025-03

Tgt Ion: 62 Resp: 3738

Ion Ratio Lower Upper

62 100

64 37.4 23.2 43.0



#6

Bromomethane

Concen: 0.312 ug/L

RT: 1.846 min Scan# 173

Delta R.T. 0.003 min

Lab File: VU063370.D

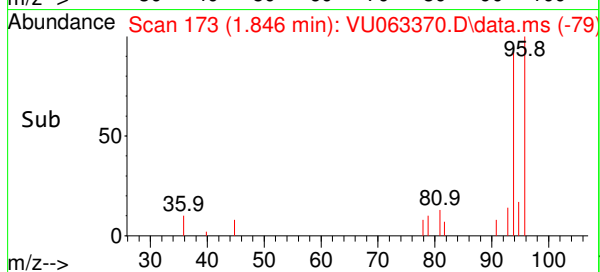
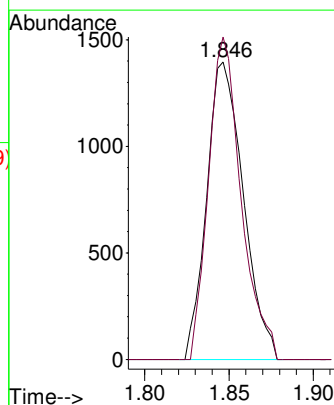
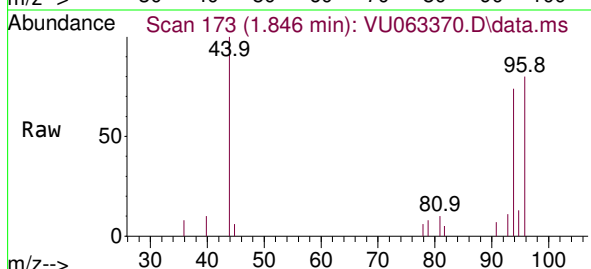
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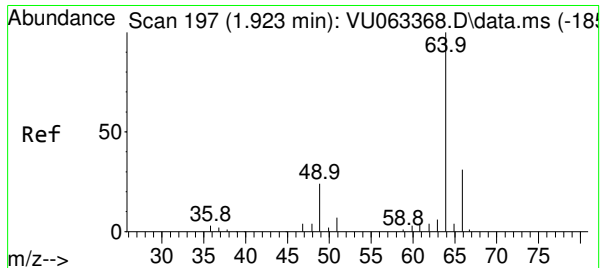
Tgt Ion: 94 Resp: 2114

Ion Ratio Lower Upper

94 100

96 91.8 66.3 123.1

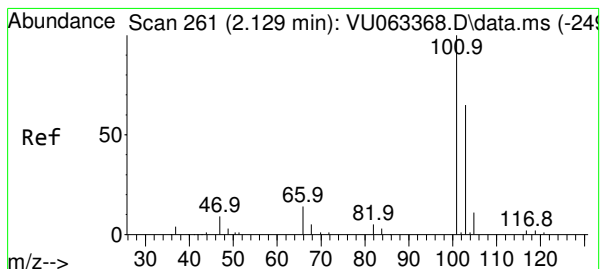
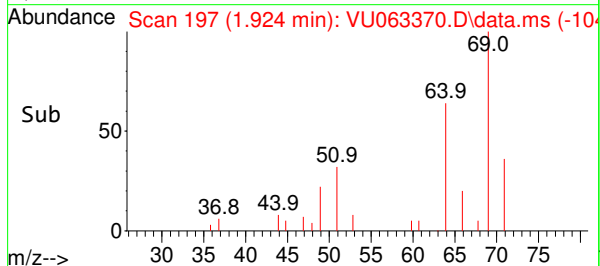
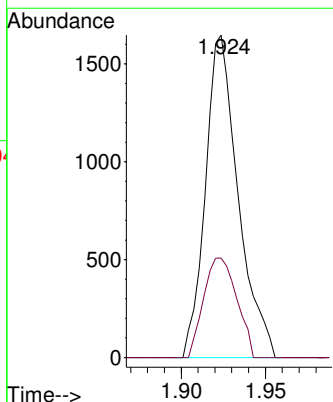
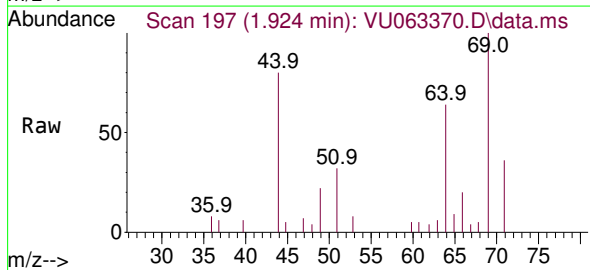




#8
Chloroethane
Concen: 0.292 ug/L
RT: 1.924 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

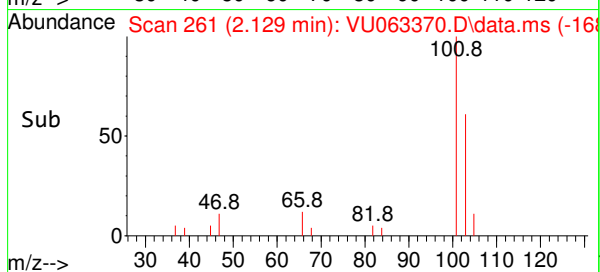
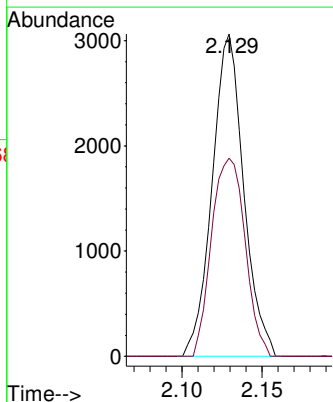
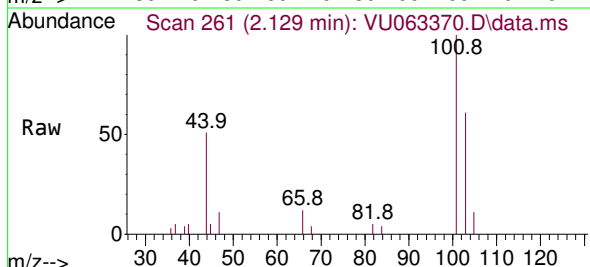
Instrument :
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ClientSampleId :
MDL-WATER-QT2-2025-03

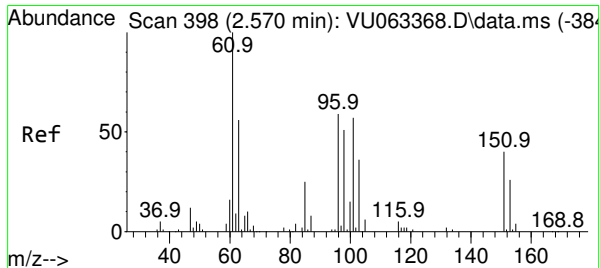
Tgt Ion: 64 Resp: 2223
Ion Ratio Lower Upper
64 100
66 30.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 0.298 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion:101 Resp: 4207
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8

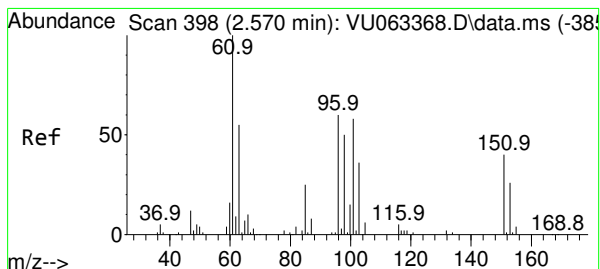
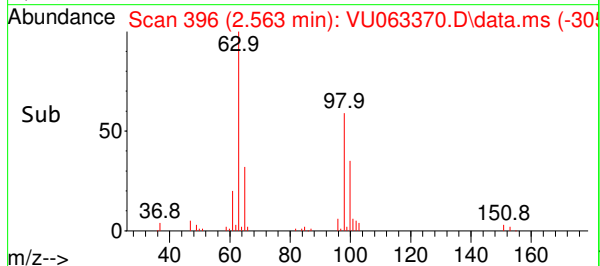
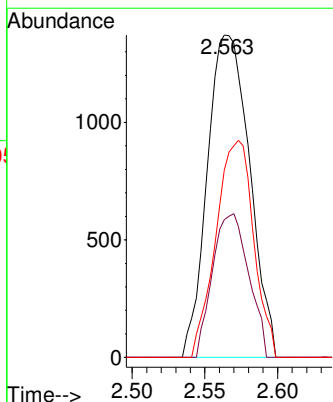
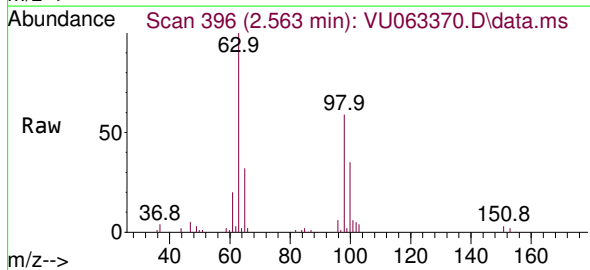




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.343 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.006 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

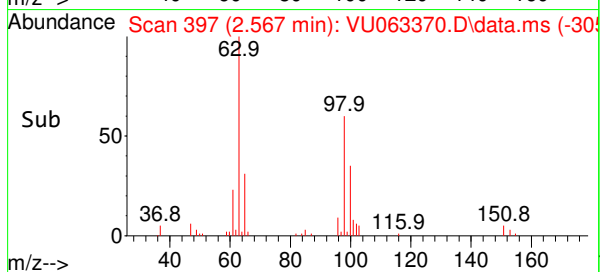
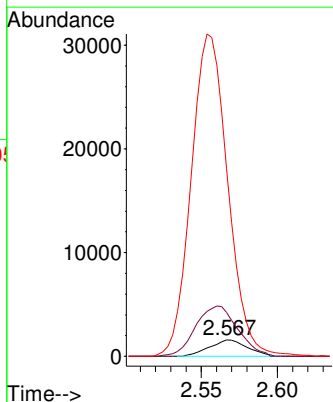
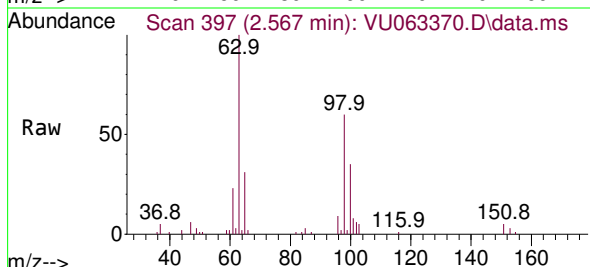
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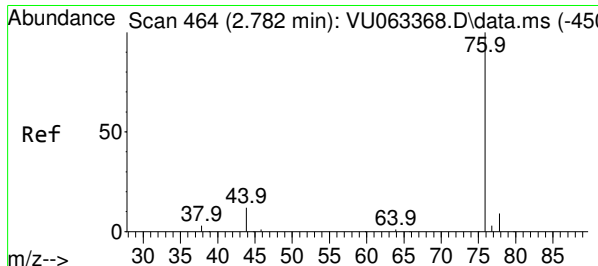
Tgt Ion: 101 Resp: 2772
Ion Ratio Lower Upper
101 100
85 38.1 35.0 52.4
151 60.0 56.3 84.5



#12
1,1-Dichloroethene
Concen: 0.364 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion: 96 Resp: 2750
Ion Ratio Lower Upper
96 100
61 269.7 121.9 226.3#
63 1150.5 80.3 149.1#

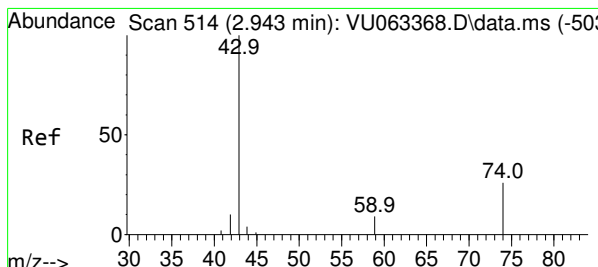
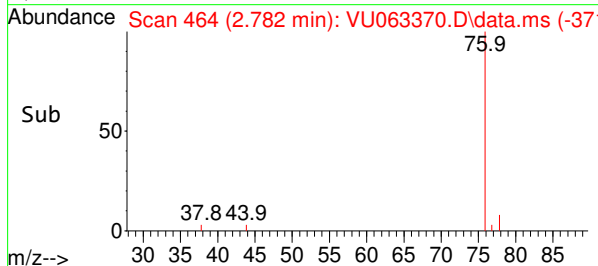
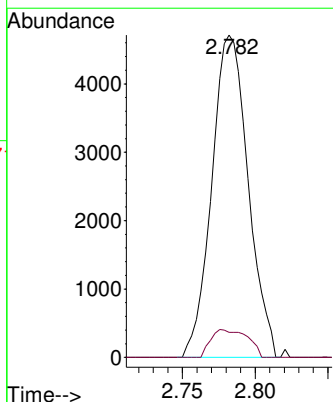
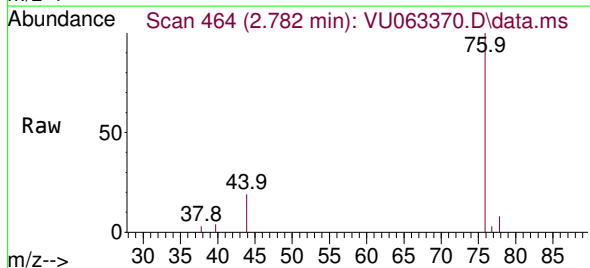




#14
Carbon disulfide
Concen: 0.310 ug/L
RT: 2.782 min Scan# 4
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

