

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061225\
 Data File : VU063393.D
 Acq On : 12 Jun 2025 11:43
 Operator : MD/SY
 Sample : Q2117-02
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 16 08:40:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 16 08:39:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	139091	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	144884	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	66183	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	48352	46.049	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.100%
7) Chloroethane-d5	1.901	69	49084	48.037	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.080%
11) 1,1-Dichloroethene-d2	2.554	63	69577	34.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.740%
21) 2-Butanone-d5	4.615	46	94940	104.199	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.200%
24) Chloroform-d	5.049	84	106333	47.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.280%
26) 1,2-Dichloroethane-d4	5.692	65	67607	49.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
32) Benzene-d6	5.714	84	212862	48.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.160%
36) 1,2-Dichloropropane-d6	6.679	67	73915	49.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.460%
41) Toluene-d8	7.888	98	176435	45.887	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.780%
43) trans-1,3-Dichloroprop...	8.174	79	28896	48.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.620%
47) 2-Hexanone-d5	8.624	63	51454	93.247	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.250%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	111381	49.068	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.140%
66) 1,2-Dichlorobenzene-d4	12.187	152	63992	52.846	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	3342	2.501	ug/L	100
3) Chloromethane	1.522	50	3879	2.570	ug/L	99
5) Vinyl chloride	1.596	62	4805	2.894	ug/L #	77
6) Bromomethane	1.846	94	2502	2.678	ug/L	100
8) Chloroethane	1.924	64	3017	2.904	ug/L	87
9) Trichlorofluoromethane	2.126	101	5499	2.813	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3453	2.964	ug/L #	62
12) 1,1-Dichloroethene	2.567	96	3100	2.990	ug/L #	1
13) Acetone	2.621	43	3449	4.995	ug/L	95
14) Carbon disulfide	2.782	76	9600	2.804	ug/L	99
15) Methyl Acetate	2.952	43	3396	2.371	ug/L #	100
17) trans-1,2-Dichloroethene	3.345	96	2917	2.618	ug/L	89
18) Methyl tert-butyl Ether	3.358	73	7306	2.186	ug/L	98
19) 1,1-Dichloroethane	3.859	63	6012	2.577	ug/L	98
20) cis-1,2-Dichloroethene	4.653	96	1913	1.510	ug/L	90
23) Bromochloromethane	4.972	128	1543	2.279	ug/L	91
25) Chloroform	5.078	83	6021	2.588	ug/L	91
27) 1,2-Dichloroethane	5.795	62	4523	2.478	ug/L	98
29) Cyclohexane	5.374	56	4124	2.145	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061225\
 Data File : VU063393.D
 Acq On : 12 Jun 2025 11:43
 Operator : MD/SY
 Sample : Q2117-02
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 16 08:40:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 16 08:39:07 2025
 Response via : Initial Calibration

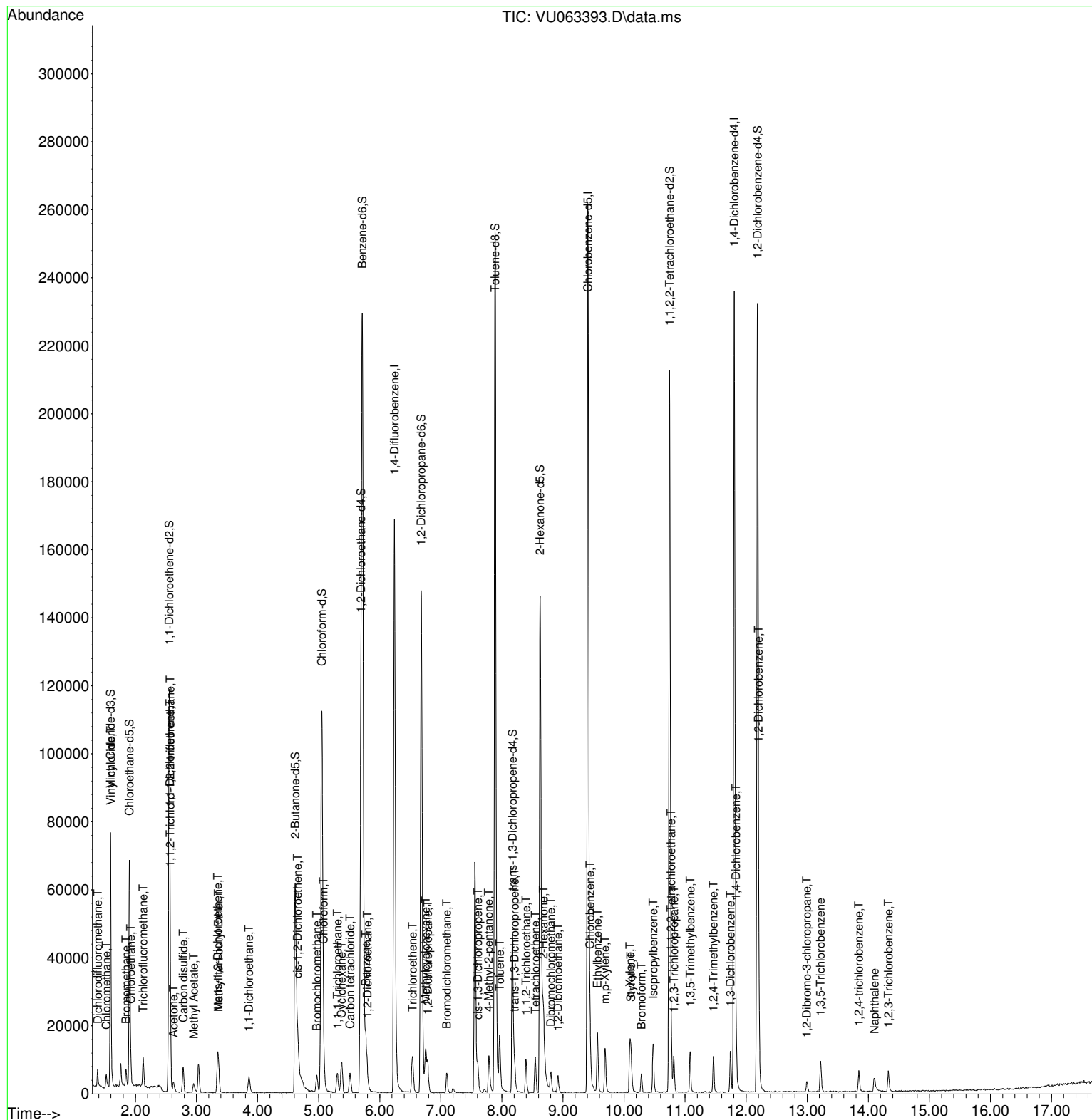
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	5.306	97	4388	2.398	ug/L	99
31) Carbon tetrachloride	5.512	117	3972	2.582	ug/L	100
33) Benzene	5.769	78	13410	2.663	ug/L	100
34) Trichloroethene	6.538	95	3742	2.891	ug/L	90
35) Methylcyclohexane	6.753	83	4383	2.289	ug/L	99
37) 1,2-Dichloropropane	6.785	63	3758	2.516	ug/L #	89
38) Bromodichloromethane	7.097	83	4435	2.518	ug/L	86
39) cis-1,3-Dichloropropene	7.608	75	5298	2.617	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	8768	4.733	ug/L #	90
42) Toluene	7.965	91	11927	2.267	ug/L	94
44) trans-1,3-Dichloropropene	8.206	75	5911	3.120	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	3471	2.539	ug/L	93
46) Tetrachloroethene	8.550	164	2583	2.700	ug/L	86
48) 2-Hexanone	8.679	43	13616	9.424	ug/L #	94
49) Dibromochloromethane	8.801	129	3089	2.381	ug/L	93
50) 1,2-Dibromoethane	8.920	107	3771	2.700	ug/L #	92
51) Chlorobenzene	9.441	112	8503	2.493	ug/L #	86
52) Ethylbenzene	9.566	91	12395	2.250	ug/L	93
53) m,p-Xylene	9.689	106	4070	1.997	ug/L	76
54) o-Xylene	10.094	106	3672	1.890	ug/L	91
55) Styrene	10.113	104	5977	1.792	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.772	83	6479	2.652	ug/L #	98
59) Bromoform	10.283	173	2440	2.779	ug/L #	92
60) 1,2,3-Trichloropropane	10.817	75	4534	2.849	ug/L	96
61) Isopropylbenzene	10.480	105	9725	2.225	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	7072	2.094	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	6229	1.941	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	5581	2.573	ug/L	94
65) 1,4-Dichlorobenzene	11.830	146	5925	2.657	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	5977	2.729	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.991	75	1053	2.460	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.219	180	3681	2.506	ug/L	93
70) 1,2,4-trichlorobenzene	13.846	180	2149	1.884	ug/L #	86
71) Naphthalene	14.100	128	5858	1.905	ug/L #	79
72) 1,2,3-Trichlorobenzene	14.331	180	2431	2.153	ug/L	97

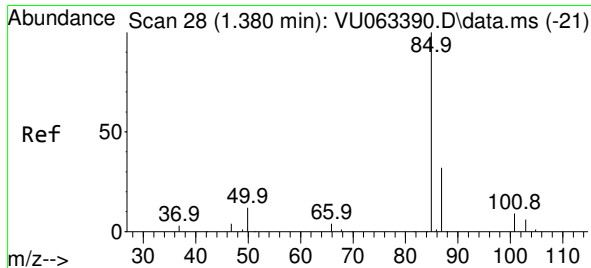
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061225\
 Data File : VU063393.D
 Acq On : 12 Jun 2025 11:43
 Operator : MD/SY
 Sample : Q2117-02
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 16 08:40:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 16 08:39:07 2025
 Response via : Initial Calibration

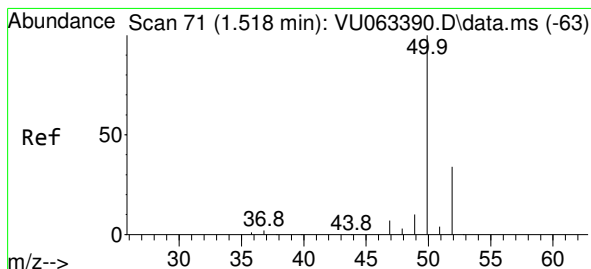
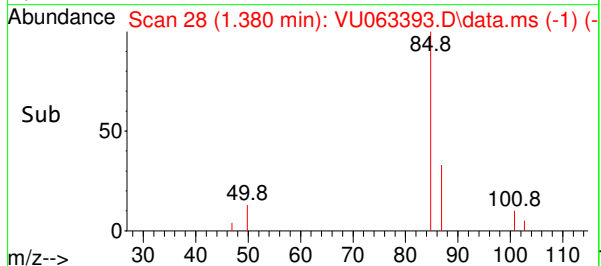
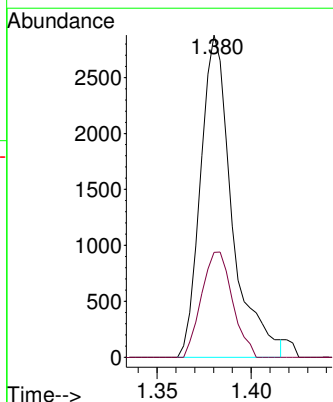
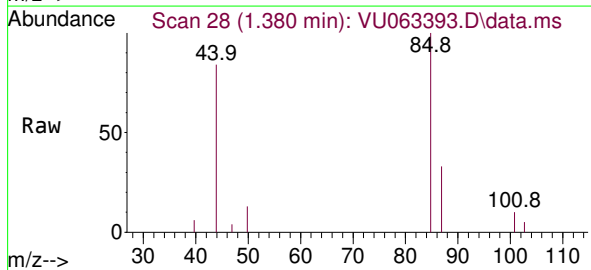




#2
Dichlorodifluoromethane
Concen: 2.501 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

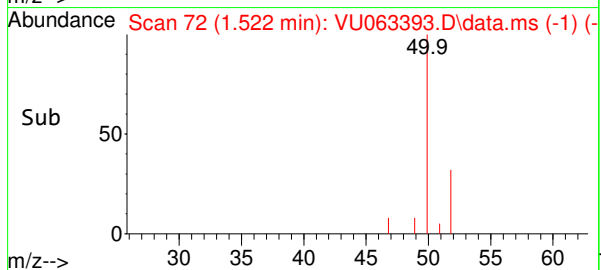
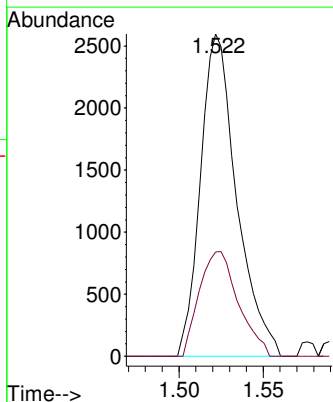
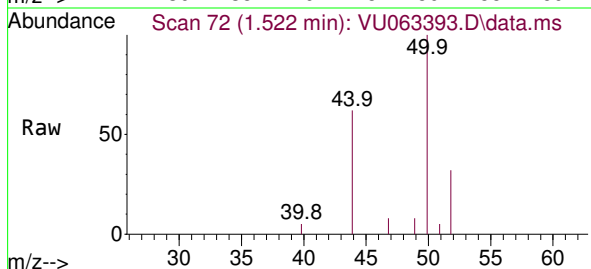
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

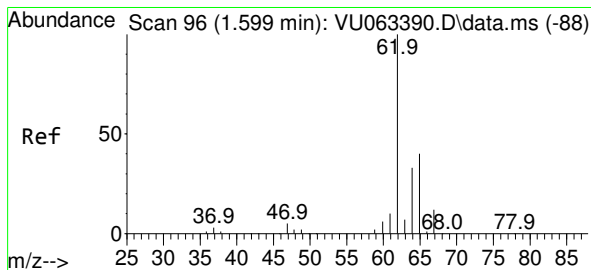
Tgt Ion: 85 Resp: 3342
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 2.570 ug/L
RT: 1.522 min Scan# 72
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion: 50 Resp: 3879
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.0





#5

Vinyl chloride

Concen: 2.894 ug/L

RT: 1.596 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU063393.D

Acq: 12 Jun 2025 11:43

Instrument :

MSVOA_U

ClientSampleId :

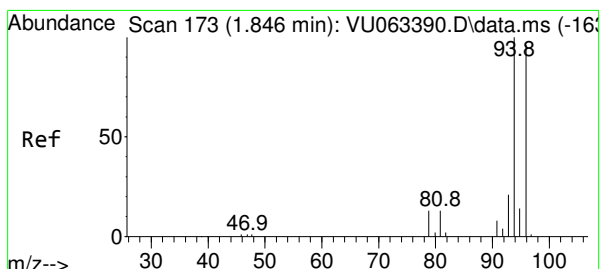
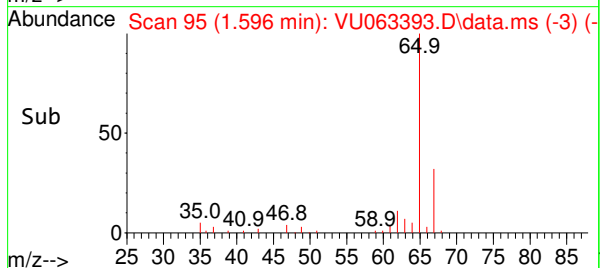
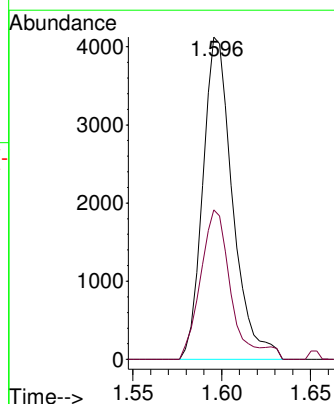
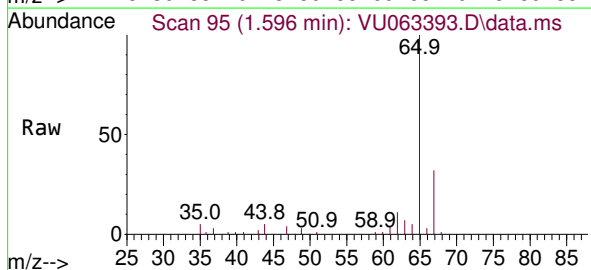
MDL-WATER-QT2-2025-04

