

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053686.D
 Acq On : 13 Apr 2023 16:52
 Operator : JC/MD
 Sample : 02215-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-03

Quant Time: Apr 14 02:24:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 02:17:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	133041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128933	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	66019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	52625	5.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.000%
7) Chloroethane-d5	1.906	69	39558	4.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.559	65	18346	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.620	46	79645	37.986	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.980%
24) Chloroform-d	5.057	84	75472	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.697	65	38659	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.723	84	155792	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.687	67	47019	4.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.893	98	146537	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.176	79	18211	4.262	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.629	63	70369	40.547	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.100%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34881	3.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	52676	4.435	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	1812	0.190	ug/L	91
3) Chloromethane	1.517	50	2806	0.292	ug/L	97
5) Vinyl chloride	1.601	62	3075	0.284	ug/L #	51
6) Bromomethane	1.851	94	1640	0.239	ug/L	78
8) Chloroethane	1.929	64	1575	0.250	ug/L	98
9) Trichlorofluoromethane	2.131	101	3909	0.239	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	2495	0.301	ug/L #	81
12) 1,1-Dichloroethene	2.572	96	2100	0.279	ug/L #	1
14) Carbon disulfide	2.787	76	5277	0.239	ug/L #	87
15) Methyl Acetate	2.948	43	590	0.202	ug/L #	49
16) Methylene chloride	3.041	84	3133	0.317	ug/L	87
17) Methyl tert-butyl Ether	3.366	73	4503	0.247	ug/L	99
18) trans-1,2-Dichloroethene	3.343	96	1955	0.250	ug/L	72
19) 1,1-Dichloroethane	3.867	63	2935	0.204	ug/L #	89
21) 2-Butanone	4.716	43	3149	1.630	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	2124	0.201	ug/L	78
23) Bromochloromethane	4.970	128	901	0.241	ug/L #	89
27) 1,2-Dichloroethane	5.790	62	2417	0.260	ug/L #	77
29) 1,1,1-Trichloroethane	5.314	97	2714	0.213	ug/L #	52

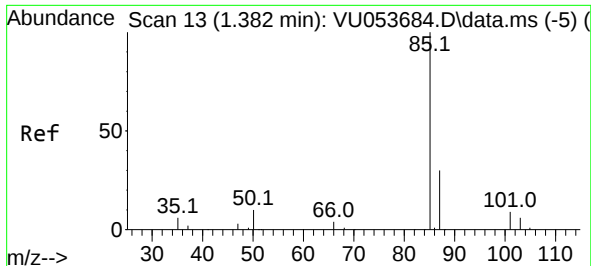
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053686.D
 Acq On : 13 Apr 2023 16:52
 Operator : JC/MD
 Sample : 02215-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-03

Quant Time: Apr 14 02:24:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 02:17:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.385	56	2709	0.200	ug/L	100
31) Carbon tetrachloride	5.520	117	2447	0.227	ug/L	92
33) Benzene	5.774	78	9373	0.271	ug/L	100
37) 1,2-Dichloropropane	6.787	63	1869	0.205	ug/L #	97
38) Bromodichloromethane	7.102	83	2173	0.214	ug/L #	91
39) cis-1,3-Dichloropropene	7.604	75	2513	0.186	ug/L	93
40) 4-Methyl-2-pentanone	7.790	43	8526	1.910	ug/L #	87
42) Toluene	7.967	91	10330	0.274	ug/L	87
44) trans-1,3-Dichloropropene	8.211	75	2533	0.231	ug/L	84
45) 1,1,2-Trichloroethane	8.401	97	1436	0.222	ug/L	92
47) Tetrachloroethene	8.549	164	1644	0.243	ug/L	96
48) 2-Hexanone	8.687	43	8557	2.593	ug/L #	94
49) Dibromochloromethane	8.806	129	1498	0.234	ug/L	95
50) 1,2-Dibromoethane	8.922	107	1266	0.202	ug/L #	80
51) Chlorobenzene	9.443	112	6905	0.290	ug/L	91
52) Ethylbenzene	9.568	91	8656	0.210	ug/L	99
53) m,p-Xylene	9.694	106	3175	0.202	ug/L	74
54) o-Xylene	10.099	106	2799	0.188	ug/L	77
55) Styrene	10.115	104	4840	0.198	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.780	83	1846	0.226	ug/L #	90
59) Bromoform	10.285	173	691	0.203	ug/L #	80
60) Isopropylbenzene	10.481	105	7828	0.195	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	962	0.176	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	5965	0.183	ug/L	94
63) 1,2,4-Trimethylbenzene	11.468	105	6492	0.195	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	4700	0.267	ug/L	91
65) 1,4-Dichlorobenzene	11.835	146	5924	0.335	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	4541	0.272	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.221	180	3085	0.251	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	3311	0.338	ug/L	96