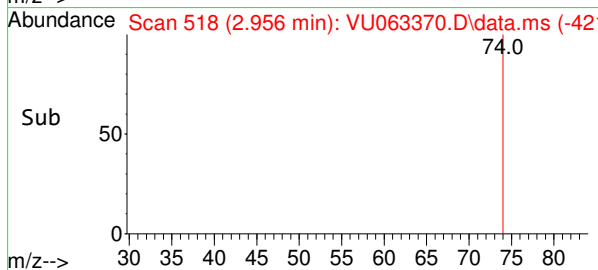
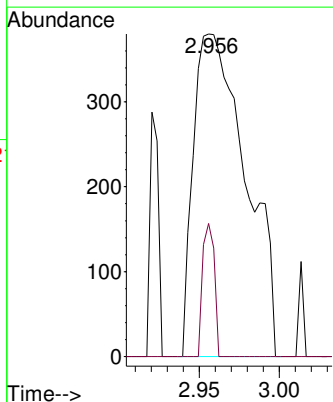
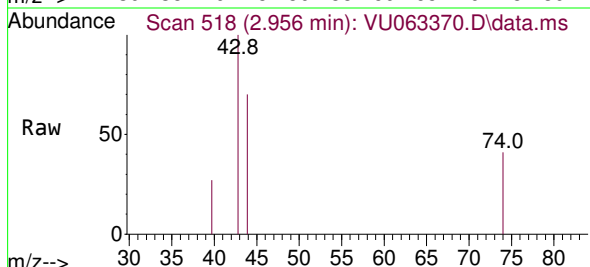
Instrument :
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ClientSampleId :
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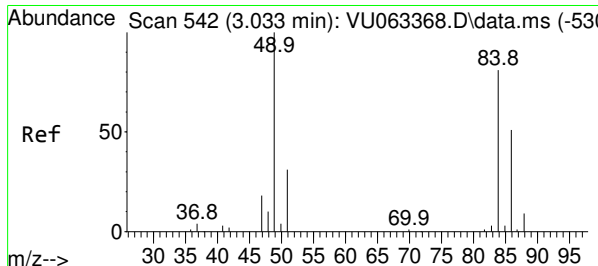
Tgt Ion: 76 Resp: 8179
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3



#15
Methyl Acetate
Concen: 0.224 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.013 min
Lab File: VU063370.D
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Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
74 9.3 19.5 29.3#

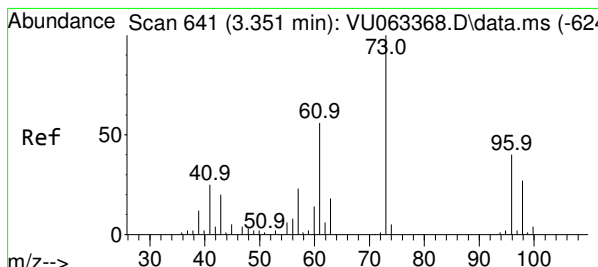
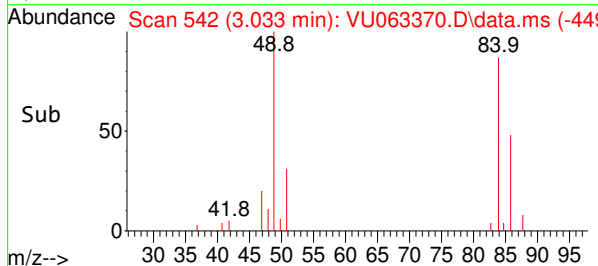
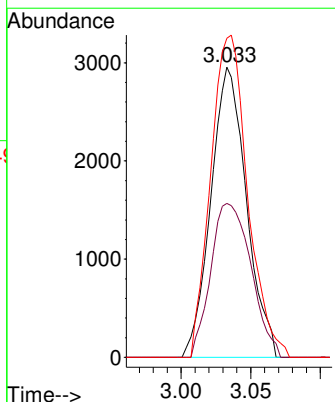
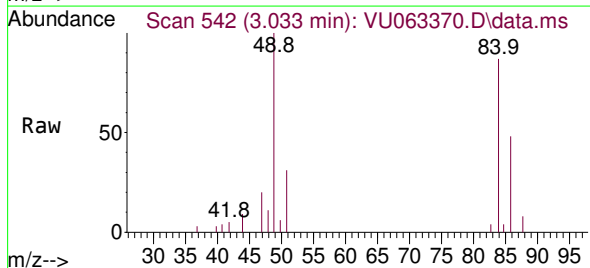




#16
Methylene chloride
Concen: 0.542 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

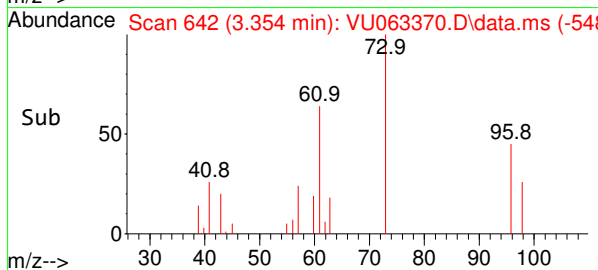
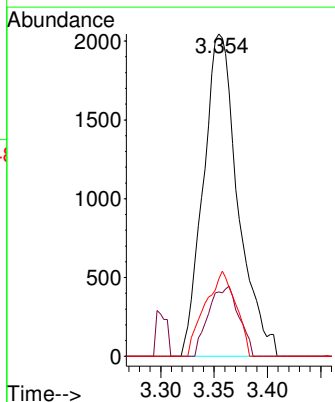
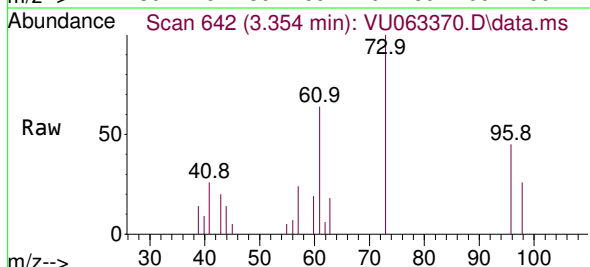
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-03

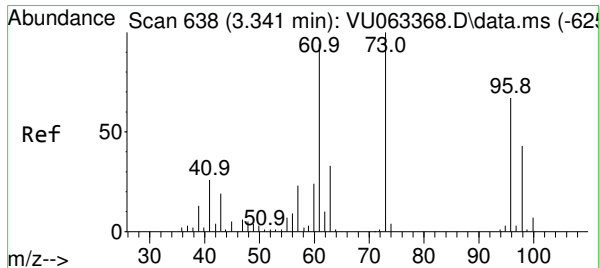
Tgt Ion:	84	Resp:	5241
Ion	Ratio	Lower	Upper
84	100		
86	53.1	45.0	83.6
49	116.8	82.4	153.0



#17
Methyl tert-butyl Ether
Concen: 0.240 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion:	73	Resp:	4609
Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.1	22.7
57	23.5	18.7	28.1

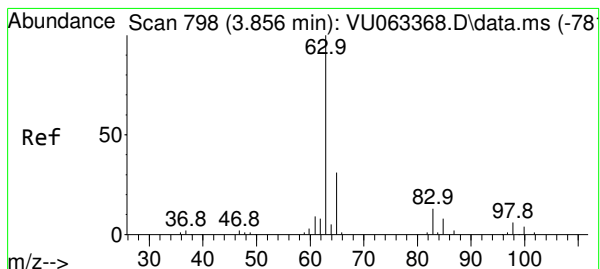
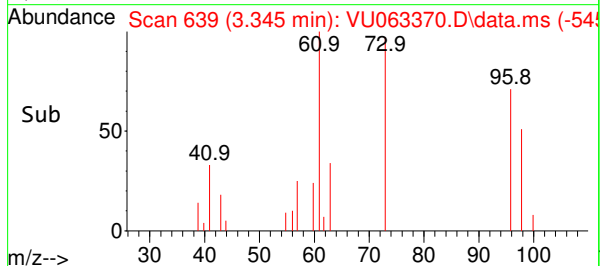
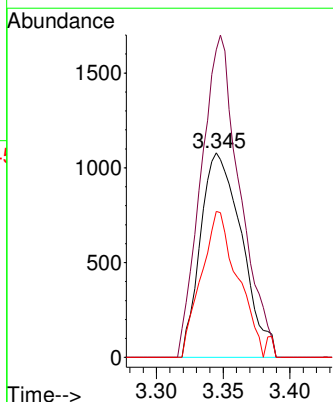
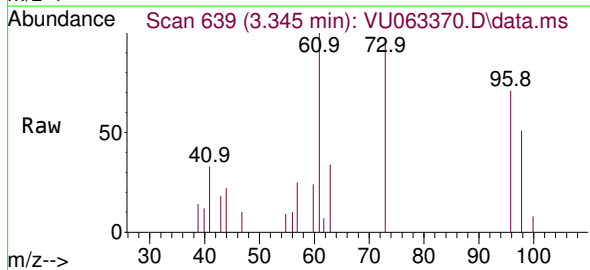




#18
trans-1,2-Dichloroethene
Concen: 0.274 ug/L
RT: 3.345 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

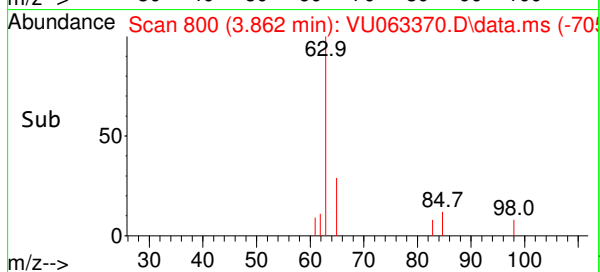
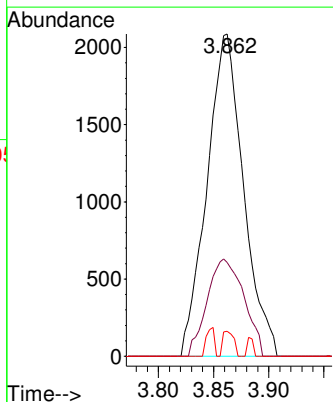
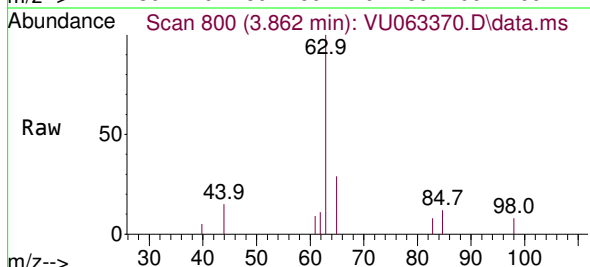
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-03

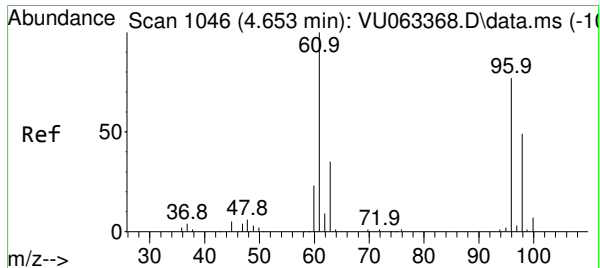
Tgt Ion:	96	Resp:	2320
Ion	Ratio	Lower	Upper
96	100		
61	150.3	99.2	184.2
98	71.4	43.2	80.2



#19
1,1-Dichloroethane
Concen: 0.283 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.007 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion:	63	Resp:	4789
Ion	Ratio	Lower	Upper
63	100		
65	29.1	23.2	43.0
83	7.7	8.7	16.1#

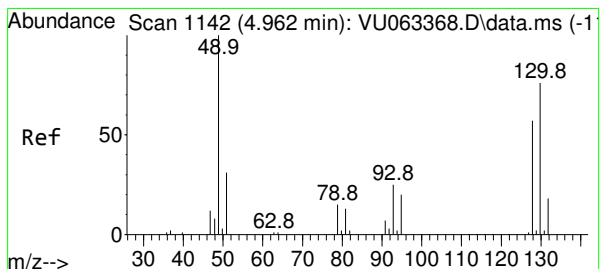
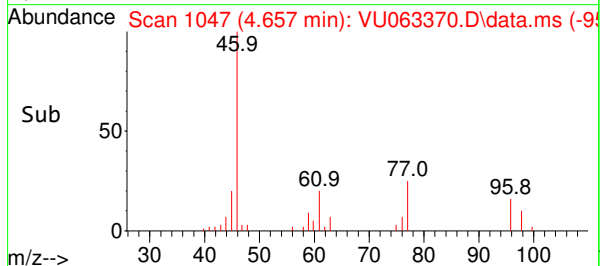
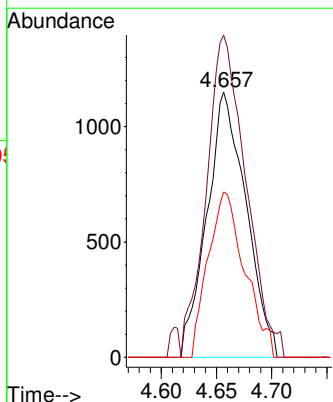
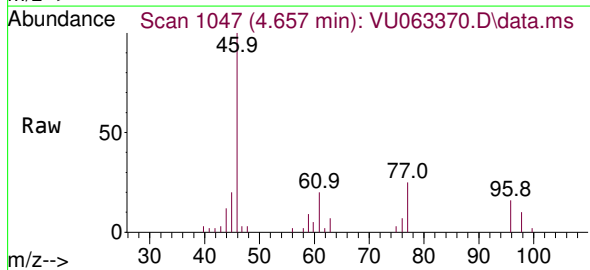




#22
cis-1,2-Dichloroethene
Concen: 0.300 ug/L
RT: 4.657 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

