

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
 Data File : VU059221.D
 Acq On : 12 Jun 2024 14:14
 Operator : MD/SY
 Sample : P2403-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Jun 13 04:37:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 13 04:35:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	42066	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	12579	0.879	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14446	0.964	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	6459	0.490	ug/l	95
3) Chloromethane	1.515	50	8340	0.526	ug/l	97
4) Vinyl Chloride	1.599	62	8018	0.500	ug/l	96
5) Bromomethane	1.853	94	5356	0.550	ug/l	98
6) Chloroethane	1.930	64	5002	0.485	ug/l	93
7) Trichlorofluoromethane	2.133	101	9703	0.488	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.580	101	5236	0.512	ug/l	97
9) 1,1-Dichloroethene	2.573	96	5356	0.529	ug/l	90
10) Iodomethane	2.715	142	5692	0.446	ug/l	99
11) Allyl Chloride	2.917	41	5909	0.432	ug/l	93
12) Acrylonitrile	3.351	53	2066m	0.903	ug/l	
13) Acetone	2.644	43	8796m	2.525	ug/l	
14) Carbon Disulfide	2.789	76	16710	0.517	ug/l	95
15) Methylene Chloride	3.039	84	18907	1.361	ug/l	96
16) trans-1,2-Dichloroethene	3.355	96	5590	0.506	ug/l	97
17) 1,1-Dichloroethane	3.863	63	11561	0.499	ug/l	96
18) 2-Butanone	4.744	43	7853m	2.032	ug/l	
19) Cyclohexane	5.380	56	7201m	0.430	ug/l	
20) Methylcyclohexane	6.756	83	7510	0.446	ug/l	98
21) 2,2-Dichloropropane	4.657	77	8153	0.476	ug/l	99
22) cis-1,2-Dichloroethene	4.666	96	6410	0.534	ug/l	91
23) Diethyl Ether	2.371	59	4310	0.454	ug/l	# 82
24) tert-Butyl Alcohol	3.239	59	2578m	4.230	ug/l	
25) Methyl tert-Butyl Ether	3.355	73	11861	0.488	ug/l	100
26) Bromochloromethane	4.975	128	2845	0.561	ug/l	90
27) Chloroform	5.084	83	12386	0.532	ug/l	99
28) 1,1,1-Trichloroethane	5.309	97	9008	0.491	ug/l	99
29) 1,1-Dichloropropene	5.528	75	7134	0.464	ug/l	98
30) Carbon Tetrachloride	5.518	117	7891m	0.524	ug/l	
31) Isopropyl Ether	3.985	45	13600	0.448	ug/l	94
32) Ethyl-t-butyl ether	4.493	59	13136	0.465	ug/l	100
33) Tert-Amyl methyl ether	5.936	73	11317m	0.454	ug/l	
34) Propionitrile	4.821	54	1983m	2.240	ug/l	
35) Benzene	5.773	78	23960	0.495	ug/l	99
36) 1,2-Dichloroethane	5.795	62	7523	0.525	ug/l	# 88
37) Trichloroethene	6.541	130	5924	0.513	ug/l	100
38) 1,2-Dichloropropane	6.789	63	6695	0.488	ug/l	98
39) Methacrylonitrile	4.998	41	1321m	0.400	ug/l	
40) Methyl acrylate	4.879	55	2361m	0.408	ug/l	
41) Tetrahydrofuran	5.081	42	1763m	0.999	ug/l	
42) 1-Chlorobutane	5.457	56	9829	0.463	ug/l	96
43) Dibromomethane	6.920	93	3091	0.497	ug/l	# 87
44) Bromodichloromethane	7.100	83	8473	0.526	ug/l	96

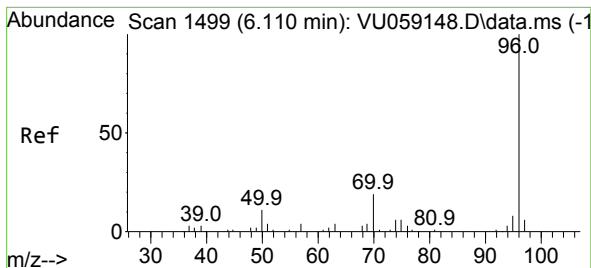
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
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Quant Time: Jun 13 04:37:51 2024
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	14540m	2.181	ug/l	
46) t-1,4-Dichloro-2-butene	10.830	75	3115m	1.101	ug/l	
47) Methyl methacrylate	6.969	69	4445m	0.832	ug/l	
48) Ethyl methacrylate	8.335	69	3657	0.388	ug/l	98
49) Toluene	7.969	92	12653m	0.475	ug/l	
50) t-1,3-Dichloropropene	8.213	75	5885	0.427	ug/l	92
51) cis-1,3-Dichloropropene	7.608	75	7576	0.449	ug/l	94
52) 1,1,2-Trichloroethane	8.396	97	4586	0.499	ug/l	90
53) 1,3-Dichloropropane	8.570	76	8060	0.509	ug/l	93
54) 2-Hexanone	8.692	43	10659m	2.063	ug/l	
55) Dibromochloromethane	8.805	129	4866	0.489	ug/l	98
56) 1,2-Dibromoethane	8.920	107	4097	0.508	ug/l	85
58) Tetrachloroethene	8.551	164	5424	0.509	ug/l	97
59) Chlorobenzene	9.448	112	14185	0.487	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	5203	0.499	ug/l	96
61) Pentachloroethane	11.419	117	3519	0.435	ug/l	97
62) Hexachloroethane	12.467	117	3767	0.458	ug/l	96
63) Ethyl Benzene	9.567	91	20858	0.424	ug/l	100
64) m/p-Xylenes	9.692	106	14778	0.796	ug/l	98
65) o-Xylene	10.097	106	7147	0.391	ug/l	99
66) Styrene	10.116	104	11522	0.394	ug/l	98
67) Bromoform	10.287	173	2530	0.470	ug/l	98
69) Isopropylbenzene	10.480	105	18557	0.396	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.779	83	5666	0.491	ug/l	93
71) 1,2,3-Trichloropropane	10.830	75	5125m	0.581	ug/l	
72) Bromobenzene	10.782	156	5533	0.492	ug/l	89
73) n-propylbenzene	10.901	120	4741	0.378	ug/l	96
74) 2-Chlorotoluene	10.981	126	4681	0.409	ug/l	91
75) 1,3,5-Trimethylbenzene	11.084	105	14416	0.364	ug/l	100
76) 4-Chlorotoluene	11.100	126	4613	0.385	ug/l	94
77) tert-Butylbenzene	11.415	119	14519	0.386	ug/l	100
78) 1,2,4-Trimethylbenzene	11.467	105	14642	0.366	ug/l	99
79) sec-Butylbenzene	11.640	105	19181	0.367	ug/l	98
80) Nitrobenzene	13.235	77	518m	2.094	ug/l	
81) p-Isopropyltoluene	11.788	119	13906	0.347	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	11272	0.473	ug/l	98
83) 1,4-Dichlorobenzene	11.837	146	10343	0.434	ug/l	95
84) n-Butylbenzene	12.206	91	13833	0.367	ug/l	97
85) 1,2-Dichlorobenzene	12.213	146	10783	0.480	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.997	75	750	0.477	ug/l	87
87) 1,2,4-Trichlorobenzene	13.843	180	5388	0.448	ug/l	90
88) Hexachlorobutadiene	14.017	225	3441	0.458	ug/l	93
89) Naphthalene	14.097	128	8499	0.434	ug/l #	95
90) 1,2,3-Trichlorobenzene	14.328	180	5277	0.482	ug/l	91

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.113 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 96 Resp: 42066

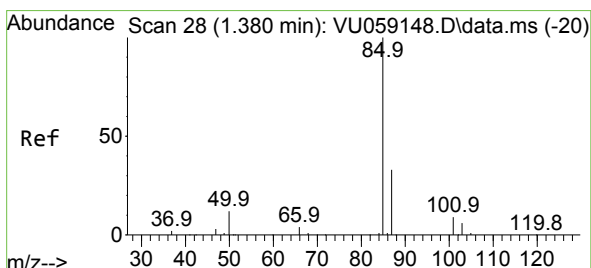
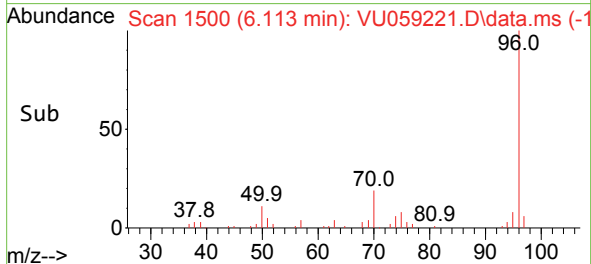
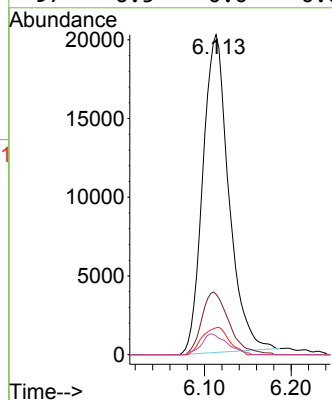
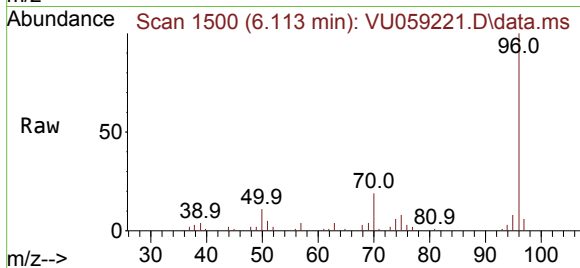
Ion Ratio Lower Upper

96 100

70 20.8 16.6 24.8

95 8.8 7.1 10.7

97 6.5 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 0.490 ug/l

RT: 1.380 min Scan# 28

Delta R.T. 0.000 min

Lab File: VU059221.D

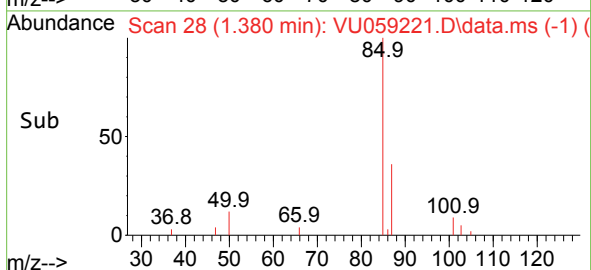
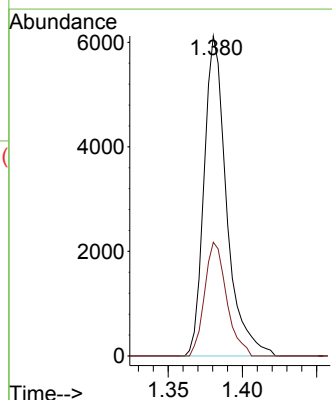
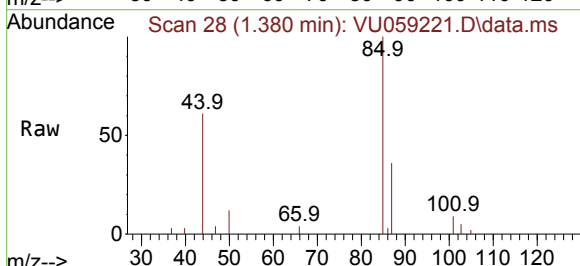
Acq: 12 Jun 2024 14:14

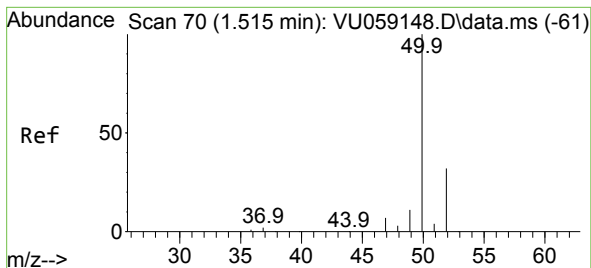
Tgt Ion: 85 Resp: 6459

Ion Ratio Lower Upper

85 100

87 35.5 16.3 48.9





#3

Chloromethane

Concen: 0.526 ug/l

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

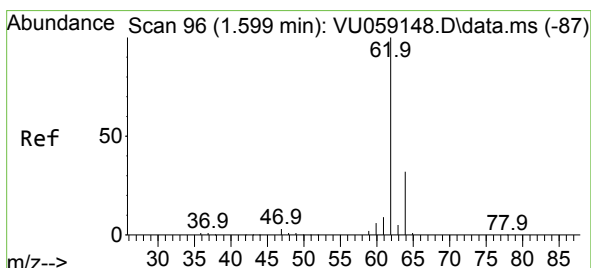
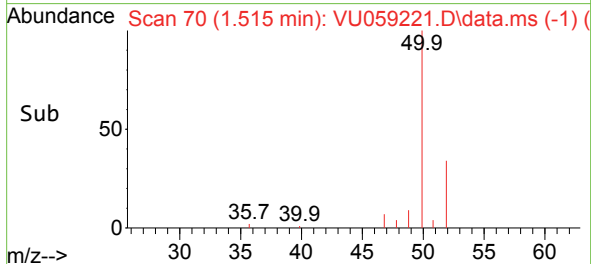
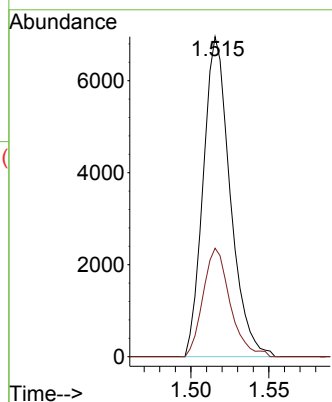
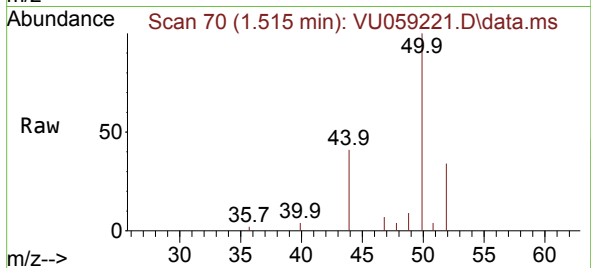
MDL-WATER-03-QT2-2024

Tgt Ion: 50 Resp: 8340

Ion Ratio Lower Upper

50 100

52 33.9 26.0 39.0



#4

Vinyl Chloride

Concen: 0.500 ug/l

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU059221.D

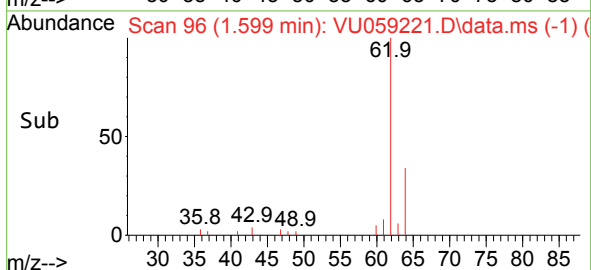
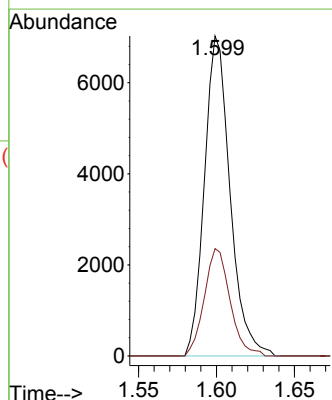
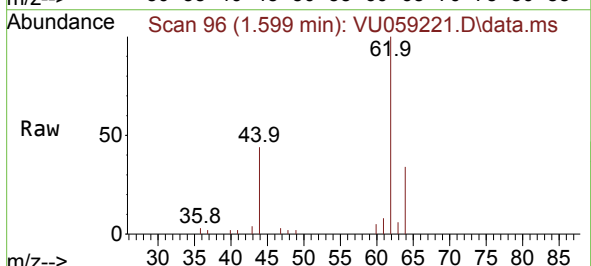
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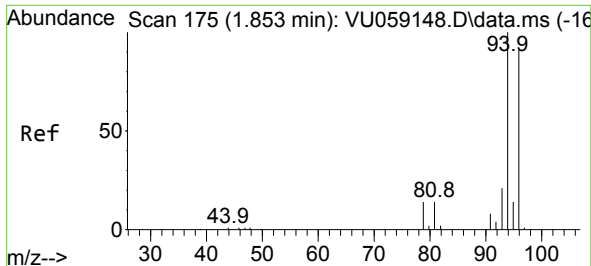
Tgt Ion: 62 Resp: 8018

Ion Ratio Lower Upper

62 100

64 33.5 25.2 37.8

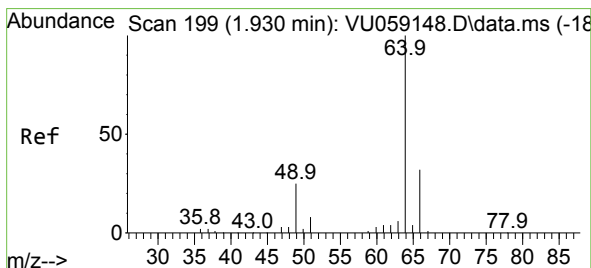
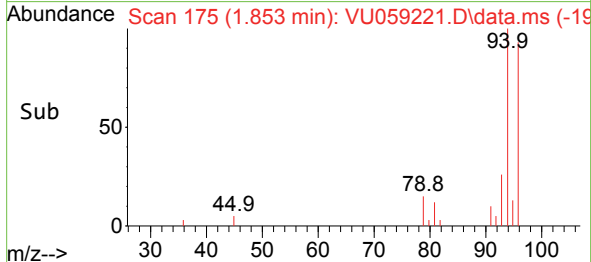
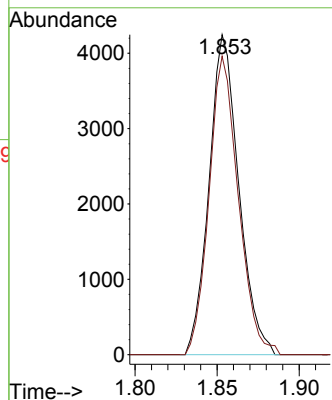
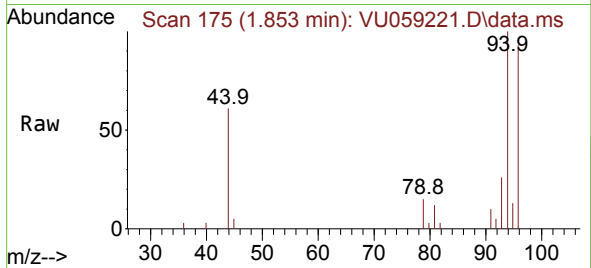




#5
Bromomethane
Concen: 0.550 ug/l
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

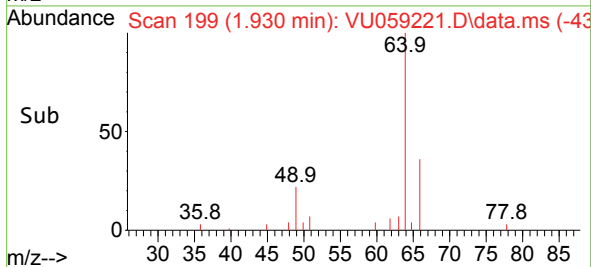
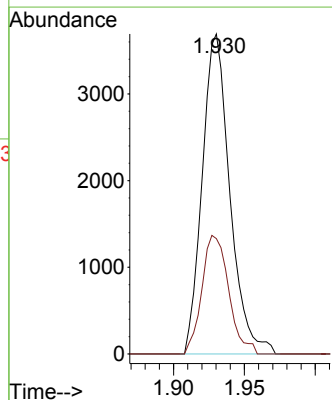
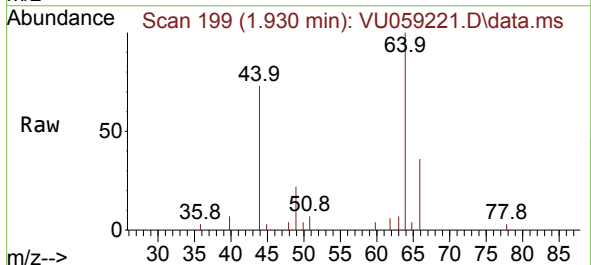
Instrument :
MSVOA_U
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MDL-WATER-03-QT2-2024

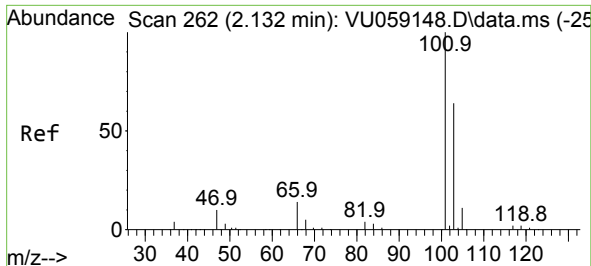
Tgt Ion: 94 Resp: 5356
Ion Ratio Lower Upper
94 100
96 93.3 72.7 109.1



#6
Chloroethane
Concen: 0.485 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion: 64 Resp: 5002
Ion Ratio Lower Upper
64 100
66 36.1 25.5 38.3

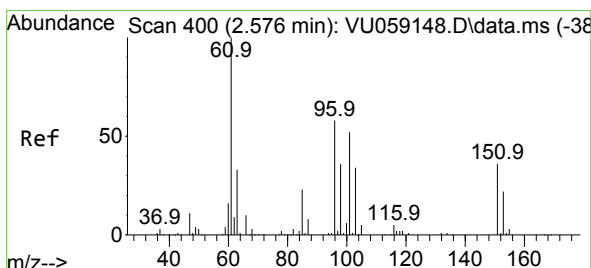
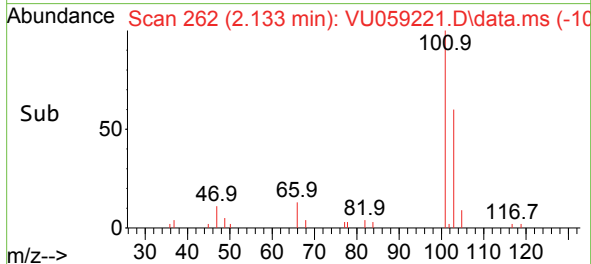
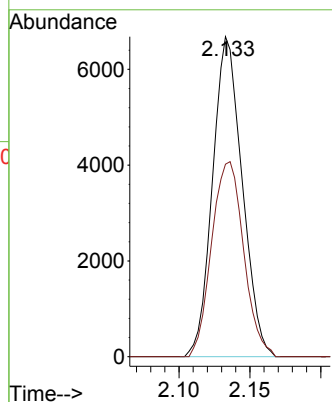
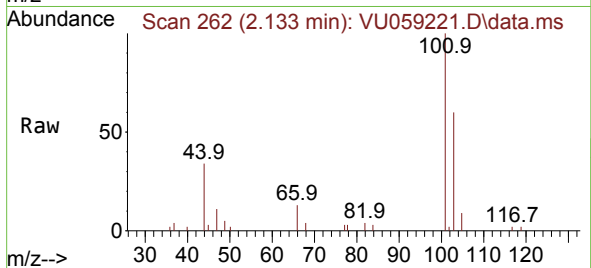




#7
Trichlorofluoromethane
Concen: 0.488 ug/l
RT: 2.133 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

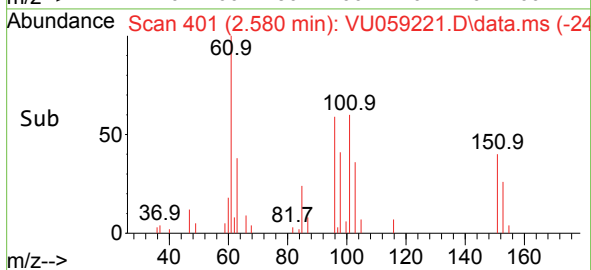
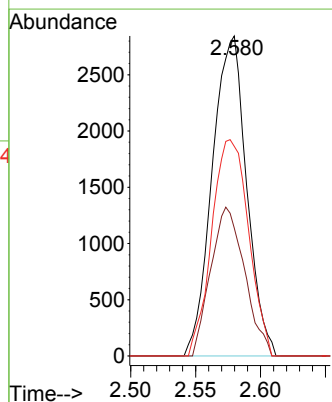
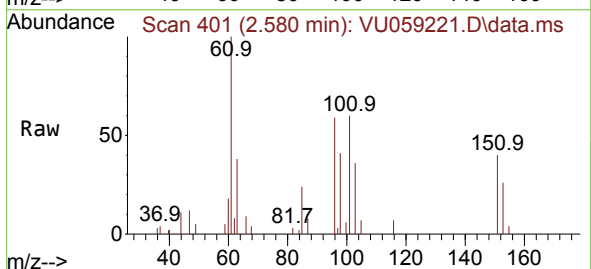
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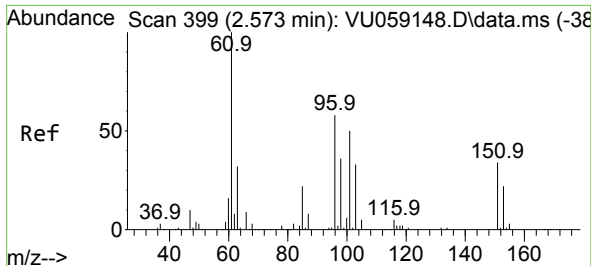
Tgt Ion:101 Resp: 9703
Ion Ratio Lower Upper
101 100
103 60.2 51.1 76.7



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.512 ug/l
RT: 2.580 min Scan# 401
Delta R.T. 0.004 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion:101 Resp: 5236
Ion Ratio Lower Upper
101 100
85 45.9 36.1 54.1
151 72.4 55.0 82.6





#9

1,1-Dichloroethene

Concen: 0.529 ug/l

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024

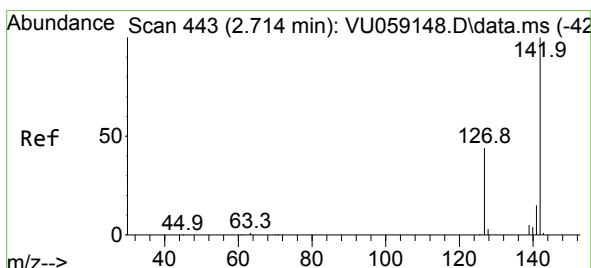
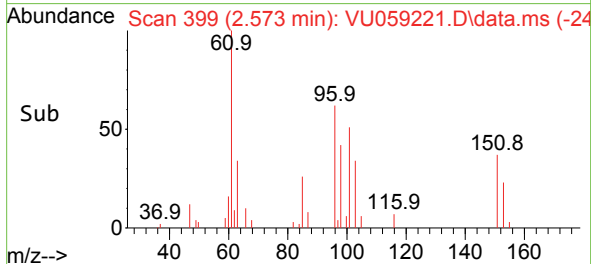
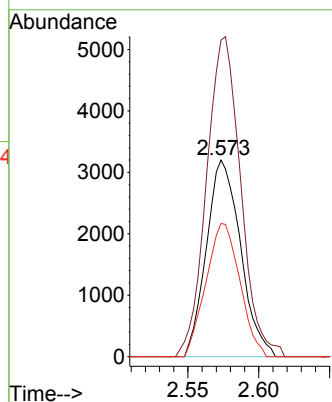
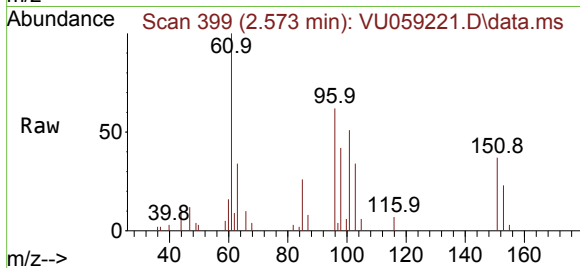
Tgt Ion: 96 Resp: 5356