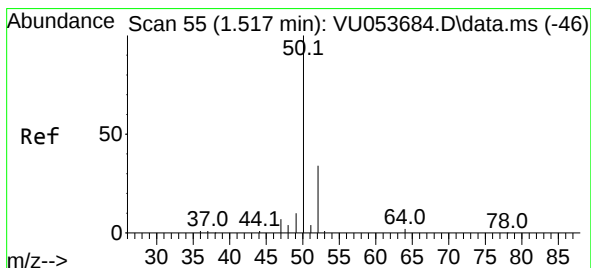
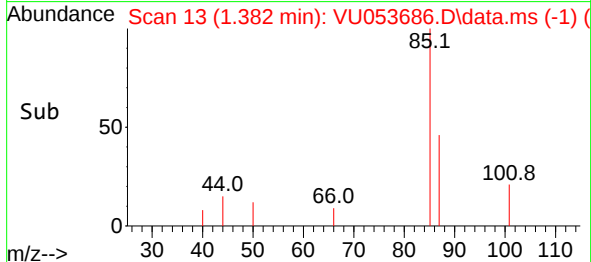
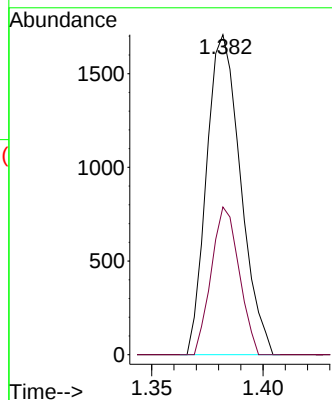
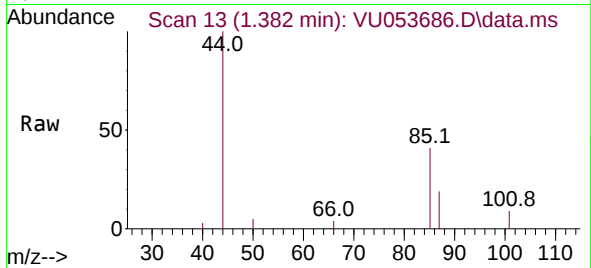
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.190 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

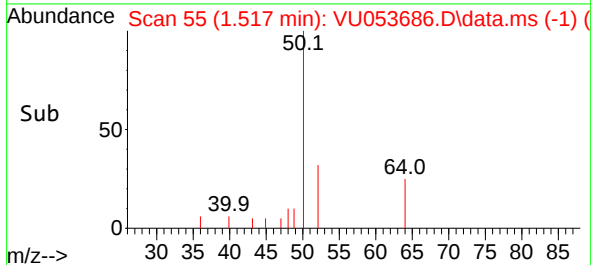
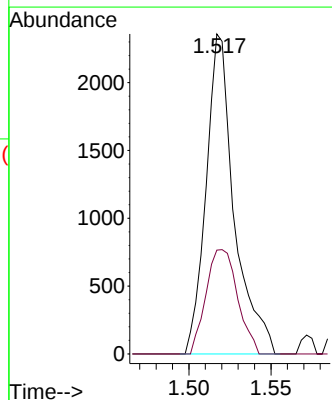
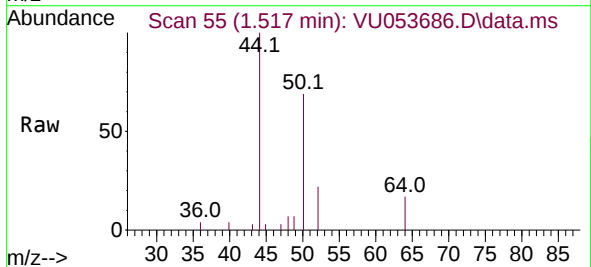
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-03