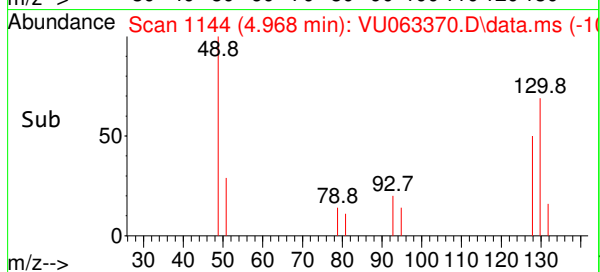
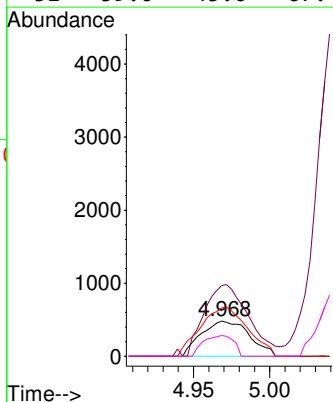
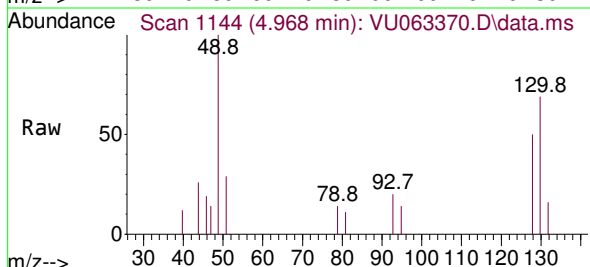
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-03

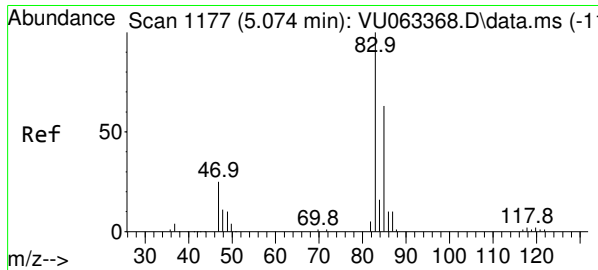
Tgt Ion: 96 Resp: 2835
Ion Ratio Lower Upper
96 100
61 121.6 91.8 170.6
98 62.4 44.4 82.4



#23
Bromochloromethane
Concen: 0.243 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.007 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion: 128 Resp: 1063
Ion Ratio Lower Upper
128 100
49 200.4 121.2 225.2
130 137.5 89.2 165.6
51 59.0 45.0 67.4

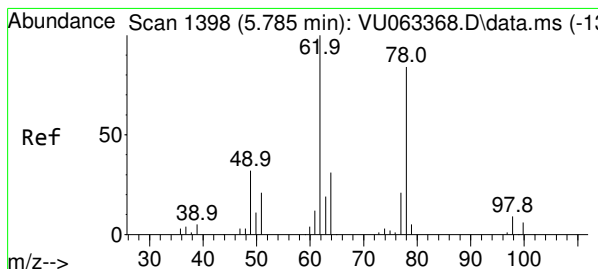
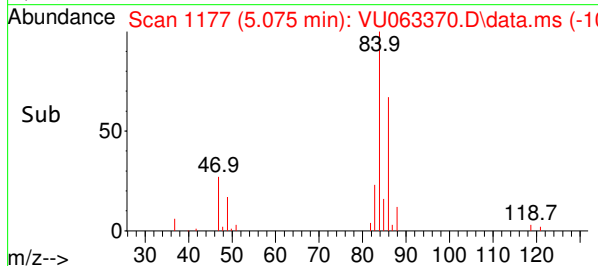
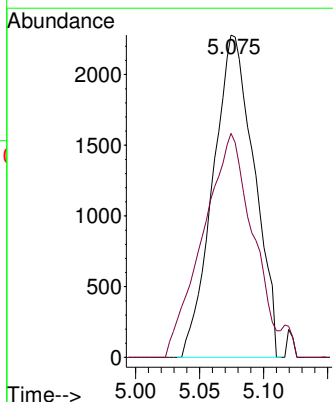
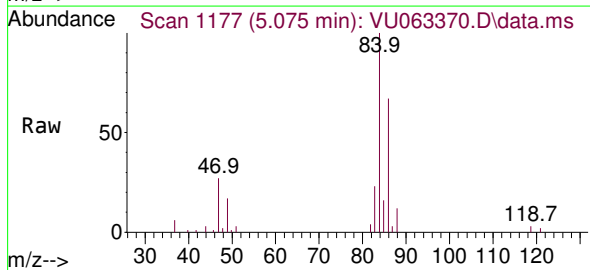




#25
Chloroform
Concen: 0.301 ug/L
RT: 5.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

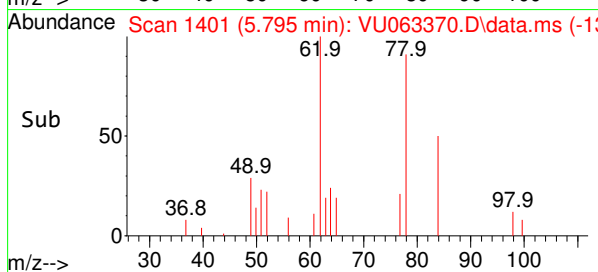
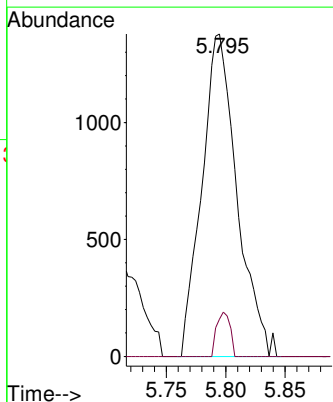
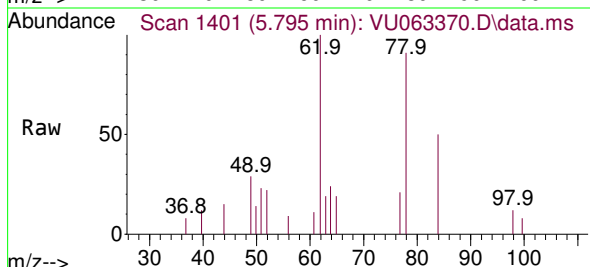
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-03

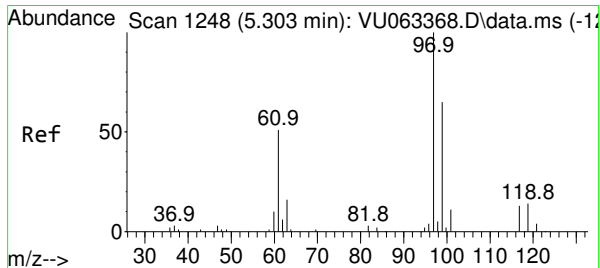
Tgt Ion: 83 Resp: 5104
Ion Ratio Lower Upper
83 100
85 69.5 45.6 84.8



#27
1,2-Dichloroethane
Concen: 0.261 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion: 62 Resp: 2844
Ion Ratio Lower Upper
62 100
98 11.6 7.2 10.8#

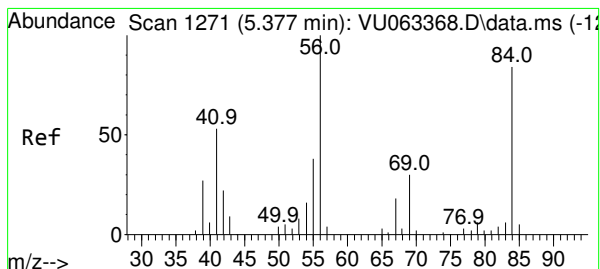
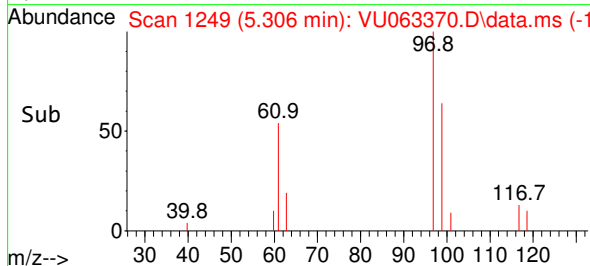
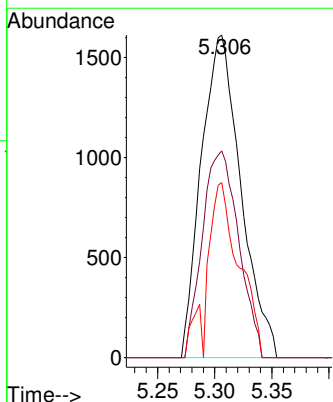
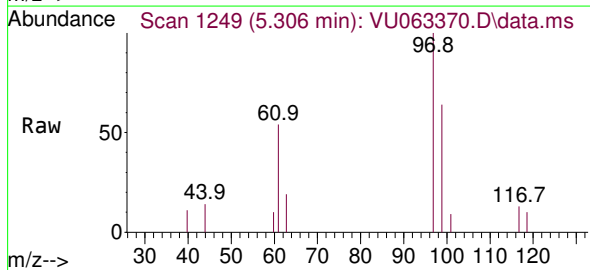




#29
1,1,1-Trichloroethane
Concen: 0.288 ug/L
RT: 5.306 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

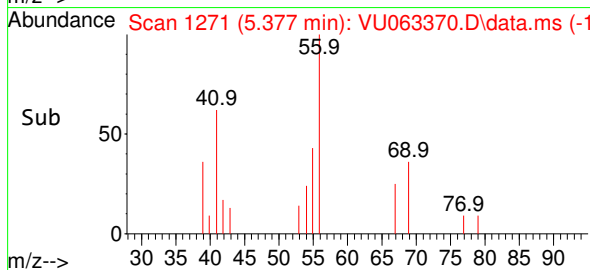
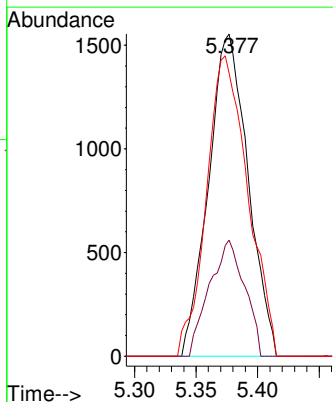
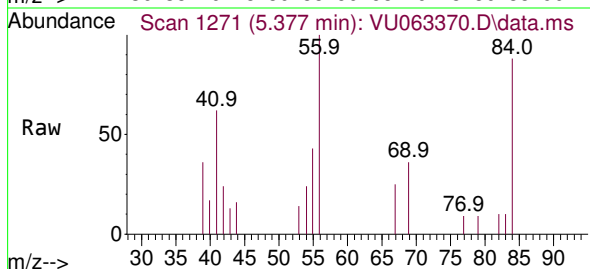
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-03

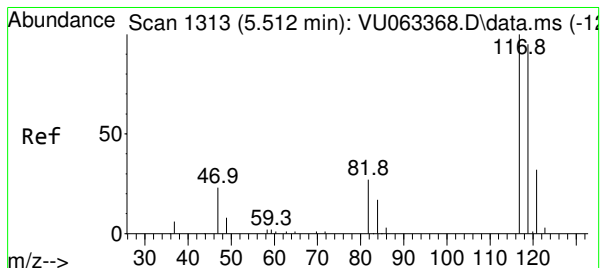
Tgt Ion:	97	Resp:	3882
Ion	Ratio	Lower	Upper
97	100		
99	58.9	51.5	77.3
61	43.6	38.5	57.7



#30
Cyclohexane
Concen: 0.248 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion:	56	Resp:	3469
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.6	37.0
84	97.3	67.9	101.9

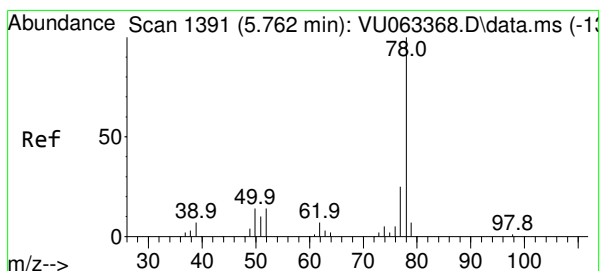
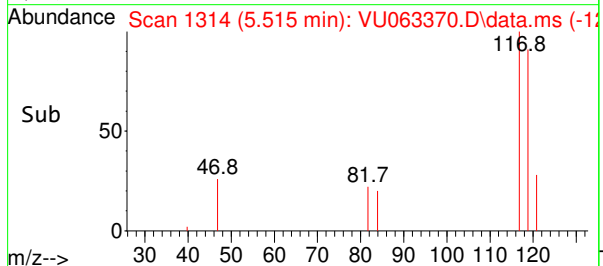
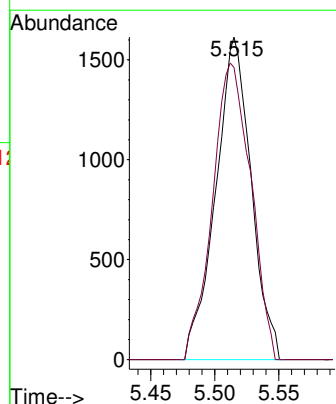
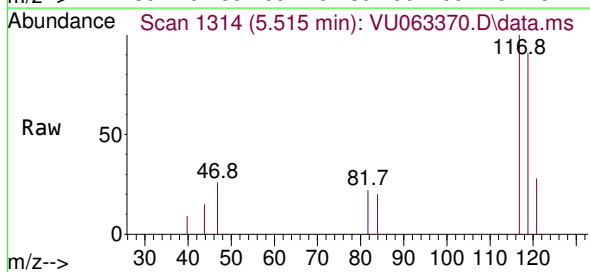




#31
Carbon tetrachloride
Concen: 0.277 ug/L
RT: 5.515 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