Ion Ratio Lower Upper

96 100

61 157.5 0.0 515.4

98 67.8 0.0 124.4



#10

Iodomethane

Concen: 0.446 ug/l

RT: 2.715 min Scan# 443

Delta R.T. 0.001 min

Lab File: VU059221.D

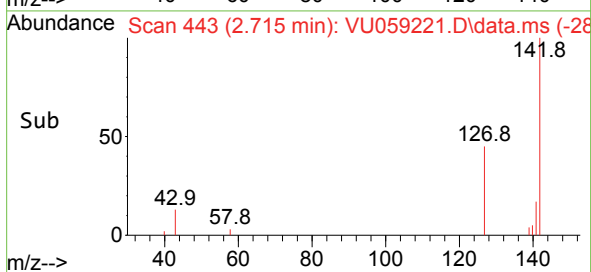
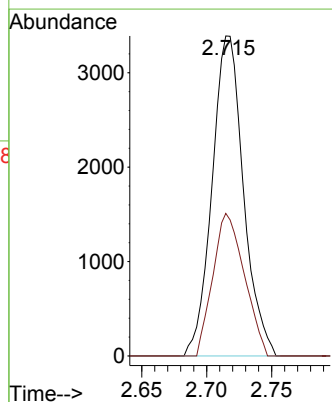
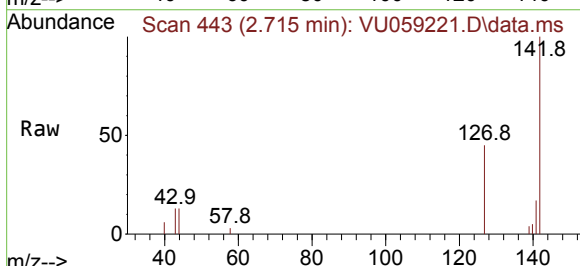
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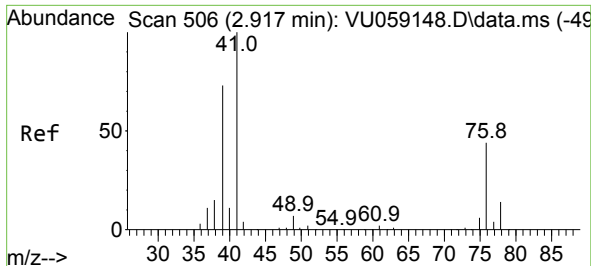
Tgt Ion: 142 Resp: 5692

Ion Ratio Lower Upper

142 100

127 44.6 36.2 54.4

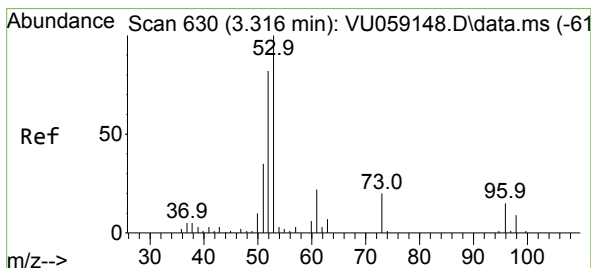
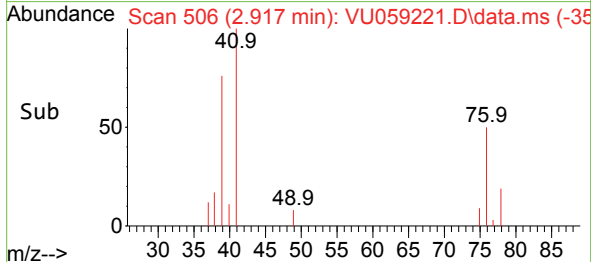
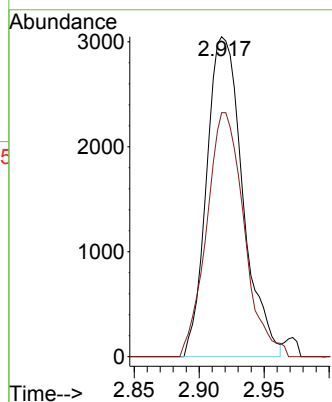
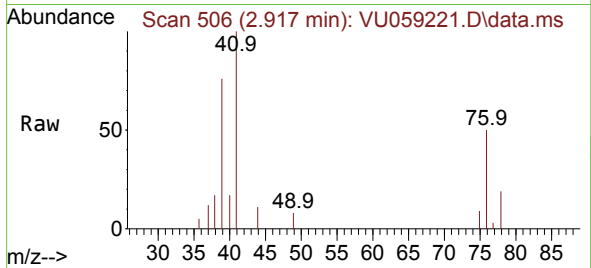




#11
 Allyl Chloride
 Concen: 0.432 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: VU059221.D
 Acq: 12 Jun 2024 14:14

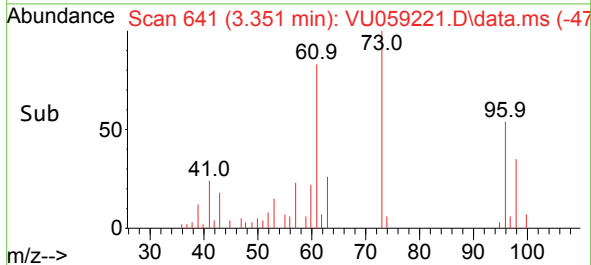
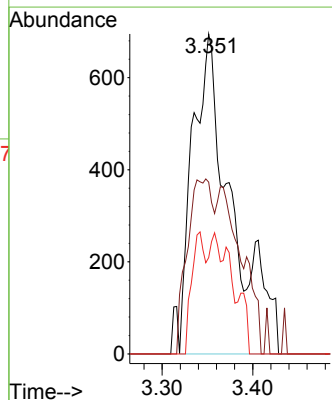
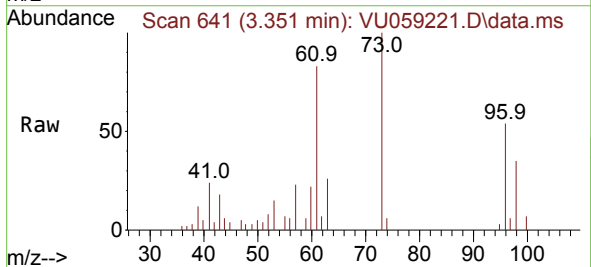
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2024

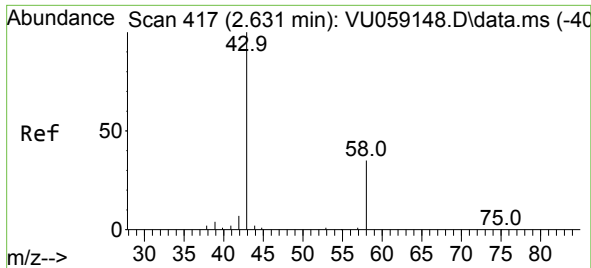
Tgt Ion: 41 Resp: 5909
 Ion Ratio Lower Upper
 41 100
 39 78.8 58.1 87.1



#12
 Acrylonitrile
 Concen: 0.903 ug/l m
 RT: 3.351 min Scan# 641
 Delta R.T. 0.036 min
 Lab File: VU059221.D
 Acq: 12 Jun 2024 14:14

Tgt Ion: 53 Resp: 2066
 Ion Ratio Lower Upper
 53 100
 52 36.4 64.2 96.4#
 51 13.3 33.0 49.4#





#13

Acetone

Concen: 2.525 ug/l m

RT: 2.644 min Scan# 417

Delta R.T. 0.013 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

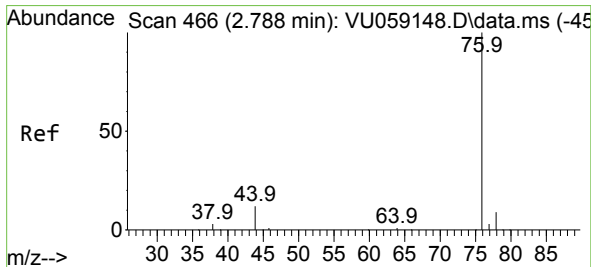
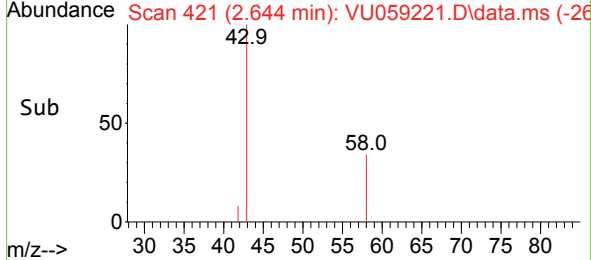
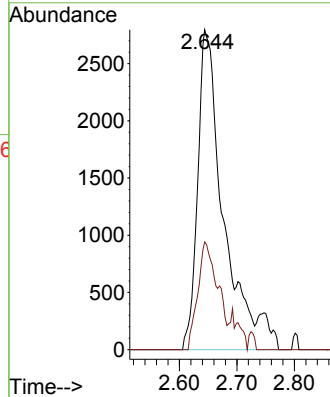
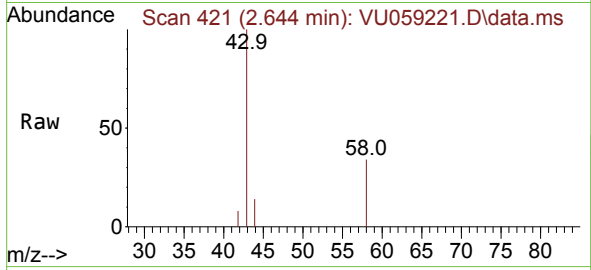
MDL-WATER-03-QT2-2024

Tgt Ion: 43 Resp: 8796

Ion Ratio Lower Upper

43 100

58 33.7 27.9 41.9



#14

Carbon Disulfide

Concen: 0.517 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059221.D

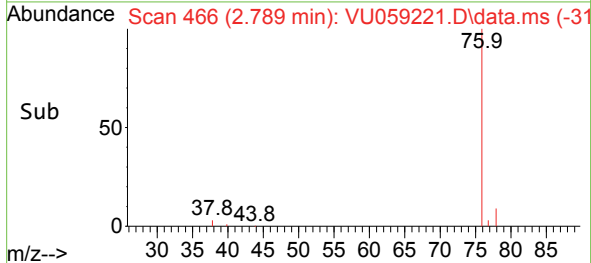
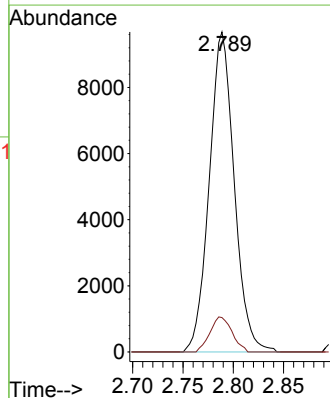
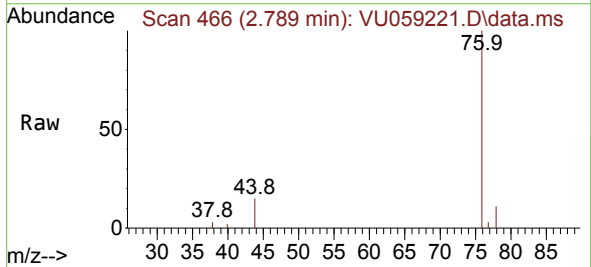
Acq: 12 Jun 2024 14:14

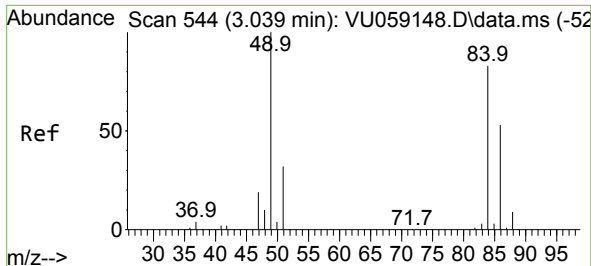
Tgt Ion: 76 Resp: 16710

Ion Ratio Lower Upper

76 100

78 10.8 7.3 10.9

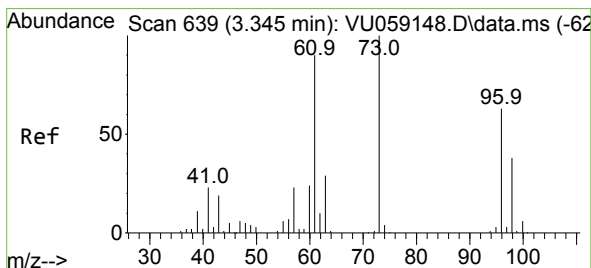
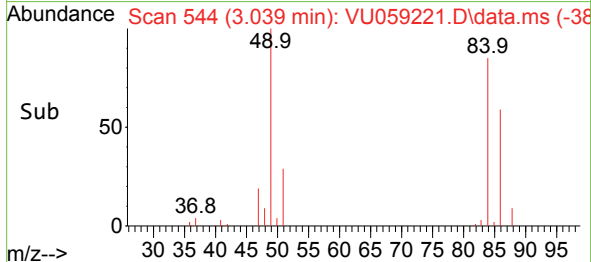
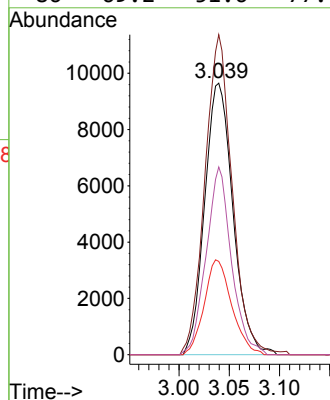
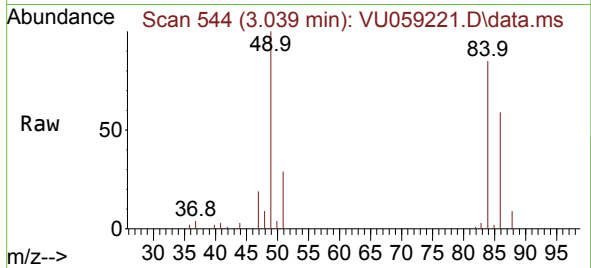




#15
Methylene Chloride
Concen: 1.361 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

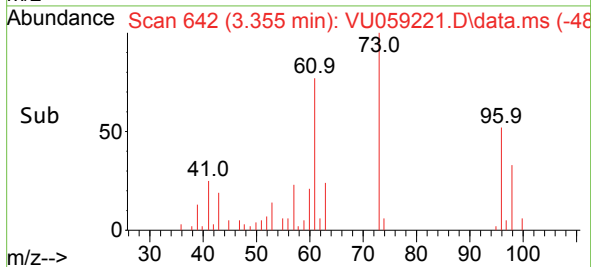
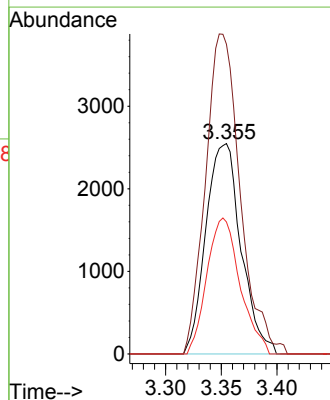
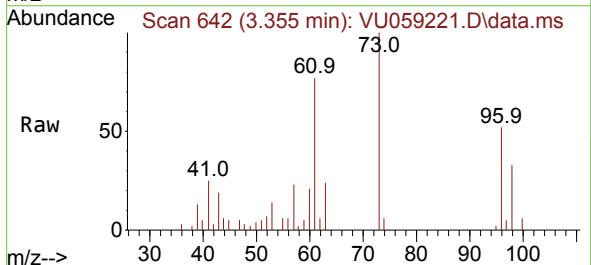
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

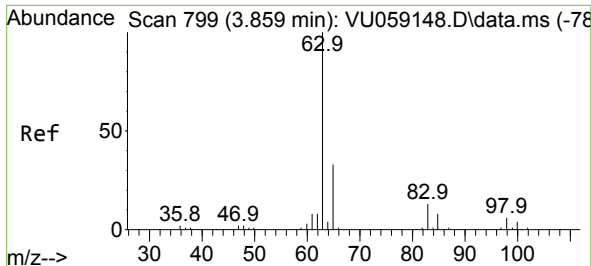
Tgt Ion:	84	Resp:	18907
Ion	Ratio	Lower	Upper
84	100		
49	117.9	96.7	145.1
51	34.4	0.0	76.8
86	69.2	51.6	77.4



#16
trans-1,2-Dichloroethene
Concen: 0.506 ug/l
RT: 3.355 min Scan# 642
Delta R.T. 0.010 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion:	96	Resp:	5590
Ion	Ratio	Lower	Upper
96	100		
61	147.3	114.8	172.2
98	62.7	48.8	73.2





#17

1,1-Dichloroethane

Concen: 0.499 ug/l

RT: 3.863 min Scan# 80

Delta R.T. 0.004 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024

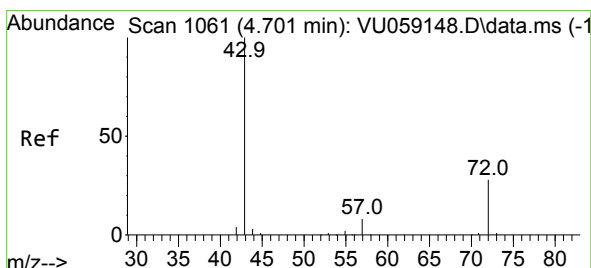
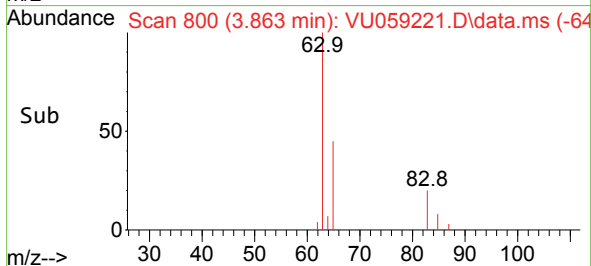
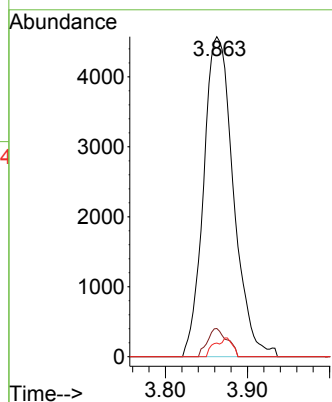
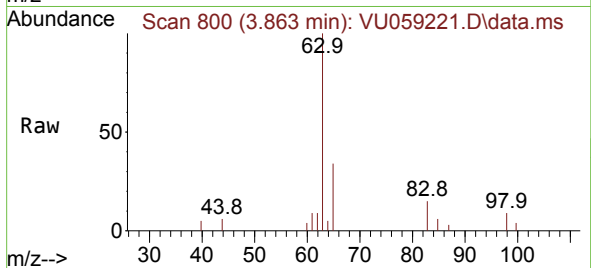
Tgt Ion: 63 Resp: 11561

Ion Ratio Lower Upper

63 100

98 8.8 3.2 9.6

100 4.2 2.1 6.5



#18

2-Butanone

Concen: 2.032 ug/l m

RT: 4.744 min Scan# 1074

Delta R.T. 0.042 min

Lab File: VU059221.D

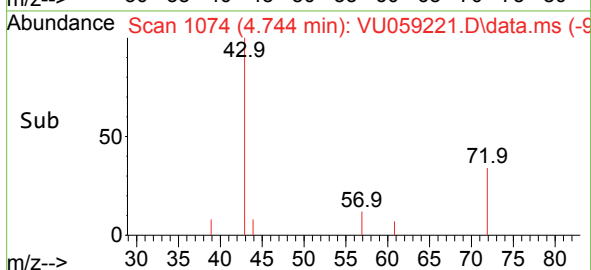
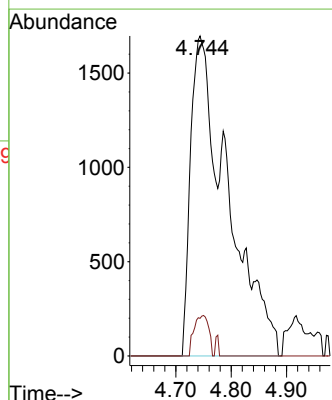
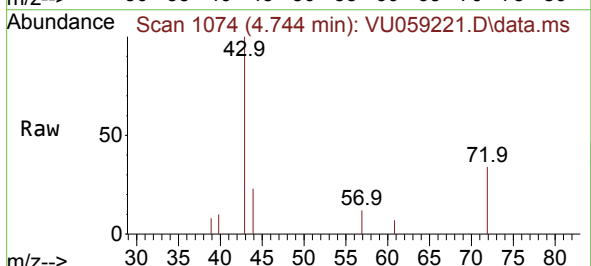
Acq: 12 Jun 2024 14:14

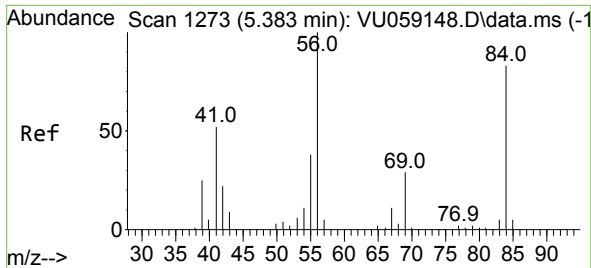
Tgt Ion: 43 Resp: 7853

Ion Ratio Lower Upper

43 100

57 11.7 0.0 16.8

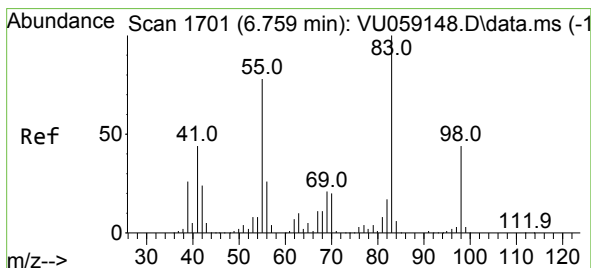
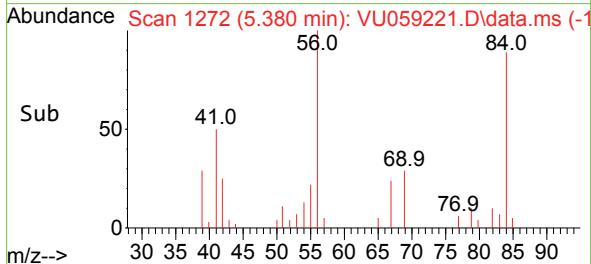
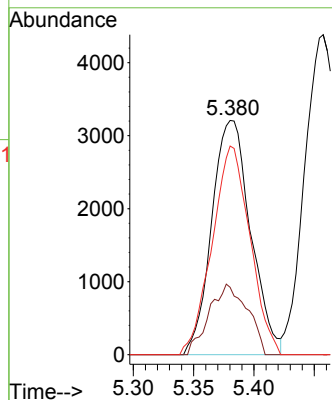
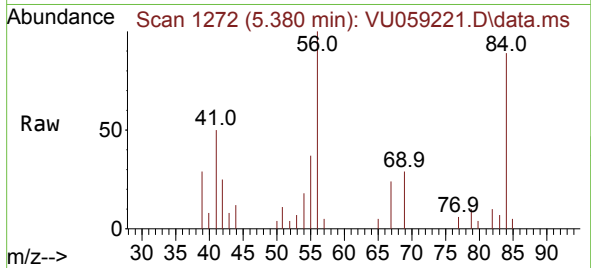




#19
Cyclohexane
Concen: 0.430 ug/l m
RT: 5.380 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

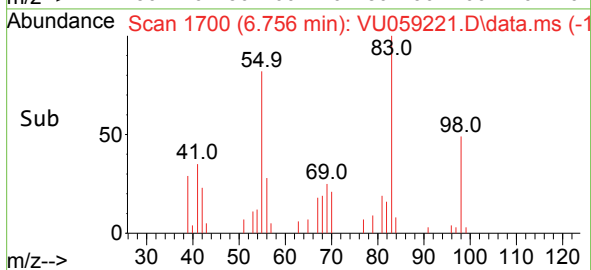
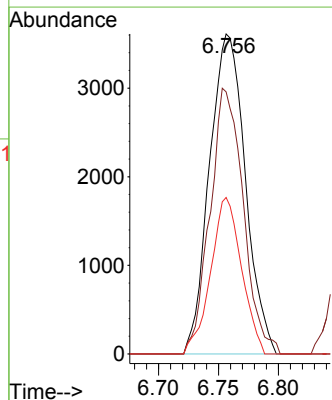
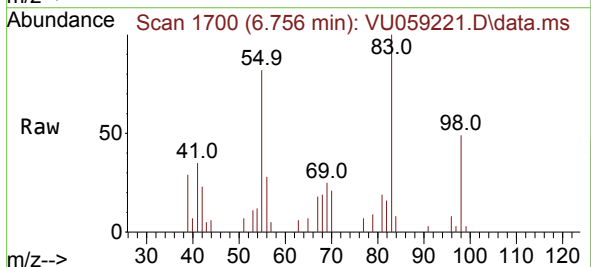
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

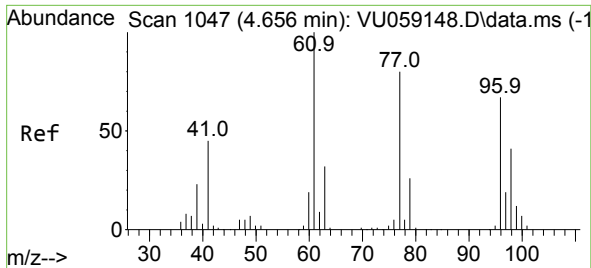
Tgt Ion:	56	Resp:	7201
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.5	35.3
84	86.6	66.5	99.7