Tgt Ion: 62 Resp: 4805

Ion Ratio Lower Upper

62 100

64 46.4 23.2 43.2#



#6

Bromomethane

Concen: 2.678 ug/L

RT: 1.846 min Scan# 173

Delta R.T. 0.000 min

Lab File: VU063393.D

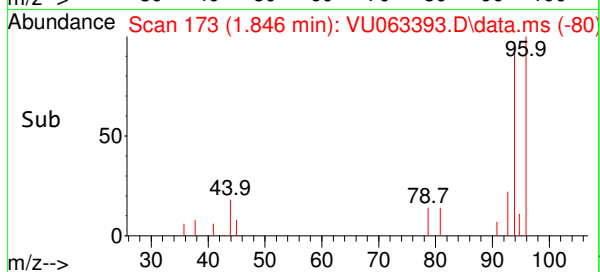
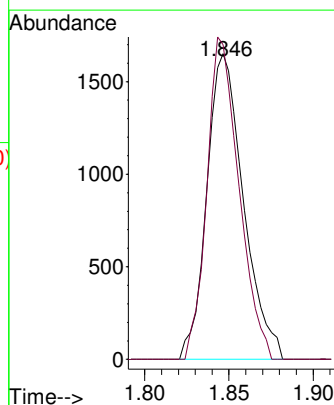
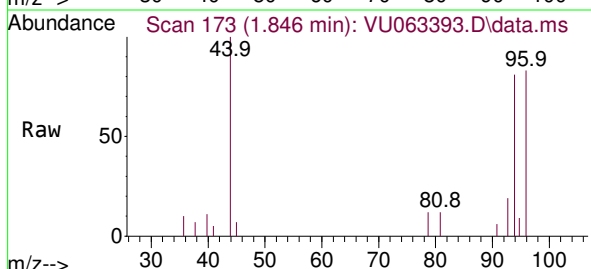
Acq: 12 Jun 2025 11:43

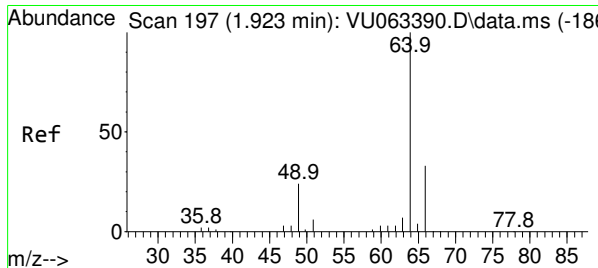
Tgt Ion: 94 Resp: 2502

Ion Ratio Lower Upper

94 100

96 92.7 65.2 121.2

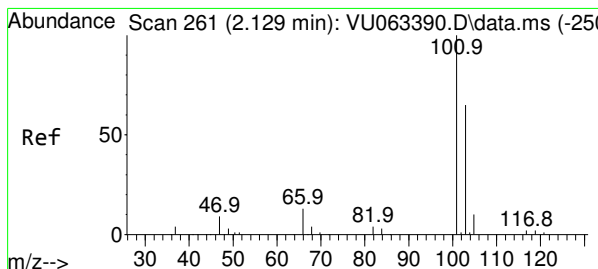
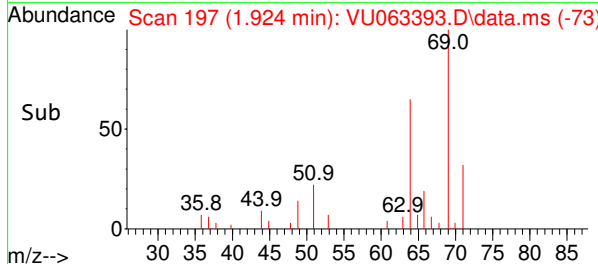
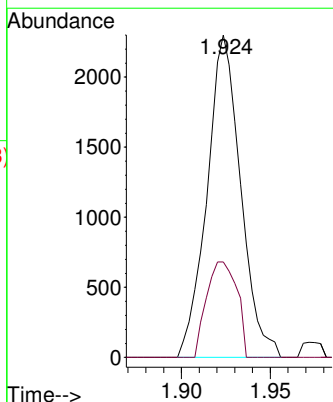
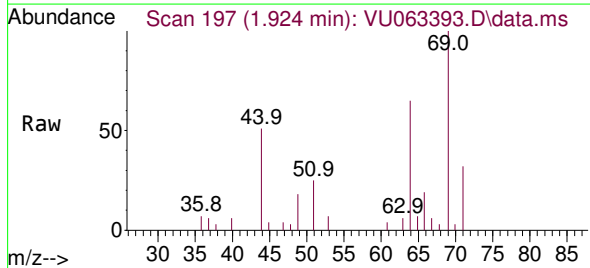




#8
Chloroethane
Concen: 2.904 ug/L
RT: 1.924 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

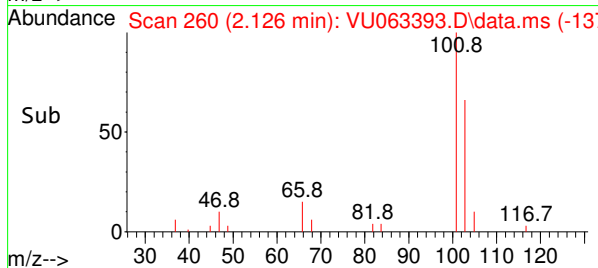
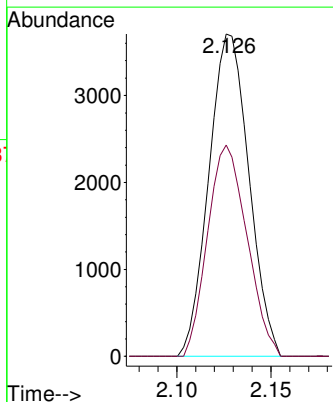
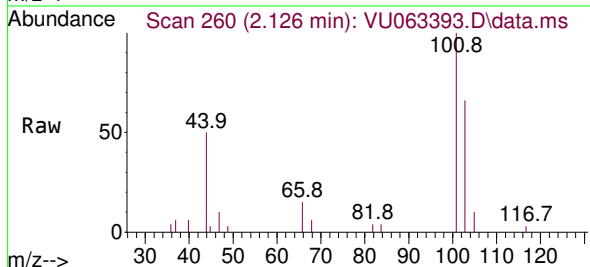
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

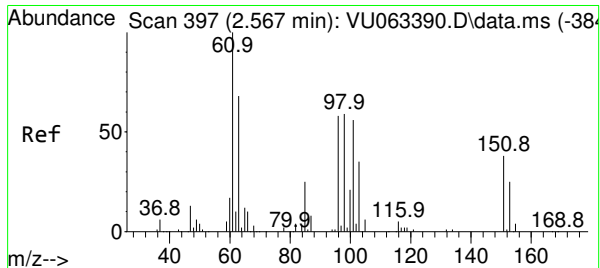
Tgt Ion: 64 Resp: 3017
Ion Ratio Lower Upper
64 100
66 38.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 2.813 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion:101 Resp: 5499
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8

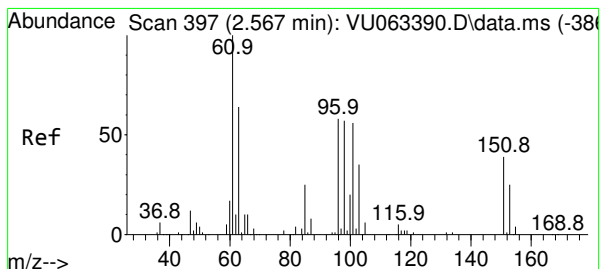
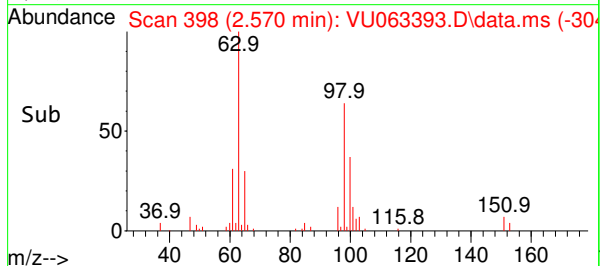
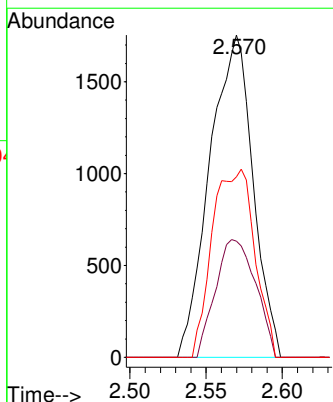
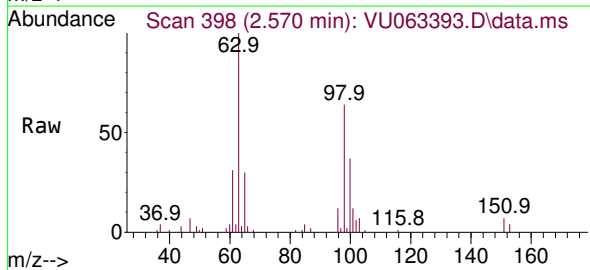




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.964 ug/L
 RT: 2.570 min Scan# 3
 Delta R.T. 0.003 min
 Lab File: VU063393.D
 Acq: 12 Jun 2025 11:43

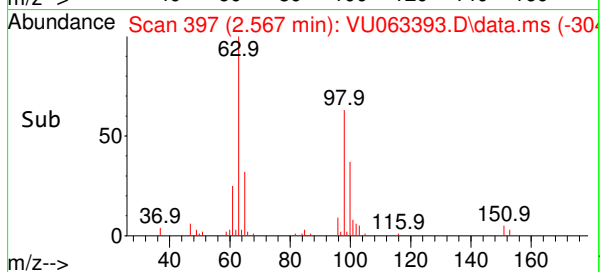
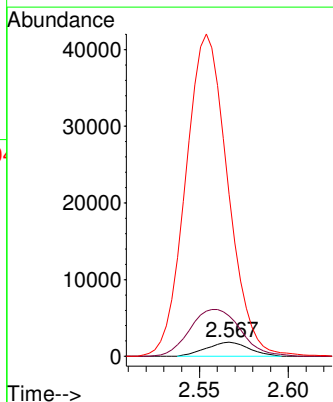
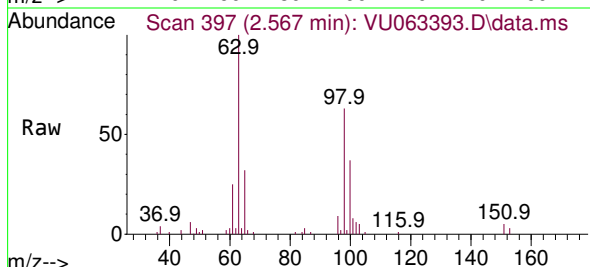
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2025-04

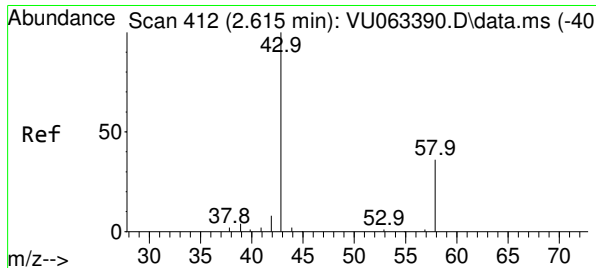
Tgt Ion: 101 Resp: 3453
 Ion Ratio Lower Upper
 101 100
 85 34.0 36.5 54.7#
 151 29.3 57.4 86.0#



#12
 1,1-Dichloroethene
 Concen: 2.990 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063393.D
 Acq: 12 Jun 2025 11:43

Tgt Ion: 96 Resp: 3100
 Ion Ratio Lower Upper
 96 100
 61 284.4 121.9 226.5#
 63 1139.2 93.2 173.0#

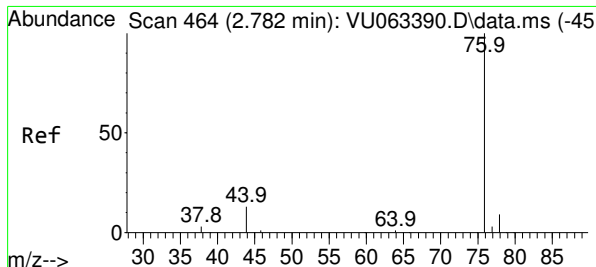
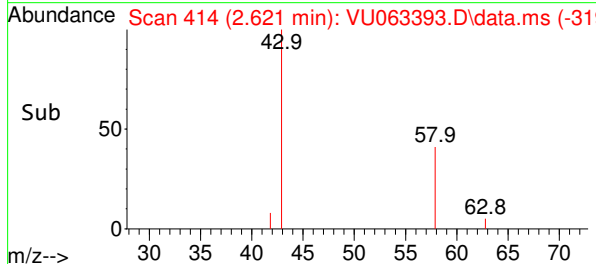
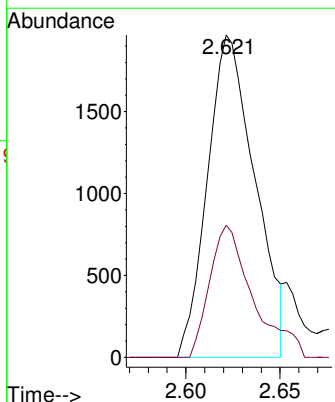
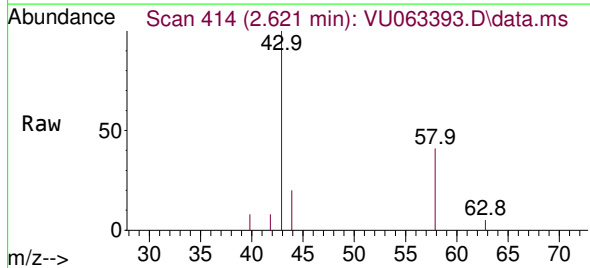




#13
Acetone
Concen: 4.995 ug/L
RT: 2.621 min Scan# 414
Delta R.T. 0.007 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

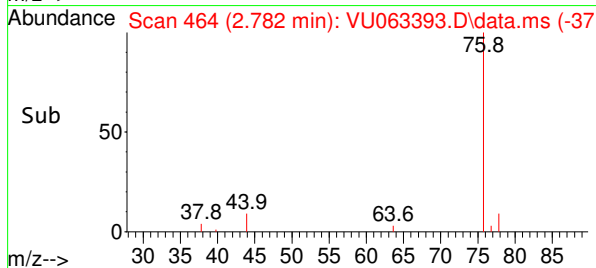
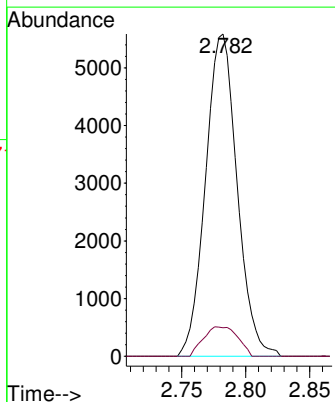
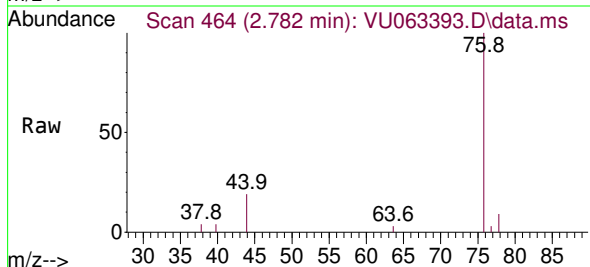
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

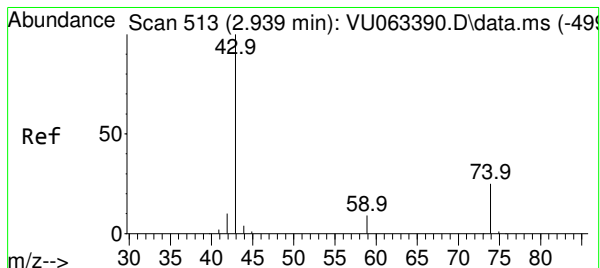
Tgt Ion: 43 Resp: 3449
Ion Ratio Lower Upper
43 100
58 37.3 0.0 68.4



#14
Carbon disulfide
Concen: 2.804 ug/L
RT: 2.782 min Scan# 464
Delta R.T. 0.000 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion: 76 Resp: 9600
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2





#15

Methyl Acetate

Concen: 2.371 ug/L

RT: 2.952 min Scan# 513

Delta R.T. 0.013 min

Lab File: VU063393.D

Acq: 12 Jun 2025 11:43

Instrument :

MSVOA_U

ClientSampleId :