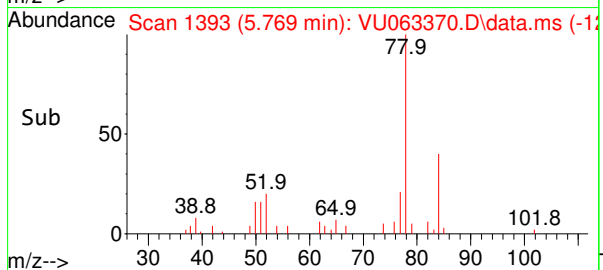
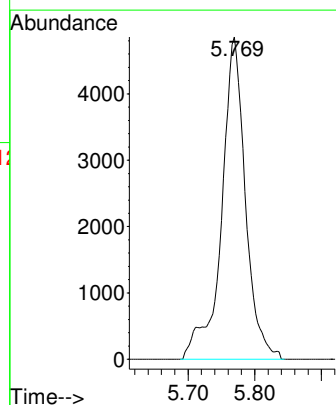
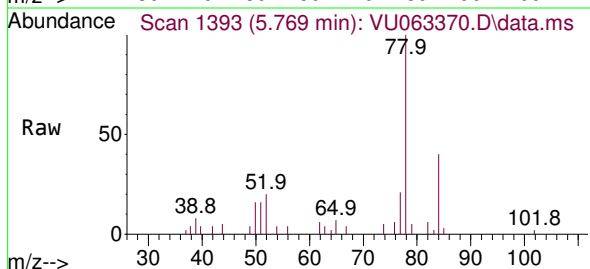
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-03

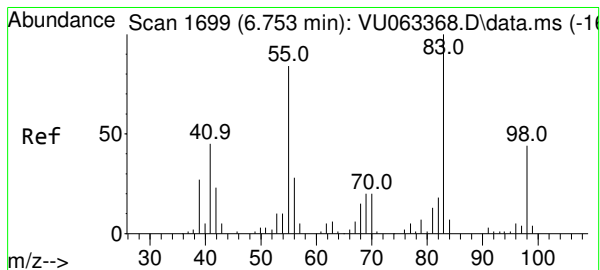
Tgt Ion:117 Resp: 3110
Ion Ratio Lower Upper
117 100
119 99.6 77.0 115.4



#33
Benzene
Concen: 0.324 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.007 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion: 78 Resp: 12108

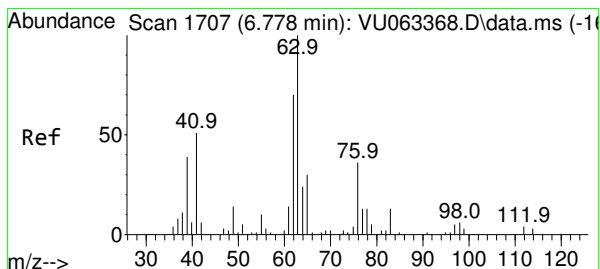
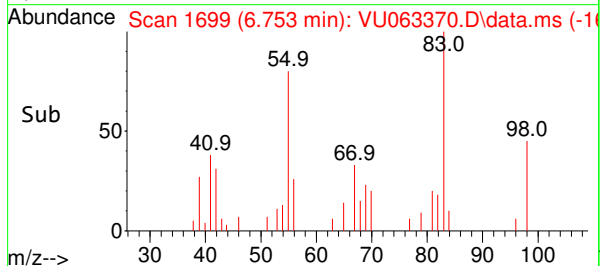
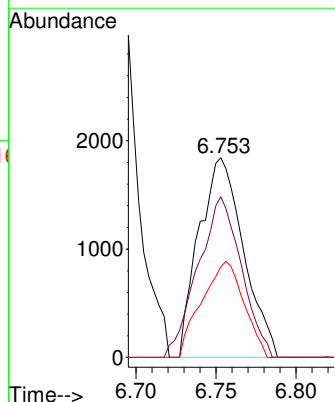
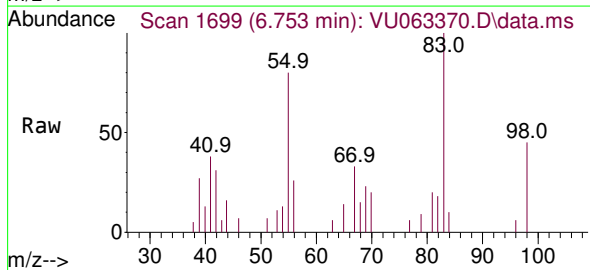




#35
Methylcyclohexane
Concen: 0.258 ug/L
RT: 6.753 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

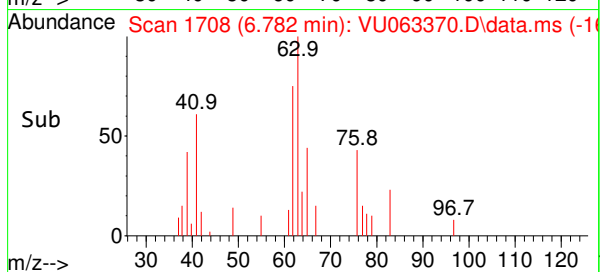
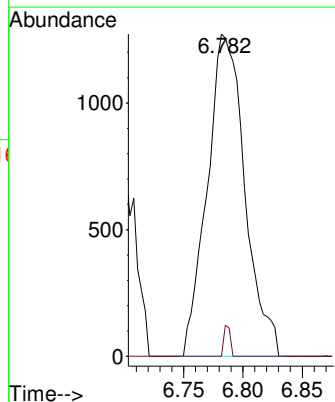
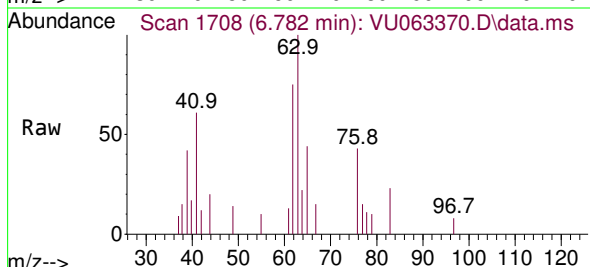
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-03

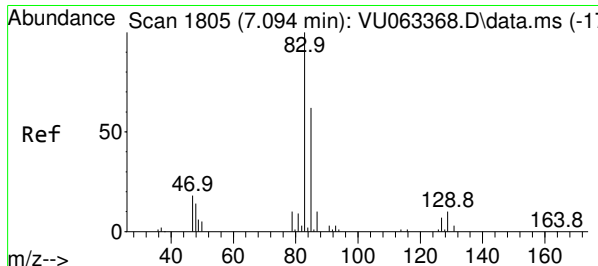
Tgt Ion: 83 Resp: 3564
Ion Ratio Lower Upper
83 100
55 78.4 62.8 94.2
98 45.5 36.0 54.0



#37
1,2-Dichloropropane
Concen: 0.271 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion: 63 Resp: 2809
Ion Ratio Lower Upper
63 100
112 1.6 2.6 4.0#

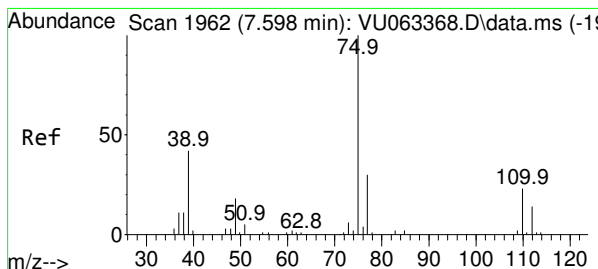
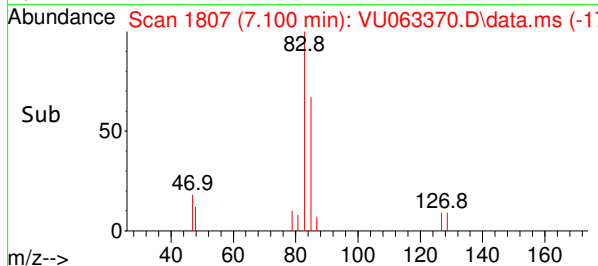
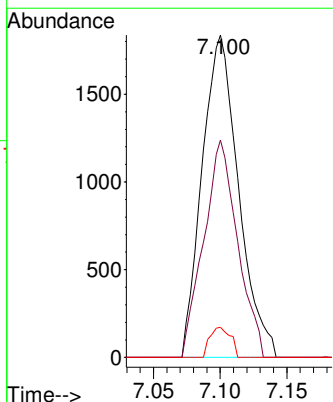
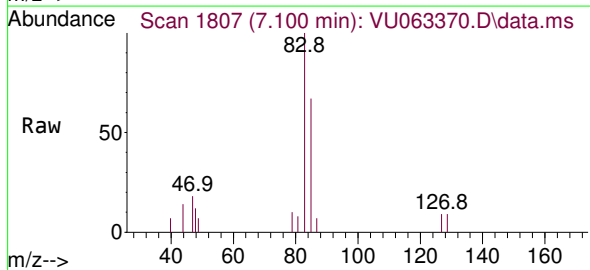




#38
Bromodichloromethane
Concen: 0.284 ug/L
RT: 7.100 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

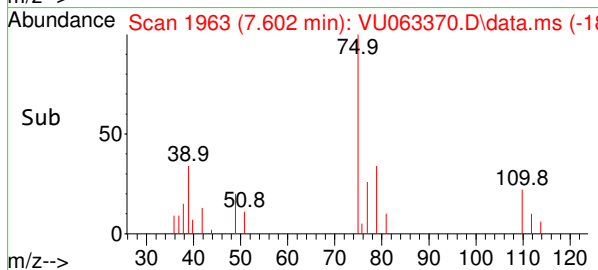
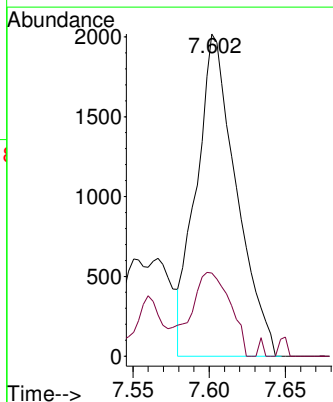
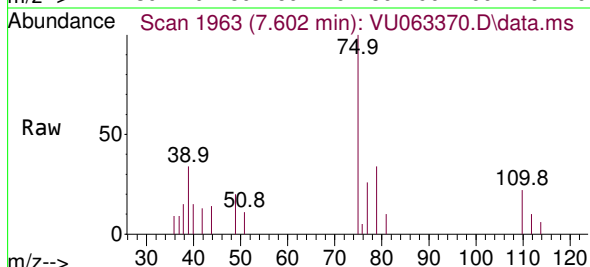
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-03

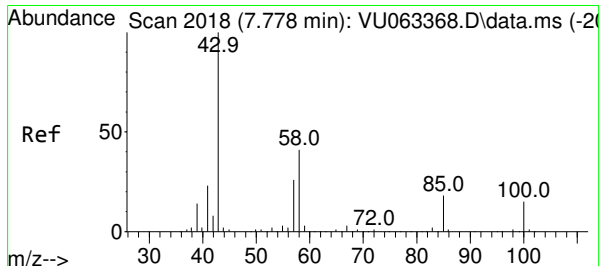
Tgt Ion: 83 Resp: 3480
Ion Ratio Lower Upper
83 100
85 67.4 44.0 81.8
127 9.4 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 0.261 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.003 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion: 75 Resp: 3668
Ion Ratio Lower Upper
75 100
77 25.8 22.6 42.0

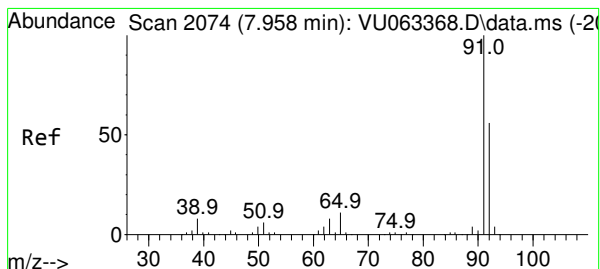
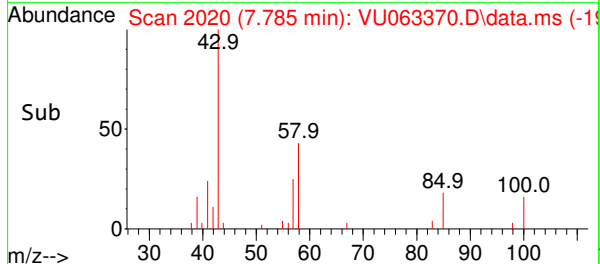
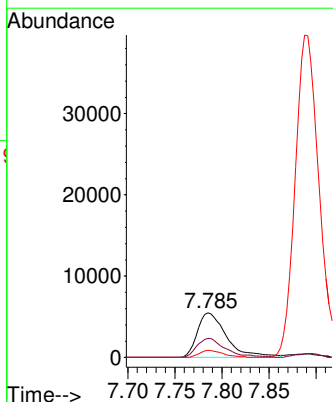
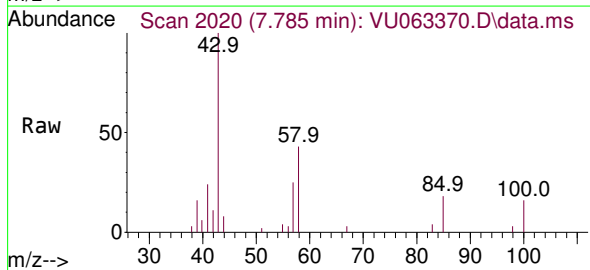




#40
4-Methyl-2-pentanone
Concen: 2.119 ug/L
RT: 7.785 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