#20
Methylcyclohexane
Concen: 0.446 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion:	83	Resp:	7510
Ion	Ratio	Lower	Upper
83	100		
55	77.1	62.7	94.1
98	42.1	35.1	52.7





#21

2,2-Dichloropropane

Concen: 0.476 ug/l

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

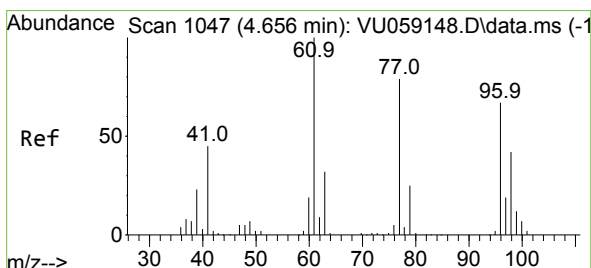
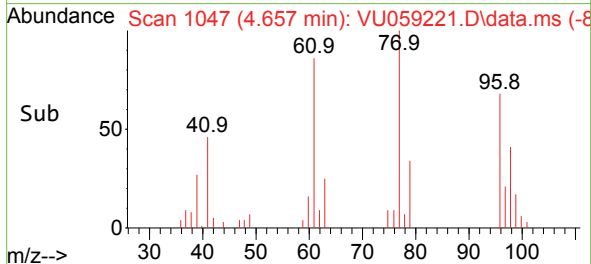
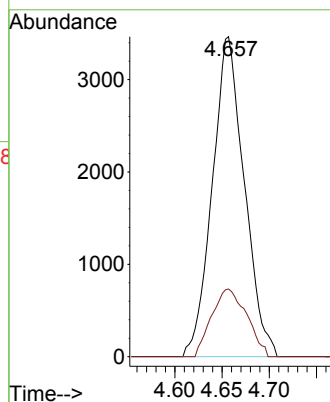
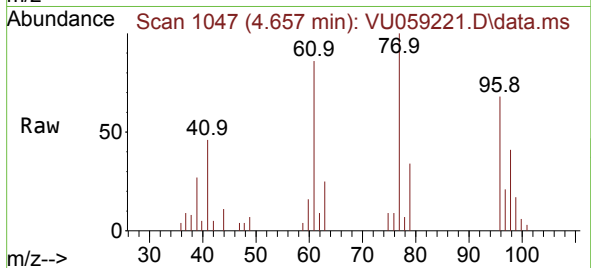
MDL-WATER-03-QT2-2024

Tgt Ion: 77 Resp: 8153

Ion Ratio Lower Upper

77 100

97 23.3 18.1 27.1



#22

cis-1,2-Dichloroethene

Concen: 0.534 ug/l

RT: 4.666 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

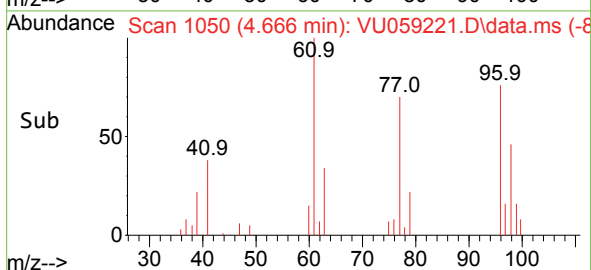
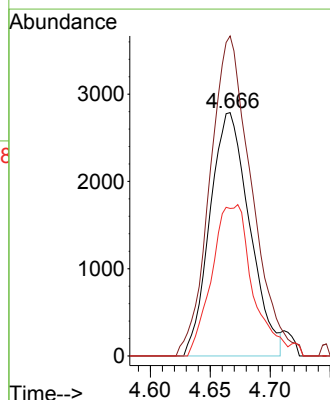
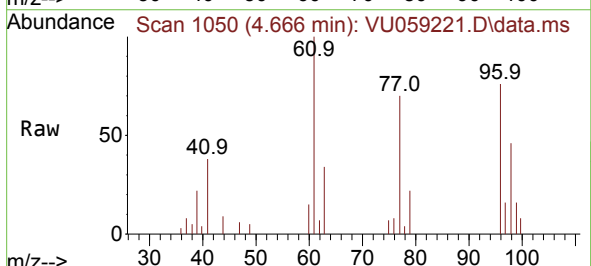
Tgt Ion: 96 Resp: 6410

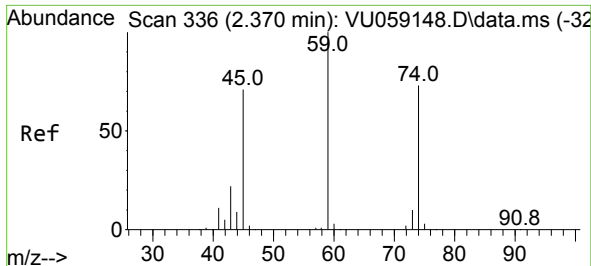
Ion Ratio Lower Upper

96 100

61 138.2 0.0 388.5

98 63.5 31.8 95.3





#23

Diethyl Ether

Concen: 0.454 ug/l

RT: 2.371 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024

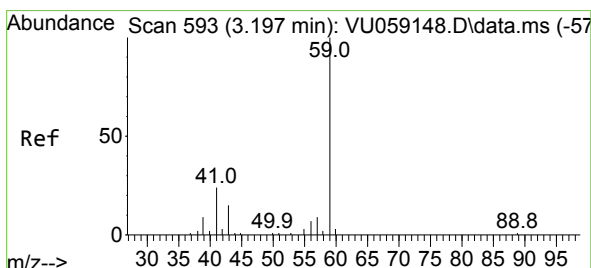
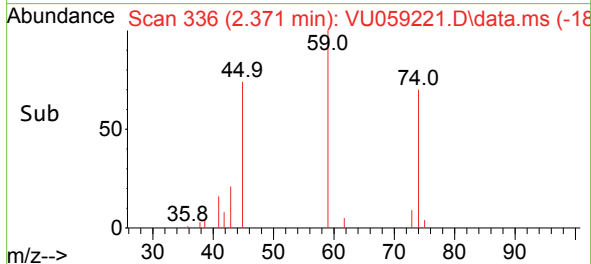
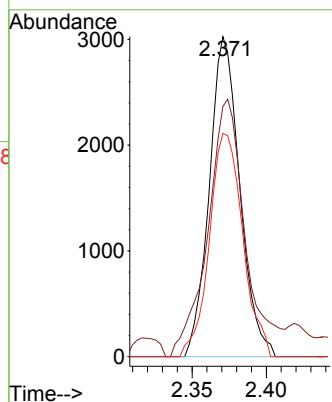
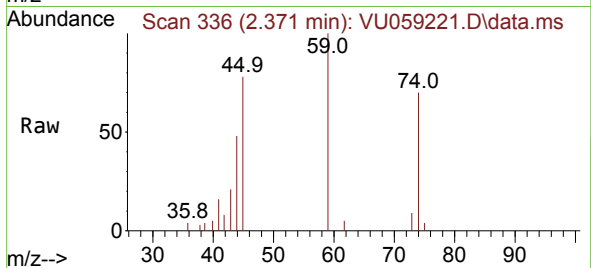
Tgt Ion: 59 Resp: 4310

Ion Ratio Lower Upper

59 100

45 99.7 58.8 88.2#

74 76.4 58.0 87.0



#24

tert-Butyl Alcohol

Concen: 4.230 ug/l m

RT: 3.239 min Scan# 606

Delta R.T. 0.042 min

Lab File: VU059221.D

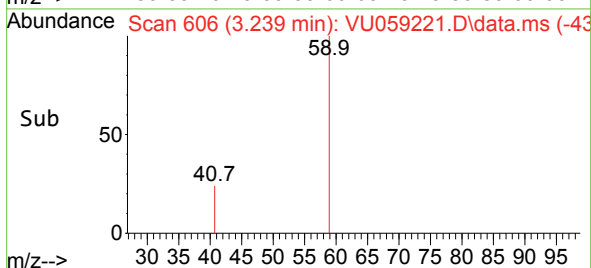
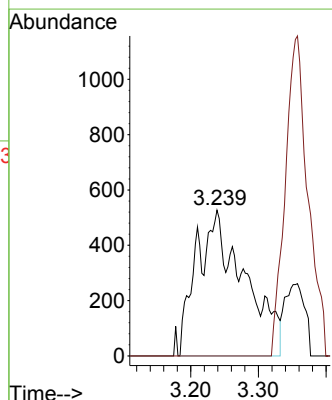
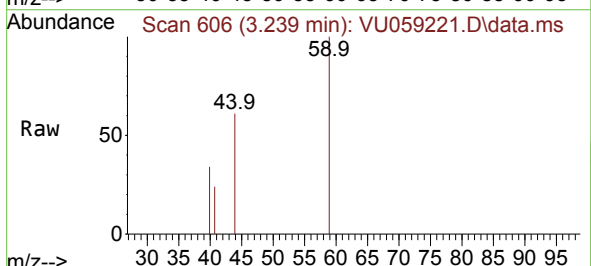
Acq: 12 Jun 2024 14:14

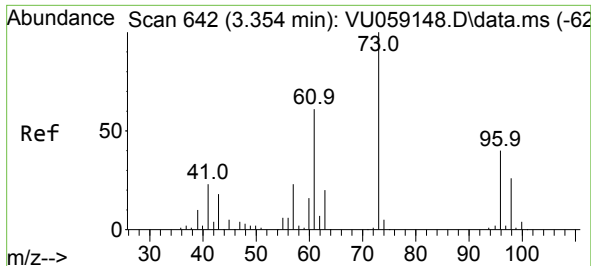
Tgt Ion: 59 Resp: 2578

Ion Ratio Lower Upper

59 100

57 0.0 2.9 4.3#

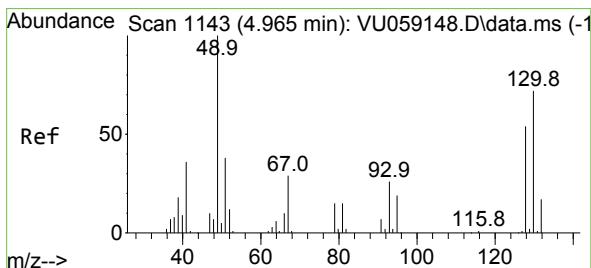
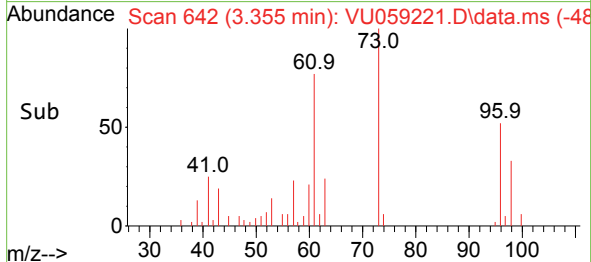
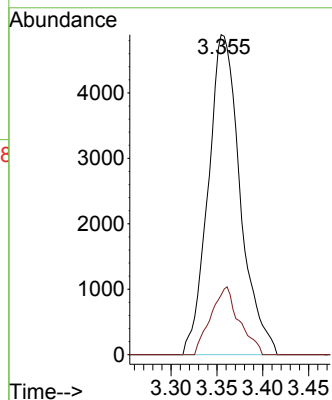
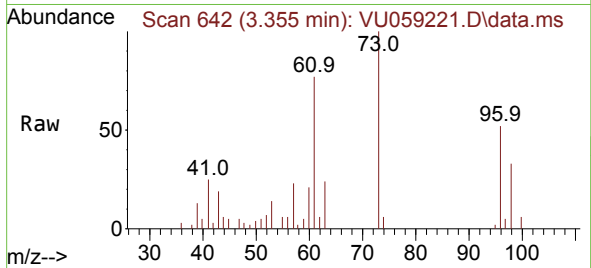




#25
Methyl tert-Butyl Ether
Concen: 0.488 ug/l
RT: 3.355 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

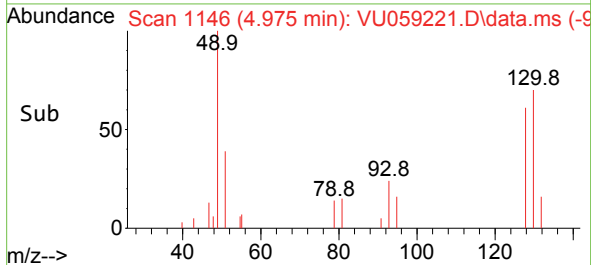
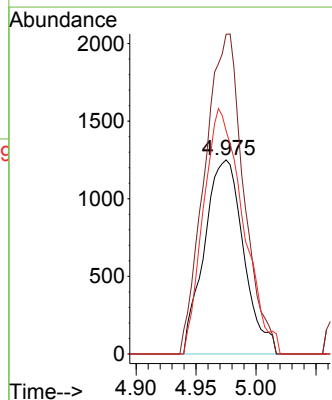
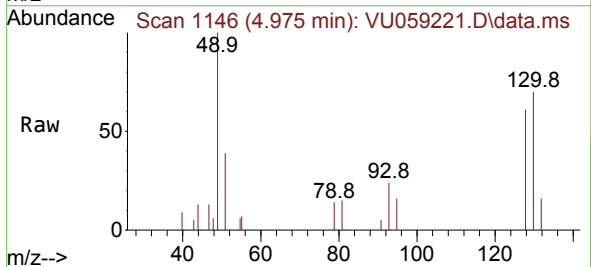
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

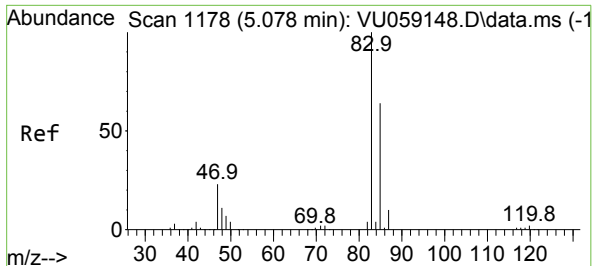
Tgt Ion: 73 Resp: 11861
Ion Ratio Lower Upper
73 100
43 18.8 15.0 22.6



#26
Bromochloromethane
Concen: 0.561 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.010 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion: 128 Resp: 2845
Ion Ratio Lower Upper
128 100
49 163.4 0.0 371.2
130 128.0 104.1 156.1





#27

Chloroform

Concen: 0.532 ug/l

RT: 5.084 min Scan# 1178

Delta R.T. 0.007 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

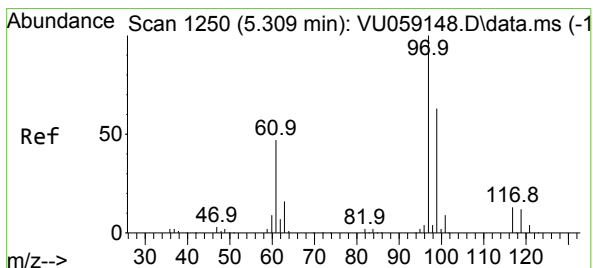
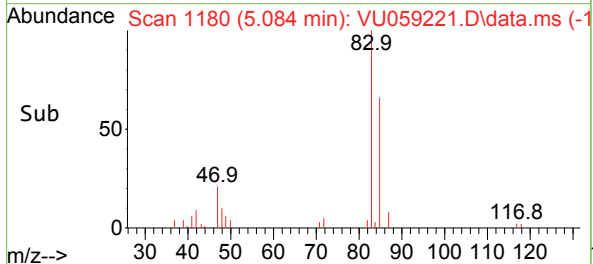
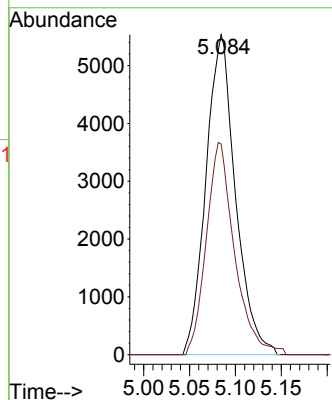
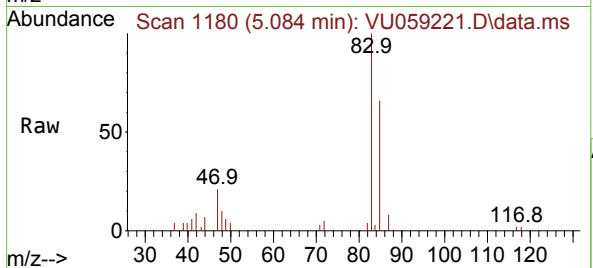
MDL-WATER-03-QT2-2024

Tgt Ion: 83 Resp: 12386

Ion Ratio Lower Upper

83 100

85 64.0 0.0 127.2



#28

1,1,1-Trichloroethane

Concen: 0.491 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

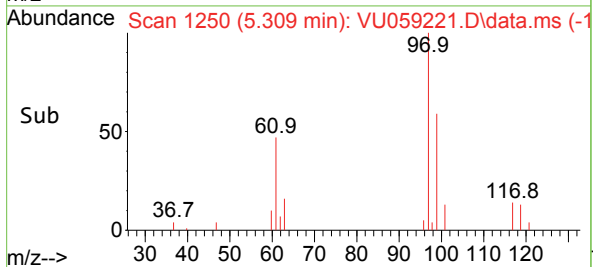
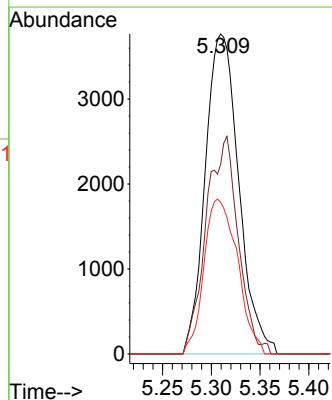
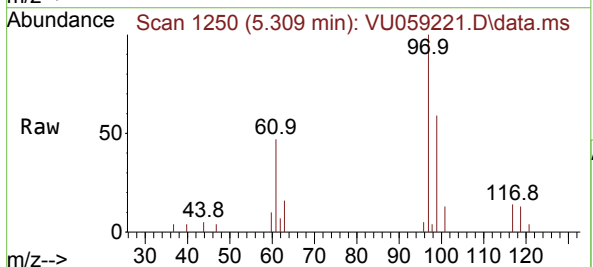
Tgt Ion: 97 Resp: 9008

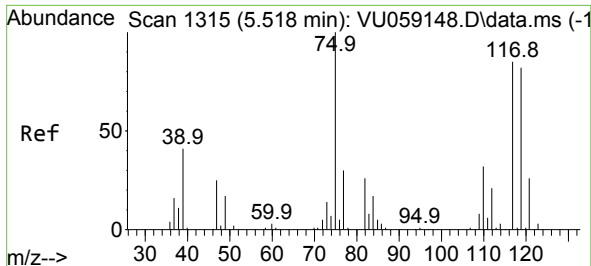
Ion Ratio Lower Upper

97 100

99 65.3 32.0 96.0

61 48.4 23.9 71.7





#29

1,1-Dichloropropene

Concen: 0.464 ug/l

RT: 5.528 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024

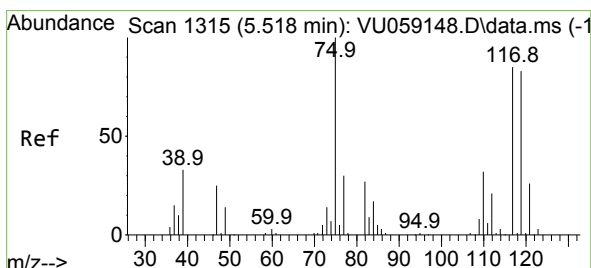
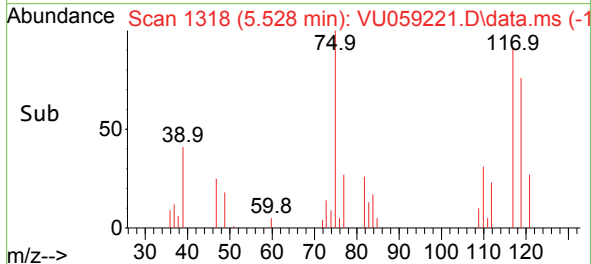
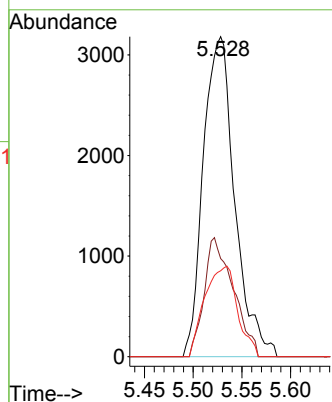
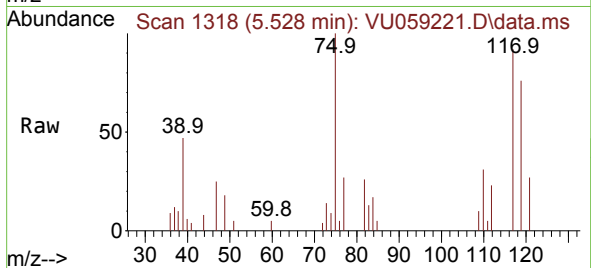
Tgt Ion: 75 Resp: 7134

Ion Ratio Lower Upper

75 100

110 34.5 17.0 50.9

77 29.5 24.6 36.8



#30

Carbon Tetrachloride

Concen: 0.524 ug/l m

RT: 5.518 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

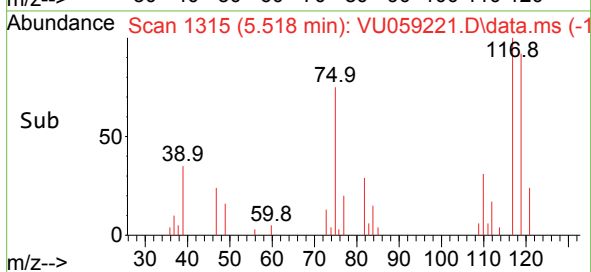
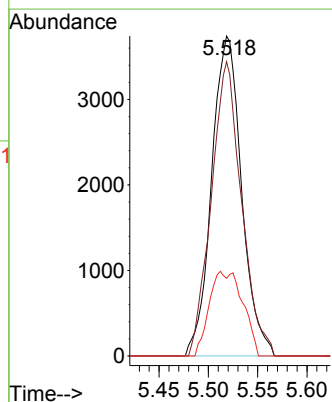
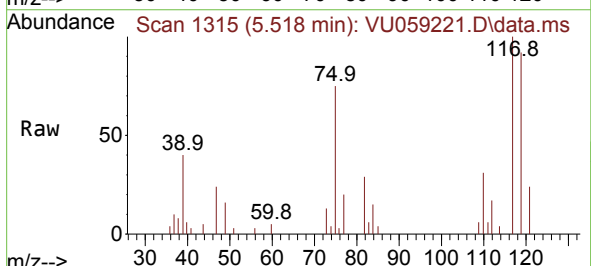
Tgt Ion: 117 Resp: 7891

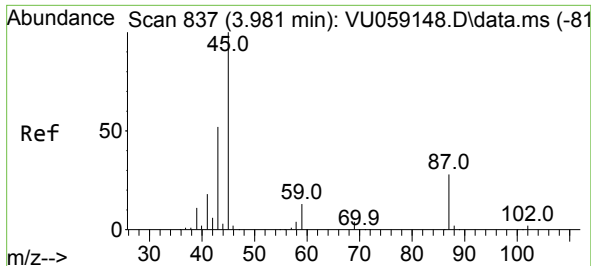
Ion Ratio Lower Upper

117 100

119 92.0 77.5 116.3

121 24.3 24.6 37.0#

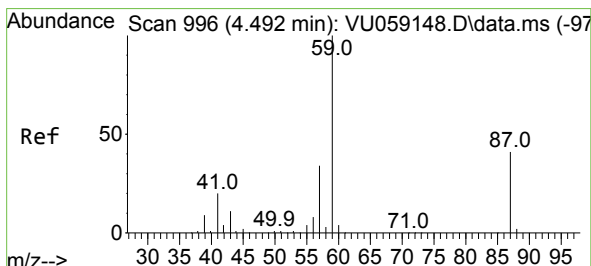
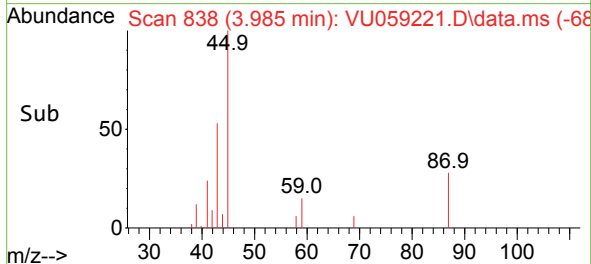
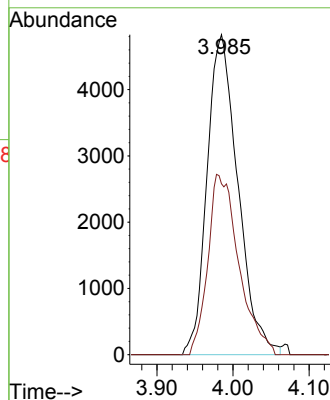
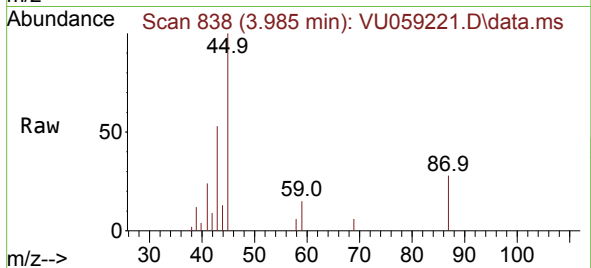




#31
Isopropyl Ether
Concen: 0.448 ug/l
RT: 3.985 min Scan# 837
Delta R.T. 0.004 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

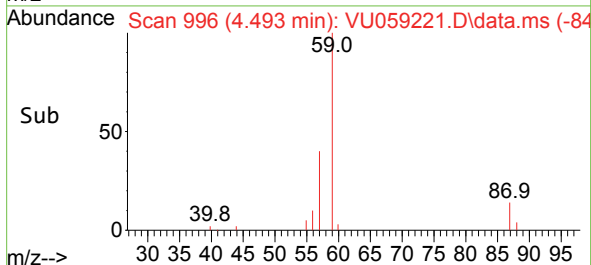
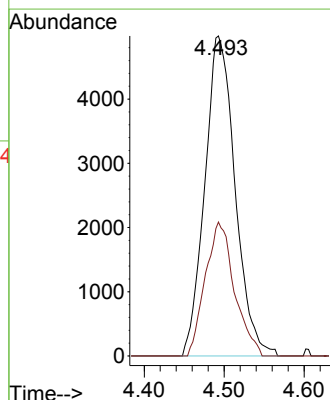
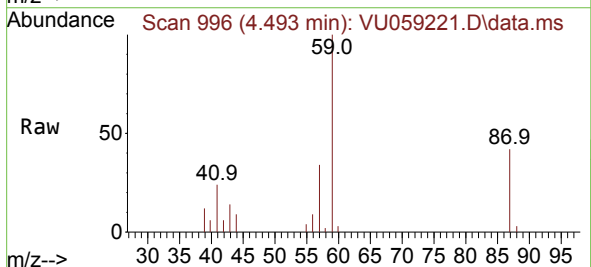
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