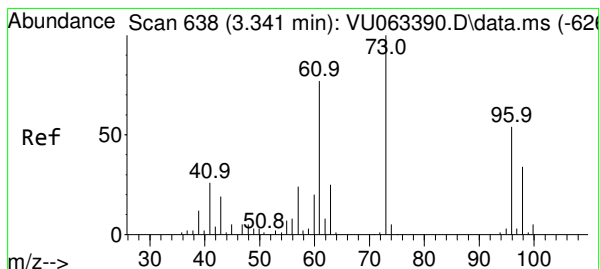
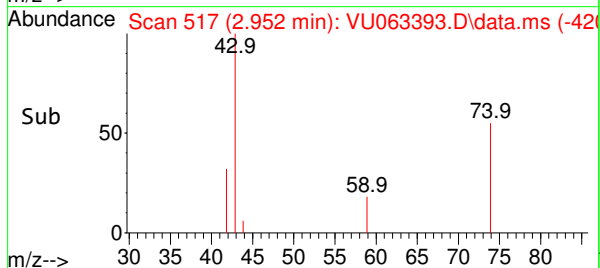
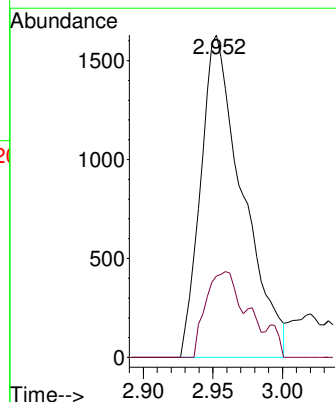
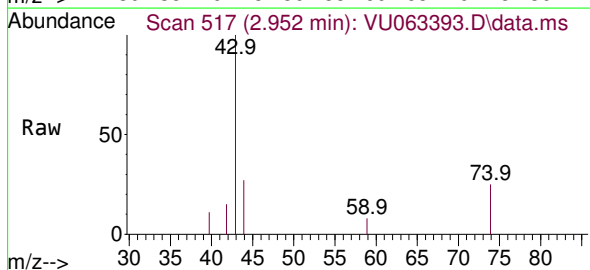
MDL-WATER-QT2-2025-04

Tgt Ion: 43 Resp: 3396

Ion Ratio Lower Upper

43 100

74 20.4 0.0 0.0#



#17

trans-1,2-Dichloroethene

Concen: 2.618 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.003 min

Lab File: VU063393.D

Acq: 12 Jun 2025 11:43

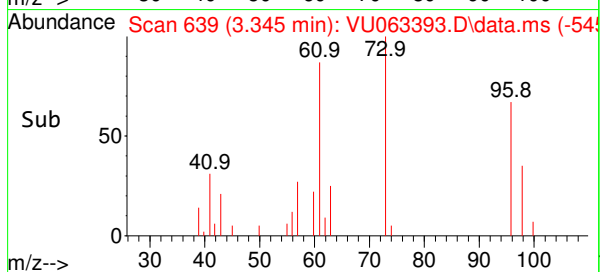
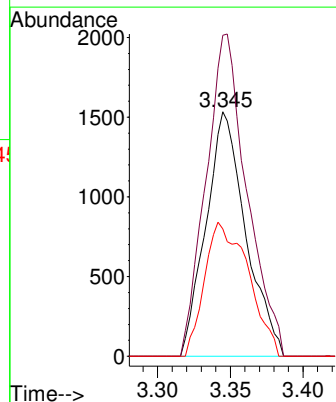
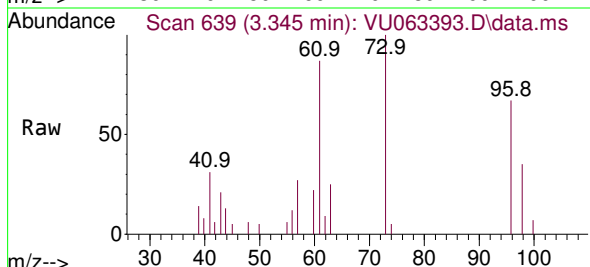
Tgt Ion: 96 Resp: 2917

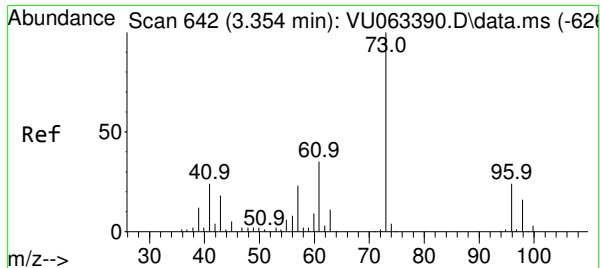
Ion Ratio Lower Upper

96 100

61 131.3 100.1 185.9

98 52.1 44.2 82.0

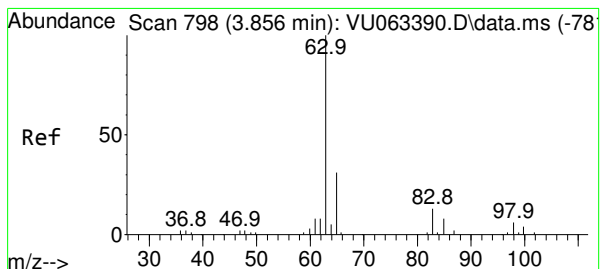
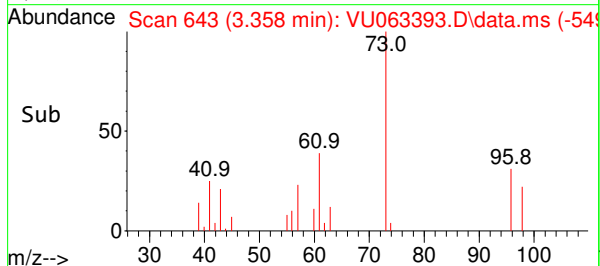
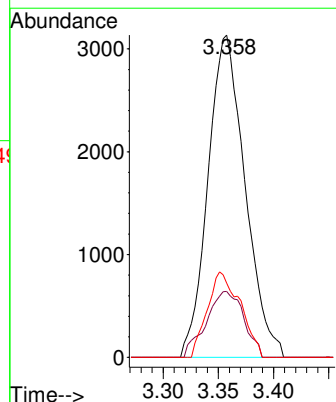
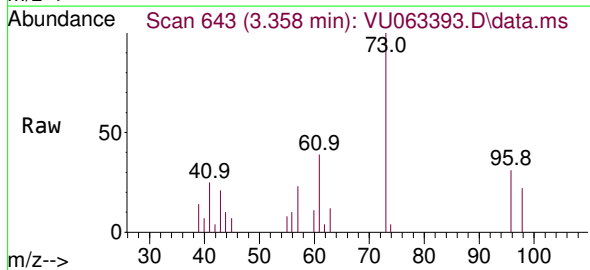




#18
Methyl tert-butyl Ether
Concen: 2.186 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

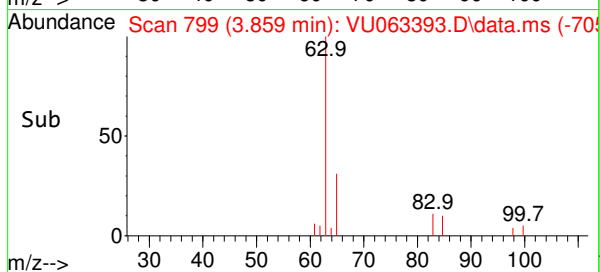
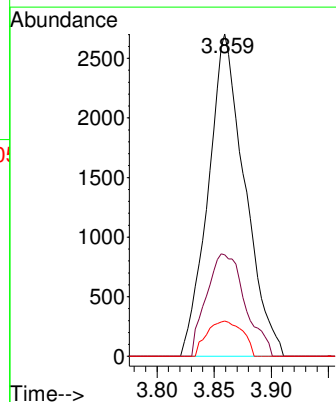
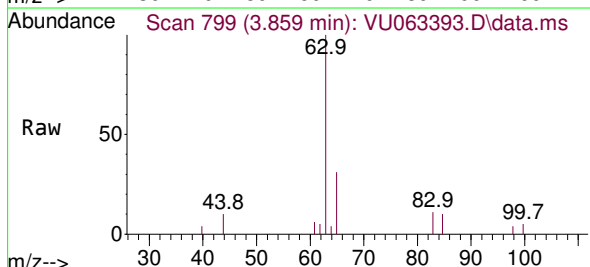
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

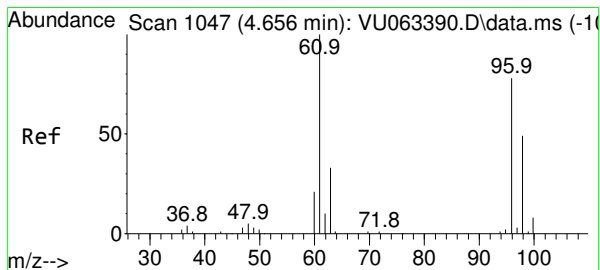
Tgt Ion:	73	Resp:	7306
Ion	Ratio	Lower	Upper
73	100		
43	20.8	15.4	23.2
57	23.7	18.3	27.5



#19
1,1-Dichloroethane
Concen: 2.577 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion:	63	Resp:	6012
Ion	Ratio	Lower	Upper
63	100		
65	31.5	21.9	40.7
83	10.9	9.0	16.6

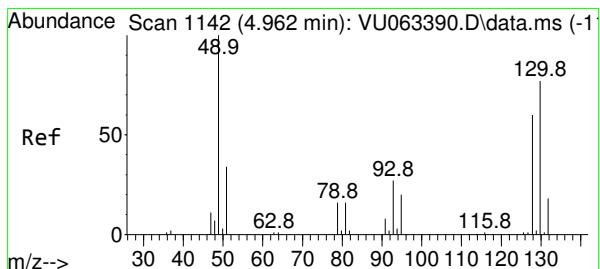
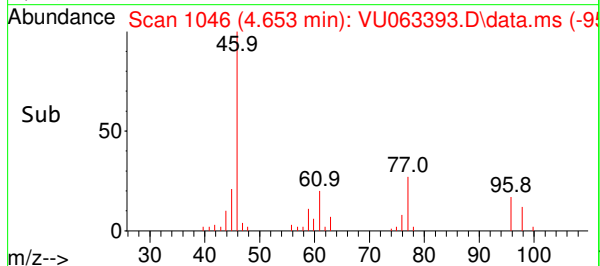
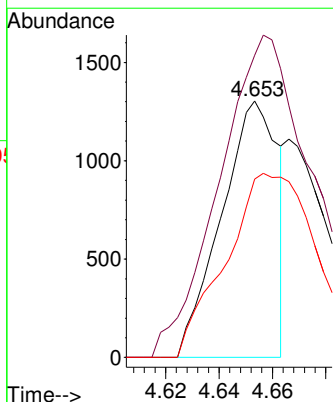
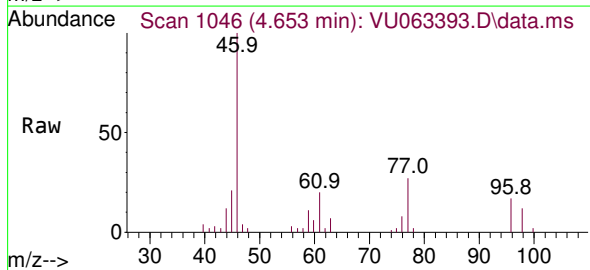




#20
cis-1,2-Dichloroethene
Concen: 1.510 ug/L
RT: 4.653 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

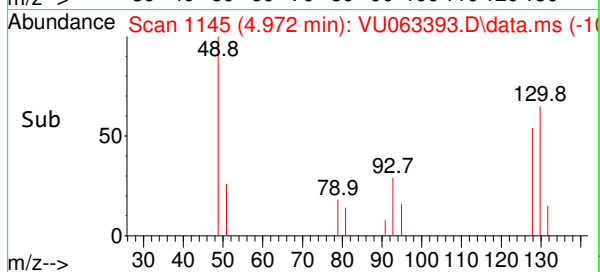
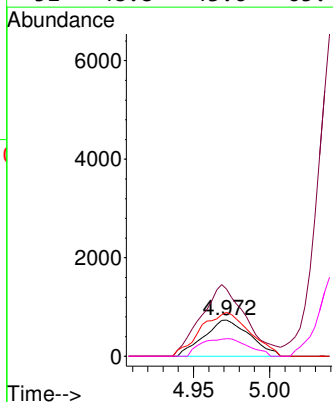
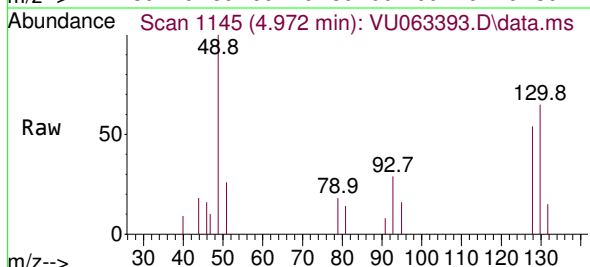
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

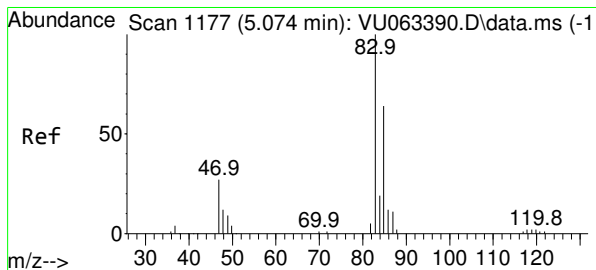
Tgt Ion:	96	Resp:	1913
Ion	Ratio	Lower	Upper
96	100		
61	117.9	91.6	170.0
98	69.6	44.0	81.8



#23
Bromochloromethane
Concen: 2.279 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.010 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion:	128	Resp:	1543
Ion	Ratio	Lower	Upper
128	100		
49	184.7	118.2	219.6
130	120.7	89.2	165.8
51	48.8	43.6	65.4

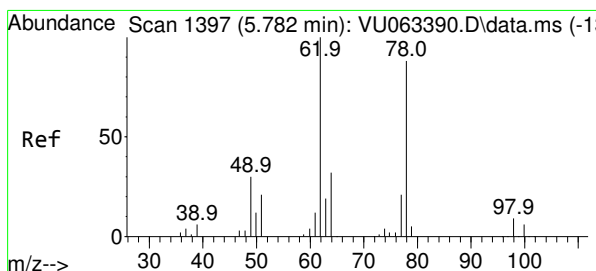
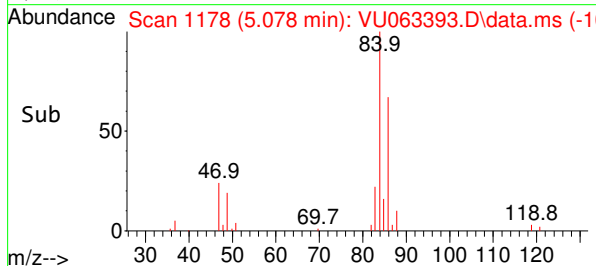
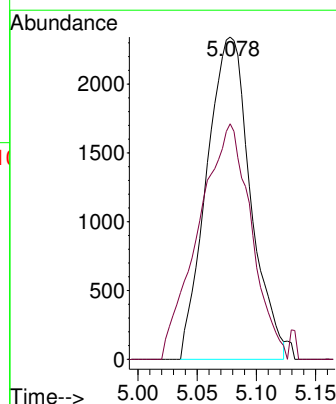
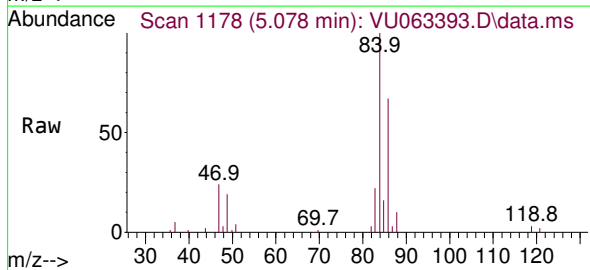




#25
Chloroform
Concen: 2.588 ug/L
RT: 5.078 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