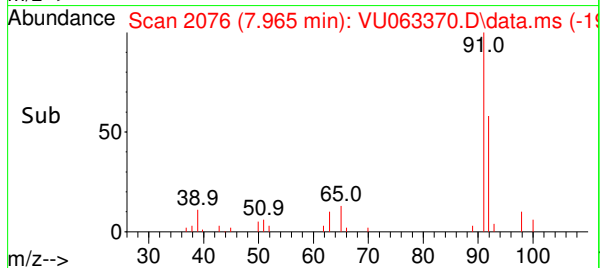
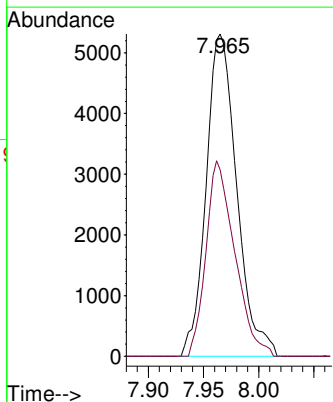
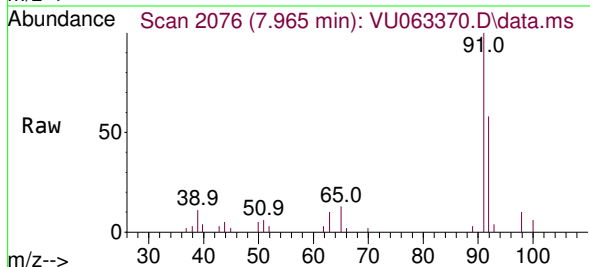
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-03

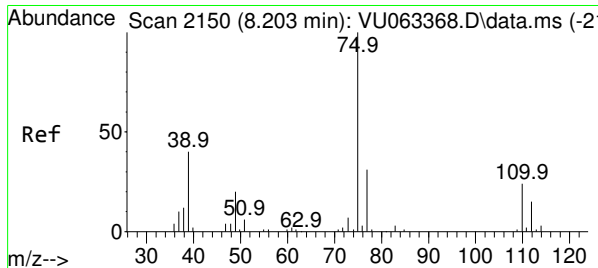
Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.7	33.7	50.5
100	0.0	12.1	18.1#



#42
Toluene
Concen: 0.265 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.007 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.9	39.5	73.4

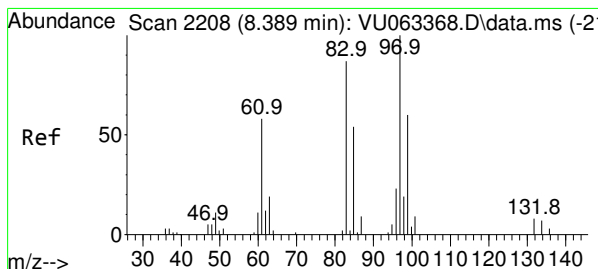
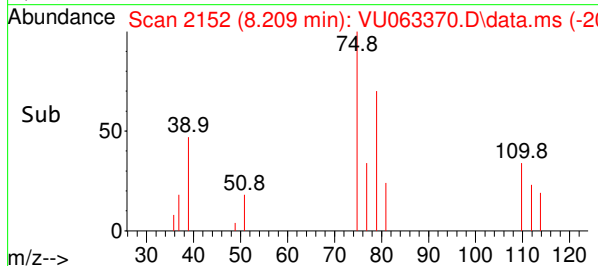
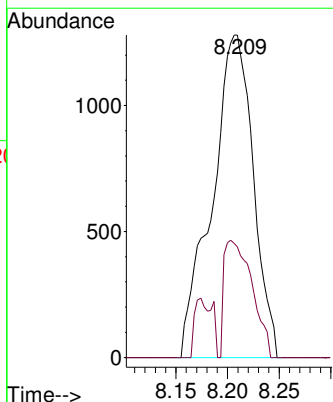
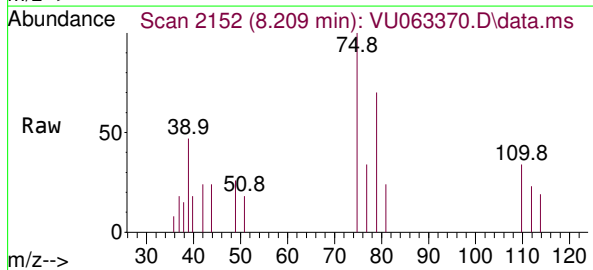




#44
trans-1,3-Dichloropropene
Concen: 0.309 ug/L
RT: 8.209 min Scan# 2152
Delta R.T. 0.007 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

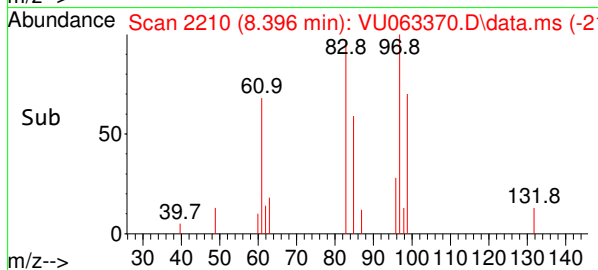
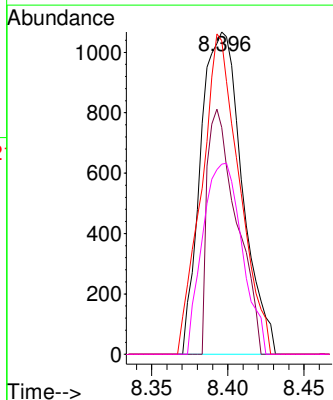
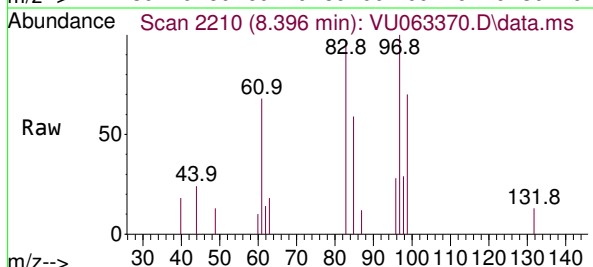
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-03

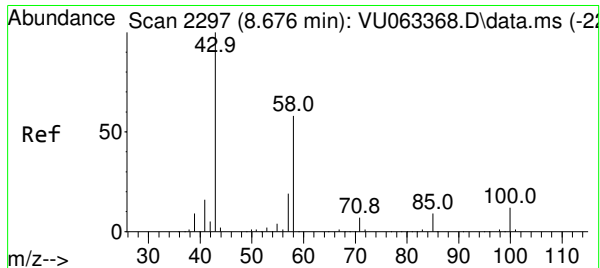
Tgt Ion: 75 Resp: 3551
Ion Ratio Lower Upper
75 100
77 34.3 21.6 40.0



#45
1,1,2-Trichloroethane
Concen: 0.273 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.007 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion: 97 Resp: 2022
Ion Ratio Lower Upper
97 100
99 70.4 42.2 78.4
83 97.3 62.9 116.9
85 59.0 40.4 75.0

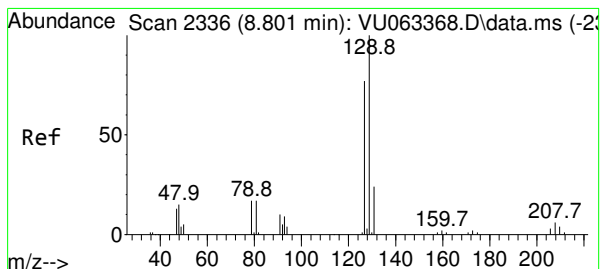
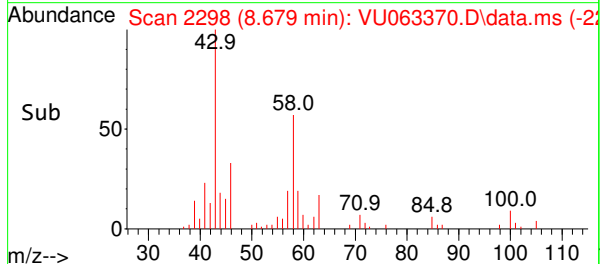
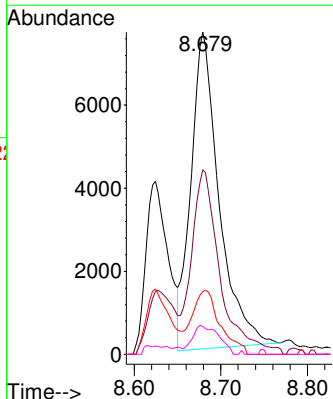
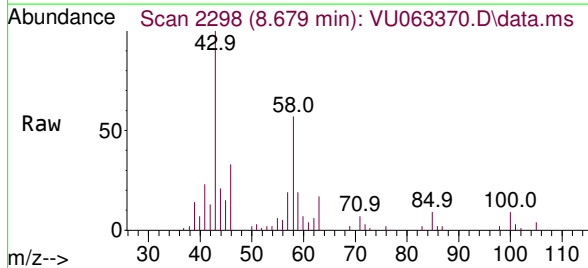




#48
2-Hexanone
Concen: 4.295 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

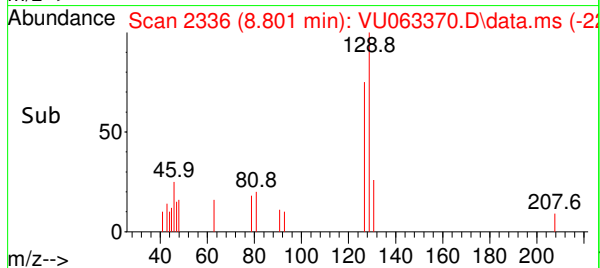
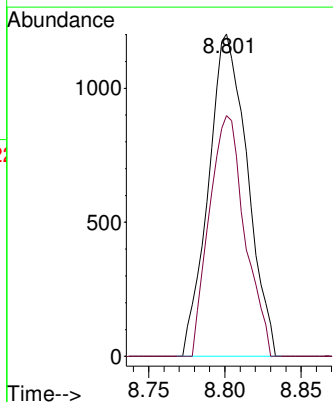
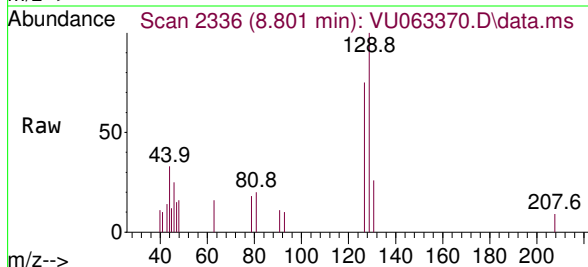
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-03

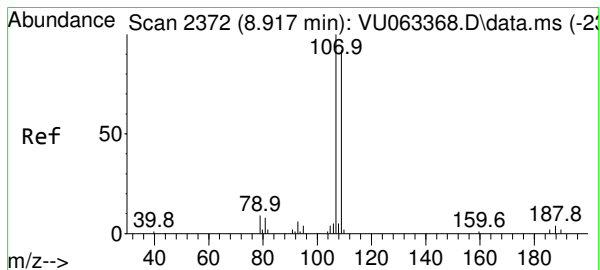
Tgt Ion:	43	Resp:	17180
Ion	Ratio	Lower	Upper
43	100		
58	58.5	45.8	68.8
57	20.1	15.7	23.5
100	8.6	9.4	14.0



#49
Dibromochloromethane
Concen: 0.269 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion:	129	Resp:	2134
Ion	Ratio	Lower	Upper
129	100		
127	74.6	53.8	99.8





#50

1,2-Dibromoethane

Concen: 0.253 ug/L

RT: 8.917 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU063370.D

Acq: 09 Jun 2025 16:47

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2025-03

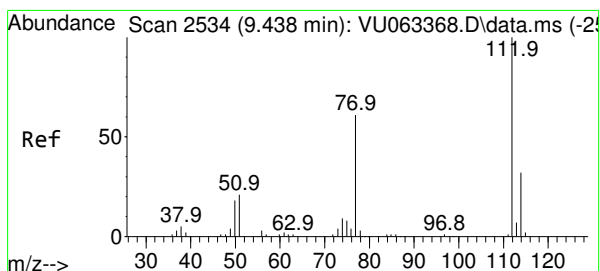
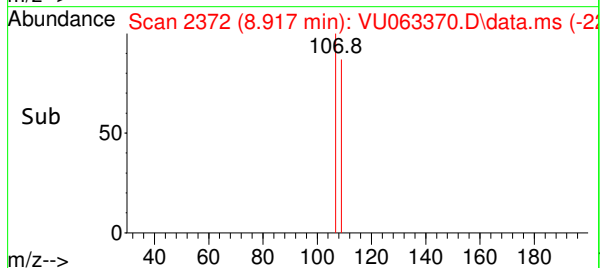
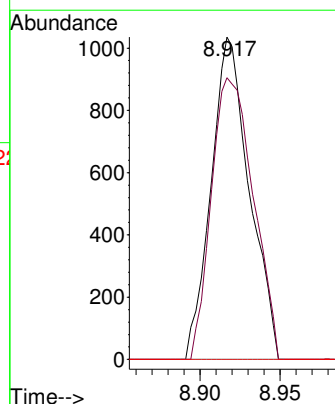
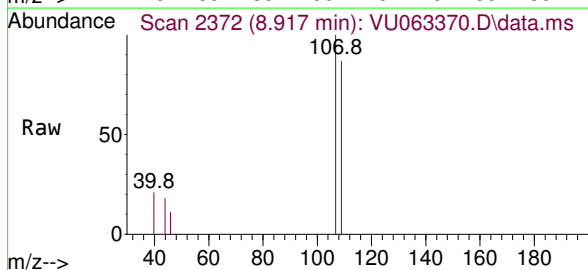
Tgt Ion:107 Resp: 1726