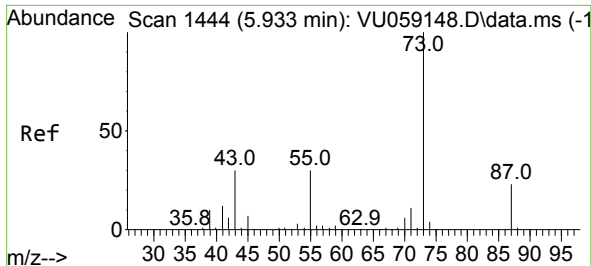
Tgt Ion: 45 Resp: 13600
Ion Ratio Lower Upper
45 100
43 56.6 26.1 78.3



#32
Ethyl-t-butyl ether
Concen: 0.465 ug/l
RT: 4.493 min Scan# 996
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion: 59 Resp: 13136
Ion Ratio Lower Upper
59 100
87 40.2 32.2 48.4

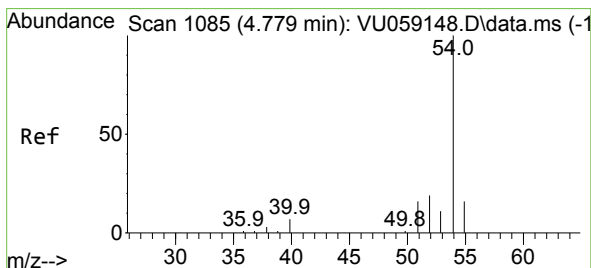
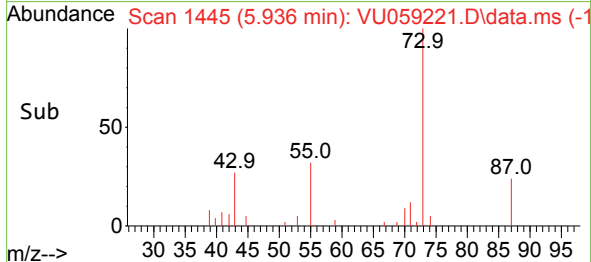
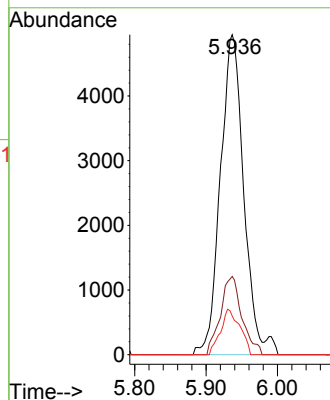
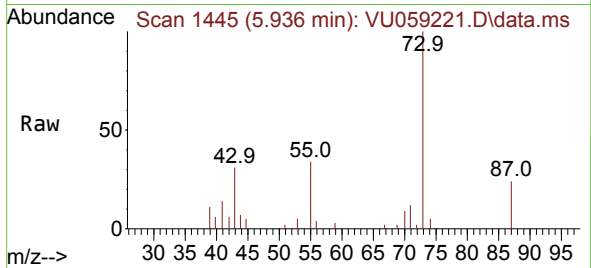




#33
Tert-Amyl methyl ether
Concen: 0.454 ug/l m
RT: 5.936 min Scan# 1444
Delta R.T. 0.004 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

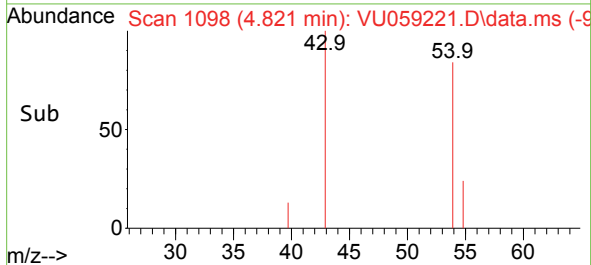
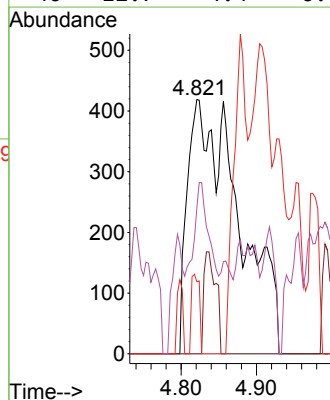
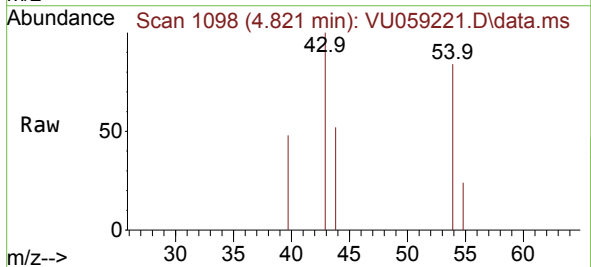
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

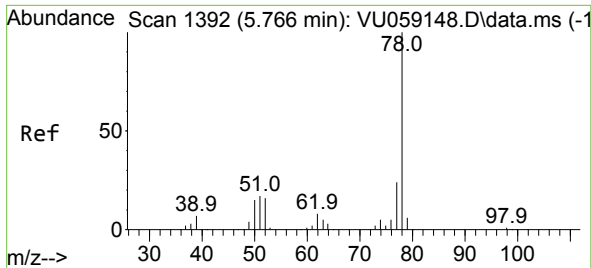
Tgt Ion: 73 Resp: 11317
Ion Ratio Lower Upper
73 100
87 22.4 18.6 27.8
71 11.7 9.1 13.7



#34
Propionitrile
Concen: 2.240 ug/l m
RT: 4.821 min Scan# 1098
Delta R.T. 0.042 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion: 54 Resp: 1983
Ion Ratio Lower Upper
54 100
52 9.2 15.2 22.8#
55 4.8 12.4 18.6#
40 12.7 4.4 6.6#





#35

Benzene

Concen: 0.495 ug/l

RT: 5.773 min Scan# 1400

Delta R.T. 0.007 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

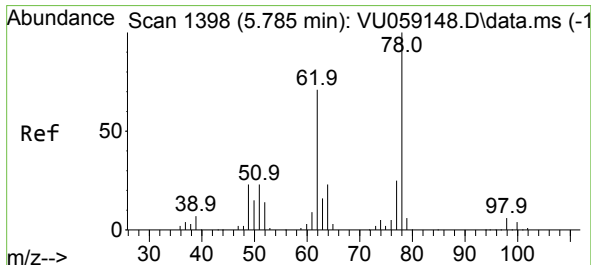
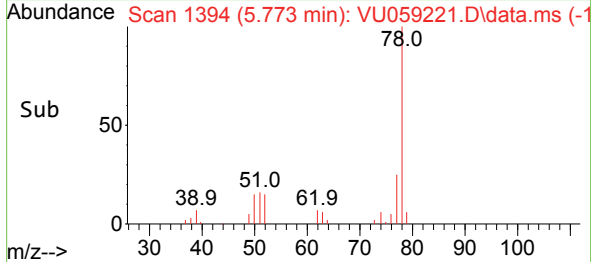
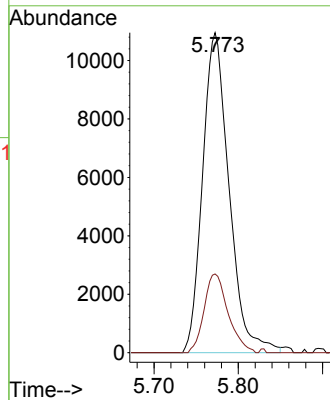
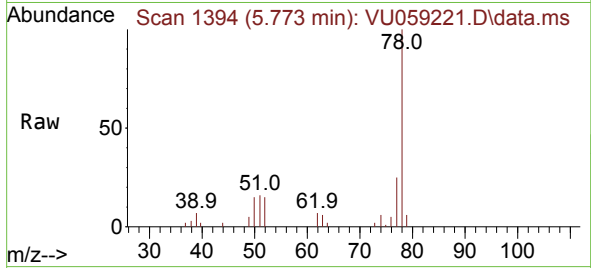
MDL-WATER-03-QT2-2024

Tgt Ion: 78 Resp: 23960

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.2



#36

1,2-Dichloroethane

Concen: 0.525 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU059221.D

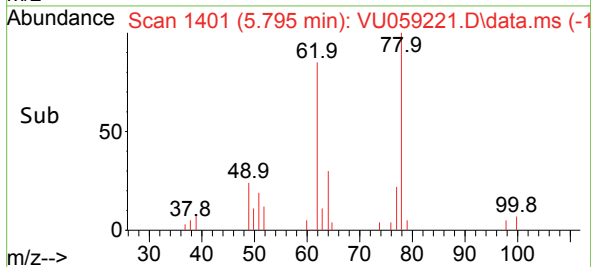
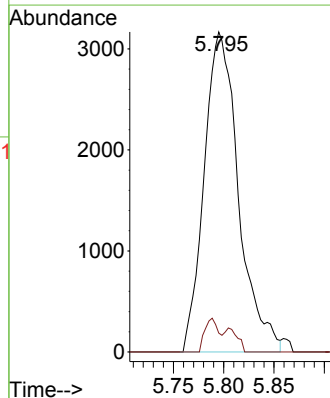
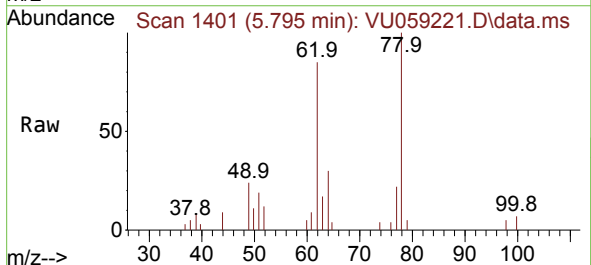
Acq: 12 Jun 2024 14:14

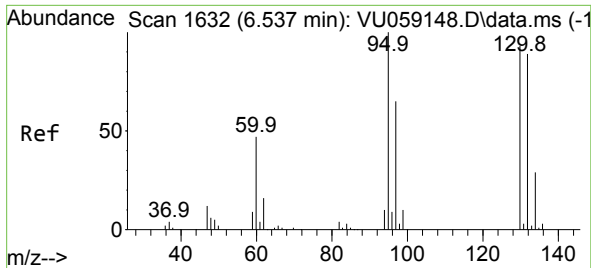
Tgt Ion: 62 Resp: 7523

Ion Ratio Lower Upper

62 100

98 4.3 6.7 10.1#





#37

Trichloroethene

Concen: 0.513 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

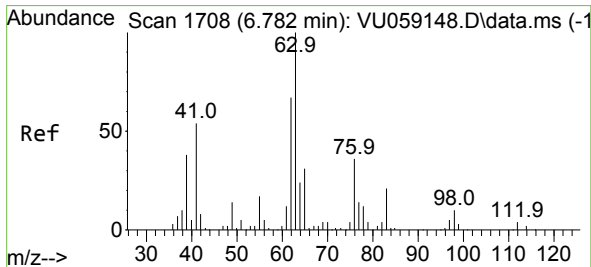
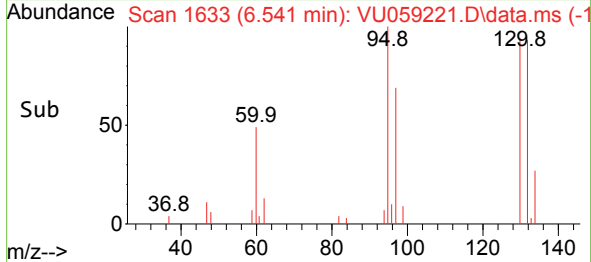
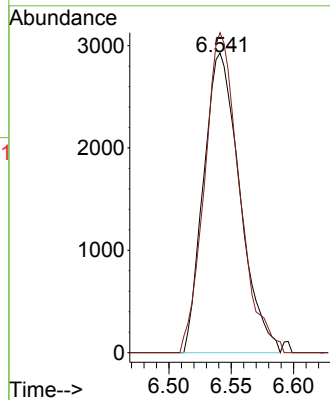
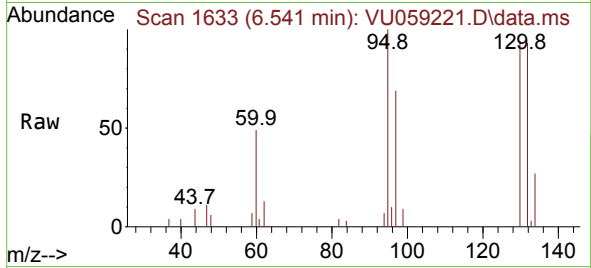
MDL-WATER-03-QT2-2024

Tgt Ion:130 Resp: 5924

Ion Ratio Lower Upper

130 100

95 106.8 85.6 128.4



#38

1,2-Dichloropropane

Concen: 0.488 ug/l

RT: 6.789 min Scan# 1710

Delta R.T. 0.007 min

Lab File: VU059221.D

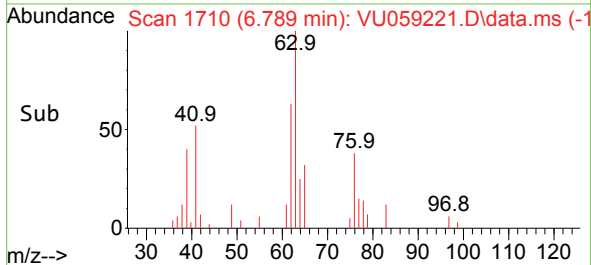
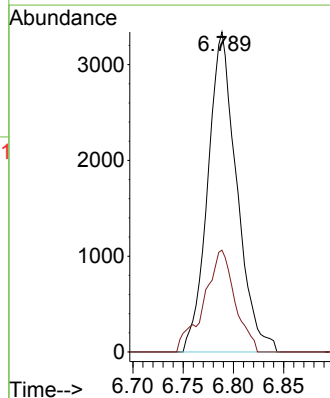
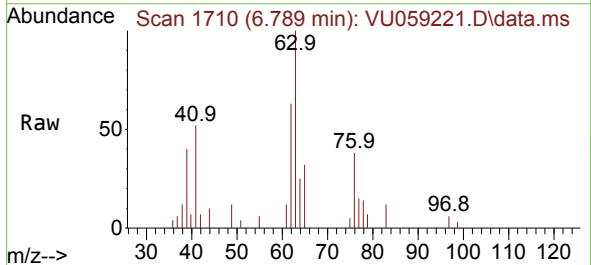
Acq: 12 Jun 2024 14:14

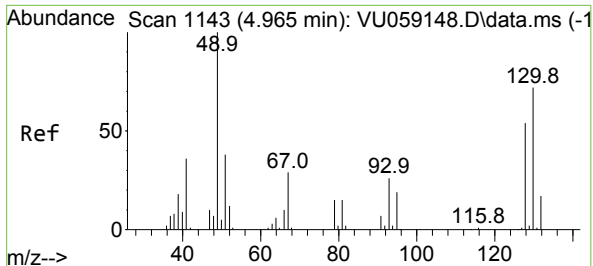
Tgt Ion: 63 Resp: 6695

Ion Ratio Lower Upper

63 100

65 31.8 24.6 37.0





#39

Methacrylonitrile

Concen: 0.400 ug/l m

RT: 4.998 min Scan# 1115

Delta R.T. 0.033 min

Lab File: VU059221.D

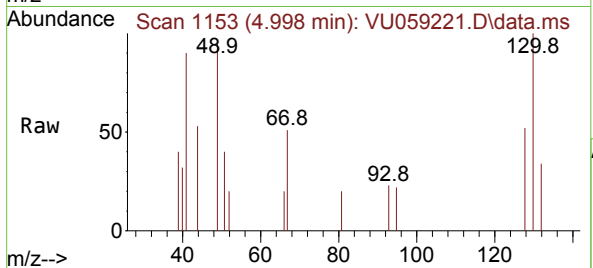
Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion: 41 Resp: 1321

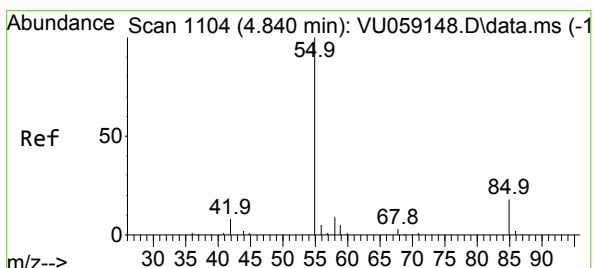
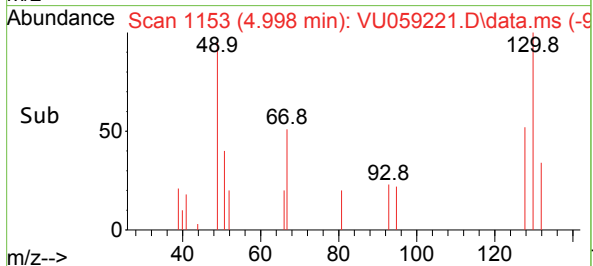
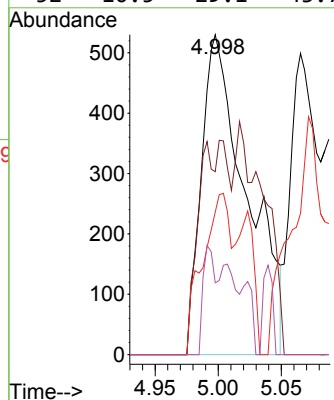
Ion Ratio Lower Upper

41 100

67 26.5 68.2 102.4#

39 33.2 43.4 65.2#

52 10.5 29.1 43.7#



#40

Methyl acrylate

Concen: 0.408 ug/l m

RT: 4.879 min Scan# 1116

Delta R.T. 0.039 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Tgt Ion: 55 Resp: 2361

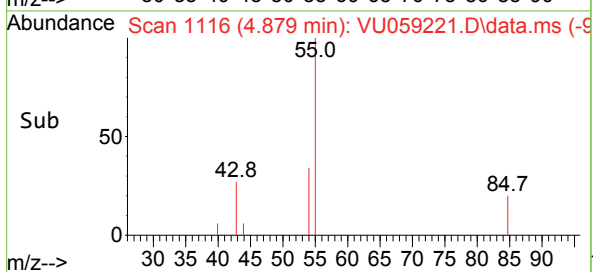
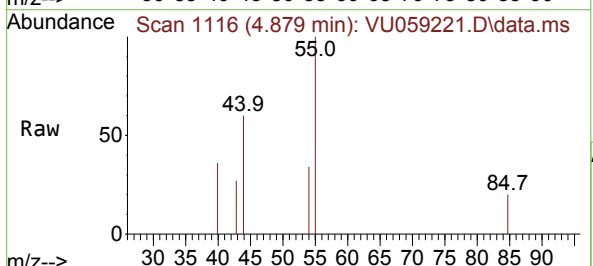
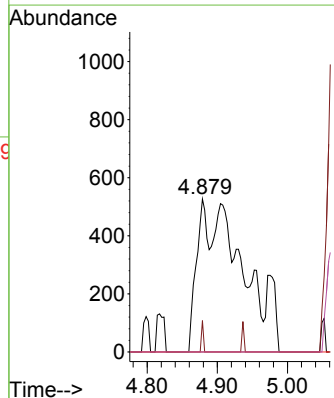
Ion Ratio Lower Upper

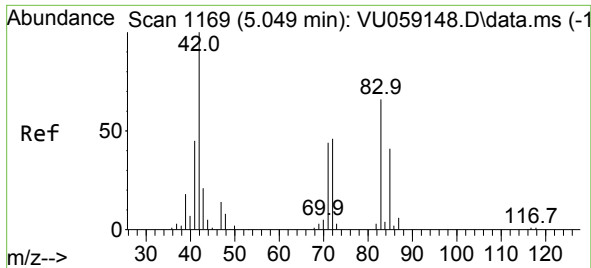
55 100

85 0.0 11.8 17.6#

58 0.0 6.0 9.0#

42 0.0 6.3 9.5#

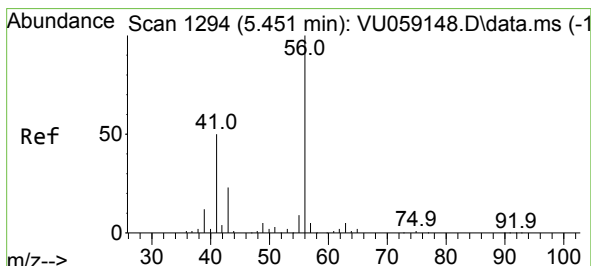
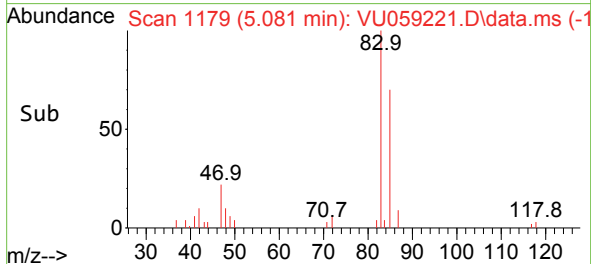
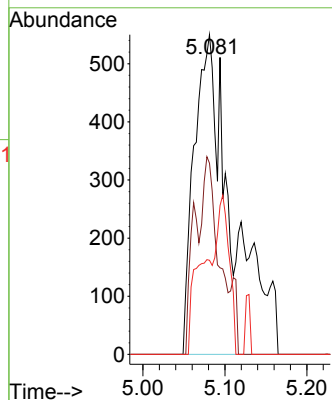
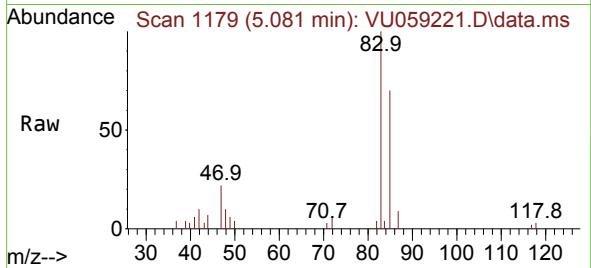




#41
Tetrahydrofuran
Concen: 0.999 ug/l m
RT: 5.081 min Scan# 1169
Delta R.T. 0.033 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

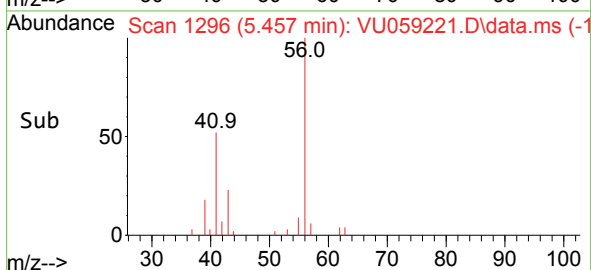
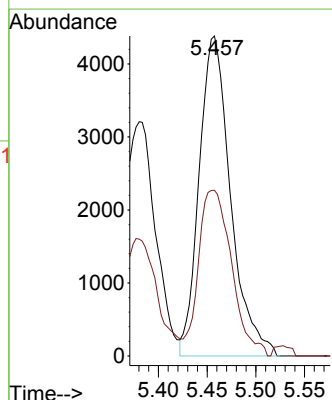
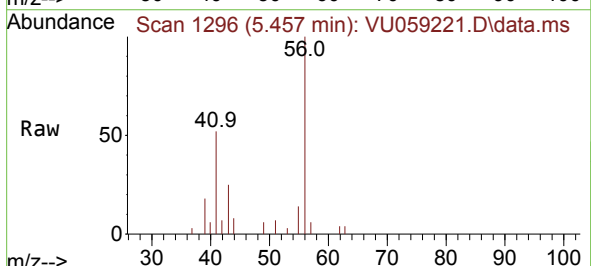
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

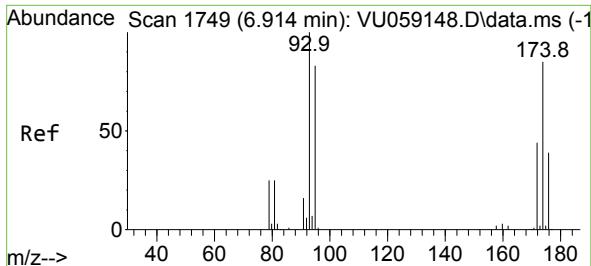
Tgt Ion: 42 Resp: 1763
Ion Ratio Lower Upper
42 100
72 17.3 40.7 61.1#
71 14.8 36.5 54.7#



#42
1-Chlorobutane
Concen: 0.463 ug/l
RT: 5.457 min Scan# 1296
Delta R.T. 0.007 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

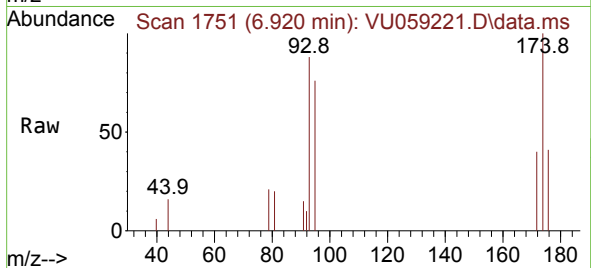
Tgt Ion: 56 Resp: 9829
Ion Ratio Lower Upper
56 100
41 54.4 25.7 77.1



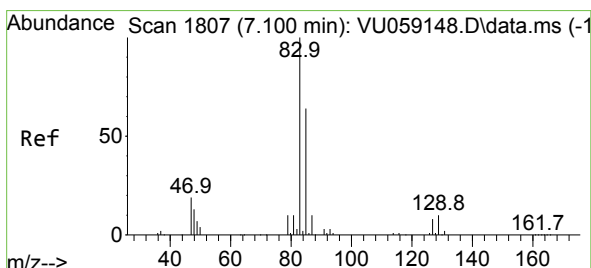
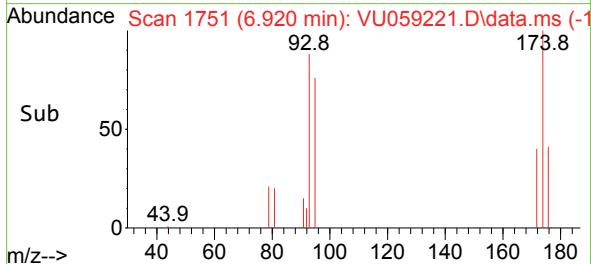
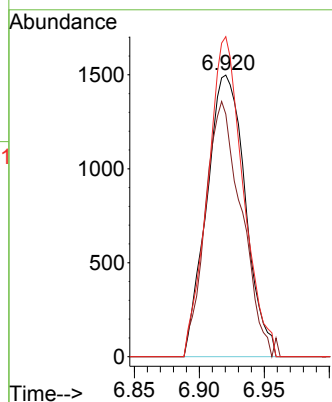