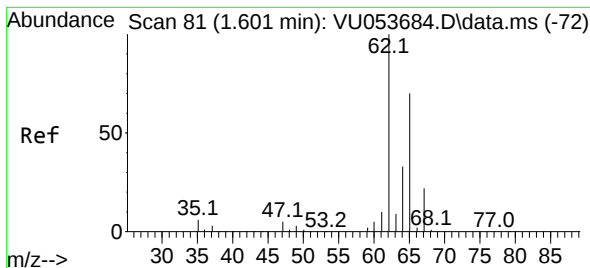
Tgt Ion: 85 Resp: 1812
Ion Ratio Lower Upper
85 100
87 37.7 26.1 39.1



#3
Chloromethane
Concen: 0.292 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion: 50 Resp: 2806
Ion Ratio Lower Upper
50 100
52 32.4 23.9 44.3





#5

Vinyl chloride

Concen: 0.284 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

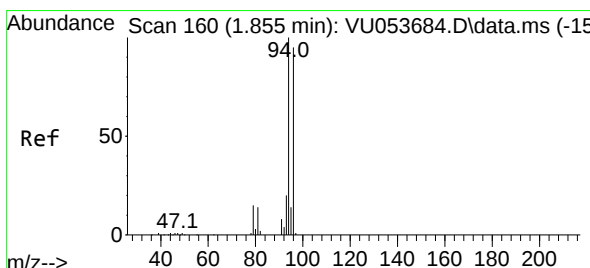
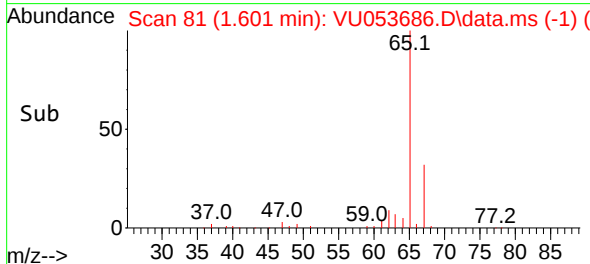
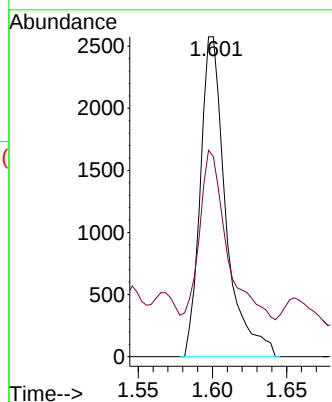
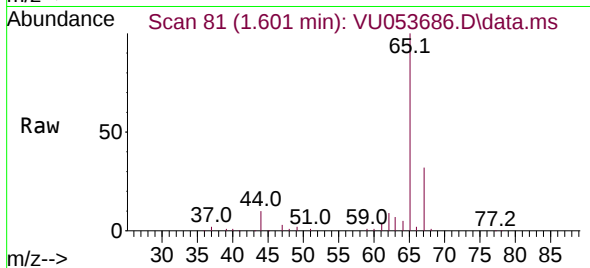
MDL-WATER-QT2-2023-03