Ion Ratio Lower Upper

107 100

109 87.4 67.6 125.6

188 0.0 2.6 3.8#



#51

Chlorobenzene

Concen: 0.286 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063370.D

Acq: 09 Jun 2025 16:47

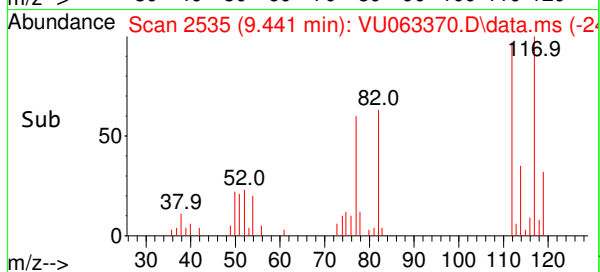
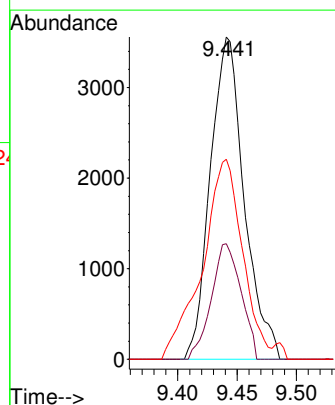
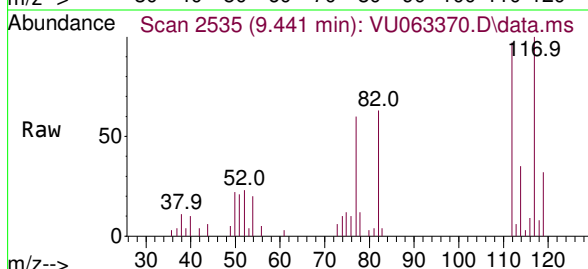
Tgt Ion:112 Resp: 7059

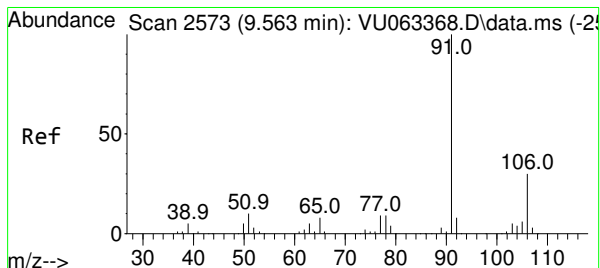
Ion Ratio Lower Upper

112 100

114 33.9 22.6 42.0

77 58.7 50.8 76.2





#52

Ethylbenzene

Concen: 0.269 ug/L

RT: 9.563 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU063370.D

Acq: 09 Jun 2025 16:47

Instrument :

MSVOA_U

ClientSampleId :

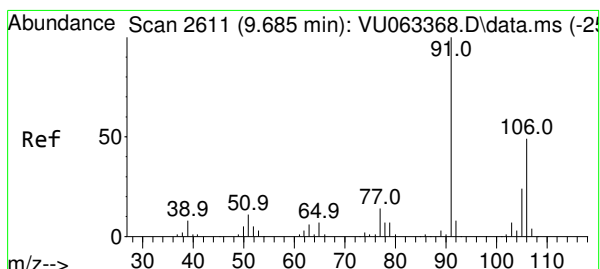
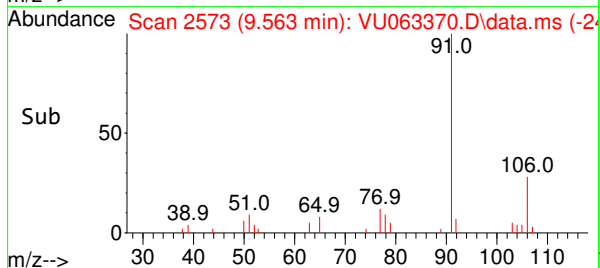
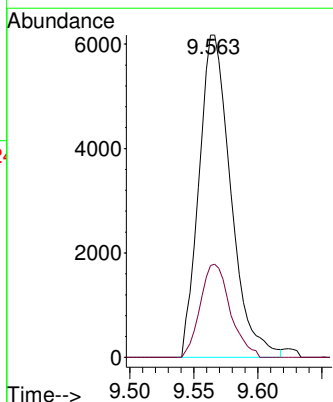
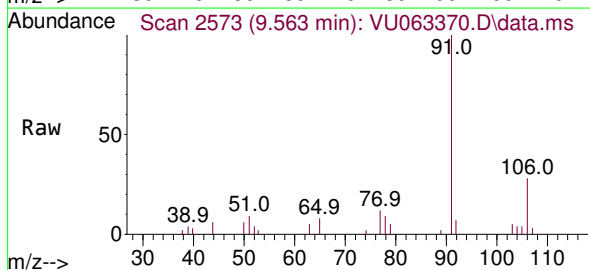
MDL-WATER-QT2-2025-03

Tgt Ion: 91 Resp: 10671

Ion Ratio Lower Upper

91 100

106 28.5 21.3 39.6



#53

m,p-Xylene

Concen: 0.246 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU063370.D

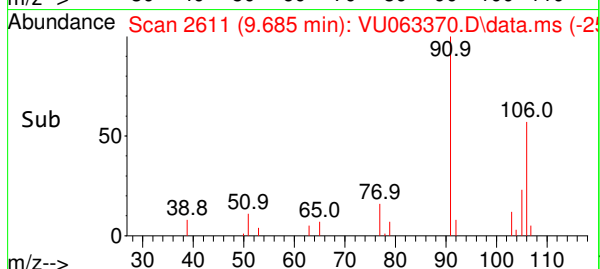
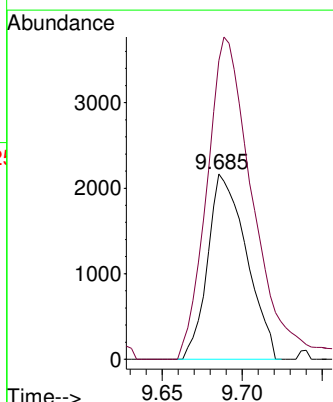
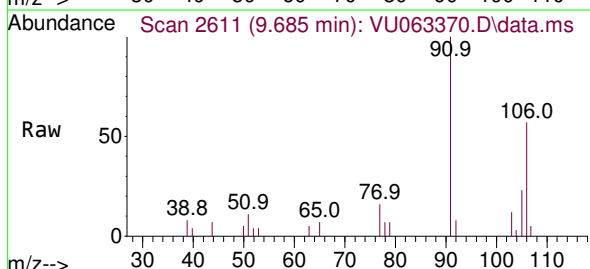
Acq: 09 Jun 2025 16:47

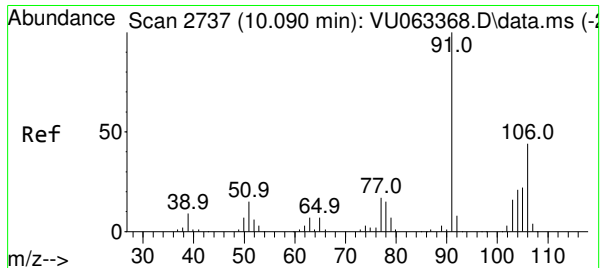
Tgt Ion: 106 Resp: 3645

Ion Ratio Lower Upper

106 100

91 161.1 147.3 273.6

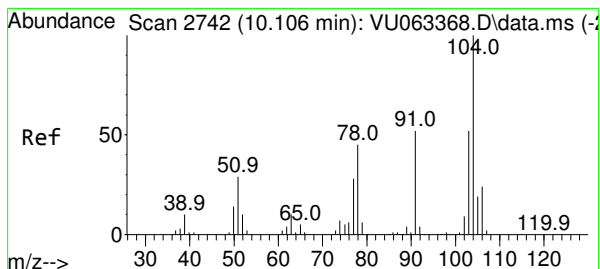
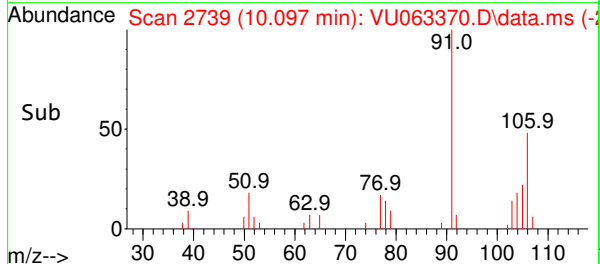
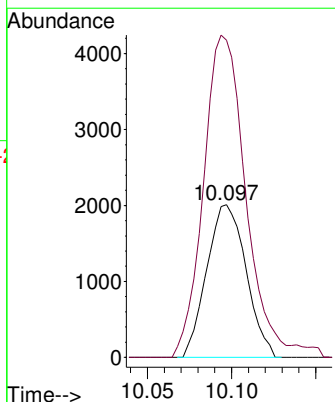
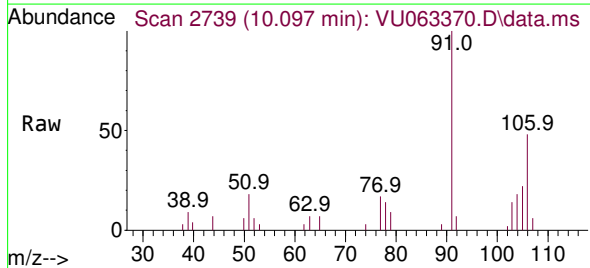




#54
o-Xylene
Concen: 0.231 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

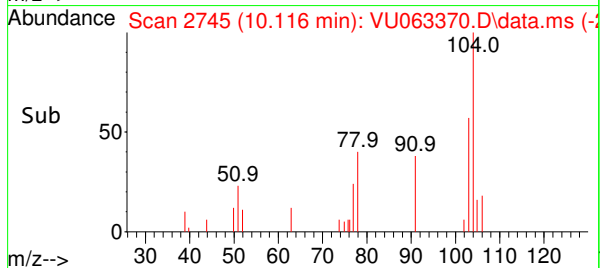
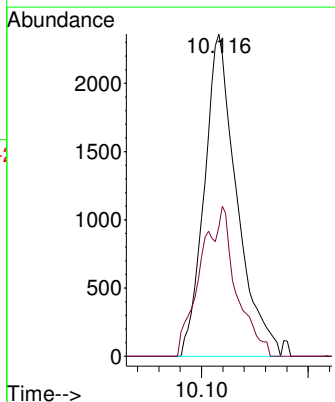
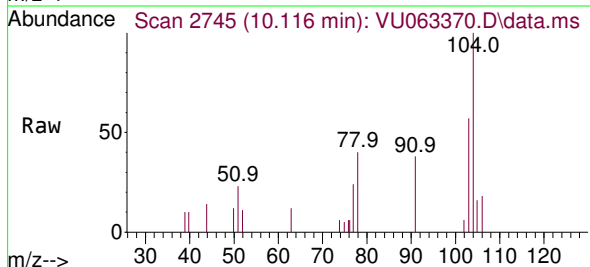
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-03

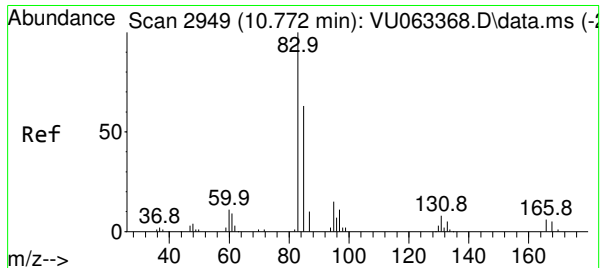
Tgt Ion:106 Resp: 3263
Ion Ratio Lower Upper
106 100
91 207.8 155.4 288.6



#55
Styrene
Concen: 0.207 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion:104 Resp: 4982
Ion Ratio Lower Upper
104 100
78 40.2 31.6 58.6

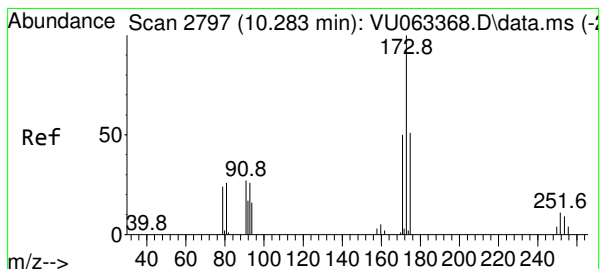
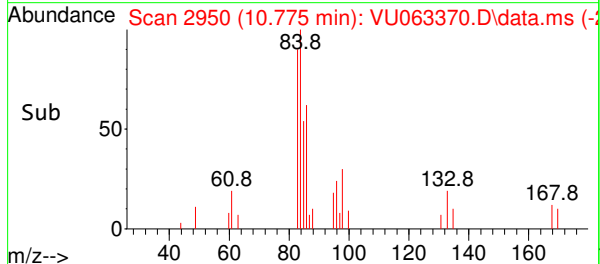
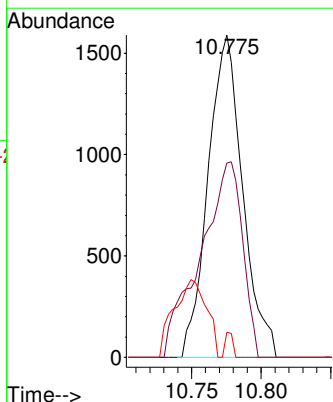
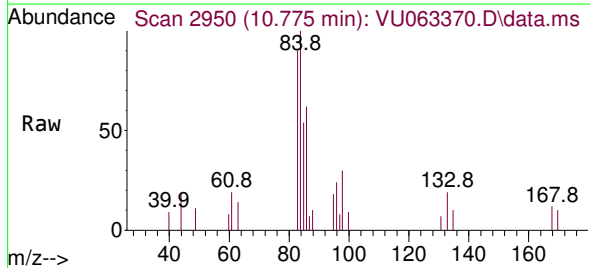




#57
1,1,2,2-Tetrachloroethane
Concen: 0.288 ug/L
RT: 10.775 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

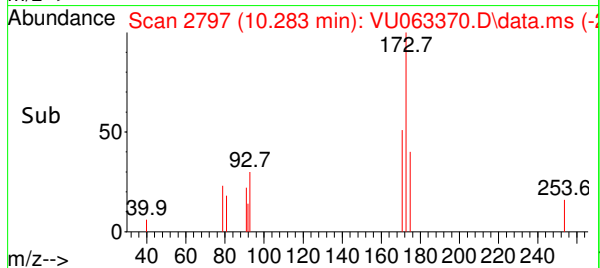
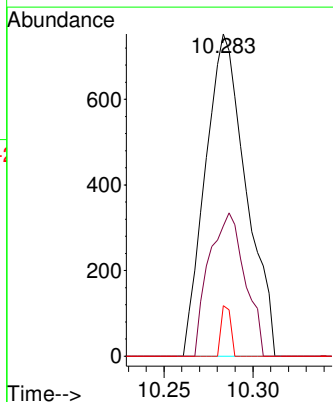
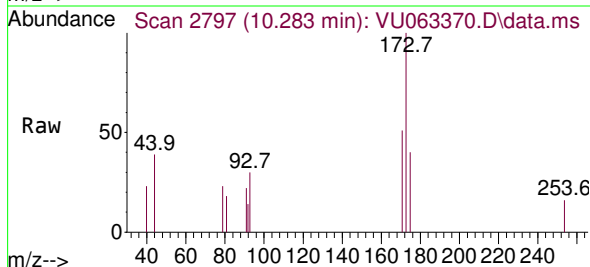
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-03