#43
Dibromomethane
Concen: 0.497 ug/l
RT: 6.920 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

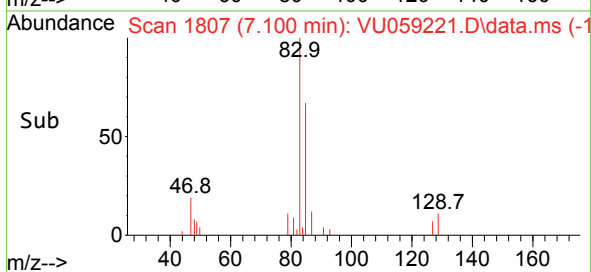
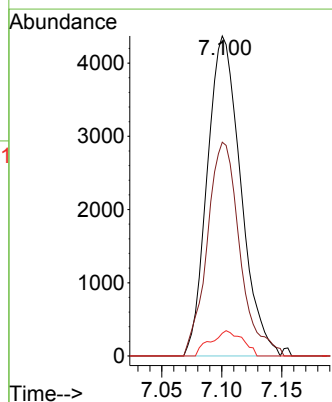
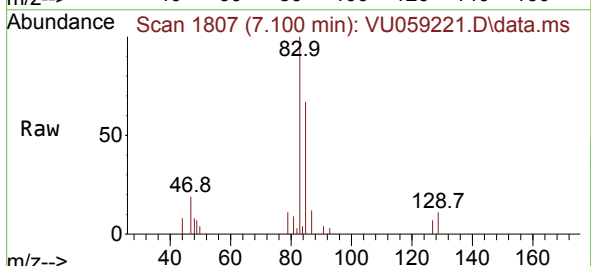


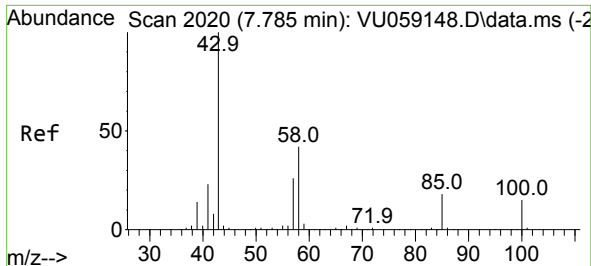
Tgt Ion: 93 Resp: 3091
Ion Ratio Lower Upper
93 100
95 85.3 66.1 99.1
174 104.2 67.2 100.8#



#44
Bromodichloromethane
Concen: 0.526 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion: 83 Resp: 8473
Ion Ratio Lower Upper
83 100
85 66.8 51.0 76.4
127 7.1 6.4 9.6

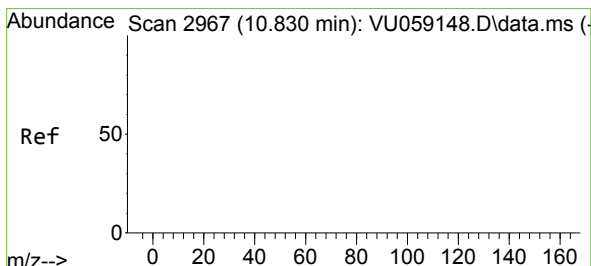
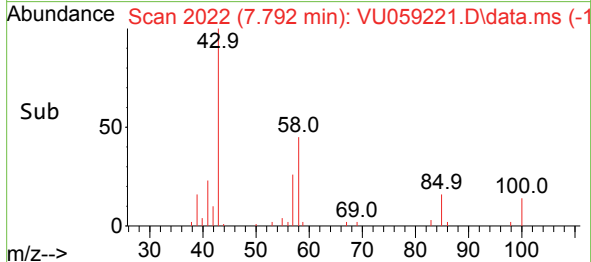
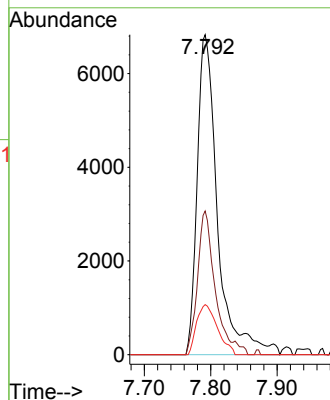
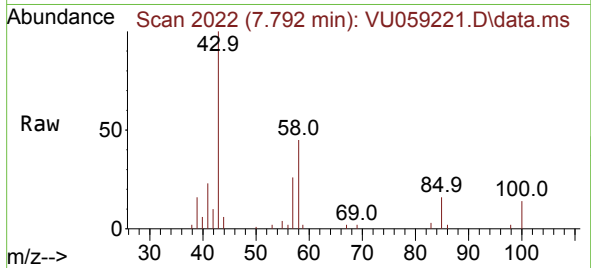




#45
4-Methyl-2-Pentanone
Concen: 2.181 ug/l m
RT: 7.792 min Scan# 2020
Delta R.T. 0.007 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

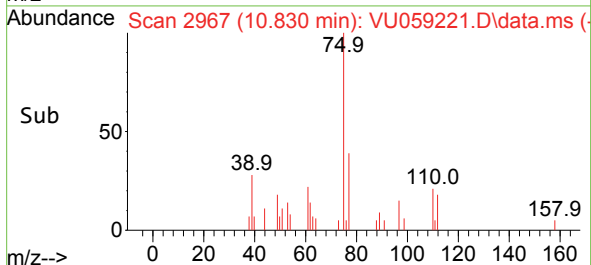
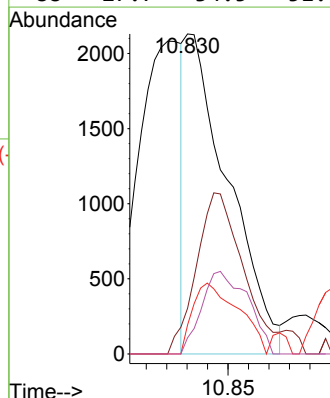
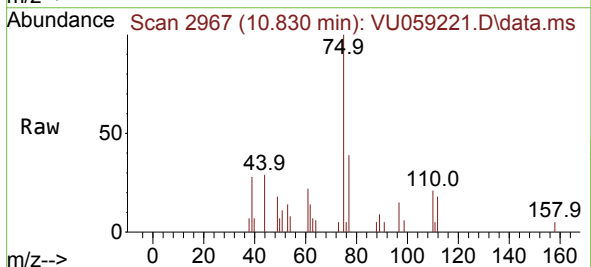
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

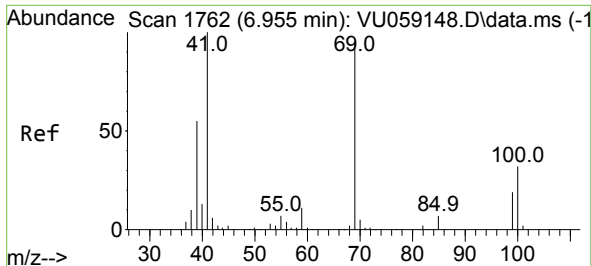
Tgt Ion: 43 Resp: 14540
Ion Ratio Lower Upper
43 100
58 39.4 21.1 63.3
85 16.0 14.6 22.0



#46
t-1,4-Dichloro-2-butene
Concen: 1.101 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion: 75 Resp: 3115
Ion Ratio Lower Upper
75 100
53 57.4 72.2 108.4#
89 23.5 47.0 70.4#
88 27.7 34.5 51.7#





#47

Methyl methacrylate

Concen: 0.832 ug/l m

RT: 6.969 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 69 Resp: 4445

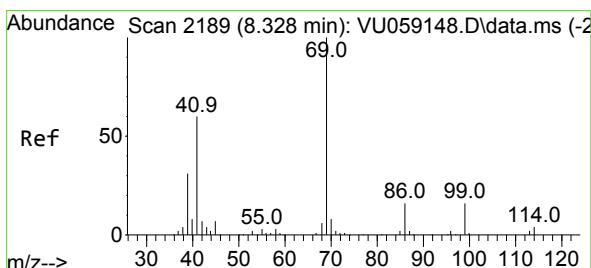
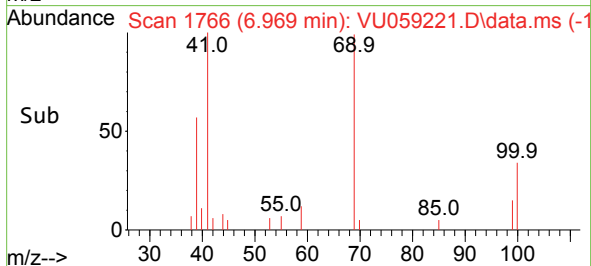
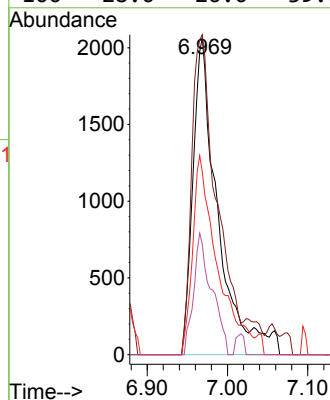
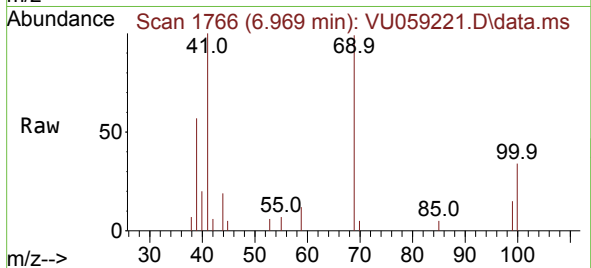
Ion Ratio Lower Upper

69 100

41 101.6 0.0 208.8

39 62.2 46.0 69.0

100 28.0 26.0 39.0



#48

Ethyl methacrylate

Concen: 0.388 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.007 min

Lab File: VU059221.D

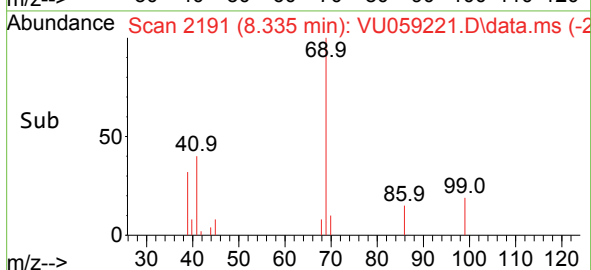
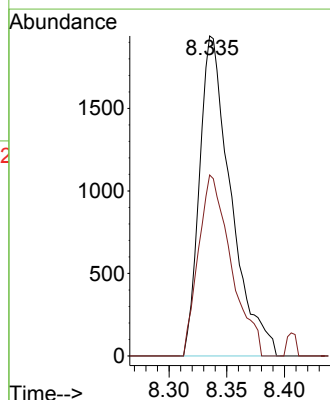
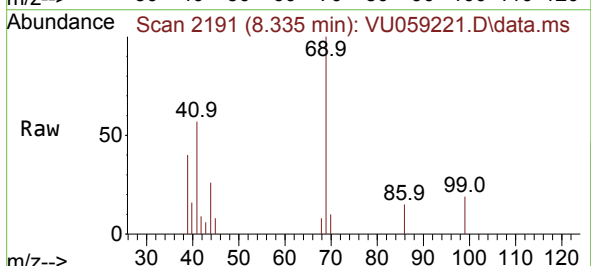
Acq: 12 Jun 2024 14:14

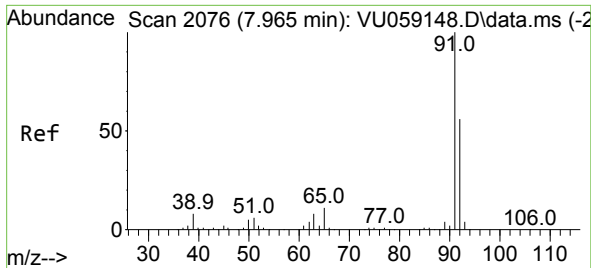
Tgt Ion: 69 Resp: 3657

Ion Ratio Lower Upper

69 100

41 58.8 30.2 90.6





#49

Toluene

Concen: 0.475 ug/l m

RT: 7.969 min Scan# 2076

Delta R.T. 0.004 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

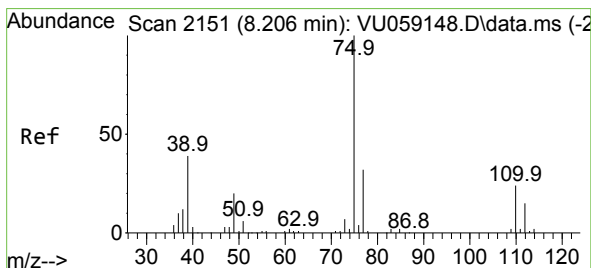
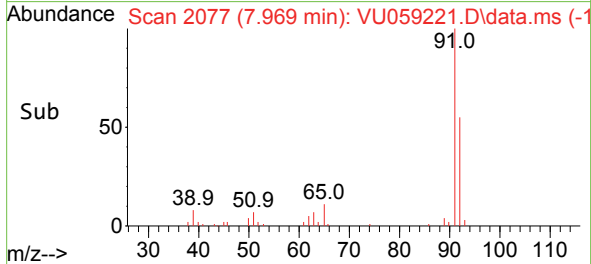
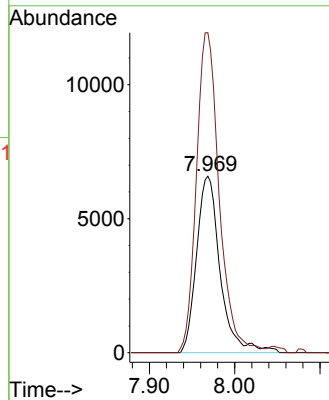
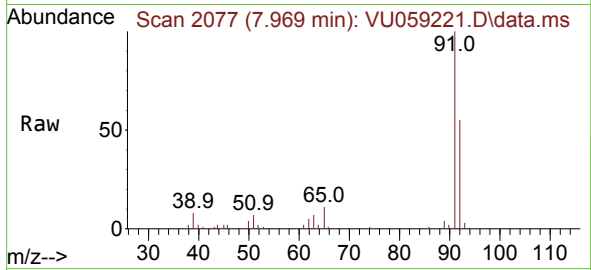
MDL-WATER-03-QT2-2024

Tgt Ion: 92 Resp: 12653

Ion Ratio Lower Upper

92 100

91 175.7 143.4 215.0



#50

t-1,3-Dichloropropene

Concen: 0.427 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.007 min

Lab File: VU059221.D

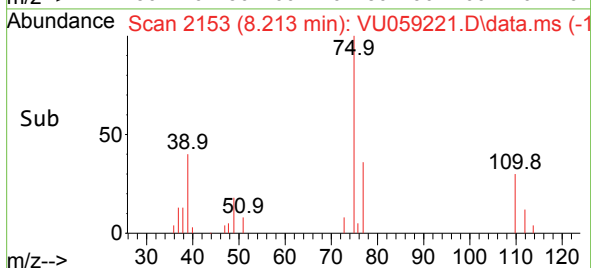
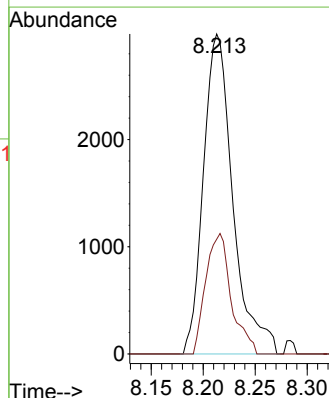
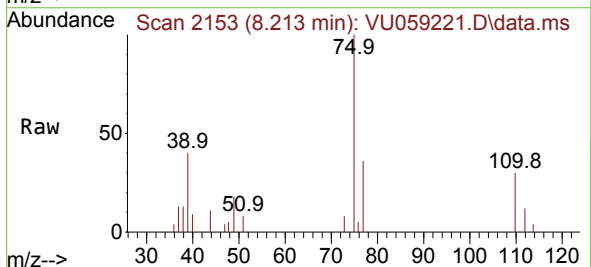
Acq: 12 Jun 2024 14:14

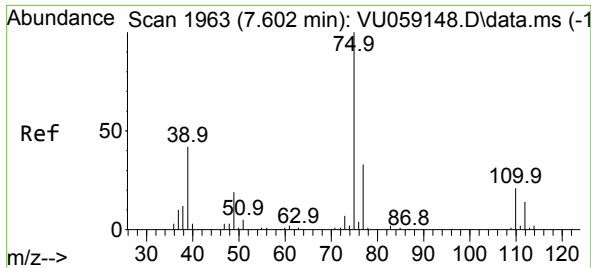
Tgt Ion: 75 Resp: 5885

Ion Ratio Lower Upper

75 100

77 35.8 25.3 37.9

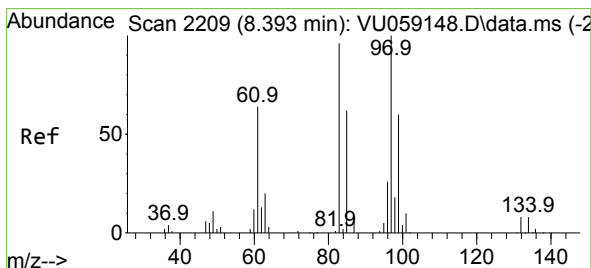
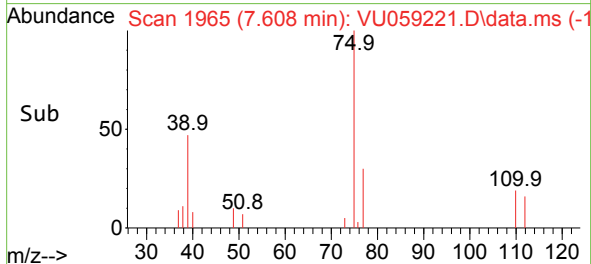
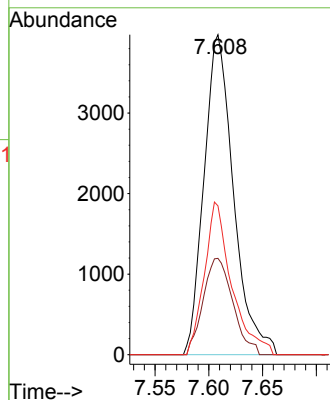
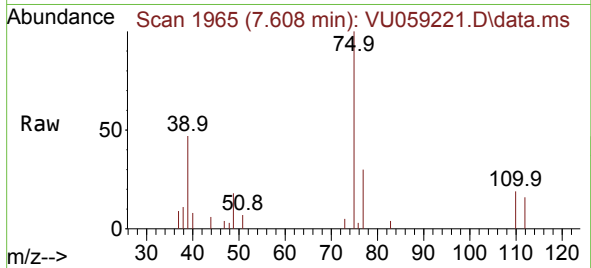




#51
 cis-1,3-Dichloropropene
 Concen: 0.449 ug/l
 RT: 7.608 min Scan# 1963
 Delta R.T. 0.007 min
 Lab File: VU059221.D
 Acq: 12 Jun 2024 14:14

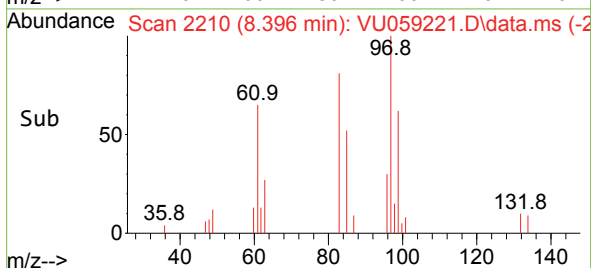
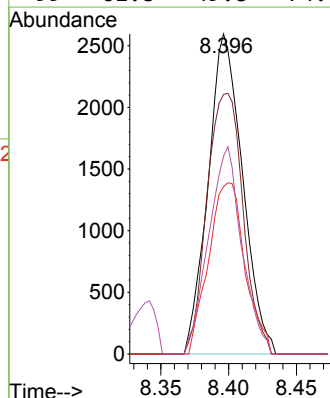
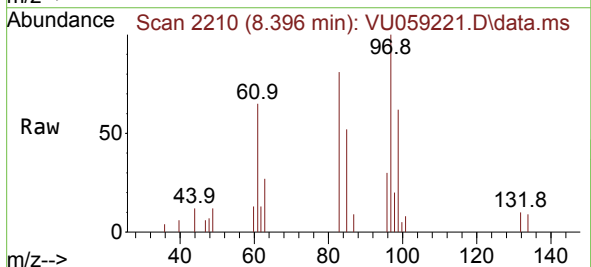
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2024

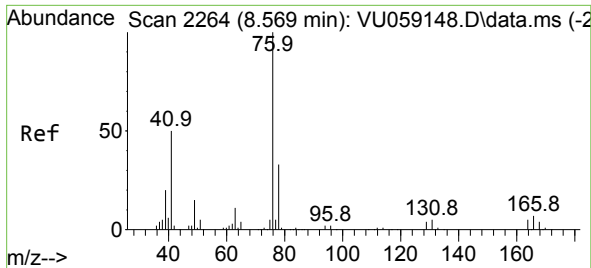
Tgt Ion:	75	Resp:	7576
Ion	Ratio	Lower	Upper
75	100		
77	30.1	26.0	39.0
39	46.5	33.2	49.8



#52
 1,1,2-Trichloroethane
 Concen: 0.499 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.004 min
 Lab File: VU059221.D
 Acq: 12 Jun 2024 14:14

Tgt Ion:	97	Resp:	4586
Ion	Ratio	Lower	Upper
97	100		
83	81.1	76.4	114.6
85	52.3	49.6	74.4
99	61.8	49.8	74.8





#53

1,3-Dichloropropane

Concen: 0.509 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

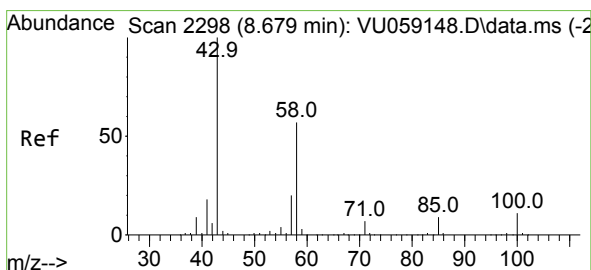
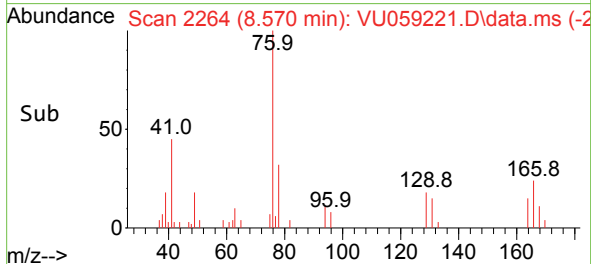
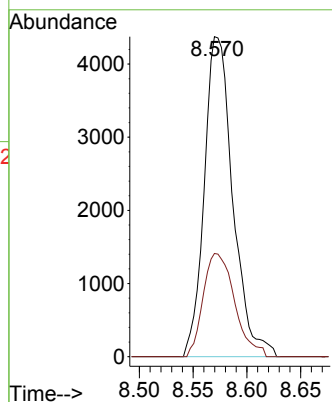
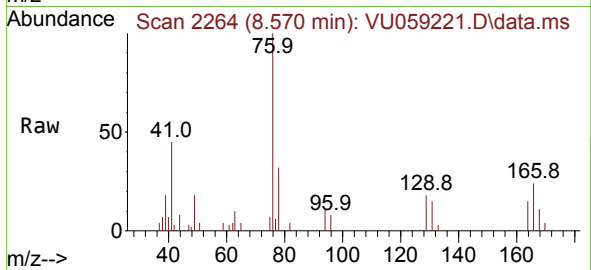
MDL-WATER-03-QT2-2024

Tgt Ion: 76 Resp: 8060

Ion Ratio Lower Upper

76 100

78 35.5 25.4 38.2



#54

2-Hexanone

Concen: 2.063 ug/l m

RT: 8.692 min Scan# 2302

Delta R.T. 0.013 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

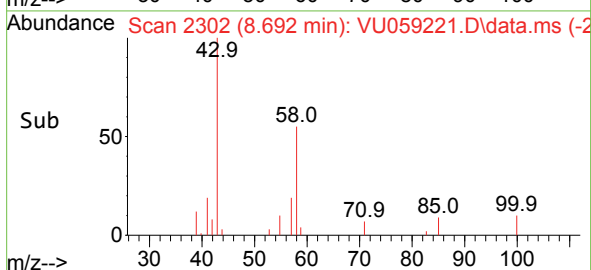
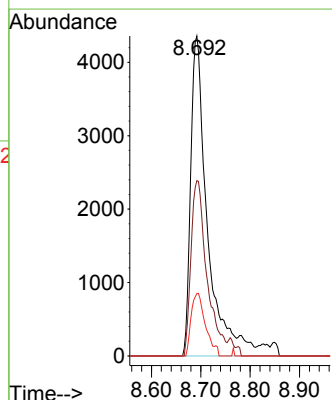
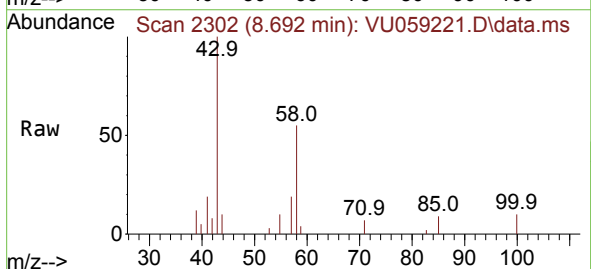
Tgt Ion: 43 Resp: 10659