Tgt Ion: 62 Resp: 3075

Ion Ratio Lower Upper

62 100

64 62.6 24.1 44.7#



#6

Bromomethane

Concen: 0.239 ug/L

RT: 1.851 min Scan# 159

Delta R.T. -0.003 min

Lab File: VU053686.D

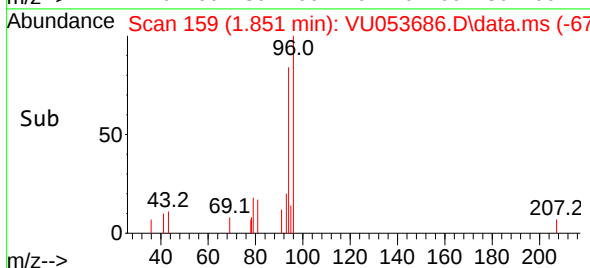
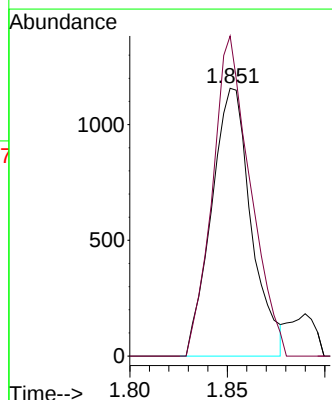
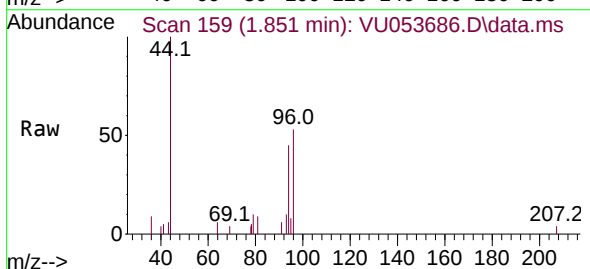
Acq: 13 Apr 2023 16:52

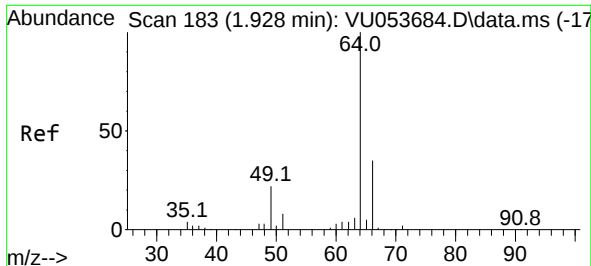
Tgt Ion: 94 Resp: 1640

Ion Ratio Lower Upper

94 100

96 119.5 68.3 126.8

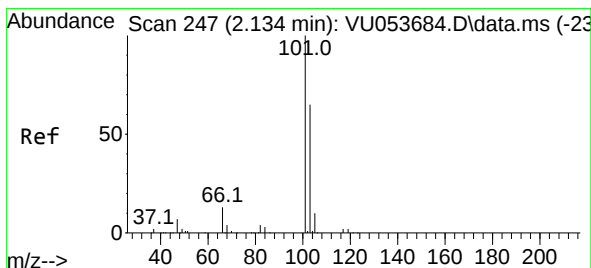
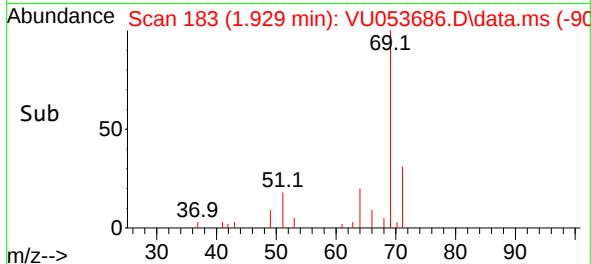
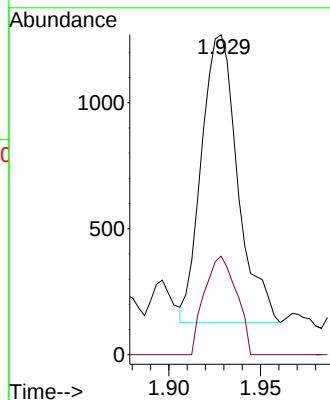
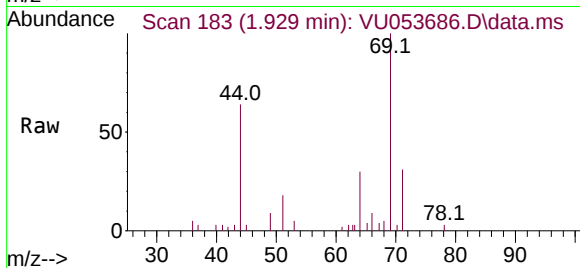