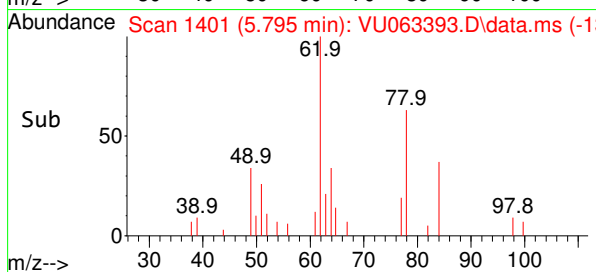
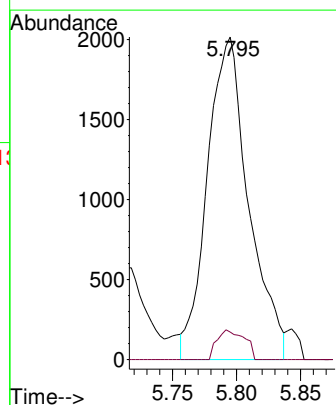
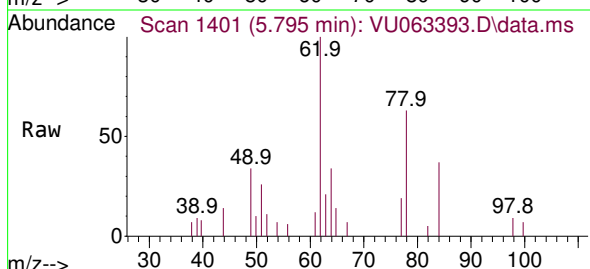
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

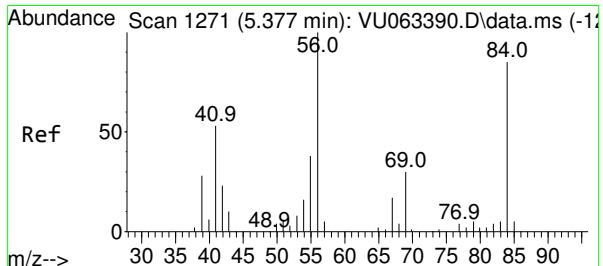
Tgt Ion: 83 Resp: 6021
Ion Ratio Lower Upper
83 100
85 73.0 45.9 85.3



#27
1,2-Dichloroethane
Concen: 2.478 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.013 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion: 62 Resp: 4523
Ion Ratio Lower Upper
62 100
98 8.5 7.5 11.3

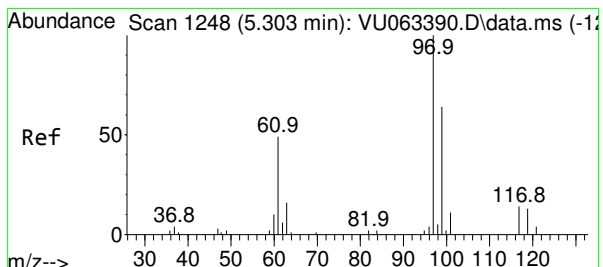
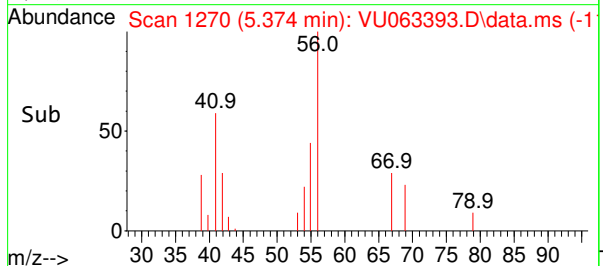
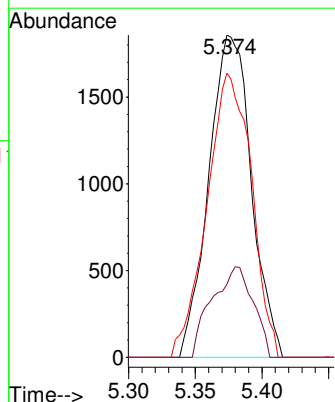
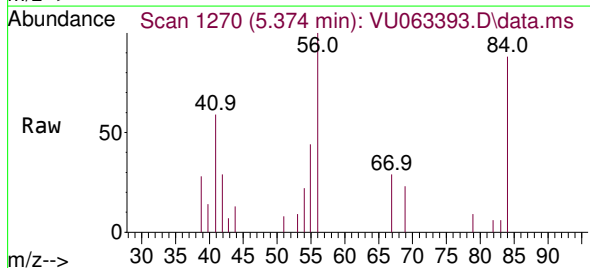




#29
Cyclohexane
Concen: 2.145 ug/L
RT: 5.374 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

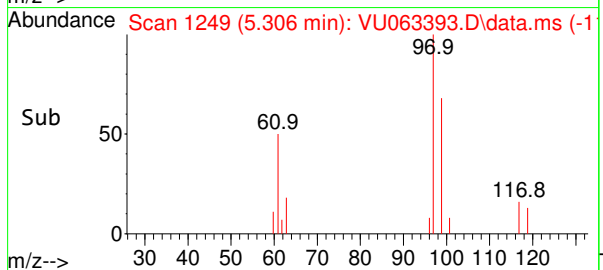
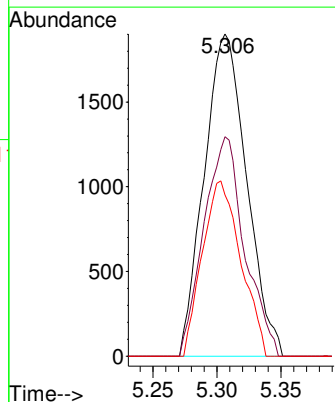
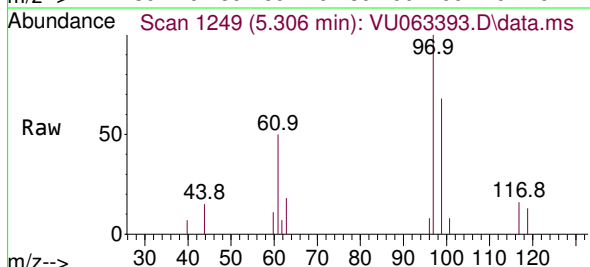
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

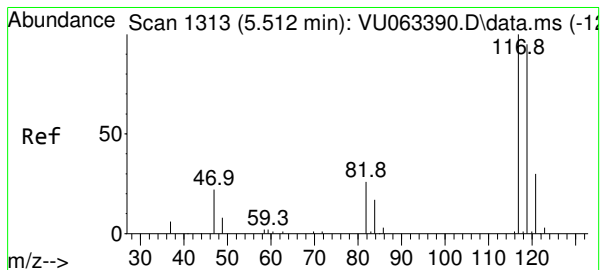
Tgt Ion:	56	Resp:	4124
Ion	Ratio	Lower	Upper
56	100		
69	27.1	24.2	36.4
84	92.0	67.2	100.8



#30
1,1,1-Trichloroethane
Concen: 2.398 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion:	97	Resp:	4388
Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.1	78.1
61	49.2	38.6	57.8

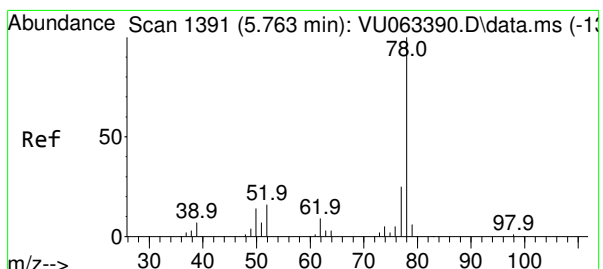
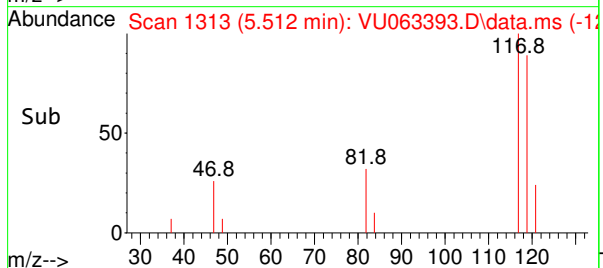
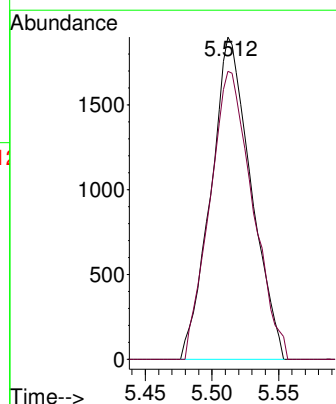
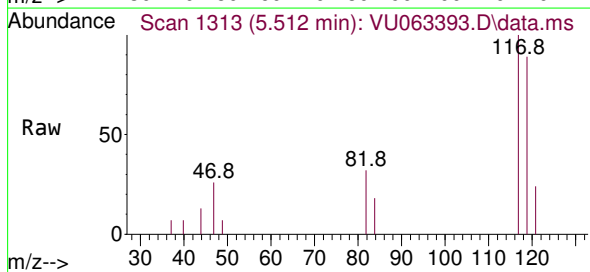




#31
Carbon tetrachloride
Concen: 2.582 ug/L
RT: 5.512 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

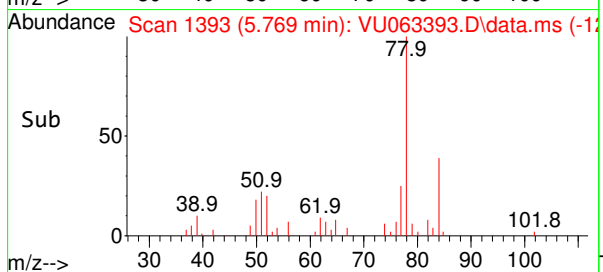
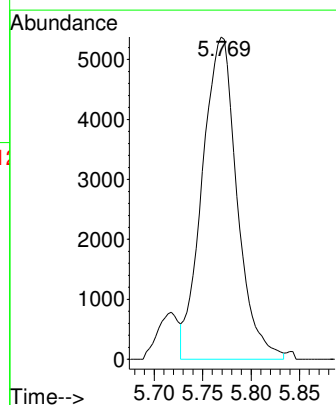
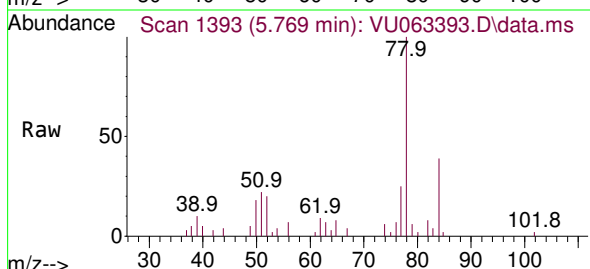
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

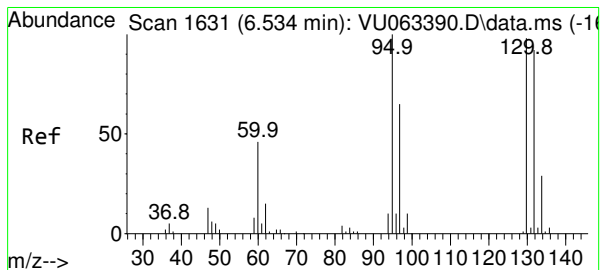
Tgt Ion:117 Resp: 3972
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5



#33
Benzene
Concen: 2.663 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.007 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion: 78 Resp: 13410

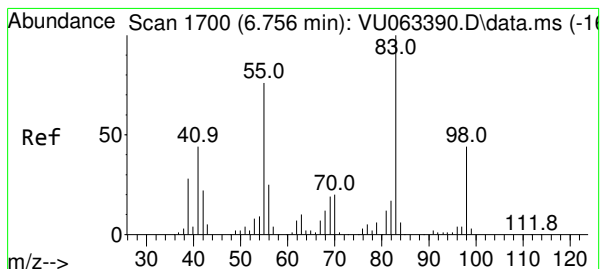
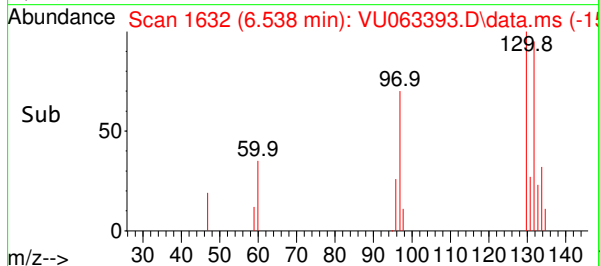
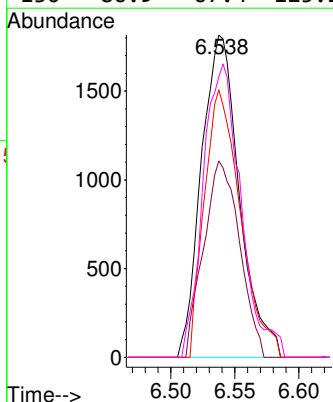
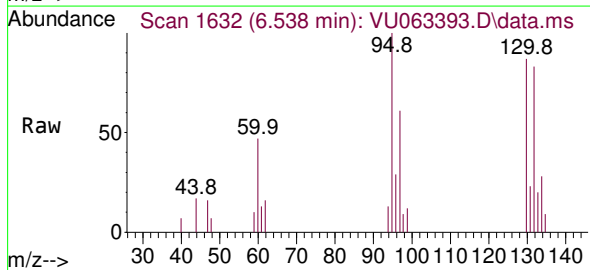




#34
Trichloroethene
Concen: 2.891 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

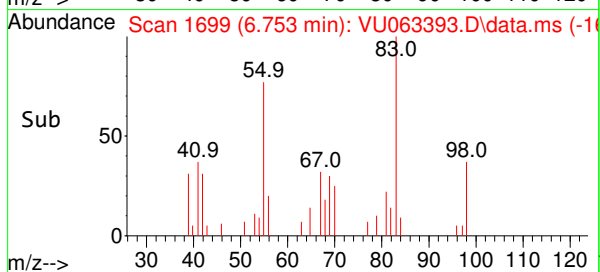
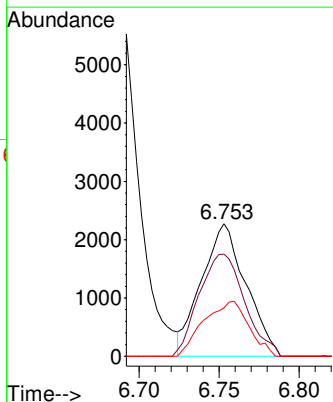
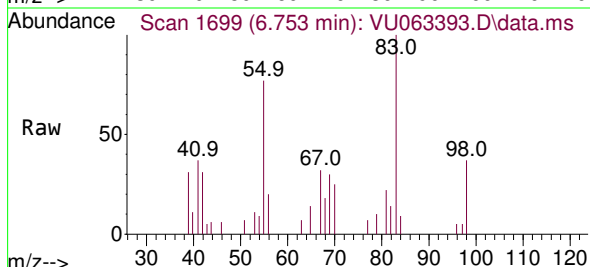
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

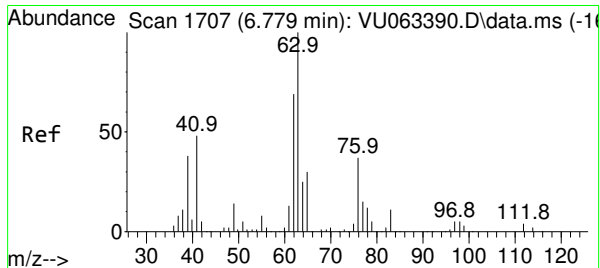
Tgt Ion:	95	Resp:	3742
Ion	Ratio	Lower	Upper
95	100		
97	70.1	44.6	82.8
132	82.9	65.3	121.3
130	86.9	67.4	125.2



#35
Methylcyclohexane
Concen: 2.289 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion:	83	Resp:	4383
Ion	Ratio	Lower	Upper
83	100		
55	79.3	63.4	95.2
98	42.2	35.2	52.8

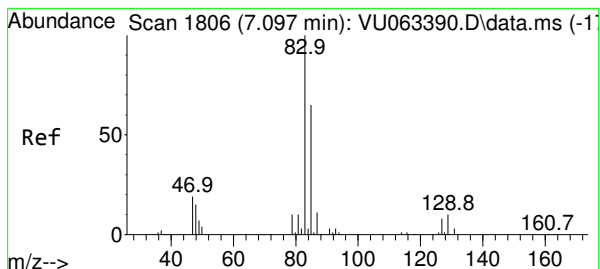
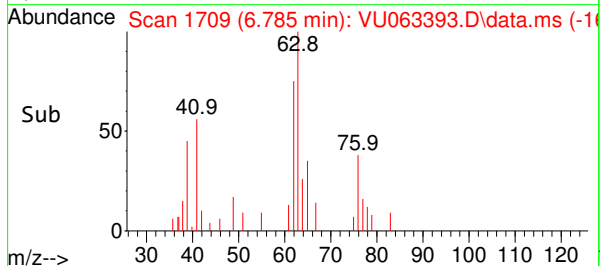
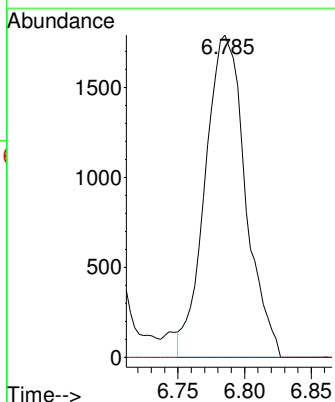
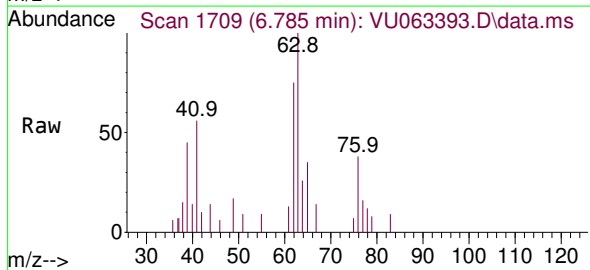