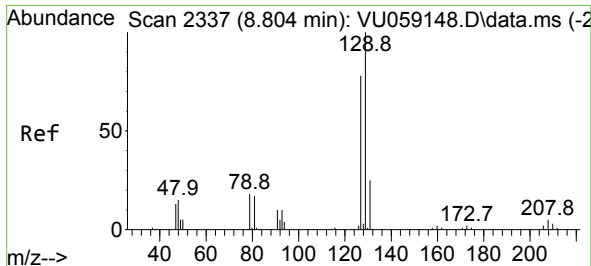
Ion Ratio Lower Upper

43 100

58 50.3 38.6 78.6

57 16.1 0.0 39.5

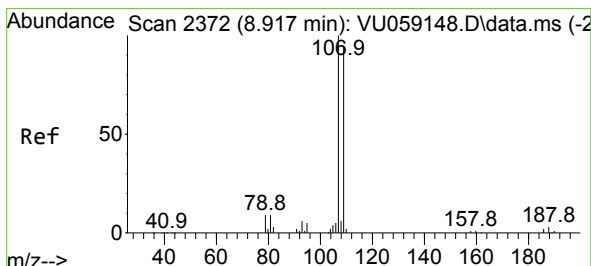
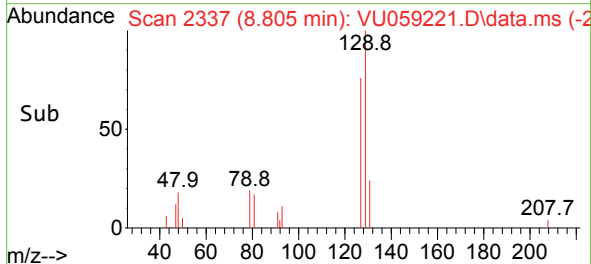
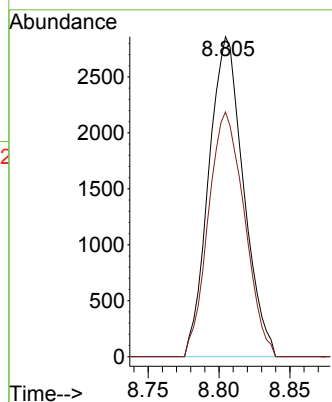
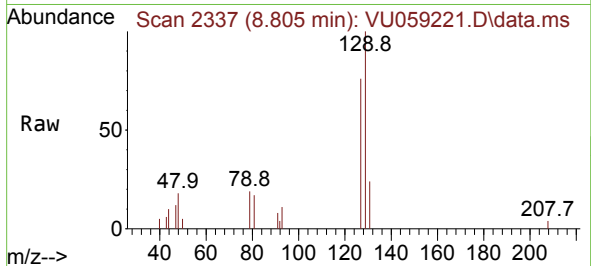




#55
Dibromochloromethane
Concen: 0.489 ug/l
RT: 8.805 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

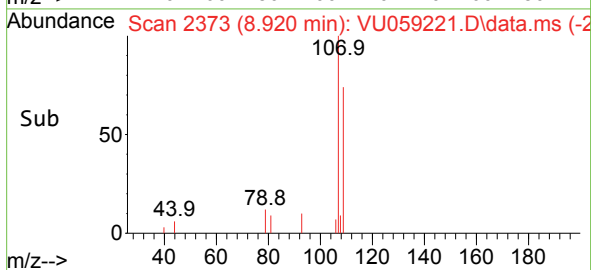
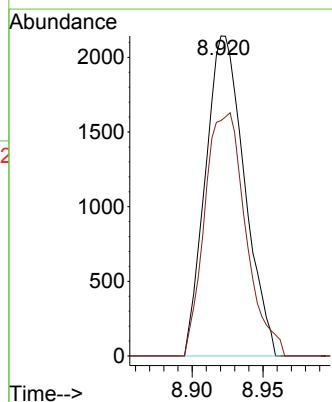
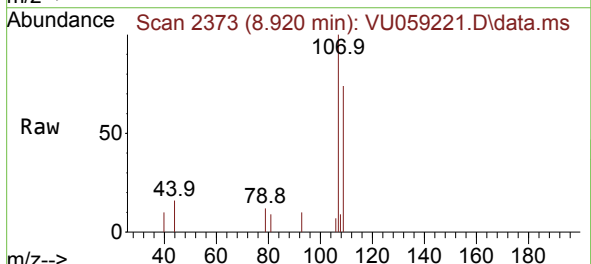
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

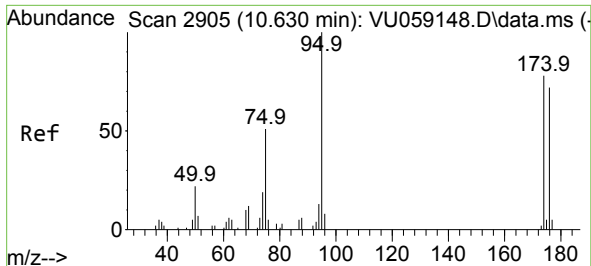
Tgt Ion:129 Resp: 4866
Ion Ratio Lower Upper
129 100
127 79.6 61.9 92.9



#56
1,2-Dibromoethane
Concen: 0.508 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.004 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion:107 Resp: 4097
Ion Ratio Lower Upper
107 100
109 79.8 0.0 188.2





#57

4-Bromofluorobenzene

Concen: 0.879 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.000 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024

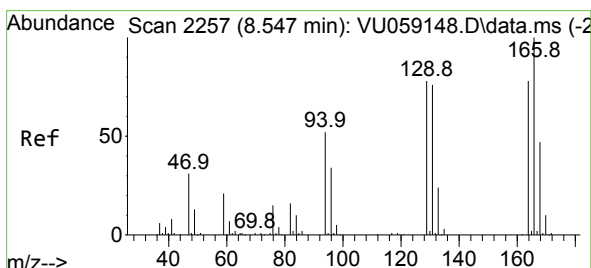
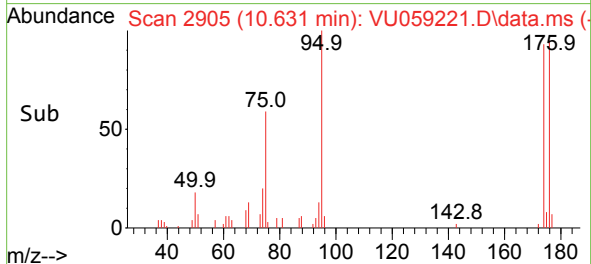
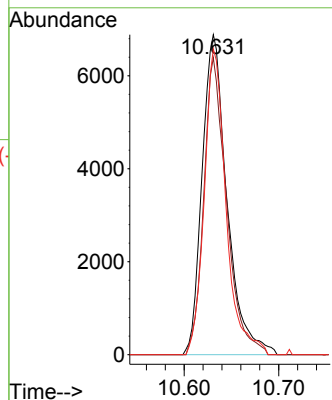
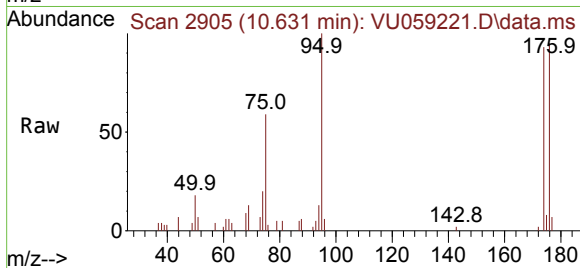
Tgt Ion: 95 Resp: 12579

Ion Ratio Lower Upper

95 100

174 85.2 59.6 89.4

176 83.8 57.3 85.9



#58

Tetrachloroethene

Concen: 0.509 ug/l

RT: 8.551 min Scan# 2258

Delta R.T. 0.004 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Tgt Ion: 164 Resp: 5424

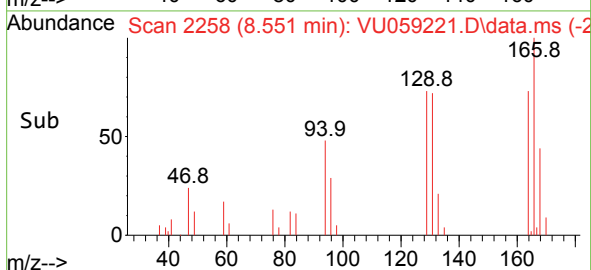
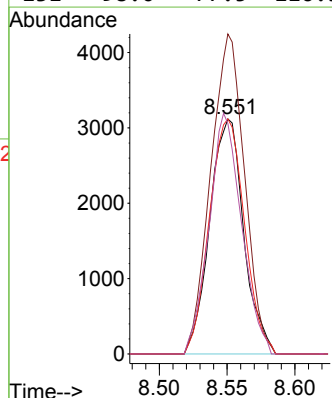
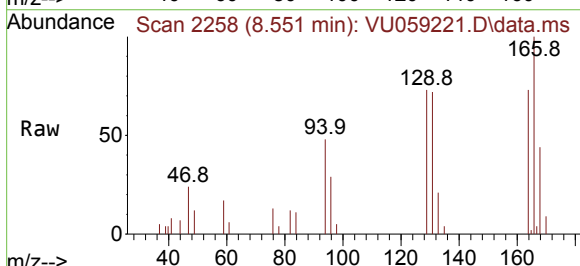
Ion Ratio Lower Upper

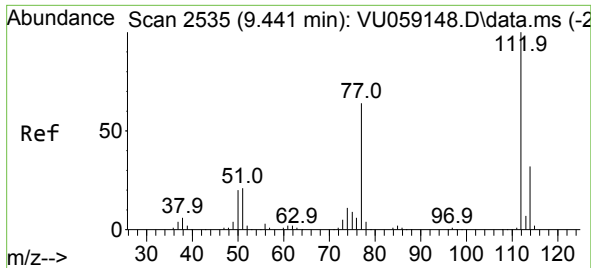
164 100

166 136.1 102.6 153.8

129 100.0 80.3 120.5

131 98.0 77.5 116.3

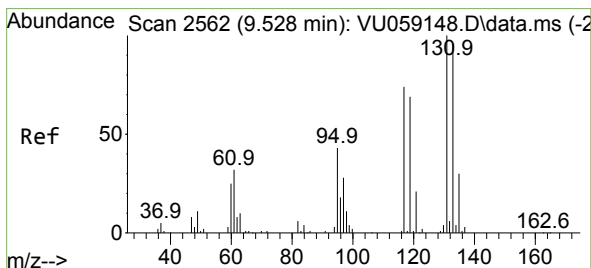
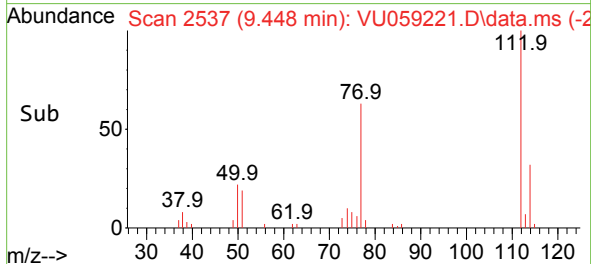
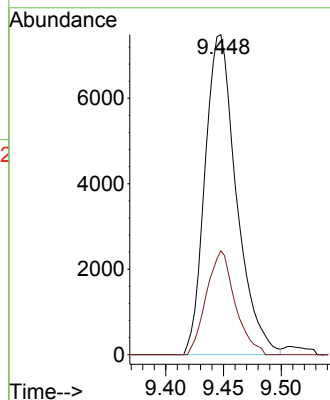
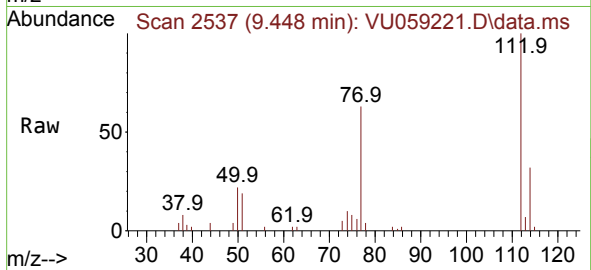




#59
Chlorobenzene
Concen: 0.487 ug/l
RT: 9.448 min Scan# 2537
Delta R.T. 0.007 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

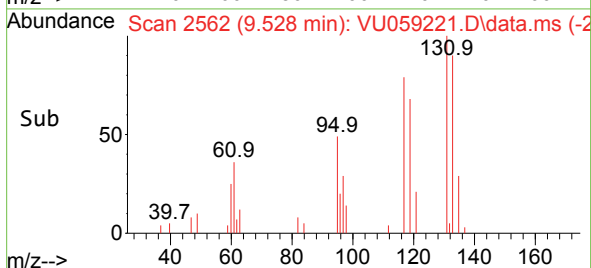
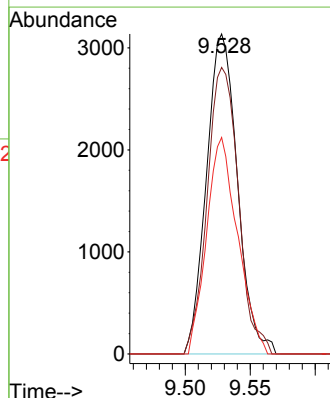
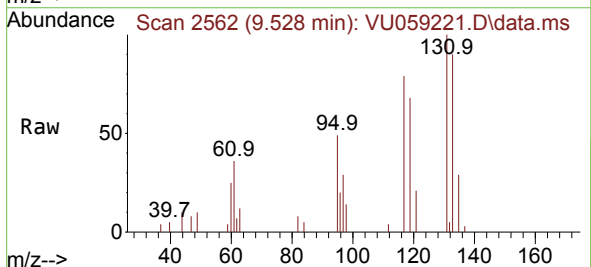
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

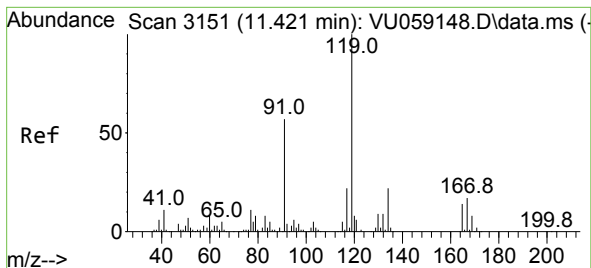
Tgt Ion:112 Resp: 14185
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.499 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion:131 Resp: 5203
Ion Ratio Lower Upper
131 100
133 90.2 76.7 115.1
119 67.9 55.3 82.9





#61

Pentachloroethane

Concen: 0.435 ug/l

RT: 11.419 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

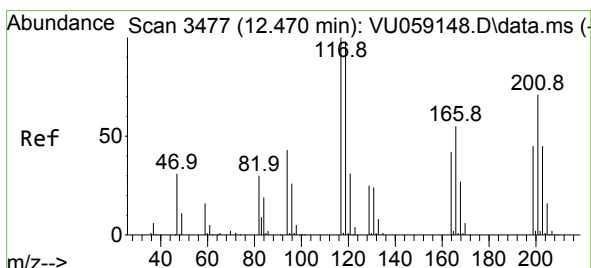
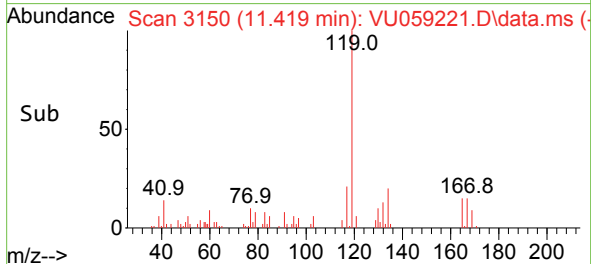
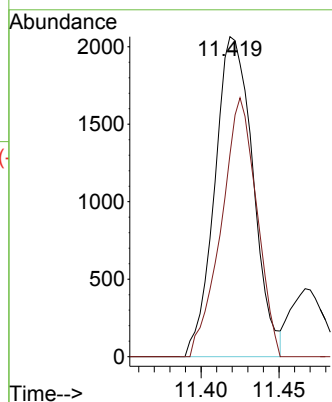
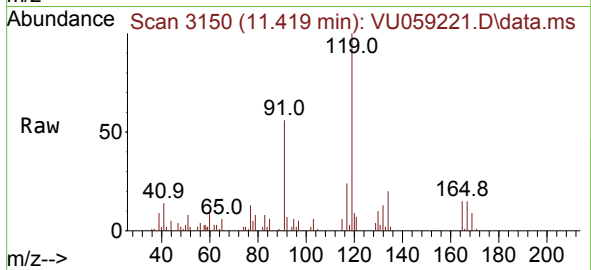
MDL-WATER-03-QT2-2024

Tgt Ion:117 Resp: 3519

Ion Ratio Lower Upper

117 100

167 74.8 58.1 87.1



#62

Hexachloroethane

Concen: 0.458 ug/l

RT: 12.467 min Scan# 3476

Delta R.T. -0.003 min

Lab File: VU059221.D

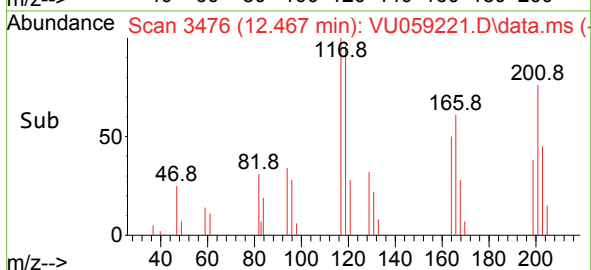
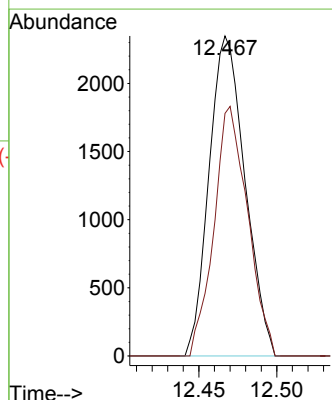
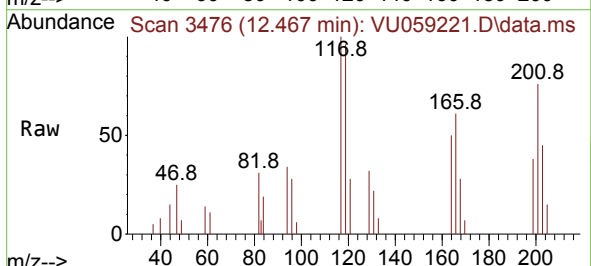
Acq: 12 Jun 2024 14:14

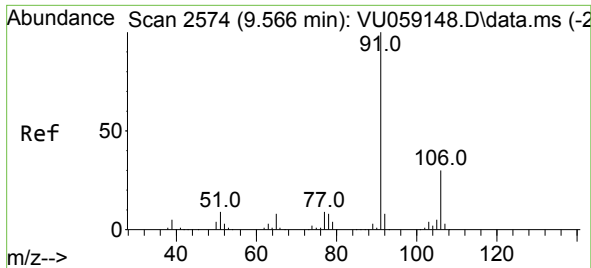
Tgt Ion:117 Resp: 3767

Ion Ratio Lower Upper

117 100

201 73.3 55.8 83.8

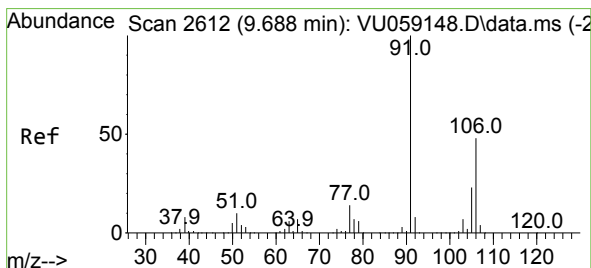
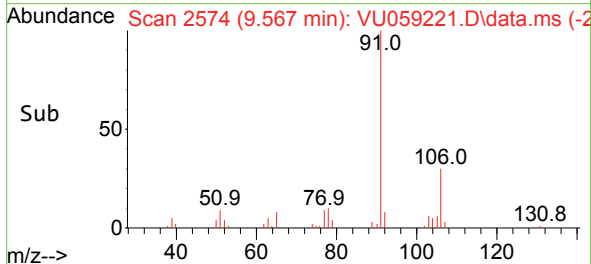
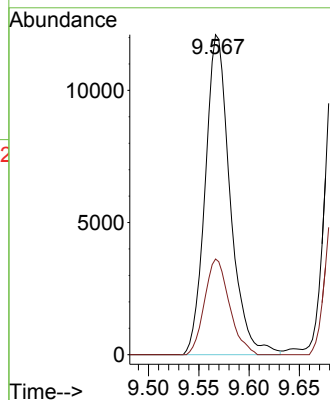
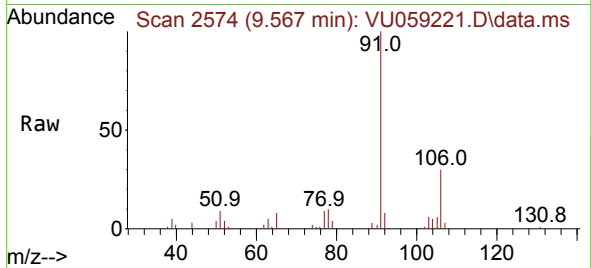




#63
Ethyl Benzene
Concen: 0.424 ug/l
RT: 9.567 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

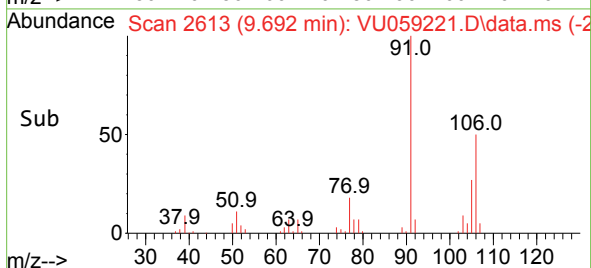
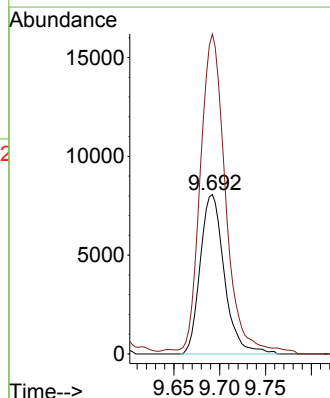
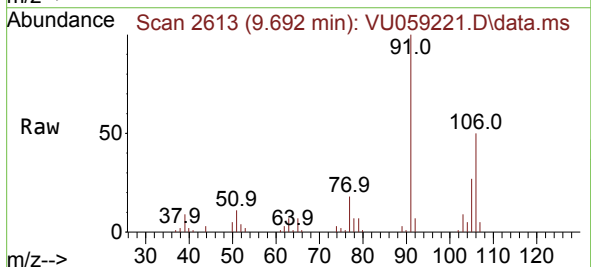
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

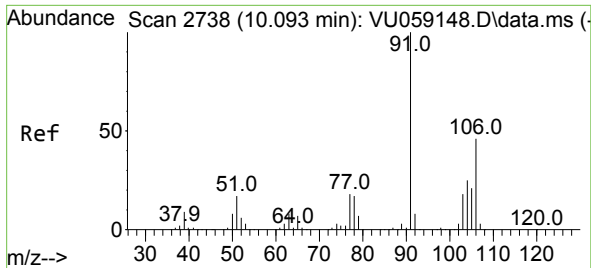
Tgt Ion: 91 Resp: 20858
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9



#64
m/p-Xylenes
Concen: 0.796 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.004 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion: 106 Resp: 14778
Ion Ratio Lower Upper
106 100
91 210.7 166.4 249.6

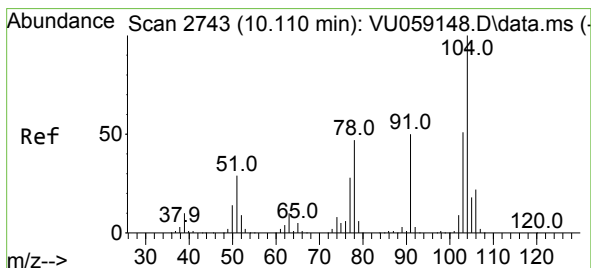
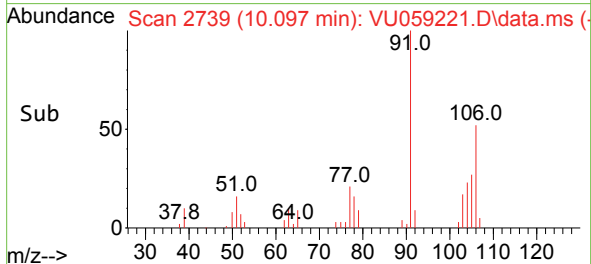
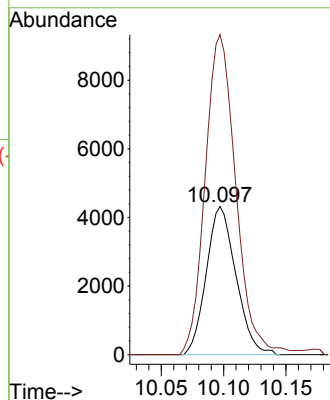
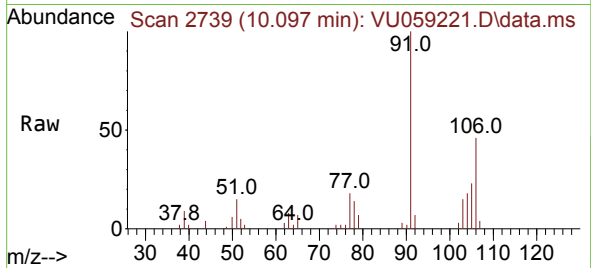




#65
o-Xylene
Concen: 0.391 ug/l
RT: 10.097 min Scan# 2738
Delta R.T. 0.004 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

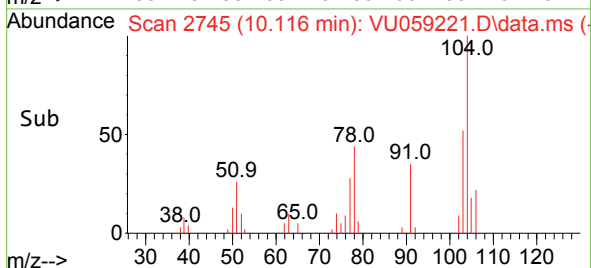
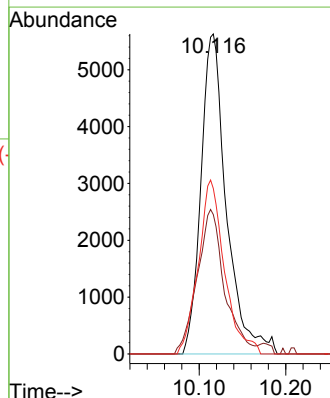
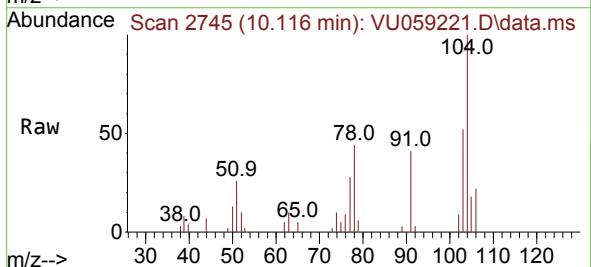
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

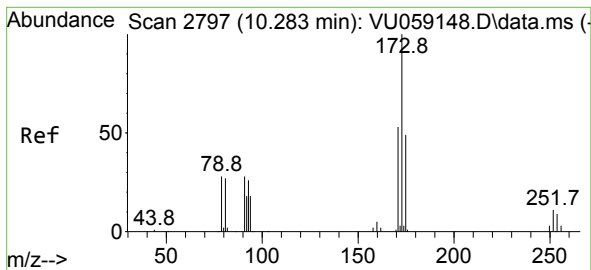
Tgt Ion:106 Resp: 7147
Ion Ratio Lower Upper
106 100
91 223.0 110.7 332.1