#8
Chloroethane
Concen: 0.250 ug/L
RT: 1.929 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

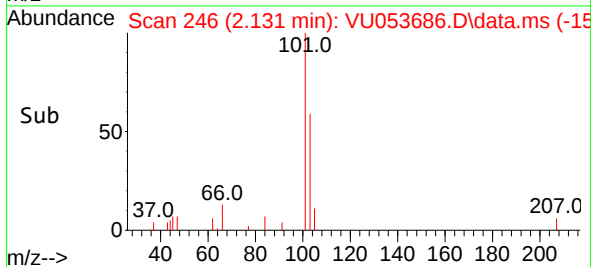
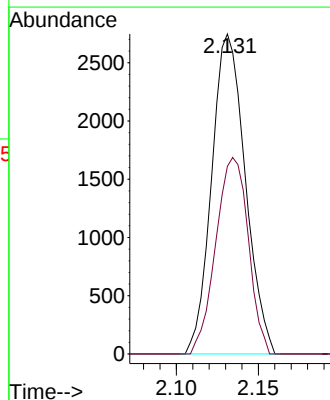
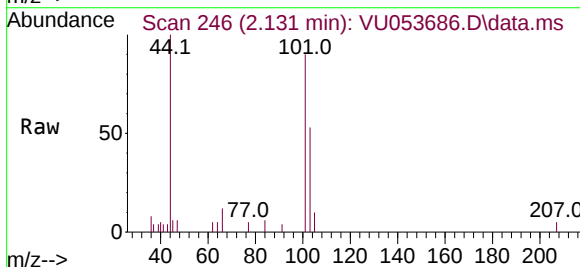
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

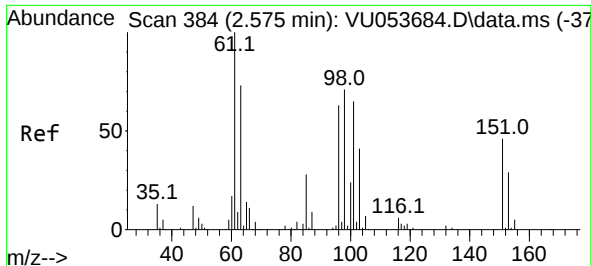
Tgt Ion: 64 Resp: 1575
Ion Ratio Lower Upper
64 100
66 30.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 0.239 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion:101 Resp: 3909
Ion Ratio Lower Upper
101 100
103 59.3 50.2 75.2

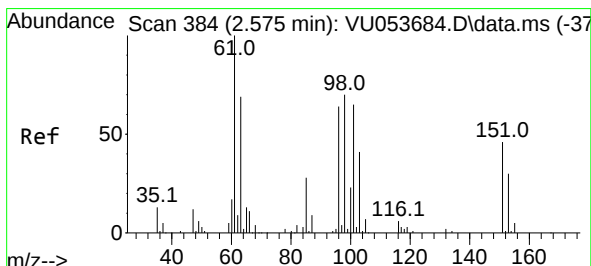
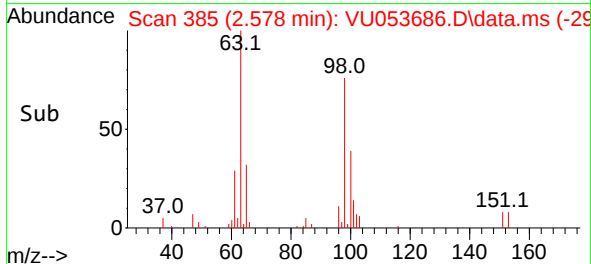
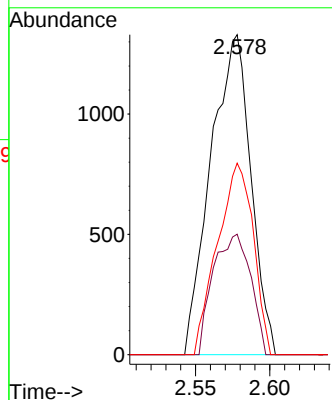
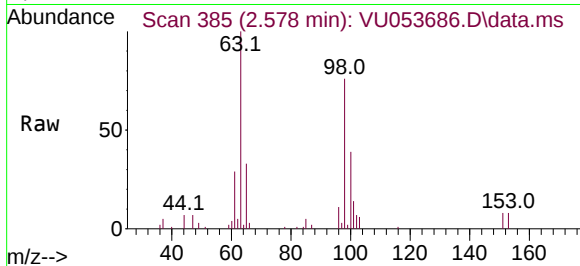