#37
1,2-Dichloropropane
Concen: 2.516 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

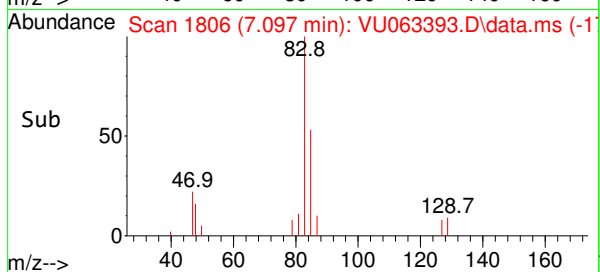
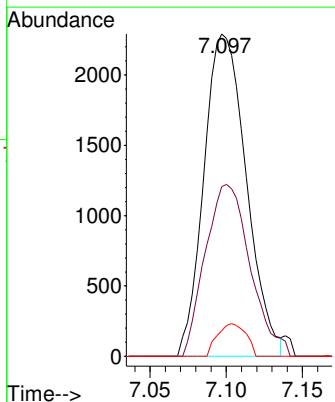
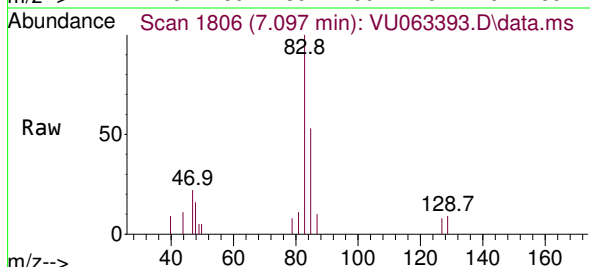
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

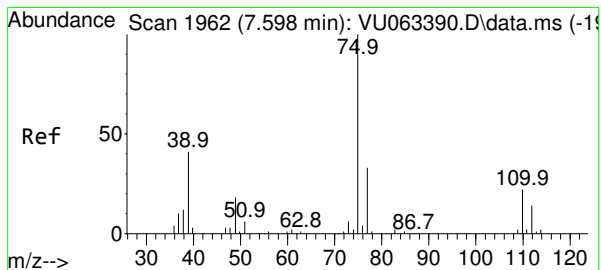
Tgt Ion: 63 Resp: 3758
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



#38
Bromodichloromethane
Concen: 2.518 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion: 83 Resp: 4435
Ion Ratio Lower Upper
83 100
85 52.6 45.3 84.1
127 8.0 6.0 9.0

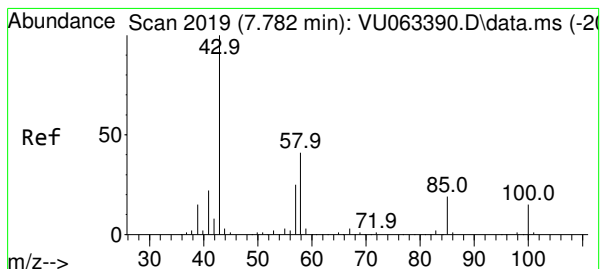
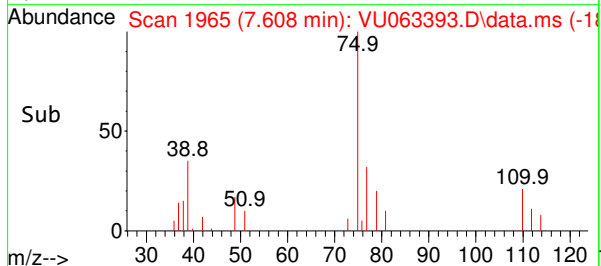
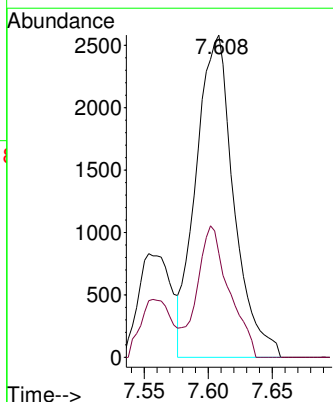
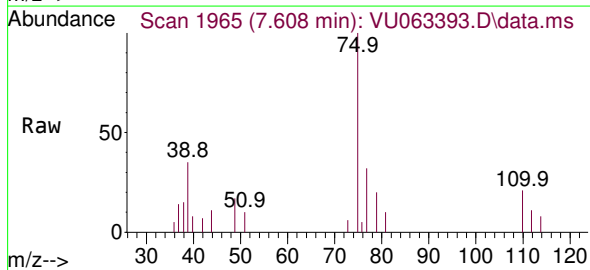




#39
 cis-1,3-Dichloropropene
 Concen: 2.617 ug/L
 RT: 7.608 min Scan# 1
 Delta R.T. 0.010 min
 Lab File: VU063393.D
 Acq: 12 Jun 2025 11:43

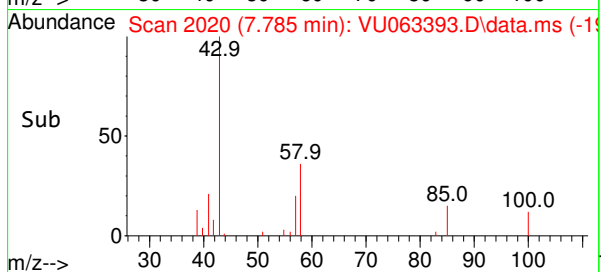
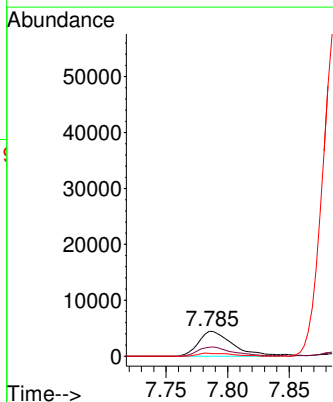
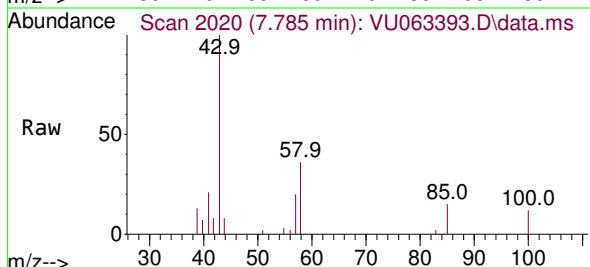
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT2-2025-04

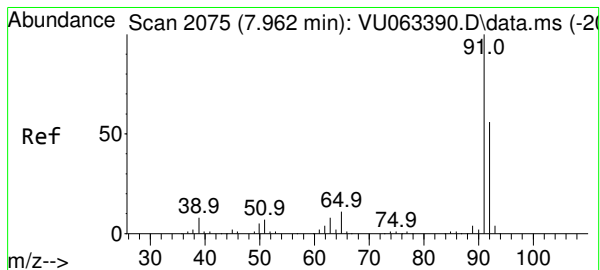
Tgt Ion: 75 Resp: 5298
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 4.733 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU063393.D
 Acq: 12 Jun 2025 11:43

Tgt Ion: 43 Resp: 8768
 Ion Ratio Lower Upper
 43 100
 58 37.4 33.0 49.6
 100 6.9 11.9 17.9#





#42

Toluene

Concen: 2.267 ug/L

RT: 7.965 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063393.D

Acq: 12 Jun 2025 11:43

Instrument :

MSVOA_U

ClientSampleId :

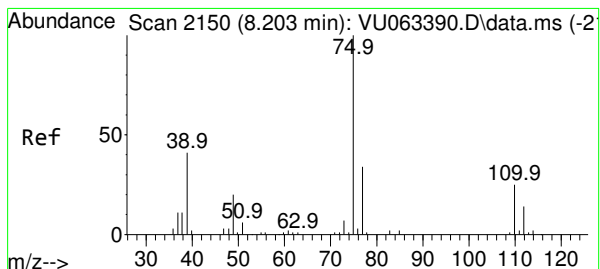
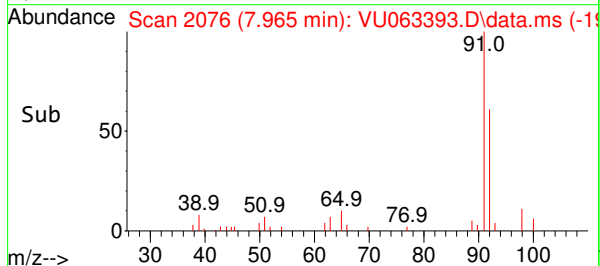
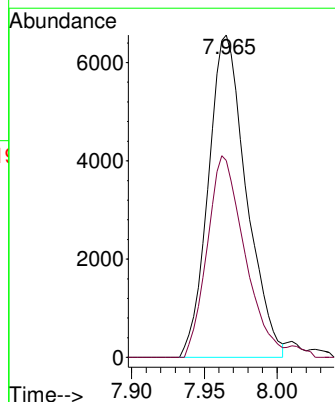
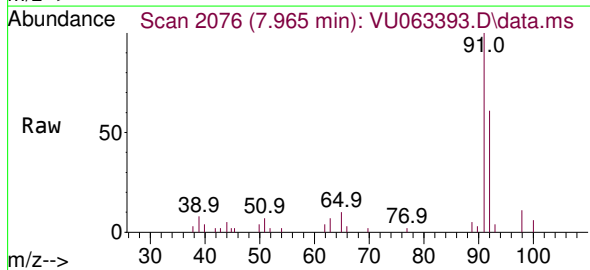
MDL-WATER-QT2-2025-04

Tgt Ion: 91 Resp: 11927

Ion Ratio Lower Upper

91 100

92 61.1 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 3.120 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063393.D

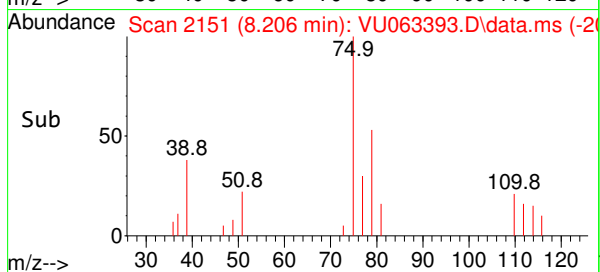
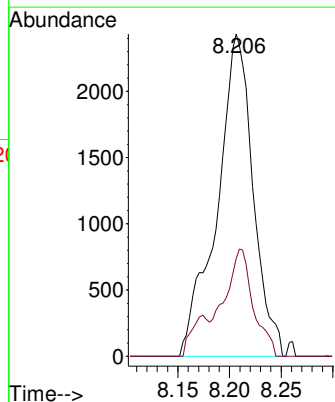
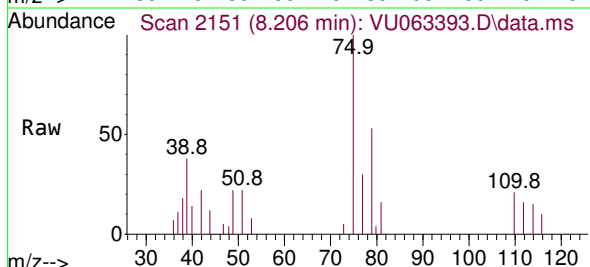
Acq: 12 Jun 2025 11:43

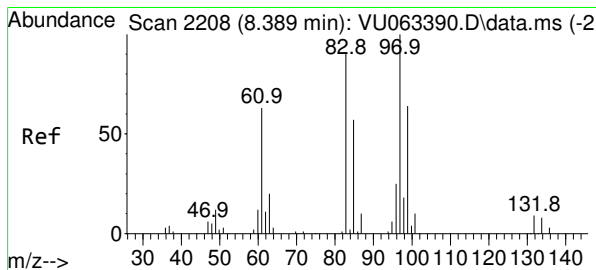
Tgt Ion: 75 Resp: 5911

Ion Ratio Lower Upper

75 100

77 30.3 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 2.539 ug/L

RT: 8.396 min Scan# 2

Delta R.T. 0.007 min

Lab File: VU063393.D

Acq: 12 Jun 2025 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2025-04

Tgt Ion: 97 Resp: 3471

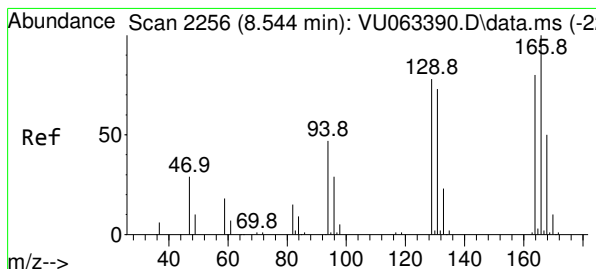
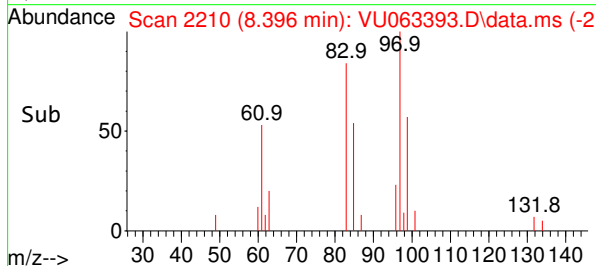
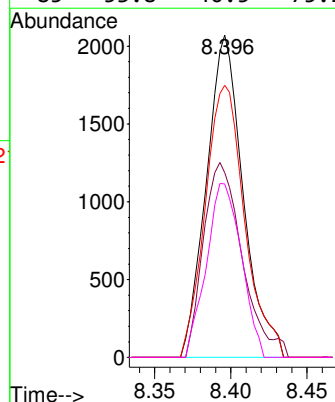
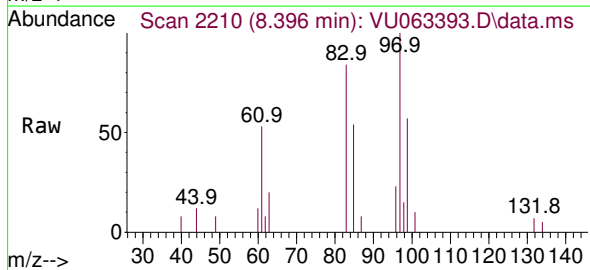
Ion Ratio Lower Upper

97 100

99 57.3 44.4 82.4

83 84.4 63.3 117.5

85 53.8 40.5 75.1



#46

Tetrachloroethene

Concen: 2.700 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.007 min

Lab File: VU063393.D

Acq: 12 Jun 2025 11:43

Tgt Ion:164 Resp: 2583

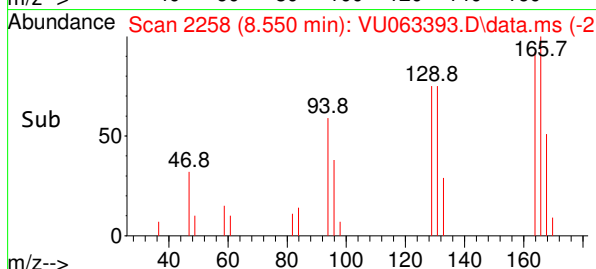
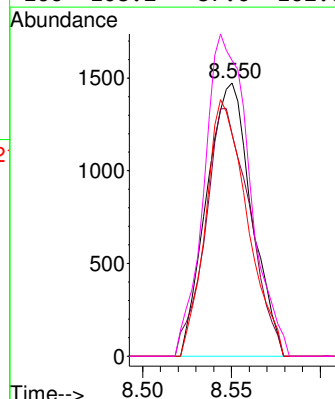
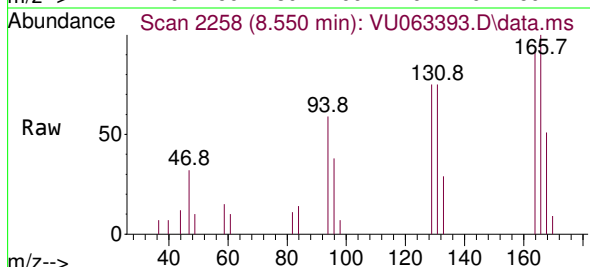
Ion Ratio Lower Upper