#66
Styrene
Concen: 0.394 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.007 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion:104 Resp: 11522
Ion Ratio Lower Upper
104 100
78 48.6 41.6 62.4
103 55.6 44.6 66.8





#67

Bromoform

Concen: 0.470 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024

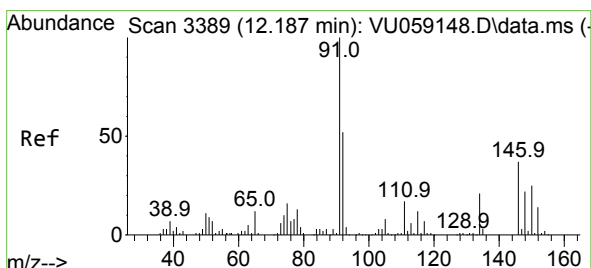
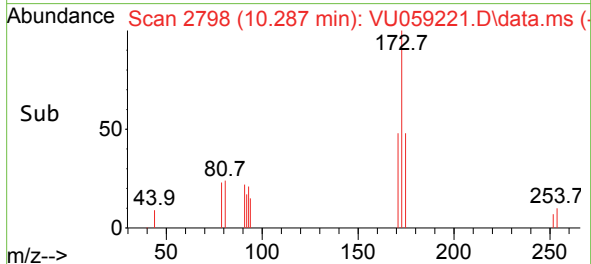
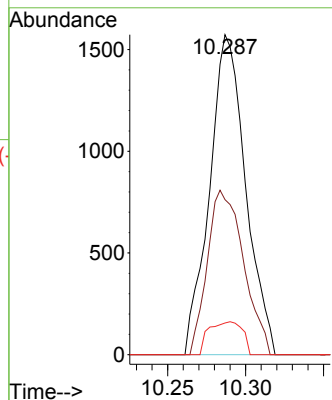
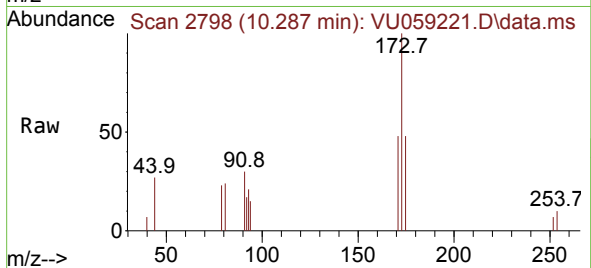
Tgt Ion:173 Resp: 2530

Ion Ratio Lower Upper

173 100

175 51.6 40.1 60.1

254 9.6 7.0 10.4



#68

1,2-Dichlorobenzene-d4

Concen: 0.964 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.004 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

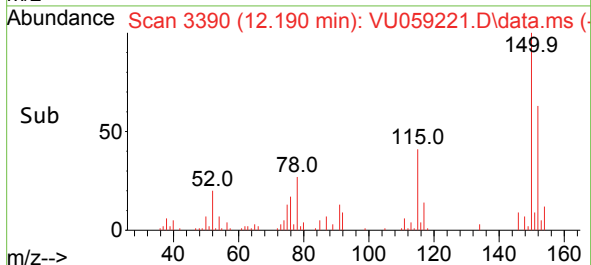
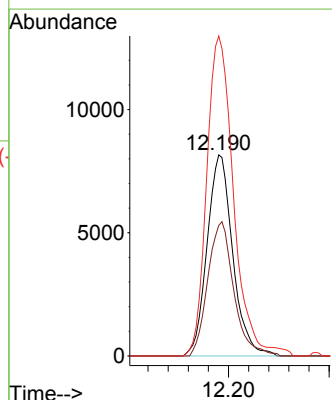
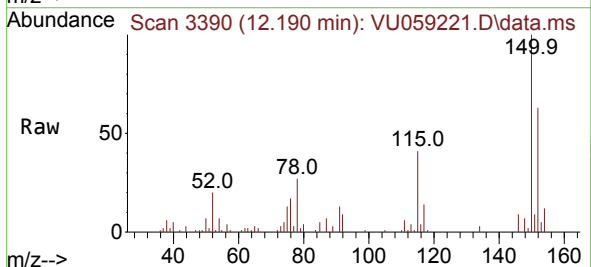
Tgt Ion:152 Resp: 14446

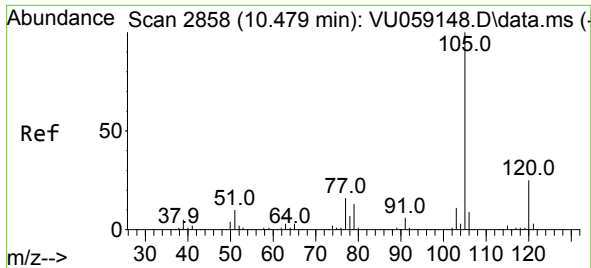
Ion Ratio Lower Upper

152 100

115 67.6 0.0 293.2

150 166.4 0.0 636.0

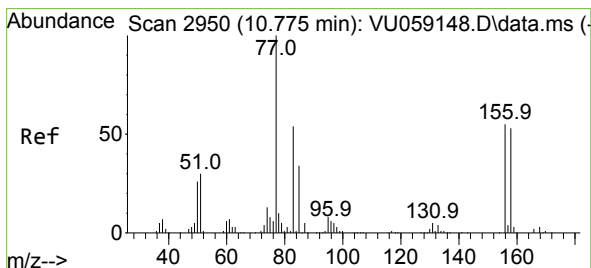
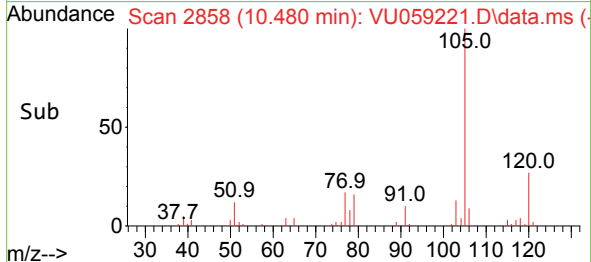
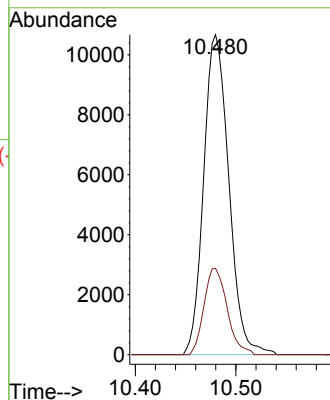
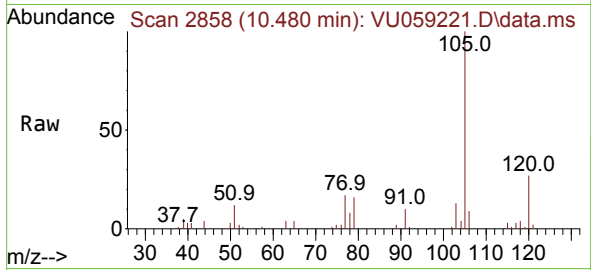




#69
Isopropylbenzene
Concen: 0.396 ug/l
RT: 10.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

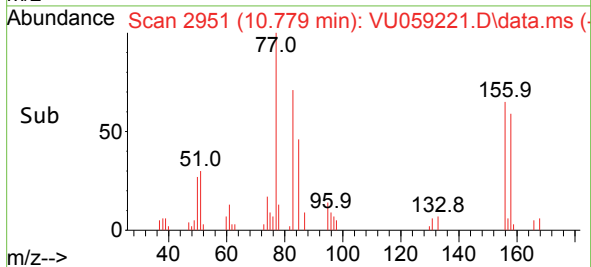
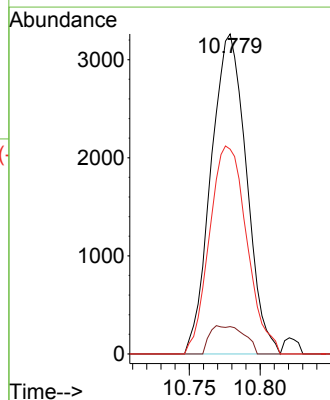
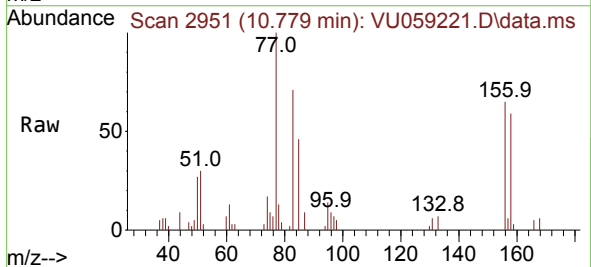
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

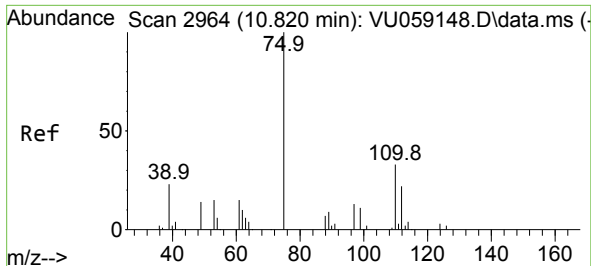
Tgt Ion:105 Resp: 18557
Ion Ratio Lower Upper
105 100
120 24.8 12.7 38.0



#70
1,1,2,2-Tetrachloroethane
Concen: 0.491 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.004 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion: 83 Resp: 5666
Ion Ratio Lower Upper
83 100
131 8.5 6.6 10.0
85 68.6 50.1 75.1

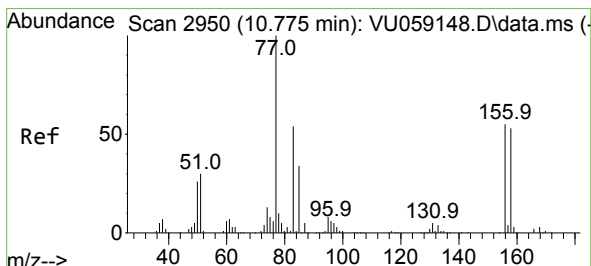
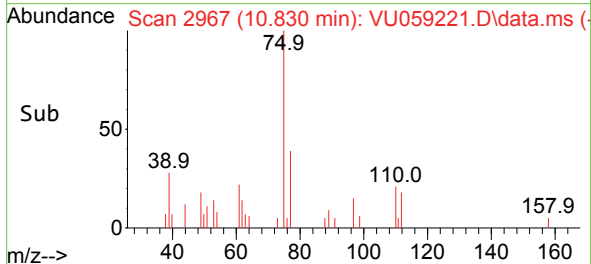
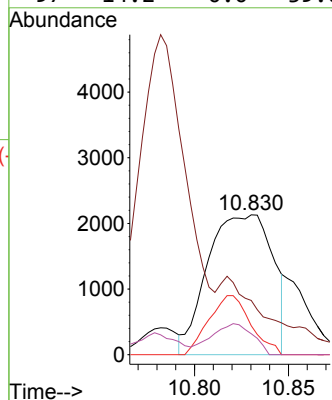
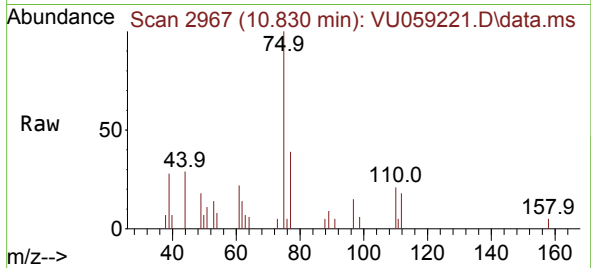




#71
1,2,3-Trichloropropane
Concen: 0.581 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. 0.010 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

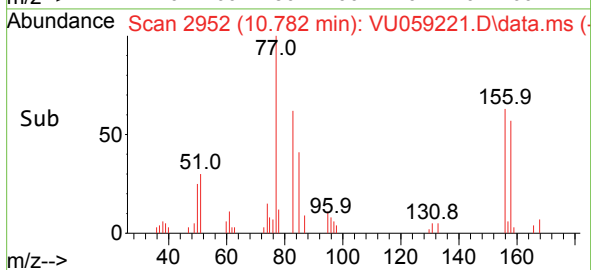
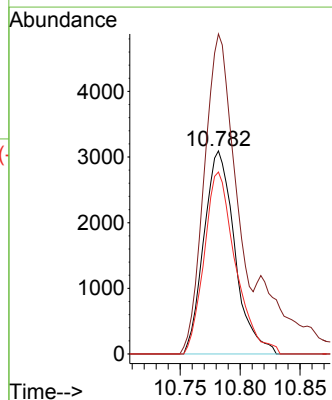
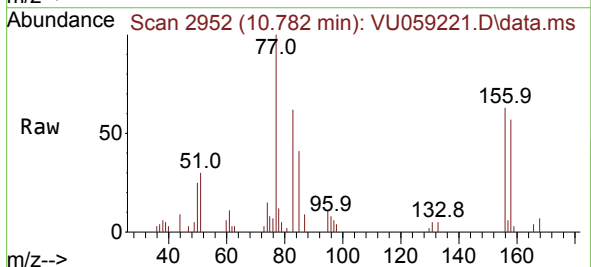
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

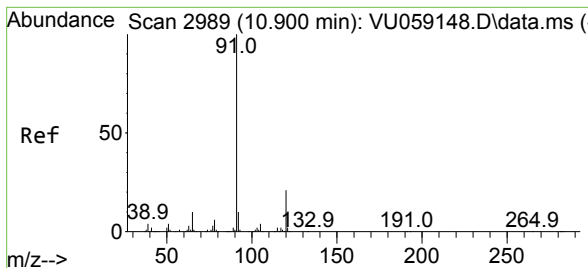
Tgt Ion: 75	Resp:	5125
Ion Ratio	Lower	Upper
75	100	
77	0.0	0.0
110	27.2	68.4
97	14.2	39.6



#72
Bromobenzene
Concen: 0.492 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.007 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion: 156	Resp:	5533
Ion Ratio	Lower	Upper
156	100	
77	158.9	359.6
158	90.9	192.2





#73

n-propylbenzene

Concen: 0.378 ug/l

RT: 10.901 min Scan# 2989

Delta R.T. 0.000 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

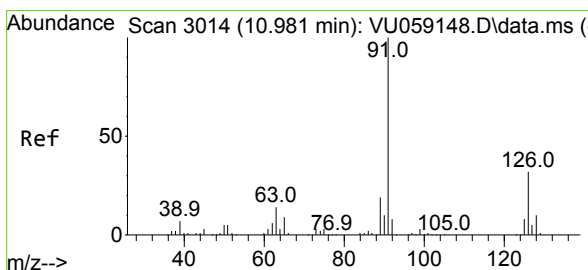
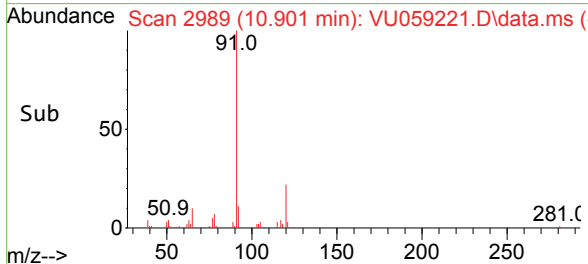
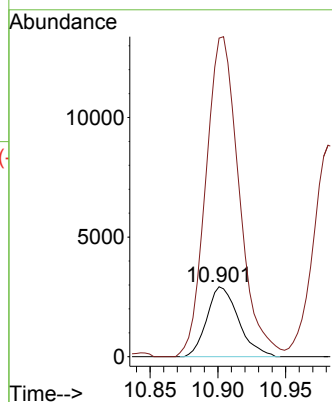
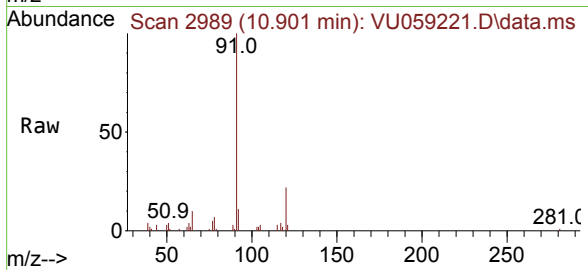
MDL-WATER-03-QT2-2024

Tgt Ion:120 Resp: 4741

Ion Ratio Lower Upper

120 100

91 482.7 378.6 567.8



#74

2-Chlorotoluene

Concen: 0.409 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.000 min

Lab File: VU059221.D

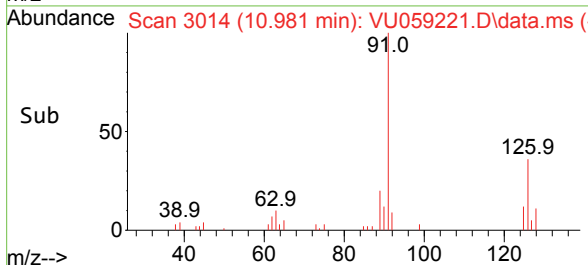
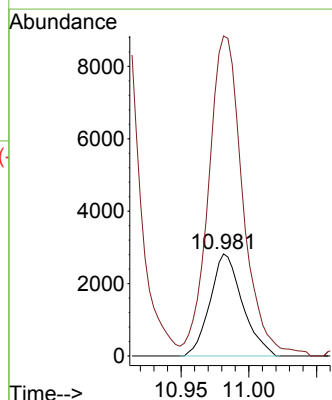
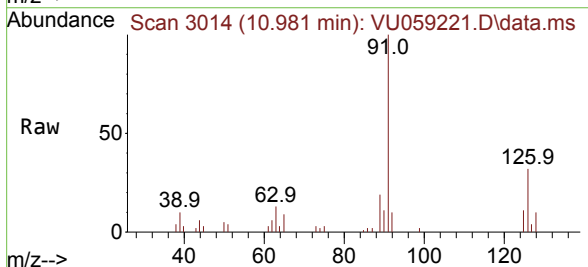
Acq: 12 Jun 2024 14:14

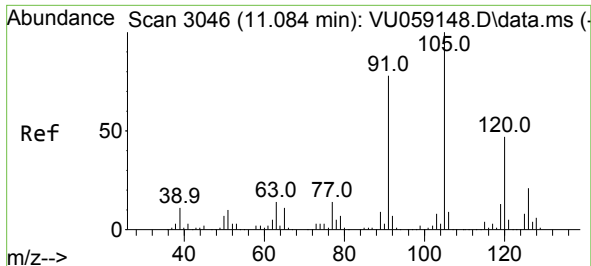
Tgt Ion:126 Resp: 4681

Ion Ratio Lower Upper

126 100

91 332.1 0.0 627.0

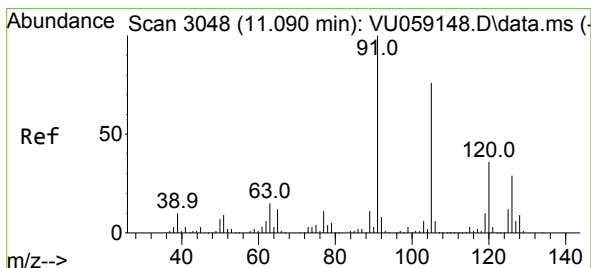
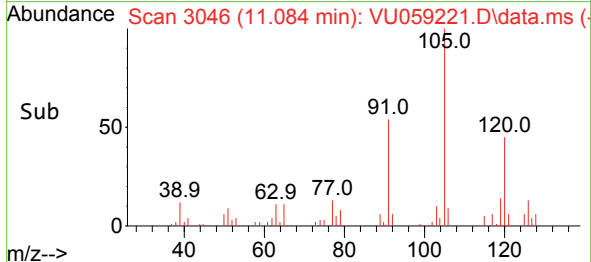
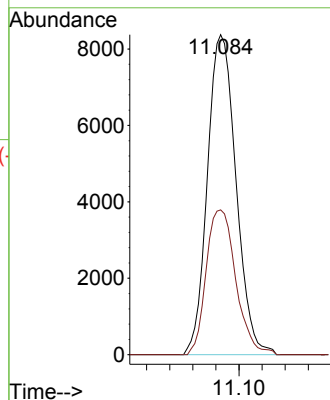
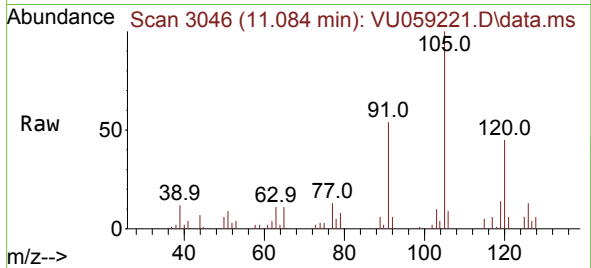




#75
1,3,5-Trimethylbenzene
Concen: 0.364 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

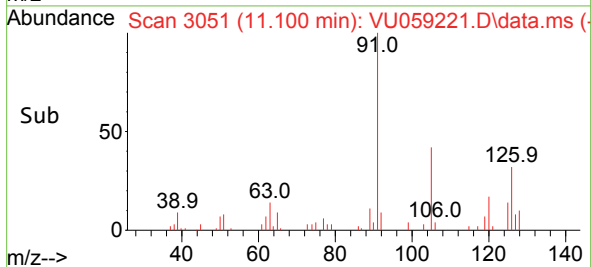
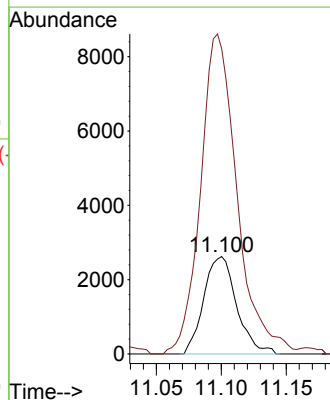
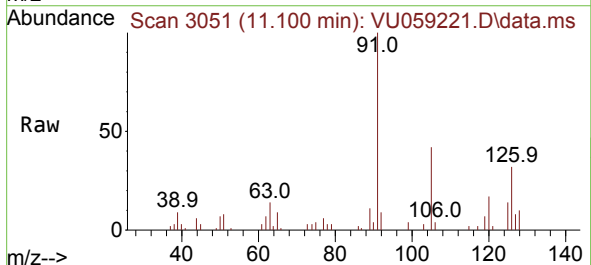
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

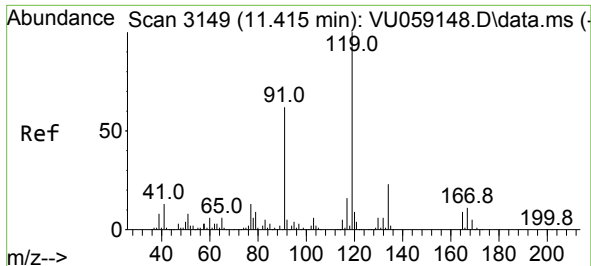
Tgt Ion:105 Resp: 14416
Ion Ratio Lower Upper
105 100
120 46.9 37.5 56.3



#76
4-Chlorotoluene
Concen: 0.385 ug/l
RT: 11.100 min Scan# 3051
Delta R.T. 0.010 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion:126 Resp: 4613
Ion Ratio Lower Upper
126 100
91 364.9 0.0 704.4

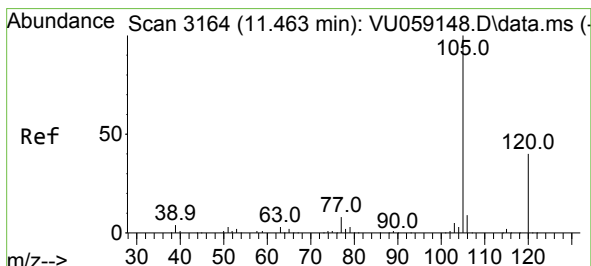
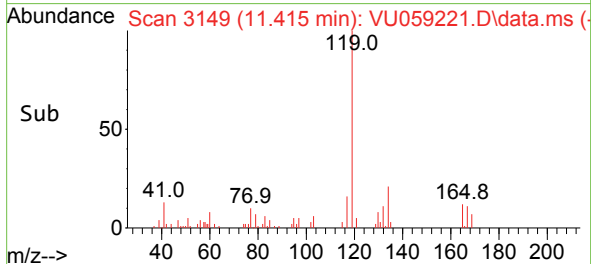
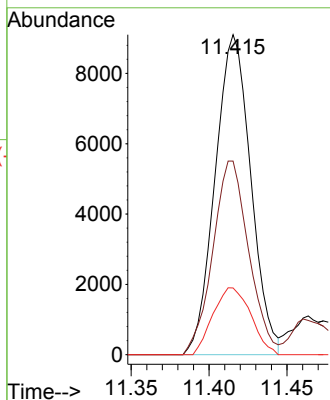
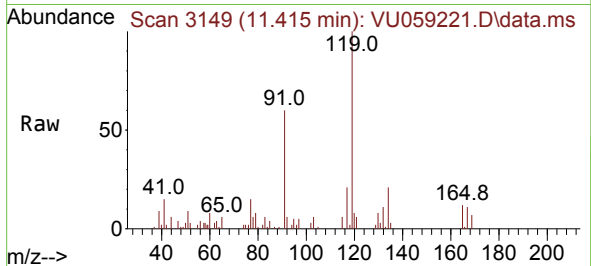




#77
tert-Butylbenzene
Concen: 0.386 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

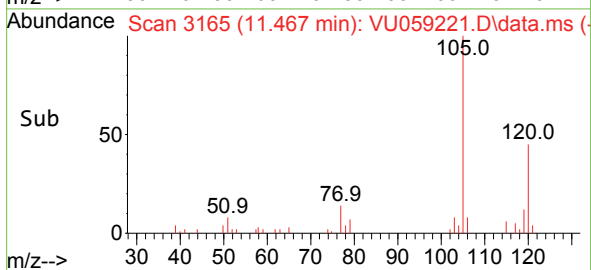
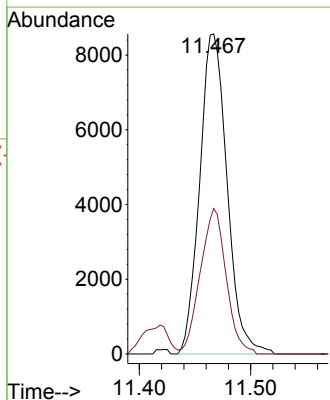
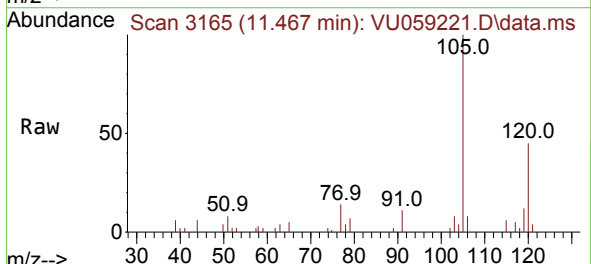
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