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.301 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU053686.D
 Acq: 13 Apr 2023 16:52

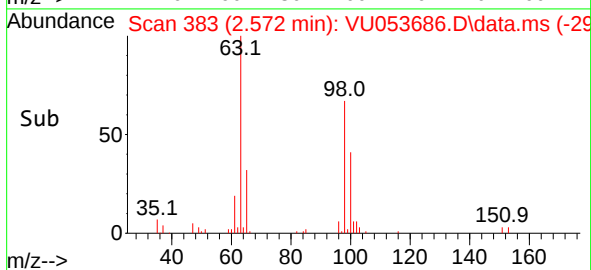
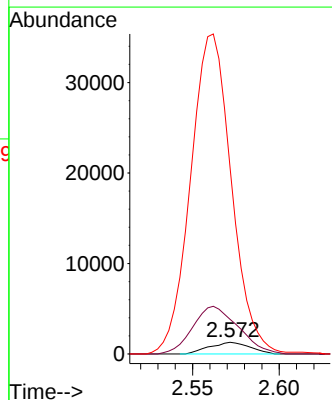
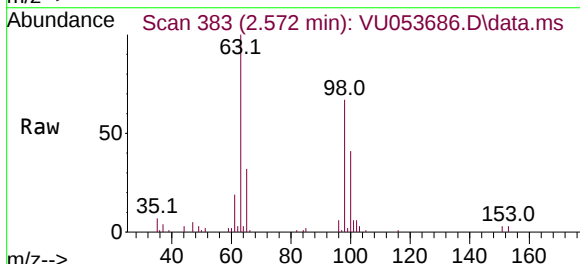
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-03

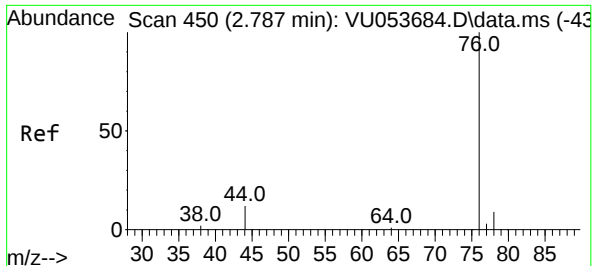
Tgt Ion:101 Resp: 2495
 Ion Ratio Lower Upper
 101 100
 85 35.1 37.0 55.4#
 151 53.5 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 0.279 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU053686.D
 Acq: 13 Apr 2023 16:52

Tgt Ion: 96 Resp: 2100
 Ion Ratio Lower Upper
 96 100
 61 296.0 116.8 216.8#
 63 1594.4 88.6 164.6#