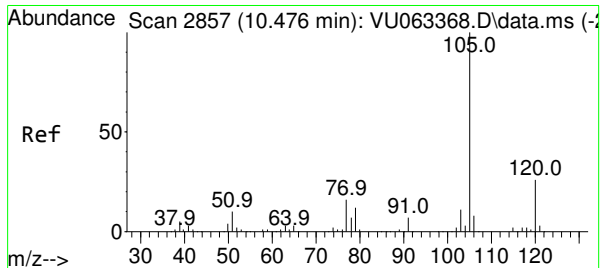
Tgt Ion:	83	Resp:	2735
Ion	Ratio	Lower	Upper
83	100		
85	60.3	45.6	84.8
131	7.7	7.4	11.0



#59
Bromoform
Concen: 0.302 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion:	173	Resp:	1195
Ion	Ratio	Lower	Upper
173	100		
175	39.4	37.7	56.5
254	3.7	7.9	11.9#

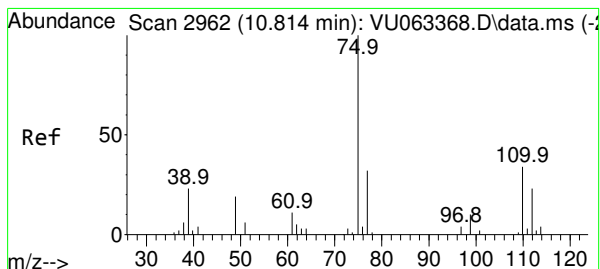
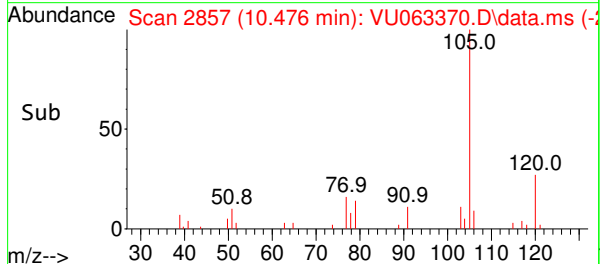
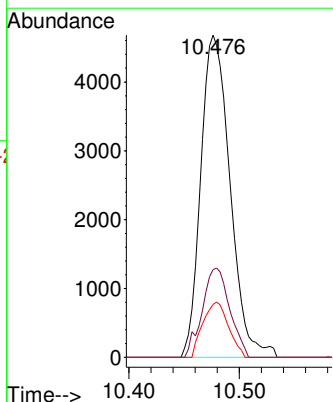
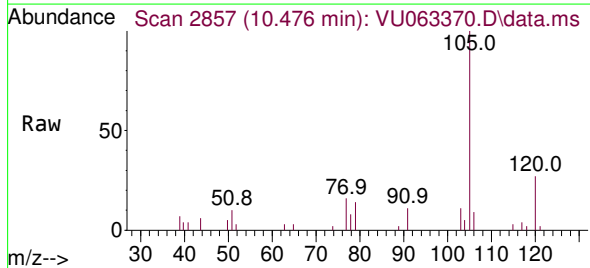




#60
Isopropylbenzene
Concen: 0.274 ug/L
RT: 10.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

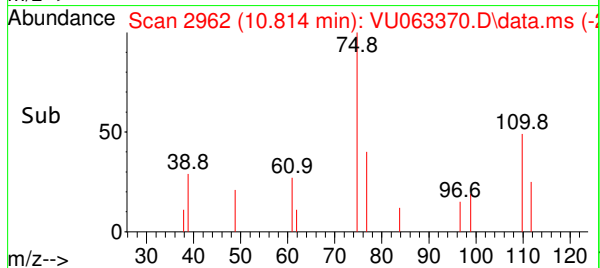
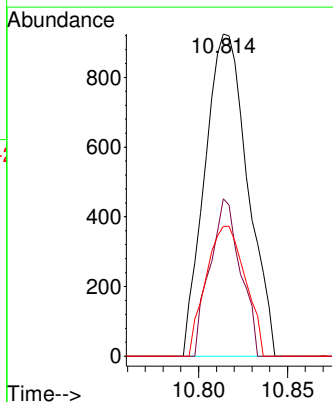
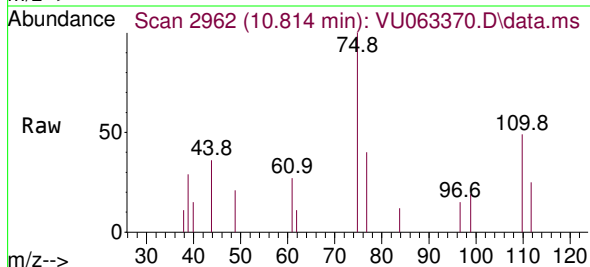
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-03

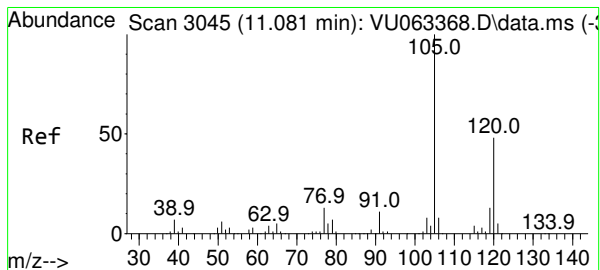
Tgt Ion:	105	Resp:	8640
Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.8	31.2
77	15.0	13.3	19.9



#61
1,2,3-Trichloropropane
Concen: 0.287 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion:	75	Resp:	1547
Ion	Ratio	Lower	Upper
75	100		
110	34.8	27.4	41.0
77	37.0	26.3	39.5

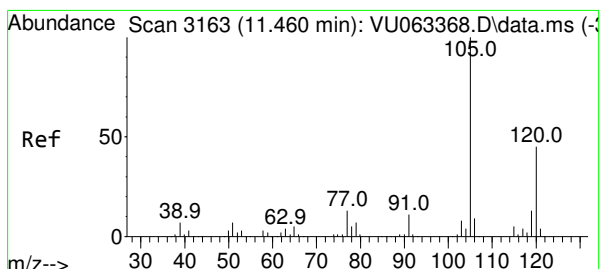
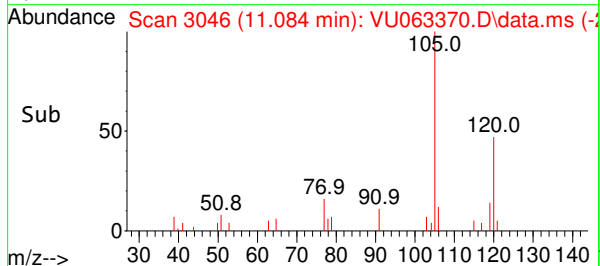
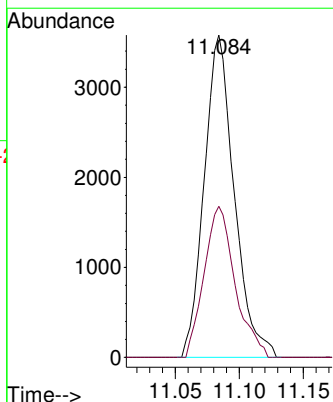
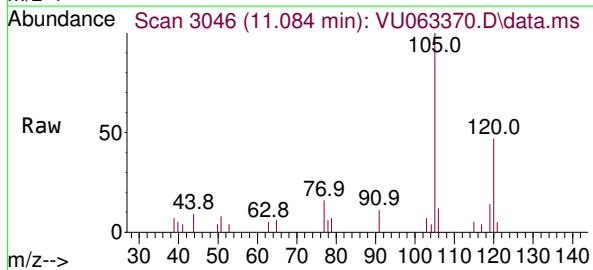




#62
1,3,5-Trimethylbenzene
Concen: 0.239 ug/L
RT: 11.084 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

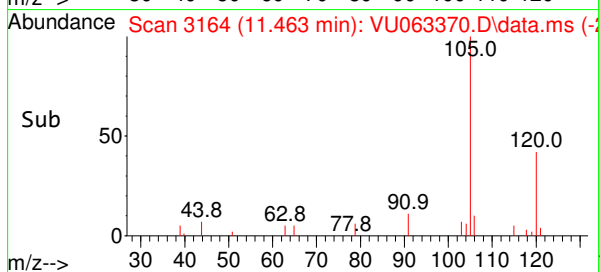
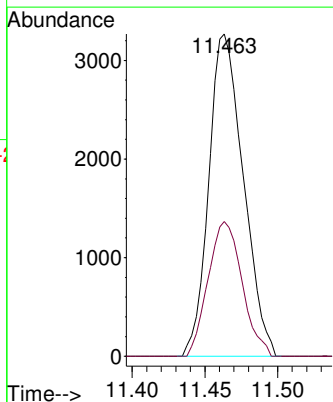
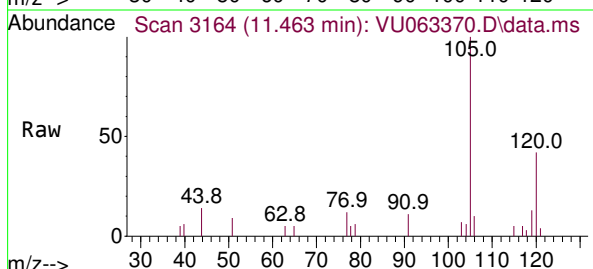
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-03

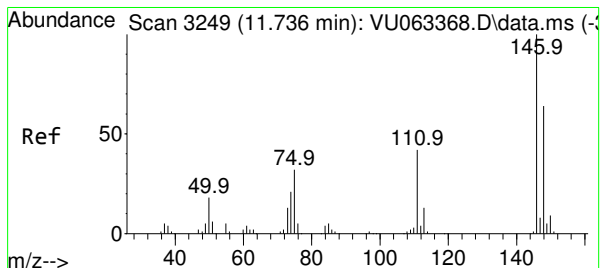
Tgt Ion:105 Resp: 5824
Ion Ratio Lower Upper
105 100
120 48.4 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 0.231 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion:105 Resp: 5394
Ion Ratio Lower Upper
105 100
120 41.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 0.307 ug/L

RT: 11.743 min Scan# 3

Delta R.T. 0.007 min

Lab File: VU063370.D

Acq: 09 Jun 2025 16:47

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2025-03

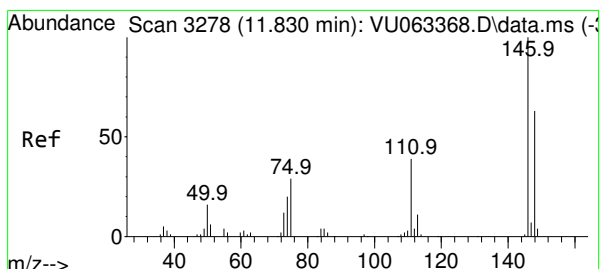
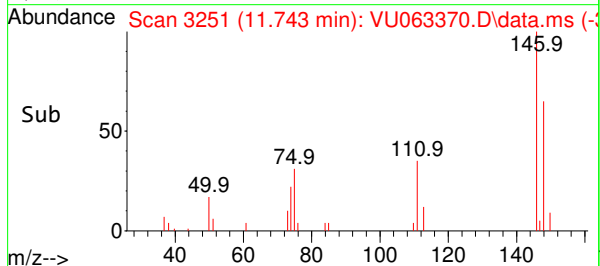
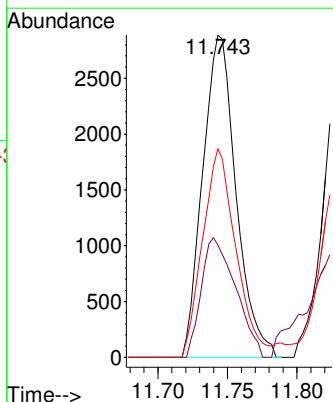
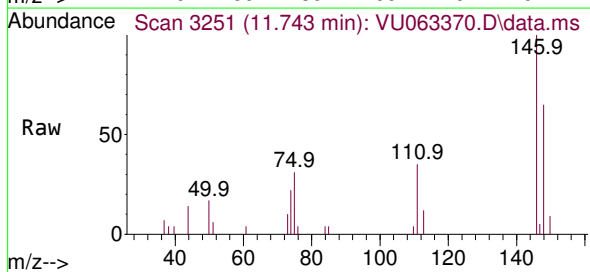
Tgt Ion:146 Resp: 4801

Ion Ratio Lower Upper

146 100

111 34.8 27.9 51.7

148 64.8 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 0.302 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU063370.D