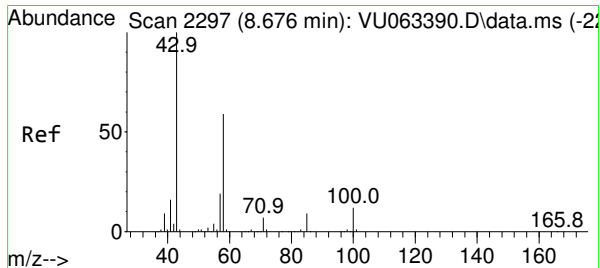
164 100

129 81.3 67.8 125.8

131 81.1 64.3 119.5

166 108.2 87.6 162.6

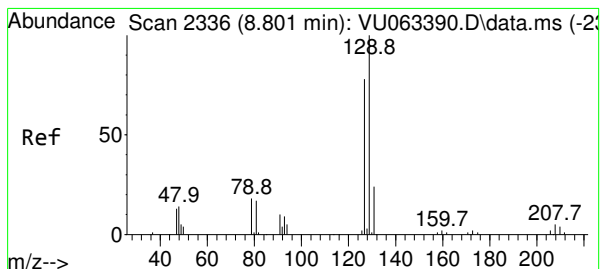
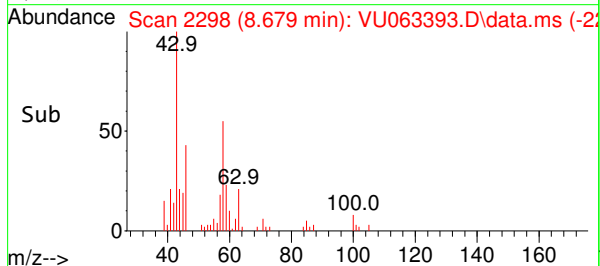
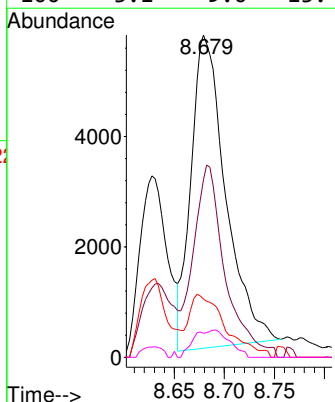
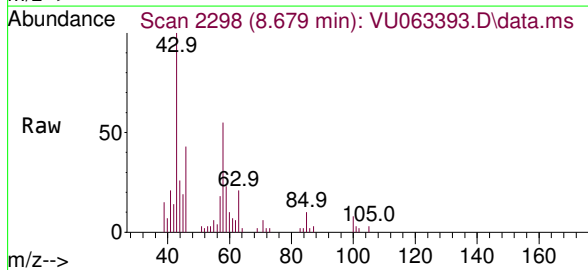




#48
2-Hexanone
Concen: 9.424 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

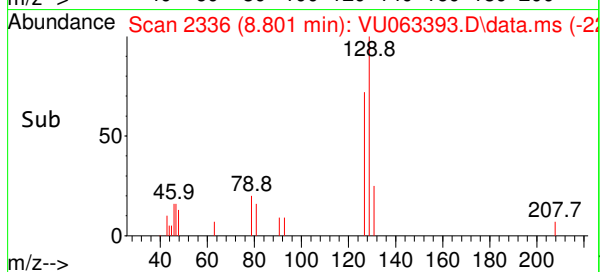
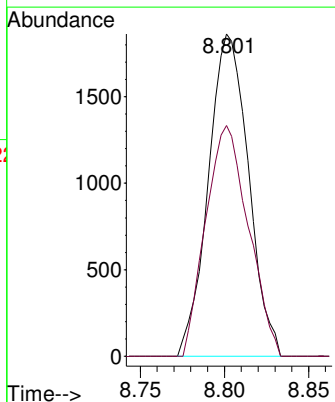
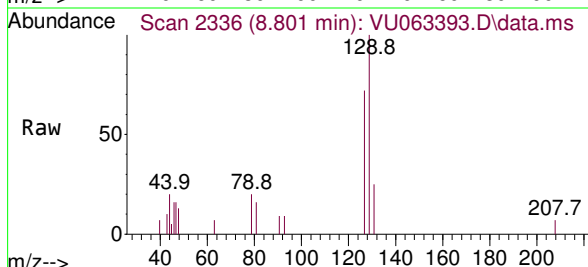
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

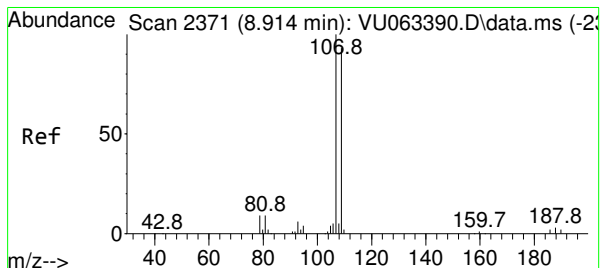
Tgt Ion:	43	Resp:	13616
Ion	Ratio	Lower	Upper
43	100		
58	55.3	46.6	69.8
57	20.7	15.8	23.6
100	3.1	9.0	13.4



#49
Dibromochloromethane
Concen: 2.381 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion:	129	Resp:	3089
Ion	Ratio	Lower	Upper
129	100		
127	71.6	54.0	100.4





#50

1,2-Dibromoethane

Concen: 2.700 ug/L

RT: 8.920 min Scan# 2

Delta R.T. 0.007 min

Lab File: VU063393.D

Acq: 12 Jun 2025 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2025-04

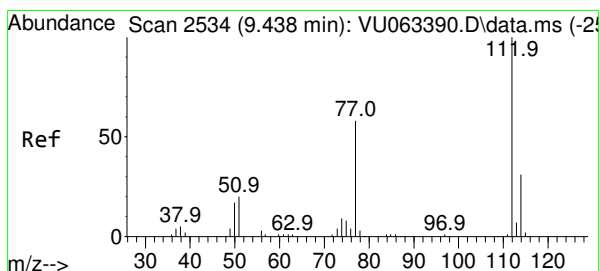
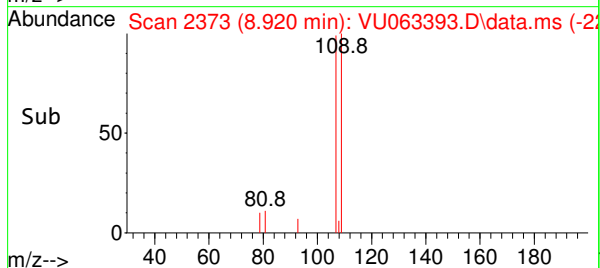
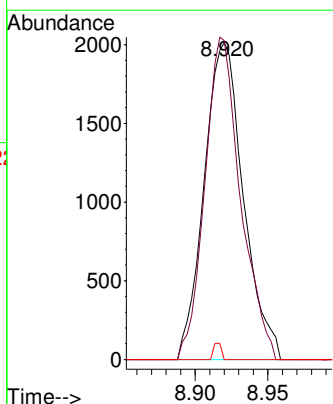
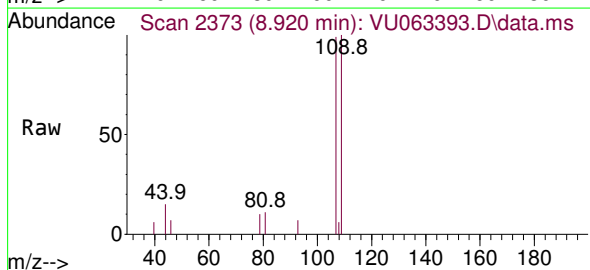
Tgt Ion:107 Resp: 3771

Ion Ratio Lower Upper

107 100

109 100.6 65.2 121.0

188 0.0 2.5 3.7#



#51

Chlorobenzene

Concen: 2.493 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063393.D

Acq: 12 Jun 2025 11:43

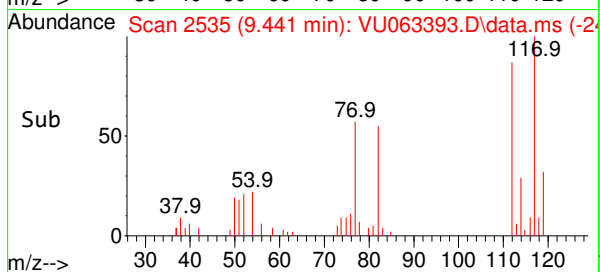
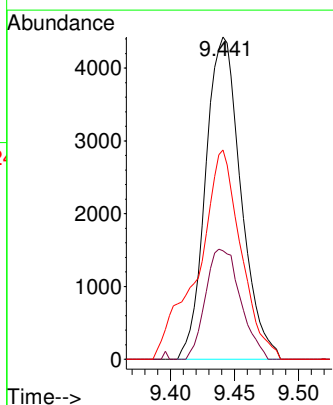
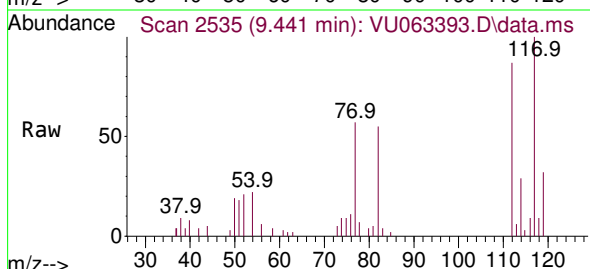
Tgt Ion:112 Resp: 8503

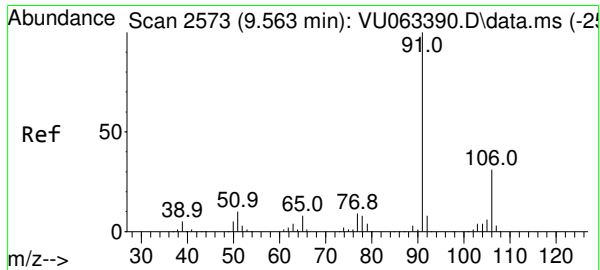
Ion Ratio Lower Upper

112 100

114 37.2 22.3 41.5

77 73.5 48.7 73.1#

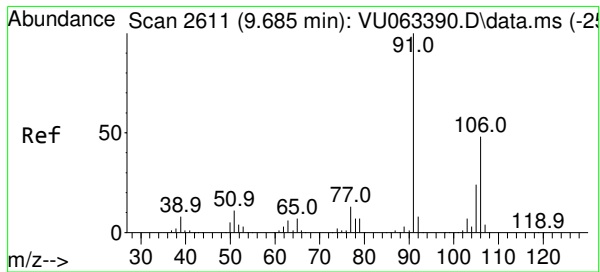
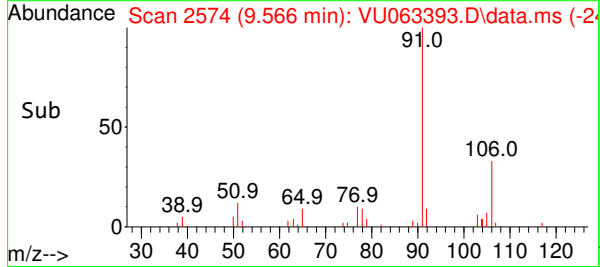
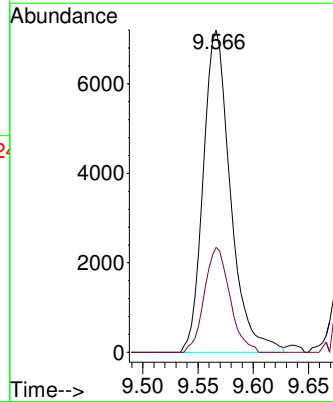
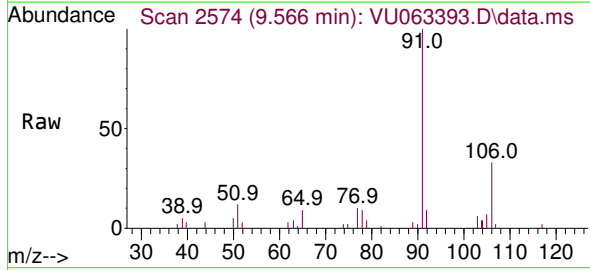




#52
Ethylbenzene
Concen: 2.250 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

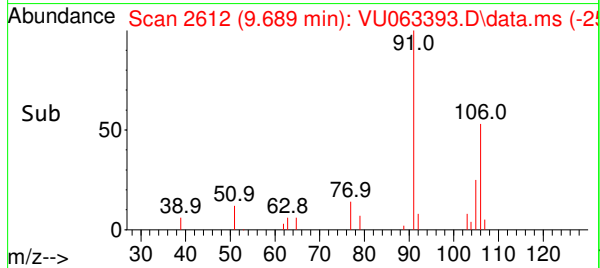
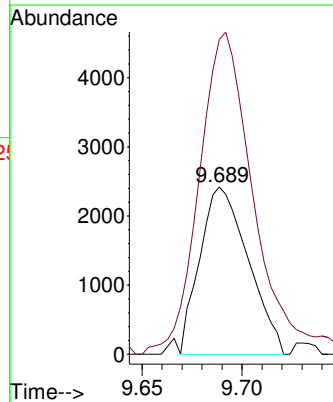
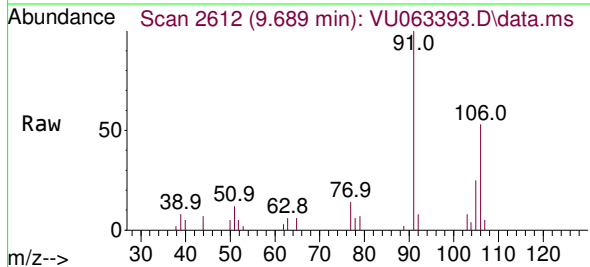
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

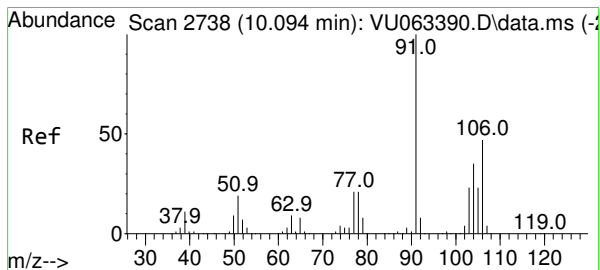
Tgt Ion: 91 Resp: 12395
Ion Ratio Lower Upper
91 100
106 34.8 21.5 39.9



#53
m,p-Xylene
Concen: 1.997 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion: 106 Resp: 4070
Ion Ratio Lower Upper
106 100
91 172.8 147.3 273.6

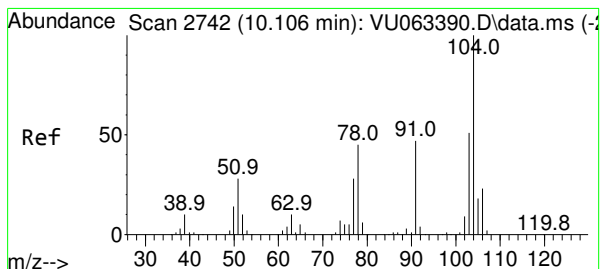
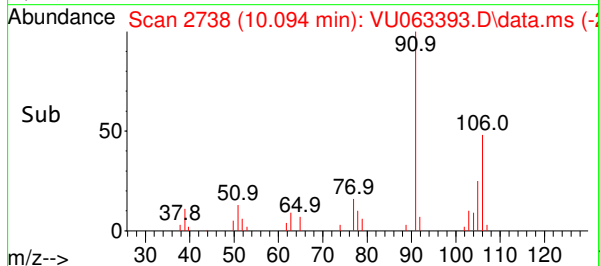
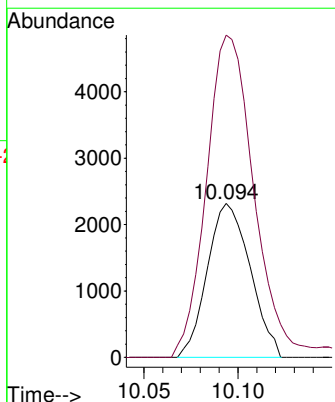
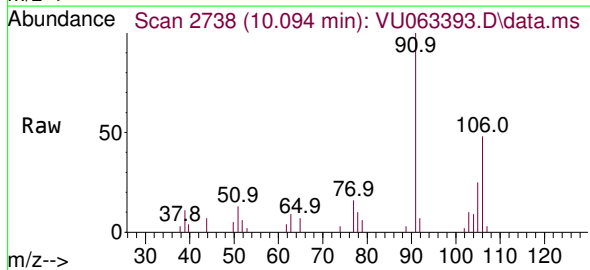