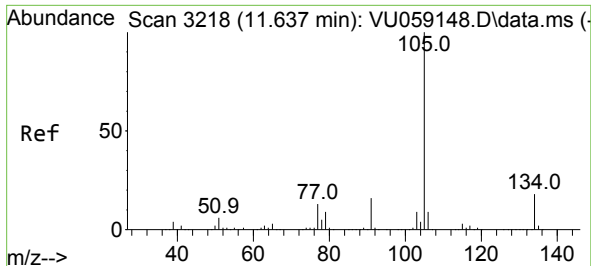
Tgt Ion:	119	Resp:	14519
Ion Ratio	Lower	Upper	
119	100		
91	60.9	30.7	92.1
134	22.1	17.7	26.5



#78
1,2,4-Trimethylbenzene
Concen: 0.366 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.004 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion:	105	Resp:	14642
Ion Ratio	Lower	Upper	
105	100		
120	42.9	21.7	65.1

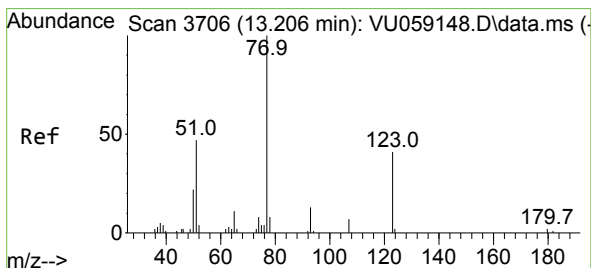
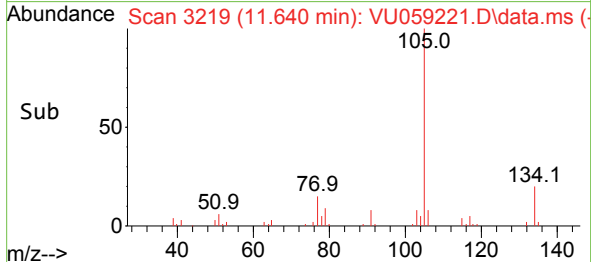
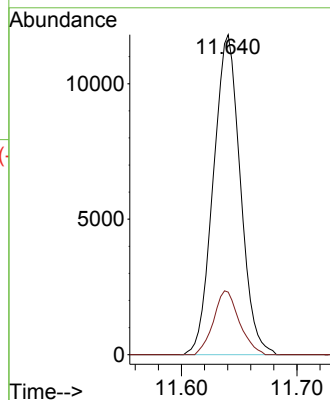
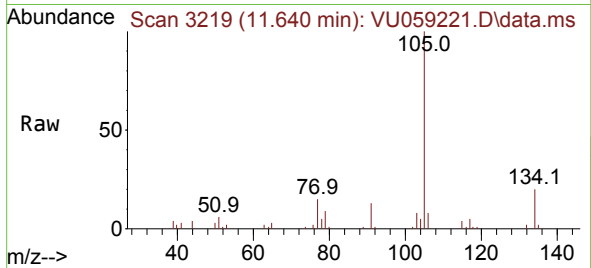




#79
 sec-Butylbenzene
 Concen: 0.367 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: VU059221.D
 Acq: 12 Jun 2024 14:14

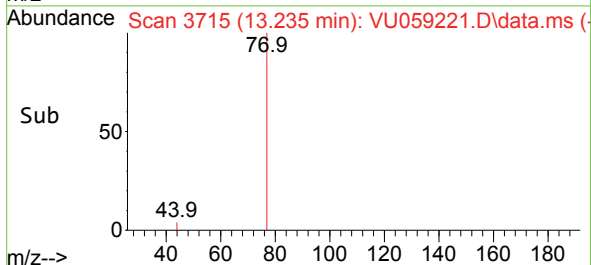
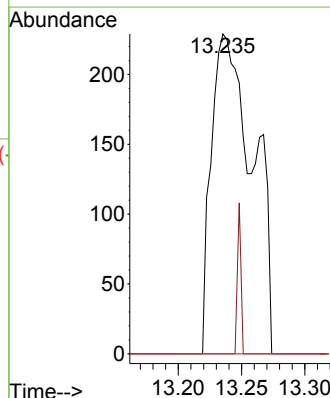
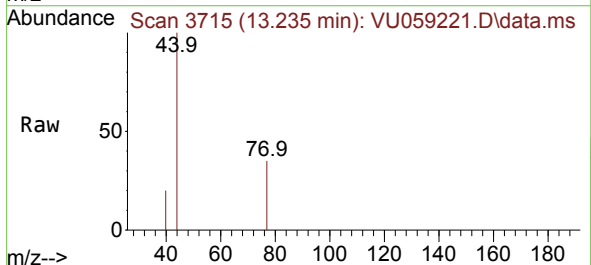
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2024

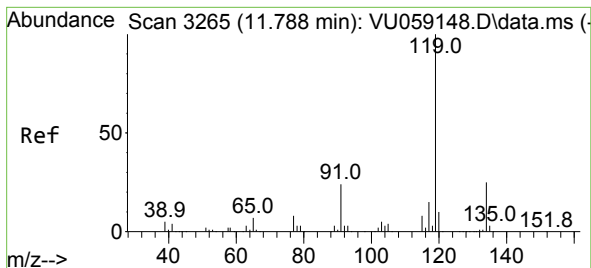
Tgt Ion:105 Resp: 19181
 Ion Ratio Lower Upper
 105 100
 134 19.1 14.5 21.7



#80
 Nitrobenzene
 Concen: 2.094 ug/l m
 RT: 13.235 min Scan# 3715
 Delta R.T. 0.029 min
 Lab File: VU059221.D
 Acq: 12 Jun 2024 14:14

Tgt Ion: 77 Resp: 518
 Ion Ratio Lower Upper
 77 100
 123 4.1 18.3 64.7#
 65 0.0 10.6 13.4#





#81

p-Isopropyltoluene

Concen: 0.347 ug/l

RT: 11.788 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024

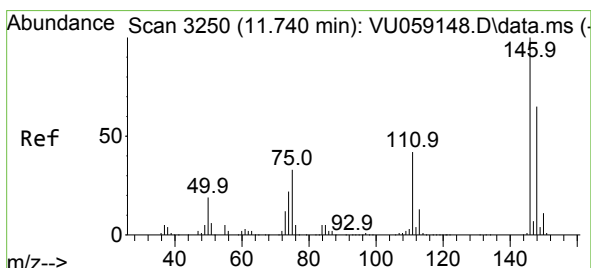
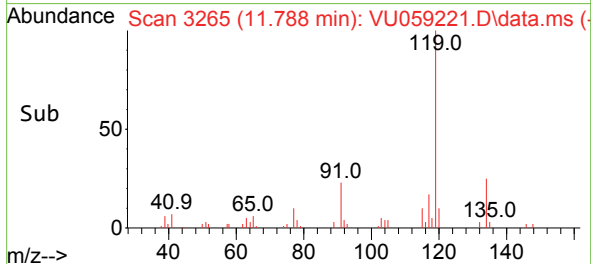
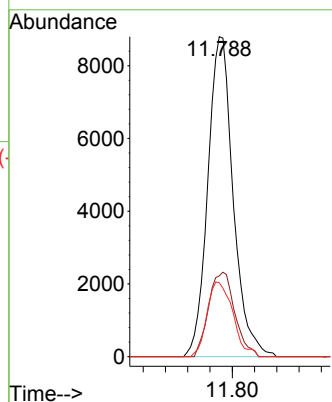
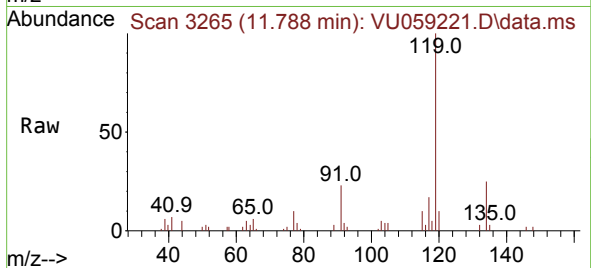
Tgt Ion:119 Resp: 13906

Ion Ratio Lower Upper

119 100

134 27.2 20.2 30.4

91 23.8 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 0.473 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.004 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

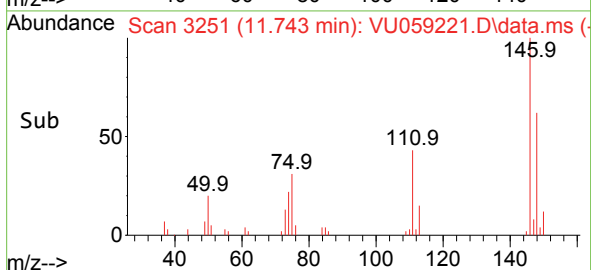
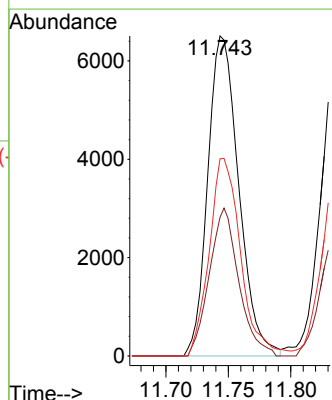
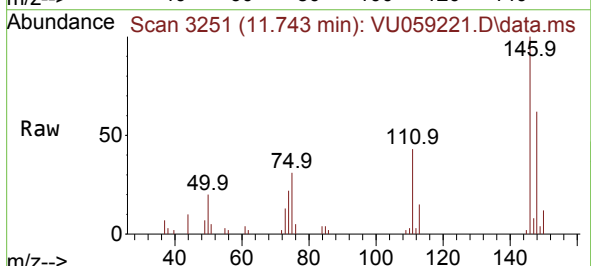
Tgt Ion:146 Resp: 11272

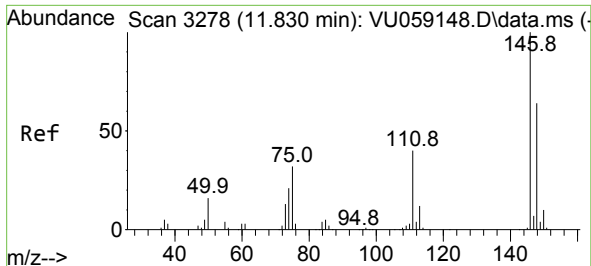
Ion Ratio Lower Upper

146 100

111 43.9 33.4 50.0

148 62.7 51.2 76.8

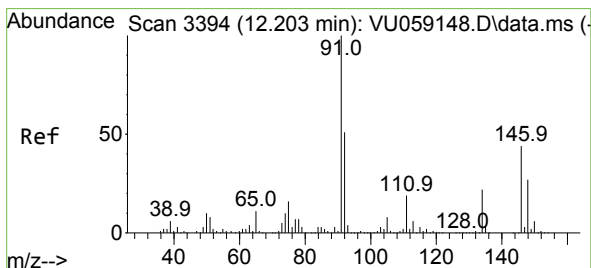
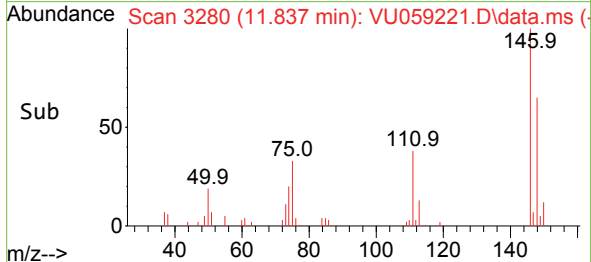
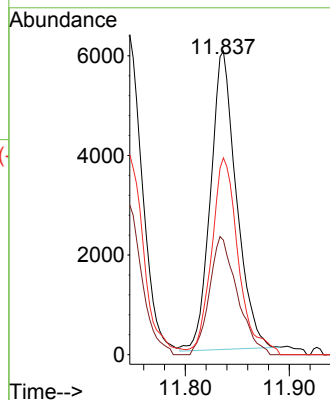
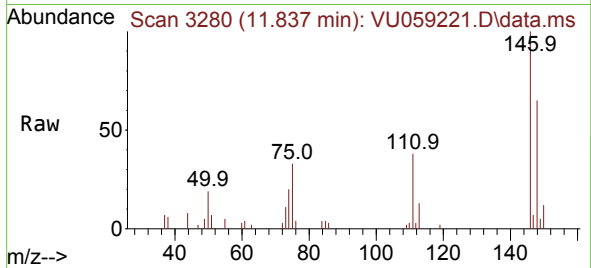




#83
1,4-Dichlorobenzene
Concen: 0.434 ug/l
RT: 11.837 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

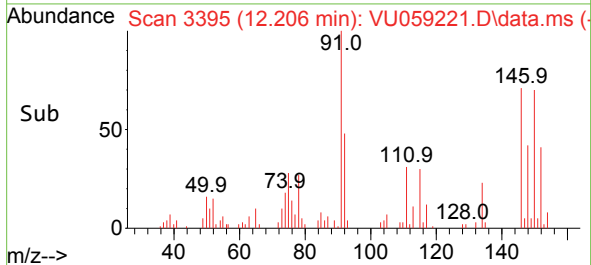
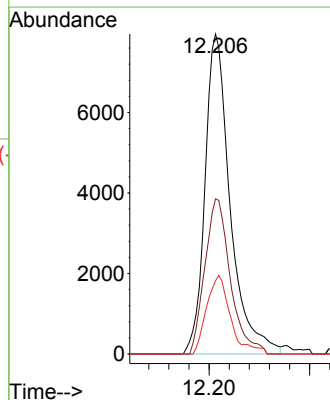
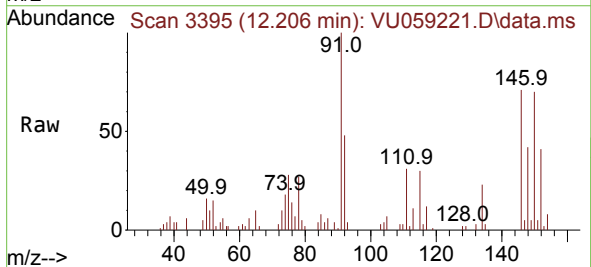
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2024

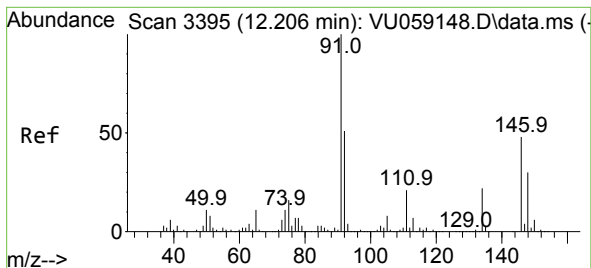
Tgt Ion:146 Resp: 10343
Ion Ratio Lower Upper
146 100
111 42.6 32.1 48.1
148 68.6 51.2 76.8



#84
n-Butylbenzene
Concen: 0.367 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.004 min
Lab File: VU059221.D
Acq: 12 Jun 2024 14:14

Tgt Ion: 91 Resp: 13833
Ion Ratio Lower Upper
91 100
92 48.9 40.7 61.1
134 23.3 17.6 26.4





#85

1,2-Dichlorobenzene

Concen: 0.480 ug/l

RT: 12.213 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024

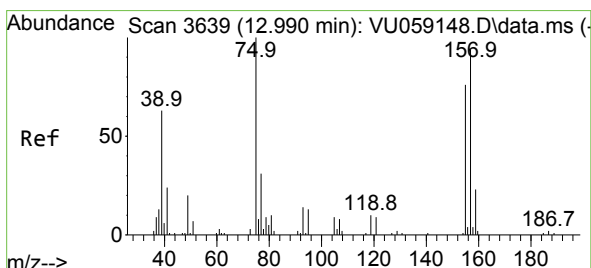
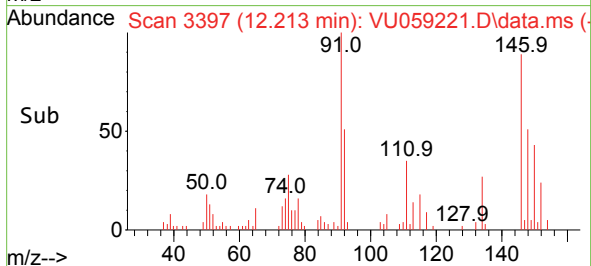
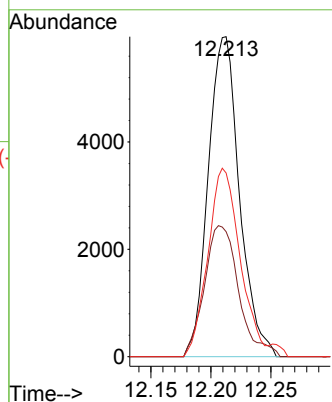
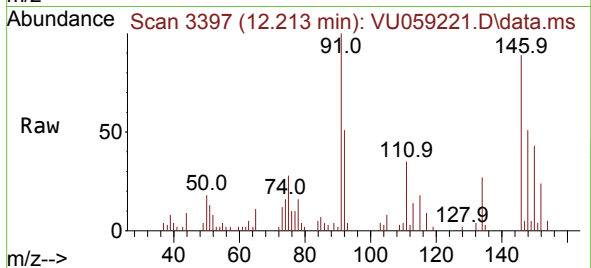
Tgt Ion:146 Resp: 10783

Ion Ratio Lower Upper

146 100

111 44.8 21.8 65.3

148 61.0 31.3 93.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.477 ug/l

RT: 12.997 min Scan# 3641

Delta R.T. 0.007 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

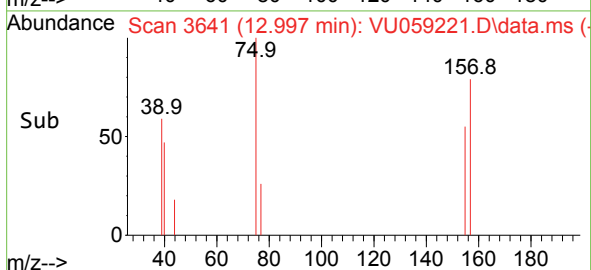
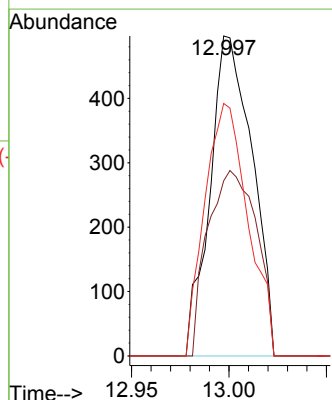
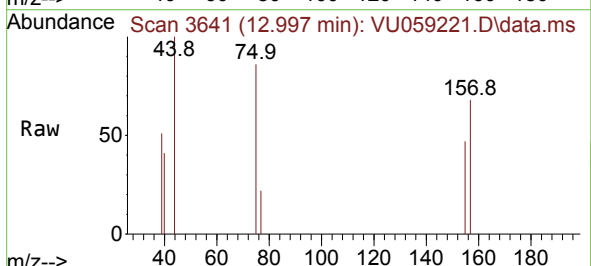
Tgt Ion: 75 Resp: 750

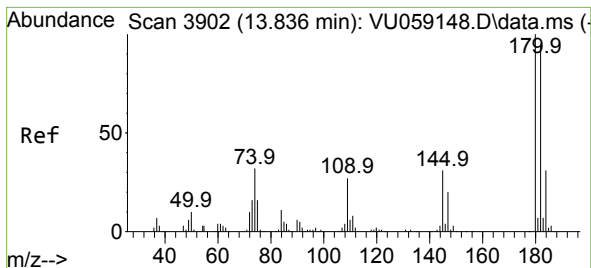
Ion Ratio Lower Upper

75 100

155 67.1 61.2 91.8

157 80.5 75.8 113.6





#87

1,2,4-Trichlorobenzene

Concen: 0.448 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.007 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024

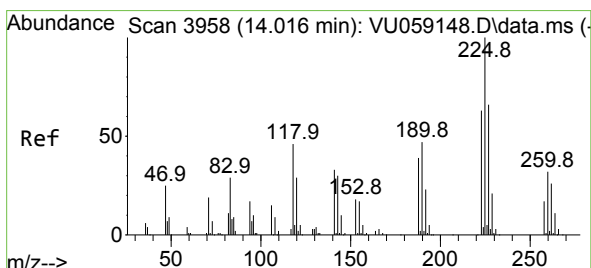
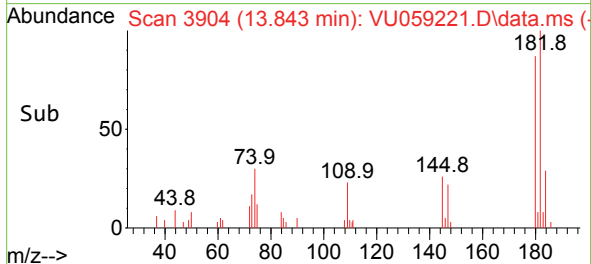
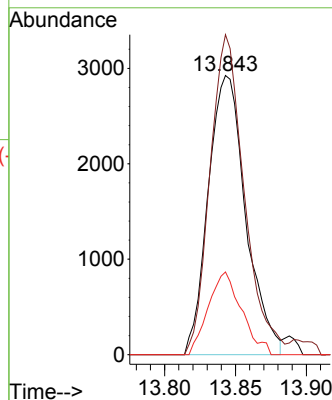
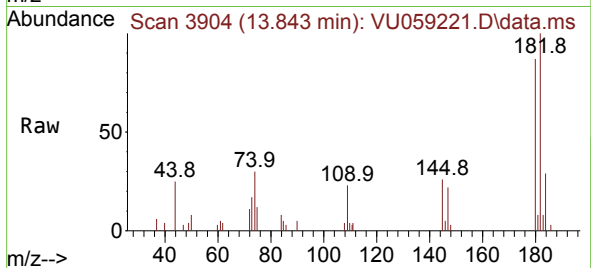
Tgt Ion:180 Resp: 5388

Ion Ratio Lower Upper

180 100

182 104.4 75.7 113.5

145 26.3 24.6 36.8



#88

Hexachlorobutadiene

Concen: 0.458 ug/l

RT: 14.017 min Scan# 3958

Delta R.T. 0.001 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

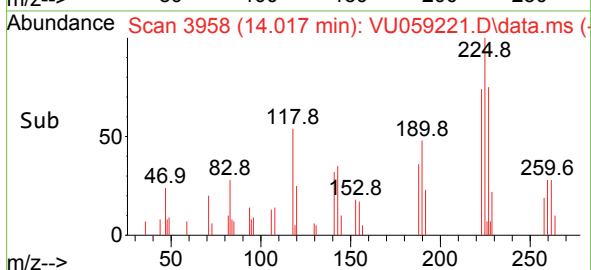
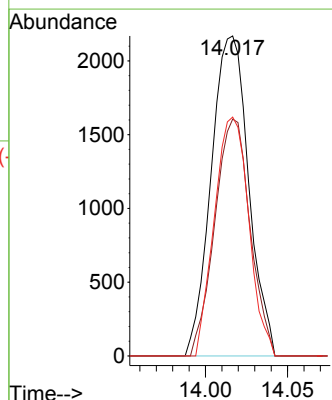
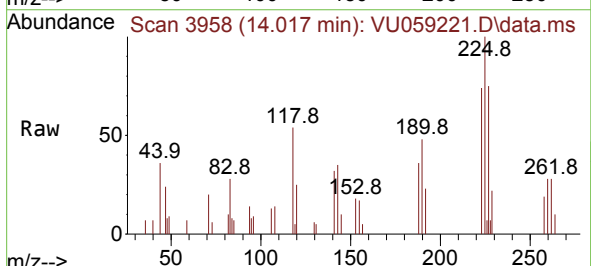
Tgt Ion:225 Resp: 3441

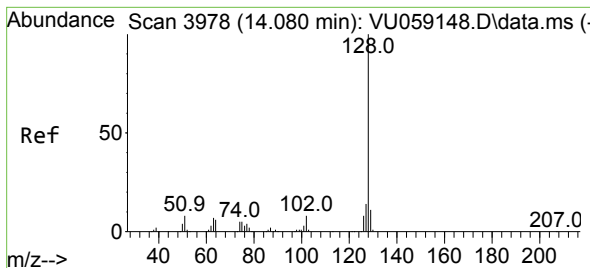
Ion Ratio Lower Upper

225 100

223 69.7 50.0 75.0

227 68.4 51.8 77.8





#89

Naphthalene

Concen: 0.434 ug/l

RT: 14.097 min Scan# 3978

Delta R.T. 0.017 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2024

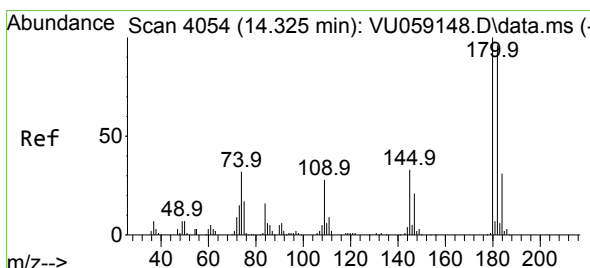
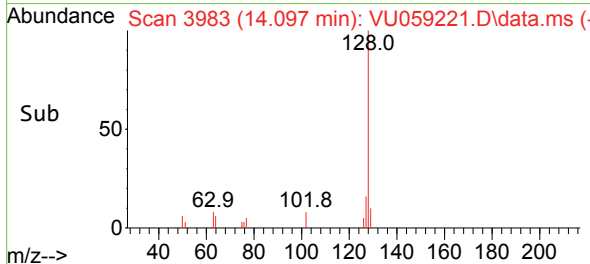
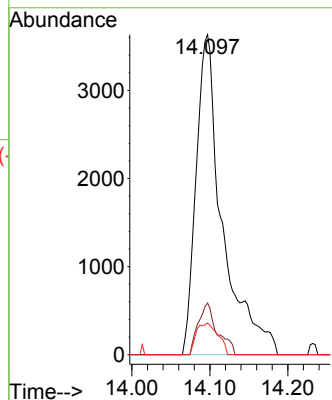
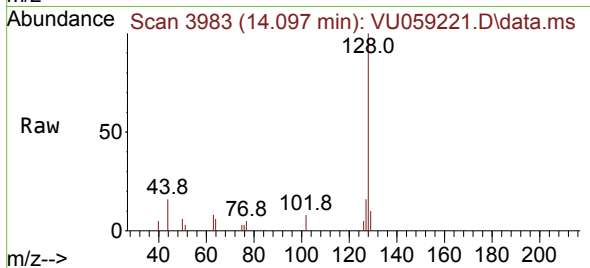
Tgt Ion:128 Resp: 8499

Ion Ratio Lower Upper

128 100

127 11.8 10.7 16.1

129 8.1 8.4 12.6#



#90

1,2,3-Trichlorobenzene

Concen: 0.482 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU059221.D

Acq: 12 Jun 2024 14:14

Tgt Ion:180 Resp: 5277

Ion Ratio Lower Upper

180 100

182 85.9 76.3 114.5

145 29.9 26.5 39.7