Acq: 09 Jun 2025 16:47

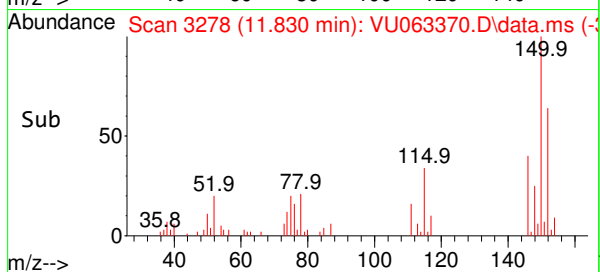
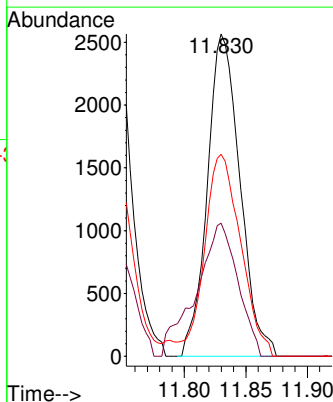
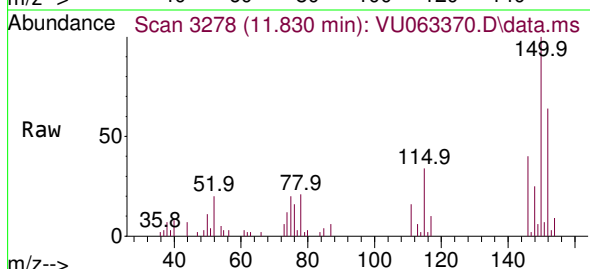
Tgt Ion:146 Resp: 4736

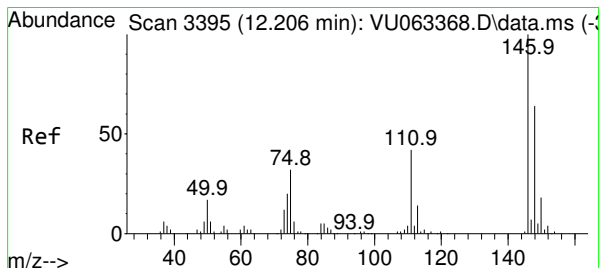
Ion Ratio Lower Upper

146 100

111 41.3 28.5 52.9

148 62.6 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 0.309 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU063370.D

Acq: 09 Jun 2025 16:47

Instrument :

MSVOA_U

ClientSampleId :

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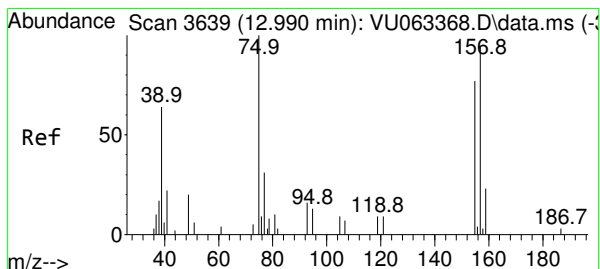
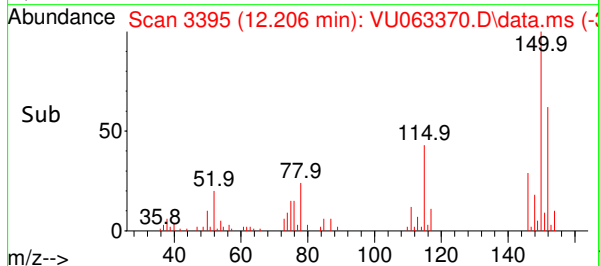
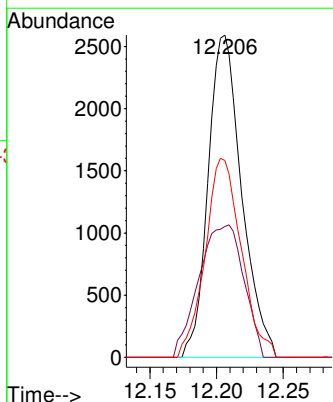
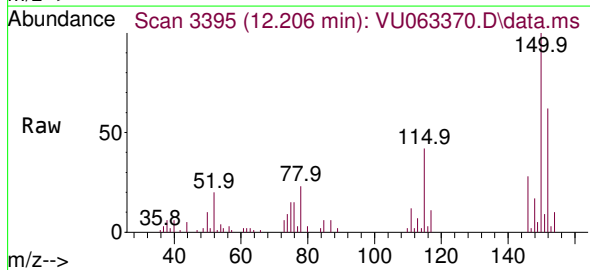
Tgt Ion:146 Resp: 4534

Ion Ratio Lower Upper

146 100

111 40.6 34.1 51.1

148 61.0 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.333 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU063370.D

Acq: 09 Jun 2025 16:47

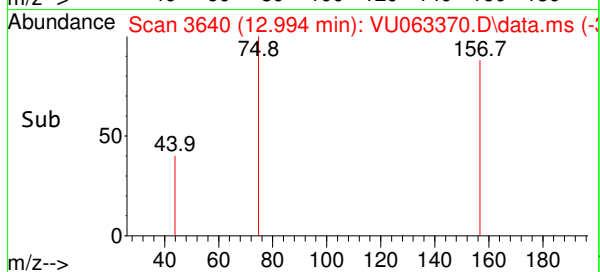
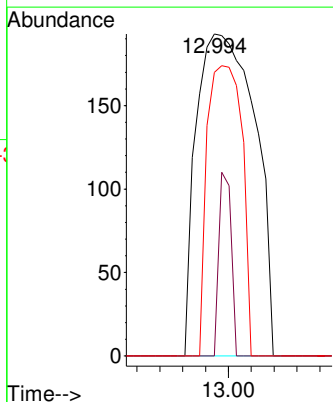
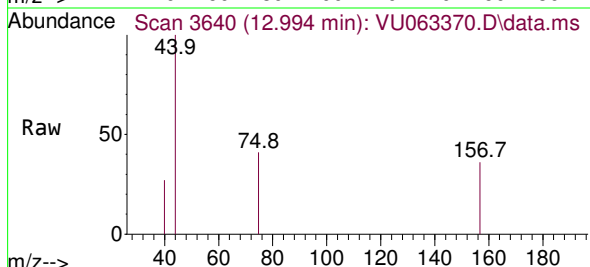
Tgt Ion: 75 Resp: 342

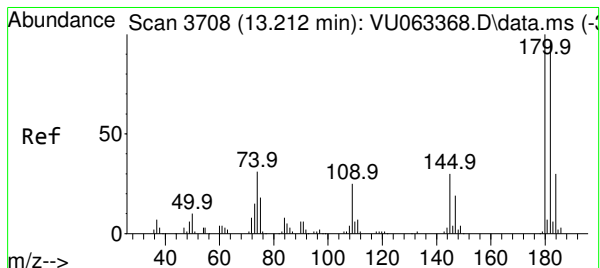
Ion Ratio Lower Upper

75 100

155 0.0 61.6 92.4#

157 88.1 77.4 116.0

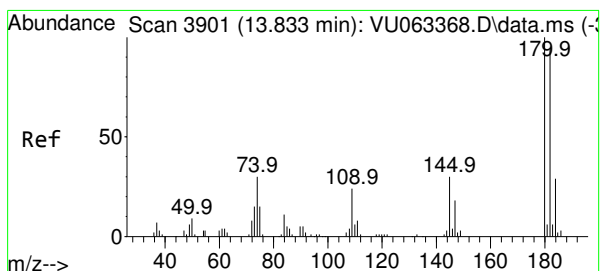
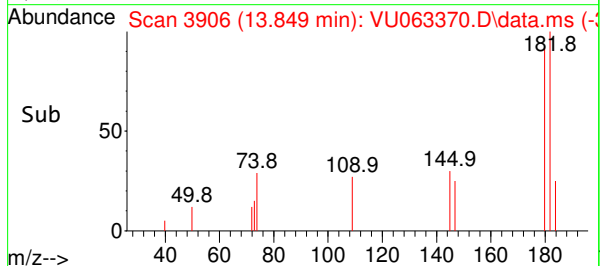
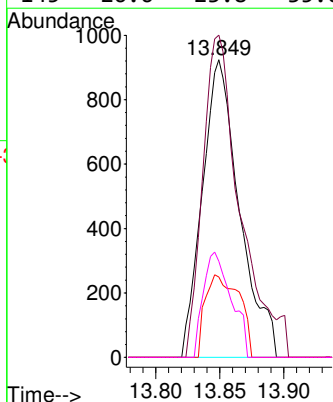
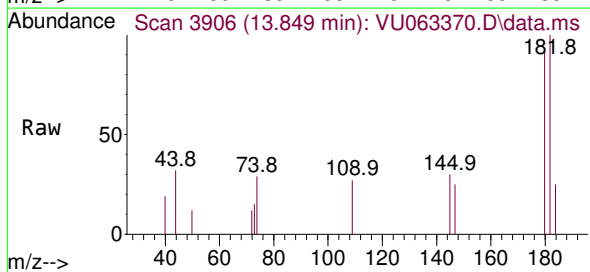




#69
1,3,5-Trichlorobenzene
Concen: 0.179 ug/L
RT: 13.849 min Scan# 3906
Delta R.T. 0.637 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

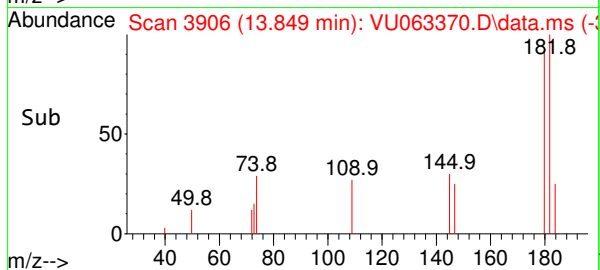
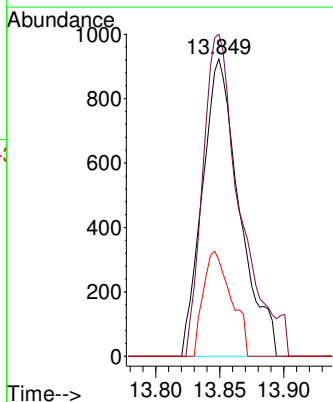
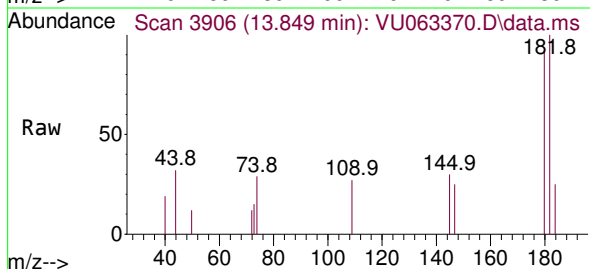
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-03

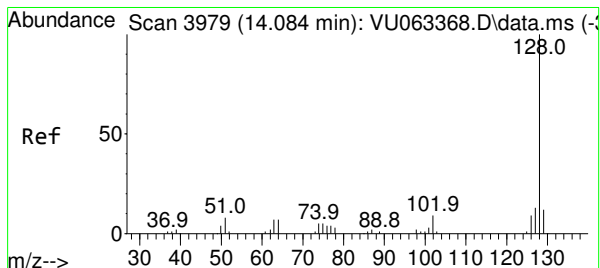
Tgt Ion:	180	Resp:	1860
Ion	Ratio	Lower	Upper
180	100		
182	109.2	76.7	115.1
184	25.2	23.8	35.8
145	26.6	23.8	35.6



#70
1,2,4-trichlorobenzene
Concen: 0.227 ug/L
RT: 13.849 min Scan# 3906
Delta R.T. 0.016 min
Lab File: VU063370.D
Acq: 09 Jun 2025 16:47

Tgt Ion:	180	Resp:	1860
Ion	Ratio	Lower	Upper
180	100		
182	109.2	76.1	114.1
145	26.6	24.3	36.5





#71

Naphthalene

Concen: 0.193 ug/L

RT: 14.113 min Scan# 3

Delta R.T. 0.029 min

Lab File: VU063370.D

Acq: 09 Jun 2025 16:47

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2025-03

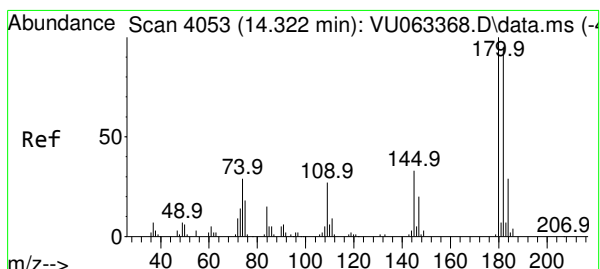
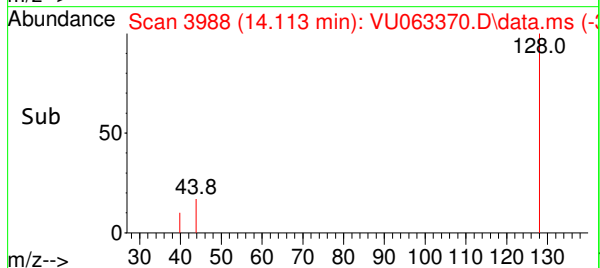
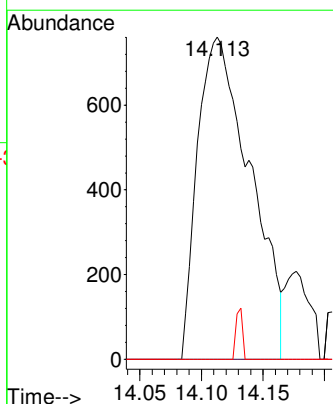
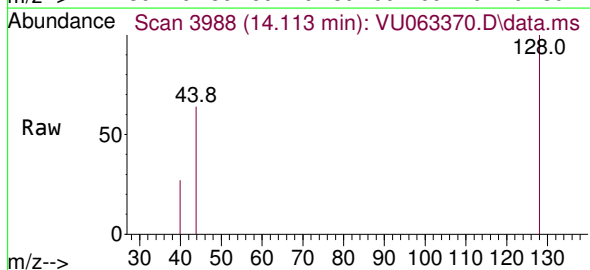
Tgt Ion:128 Resp: 2261

Ion Ratio Lower Upper

128 100

129 0.0 8.0 12.0#

127 1.9 10.6 15.8#



#72

1,2,3-Trichlorobenzene

Concen: 0.230 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.010 min

Lab File: VU063370.D

Acq: 09 Jun 2025 16:47

Tgt Ion:180 Resp: 1718

Ion Ratio Lower Upper

180 100

182 111.4 78.5 117.7

145 28.8 26.1 39.1