#54
o-Xylene
Concen: 1.890 ug/L
RT: 10.094 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

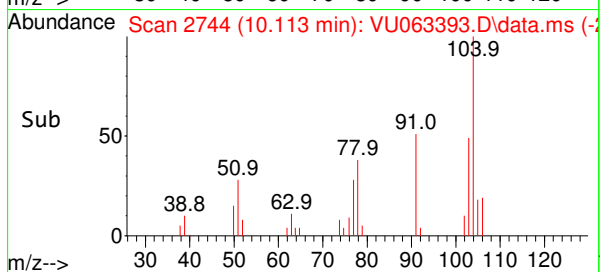
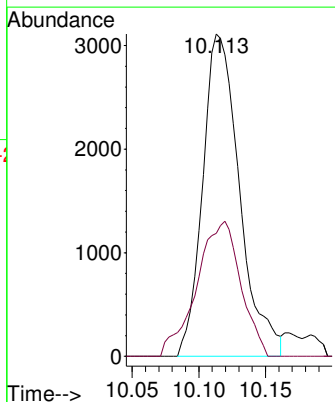
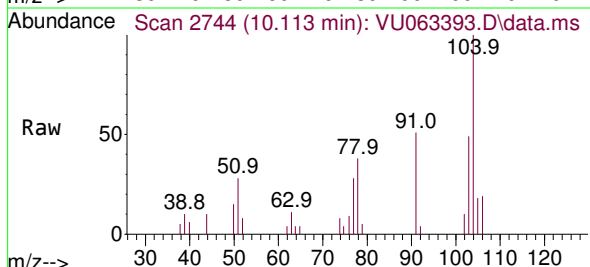
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

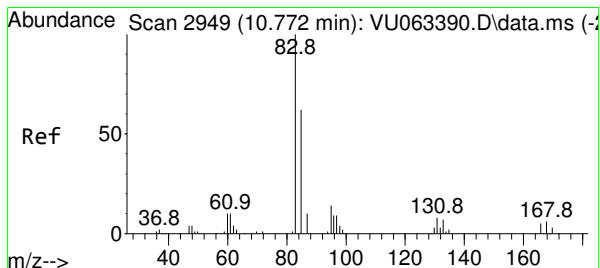
Tgt Ion:106 Resp: 3672
Ion Ratio Lower Upper
106 100
91 209.6 156.7 291.1



#55
Styrene
Concen: 1.792 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion:104 Resp: 5977
Ion Ratio Lower Upper
104 100
78 38.2 32.4 60.2

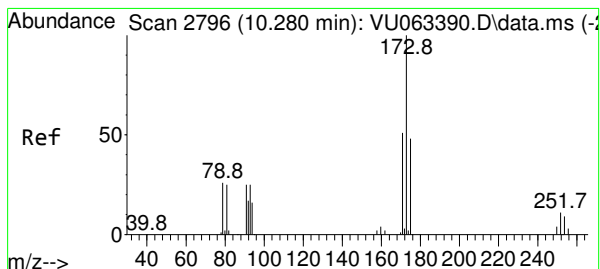
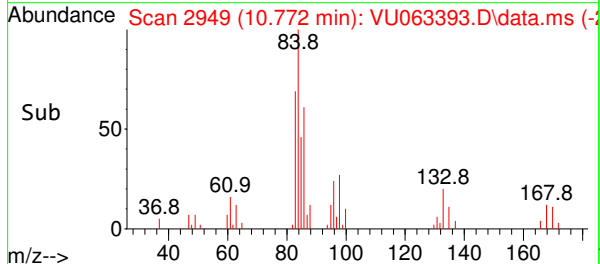
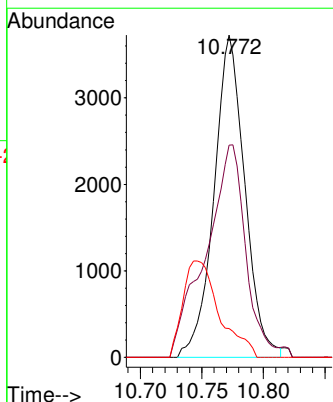
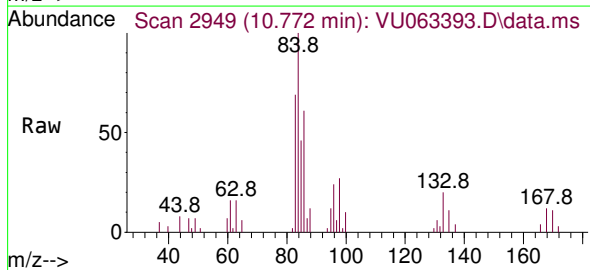




#57
1,1,2,2-Tetrachloroethane
Concen: 2.652 ug/L
RT: 10.772 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

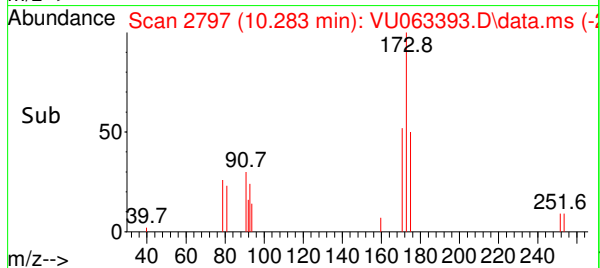
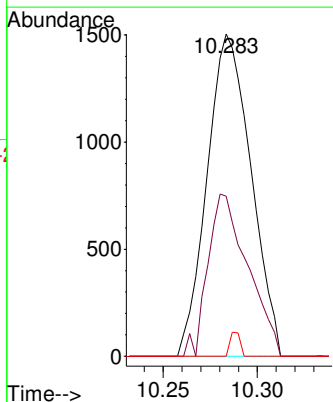
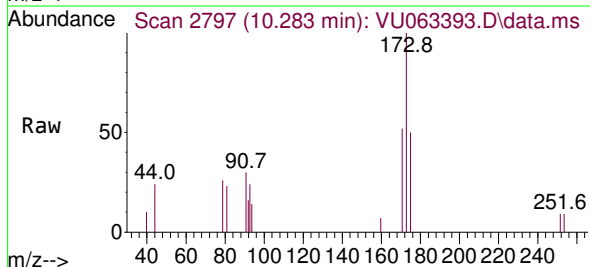
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

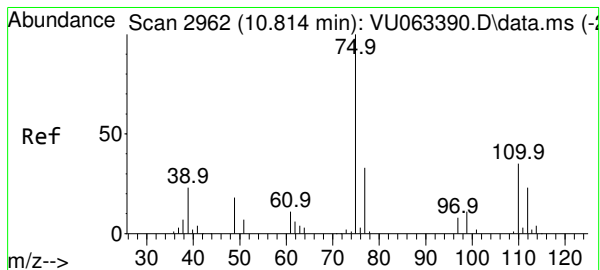
Tgt Ion: 83 Resp: 6479
Ion Ratio Lower Upper
83 100
85 65.9 45.6 84.8
131 13.0 7.1 10.7#



#59
Bromoform
Concen: 2.779 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion:173 Resp: 2440
Ion Ratio Lower Upper
173 100
175 45.0 38.6 57.8
254 1.8 7.8 11.6#

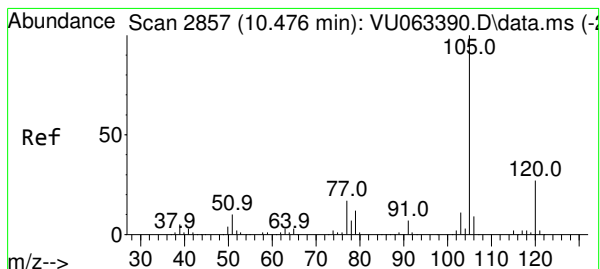
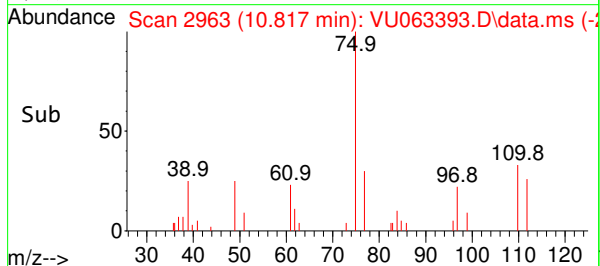
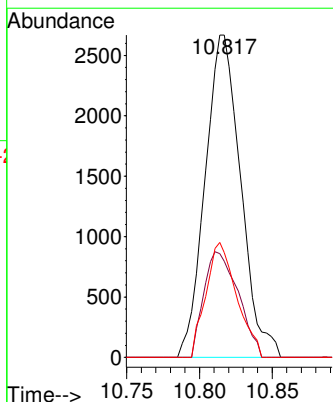
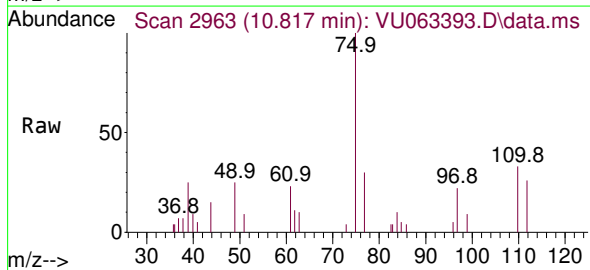




#60
1,2,3-Trichloropropane
Concen: 2.849 ug/L
RT: 10.817 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

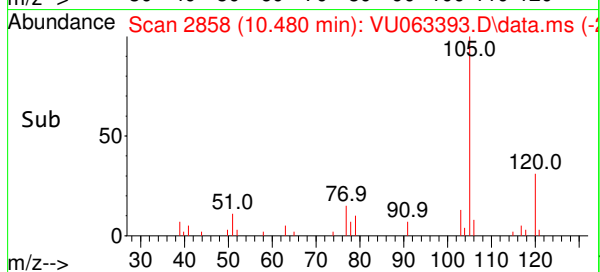
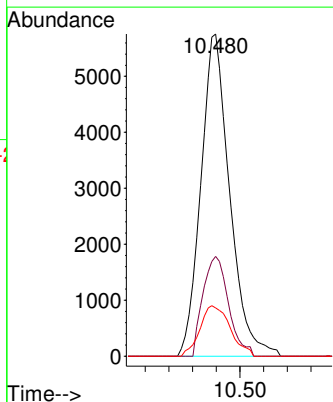
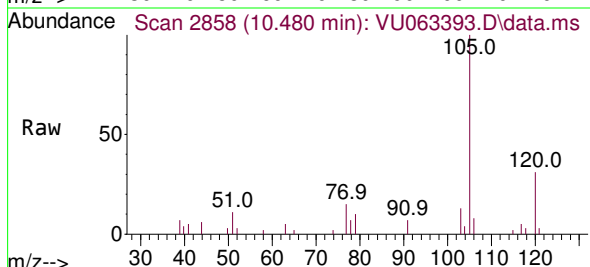
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

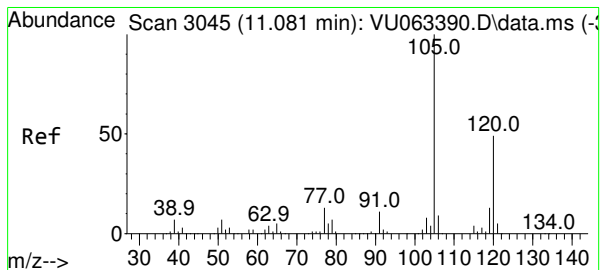
Tgt Ion:	75	Resp:	4534
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.9	38.9
110	30.9	27.8	41.8



#61
Isopropylbenzene
Concen: 2.225 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion:	105	Resp:	9725
Ion	Ratio	Lower	Upper
105	100		
120	27.2	20.6	31.0
77	16.5	13.0	19.4

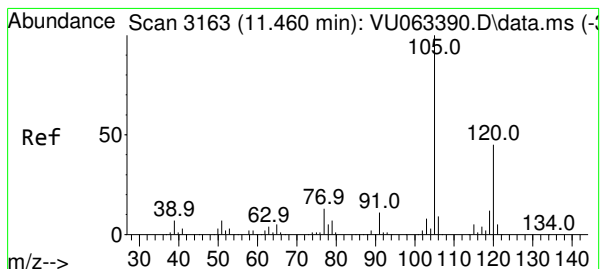
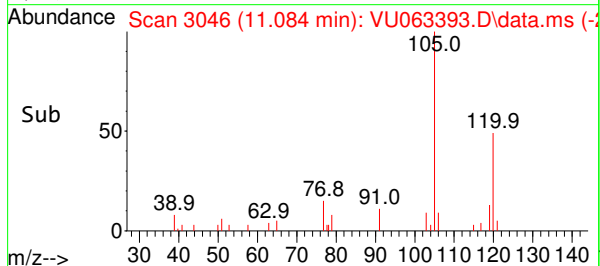
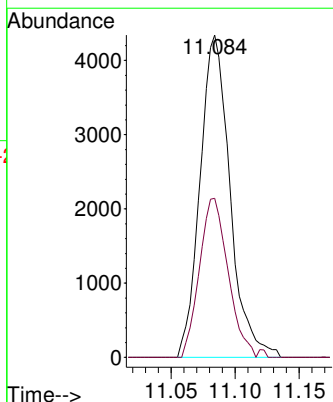
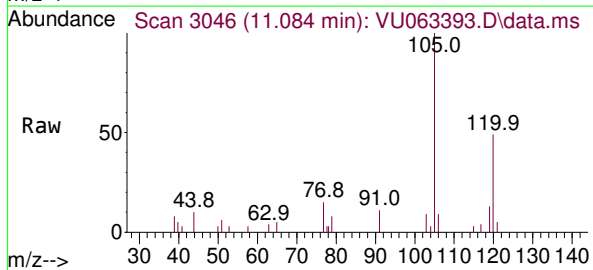




#62
1,3,5-Trimethylbenzene
Concen: 2.094 ug/L
RT: 11.084 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

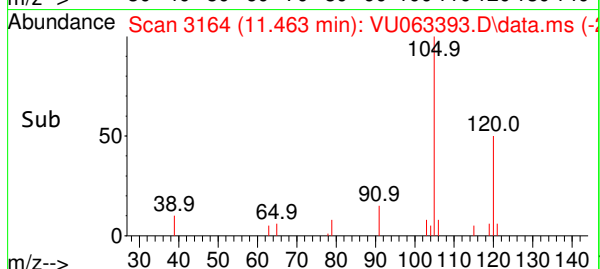
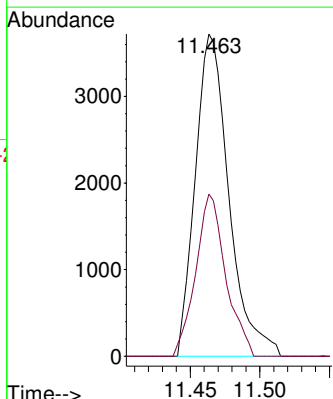
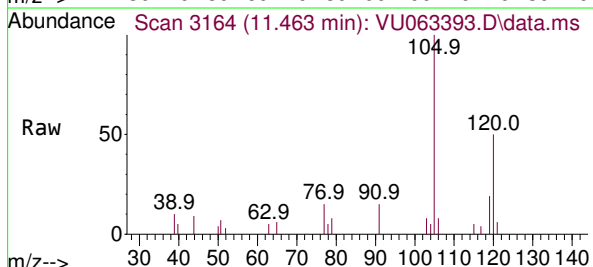
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

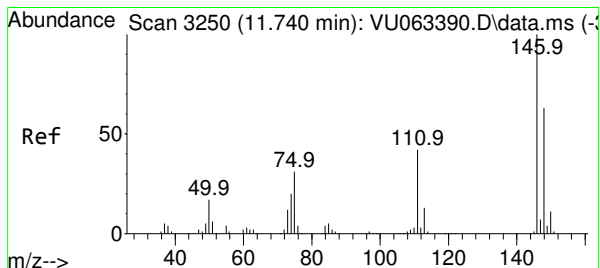
Tgt Ion:105 Resp: 7072
Ion Ratio Lower Upper
105 100
120 47.2 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 1.941 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion:105 Resp: 6229
Ion Ratio Lower Upper
105 100
120 44.9 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 2.573 ug/L

RT: 11.743 min Scan# 3

Delta R.T. 0.003 min

Lab File: VU063393.D

Acq: 12 Jun 2025 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2025-04

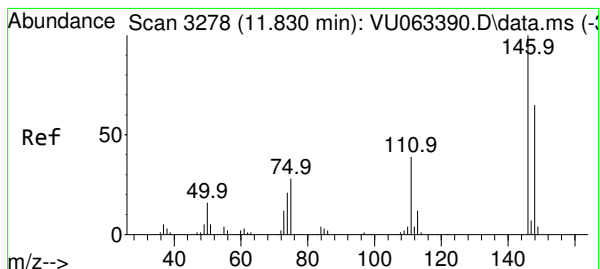
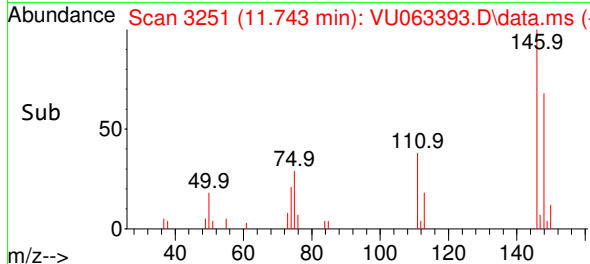
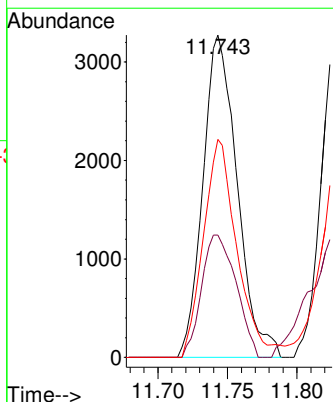
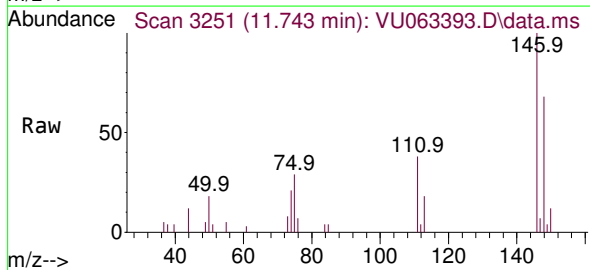
Tgt Ion:146 Resp: 5581

Ion Ratio Lower Upper

146 100

111 35.5 29.2 54.2

148 63.2 45.8 85.2



#65

1,4-Dichlorobenzene

Concen: 2.657 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU063393.D

Acq: 12 Jun 2025 11:43

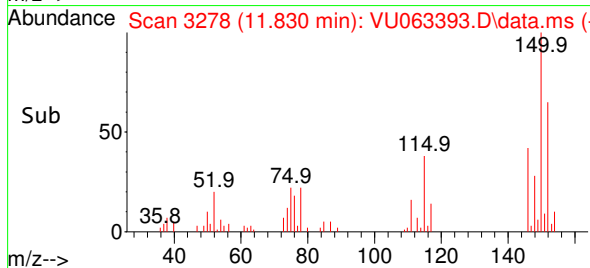
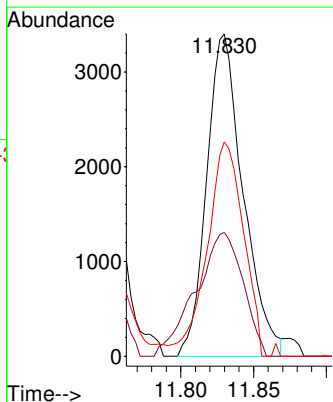
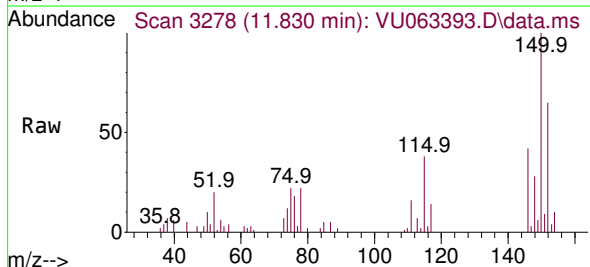
Tgt Ion:146 Resp: 5925

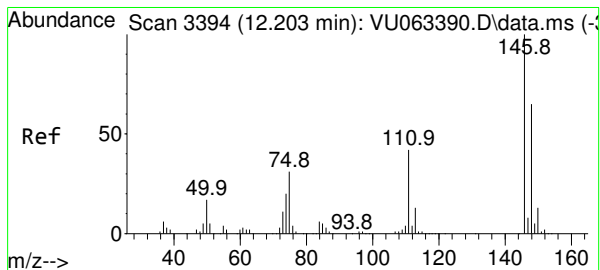
Ion Ratio Lower Upper

146 100

111 38.5 27.5 51.1

148 66.5 44.7 82.9

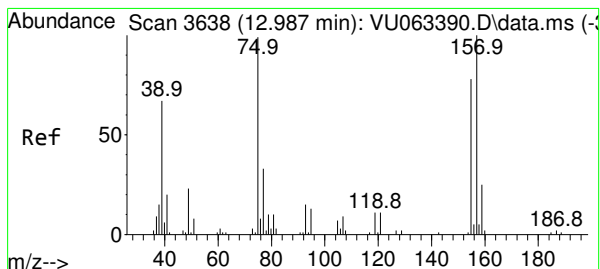
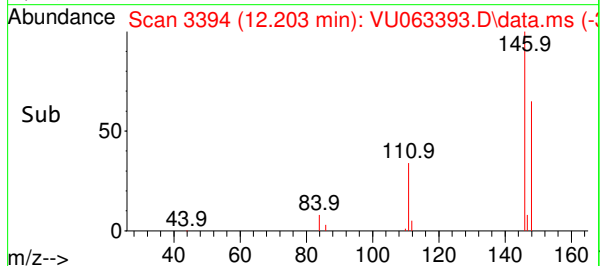
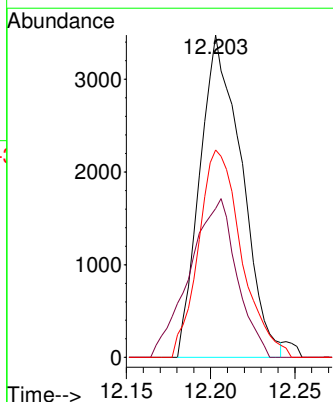
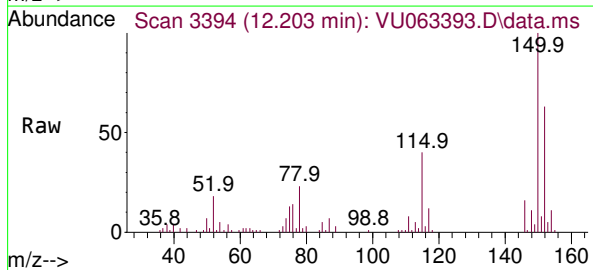




#67
1,2-Dichlorobenzene
Concen: 2.729 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

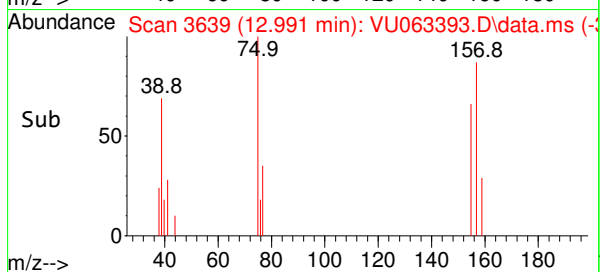
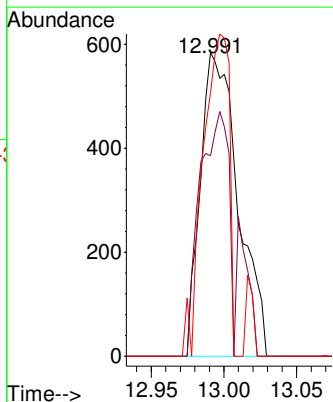
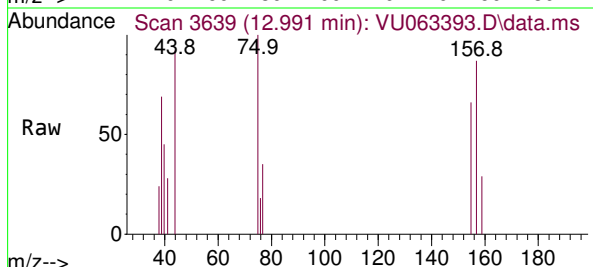
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2025-04

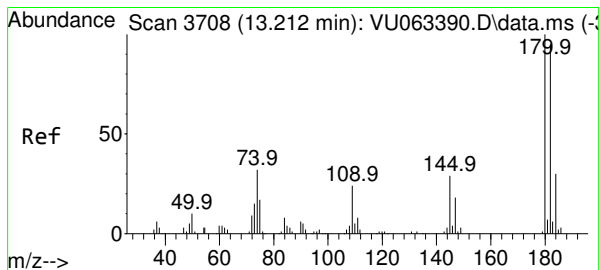
Tgt Ion:	146	Resp:	5977
Ion	Ratio	Lower	Upper
146	100		
111	50.6	34.7	52.1
148	64.3	51.3	76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 2.460 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion:	75	Resp:	1053
Ion	Ratio	Lower	Upper
75	100		
155	65.9	68.4	102.6
157	86.8	84.2	126.4

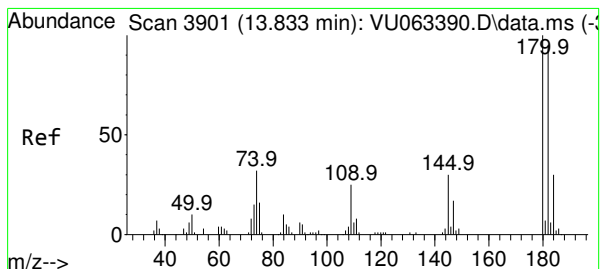
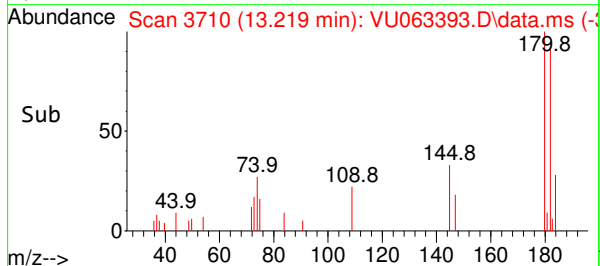
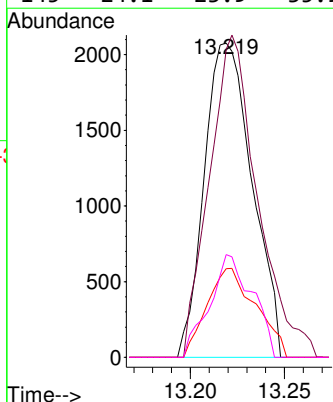
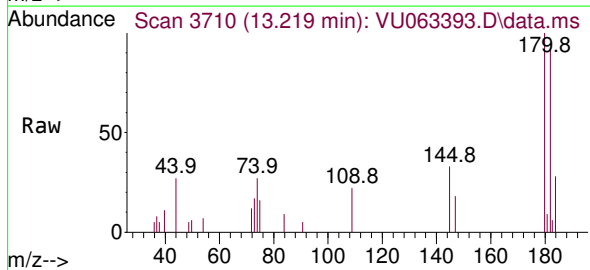




#69
 1,3,5-Trichlorobenzene
 Concen: 2.506 ug/L
 RT: 13.219 min Scan# 3
 Delta R.T. 0.007 min
 Lab File: VU063393.D
 Acq: 12 Jun 2025 11:43

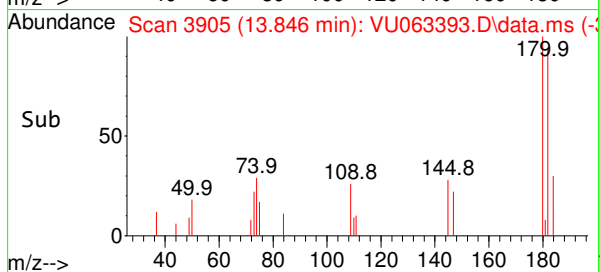
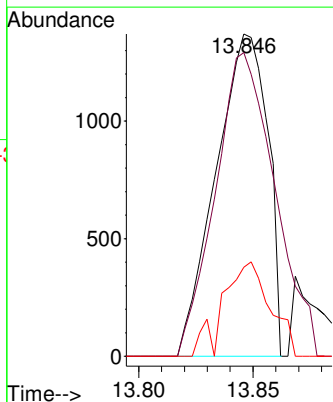
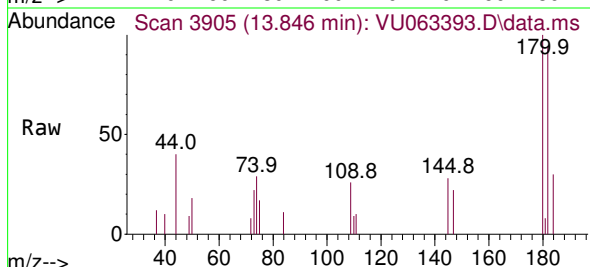
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2025-04

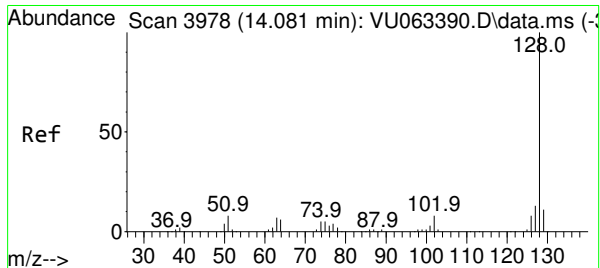
Tgt Ion:	180	Resp:	3681
Ion	Ratio	Lower	Upper
180	100		
182	102.9	77.2	115.8
184	28.9	24.3	36.5
145	24.1	23.9	35.9



#70
 1,2,4-trichlorobenzene
 Concen: 1.884 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.013 min
 Lab File: VU063393.D
 Acq: 12 Jun 2025 11:43

Tgt Ion:	180	Resp:	2149
Ion	Ratio	Lower	Upper
180	100		
182	108.7	75.8	113.8
145	23.0	24.0	36.0#

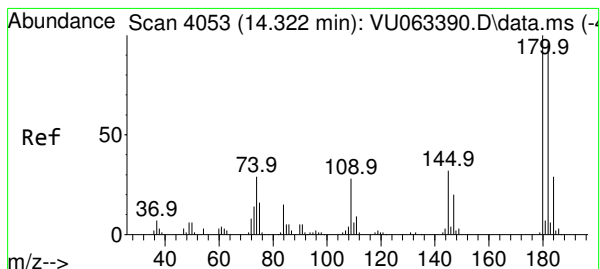
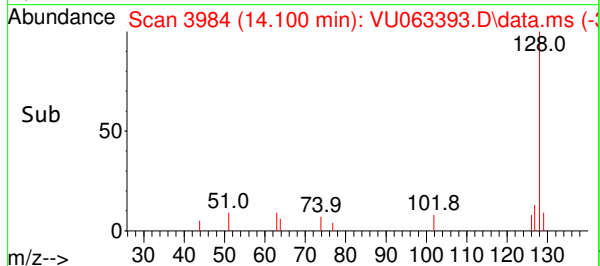
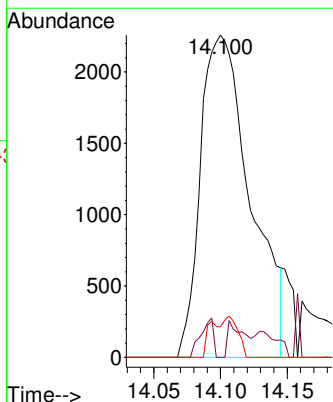
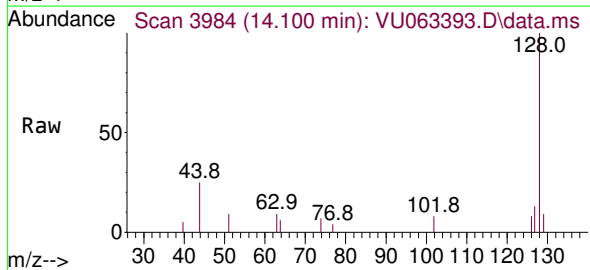




#71
Naphthalene
Concen: 1.905 ug/L
RT: 14.100 min Scan# 3
Delta R.T. 0.019 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

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

Tgt Ion:128 Resp: 5858
Ion Ratio Lower Upper
128 100
127 3.6 10.2 15.4#
129 3.7 8.6 12.8#



#72
1,2,3-Trichlorobenzene
Concen: 2.153 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.010 min
Lab File: VU063393.D
Acq: 12 Jun 2025 11:43

Tgt Ion:180 Resp: 2431
Ion Ratio Lower Upper
180 100
182 95.1 77.3 115.9
145 27.4 25.7 38.5