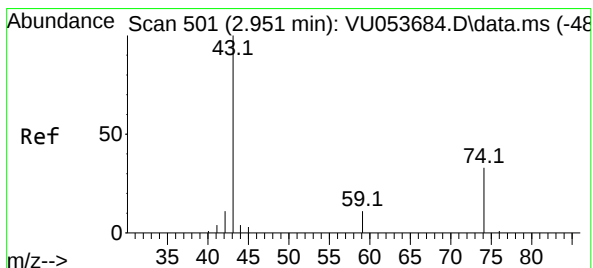
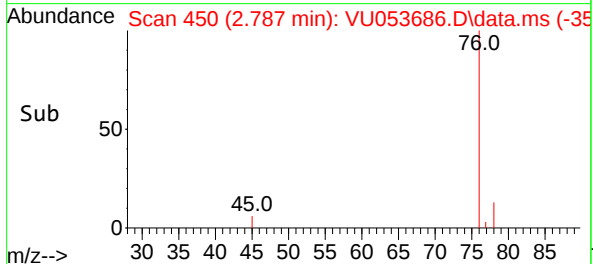
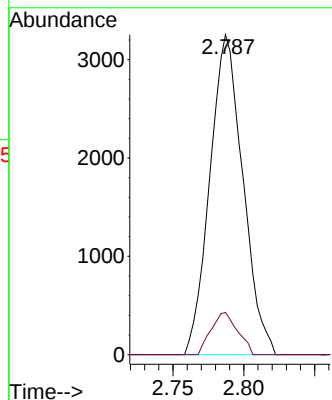
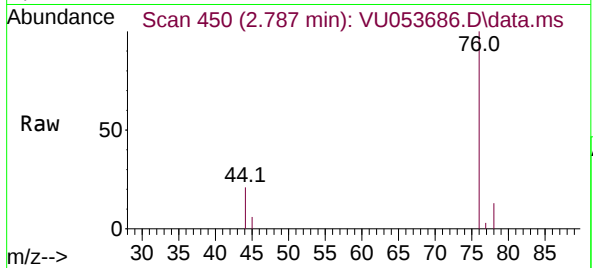




#14
Carbon disulfide
Concen: 0.239 ug/L
RT: 2.787 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

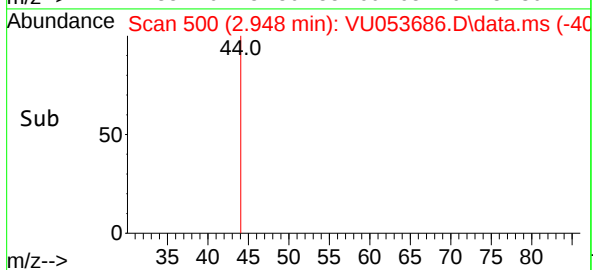
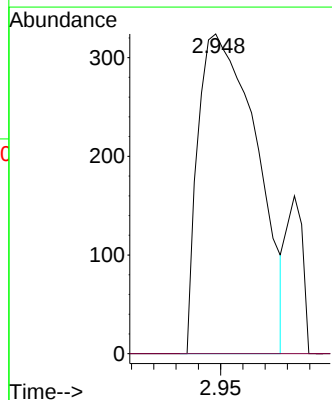
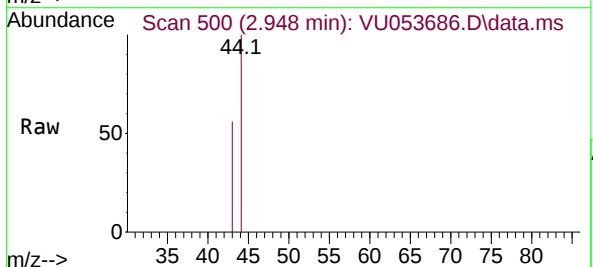
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

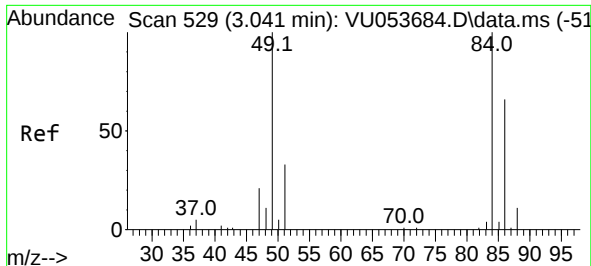
Tgt Ion: 76 Resp: 5277
Ion Ratio Lower Upper
76 100
78 13.2 7.0 10.4#



#15
Methyl Acetate
Concen: 0.202 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#

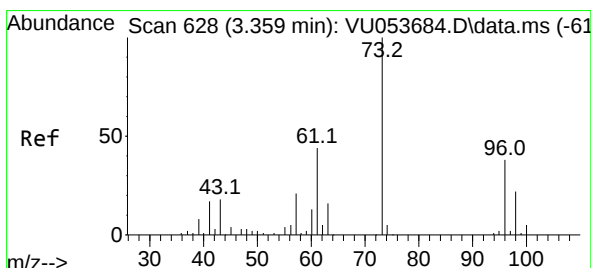
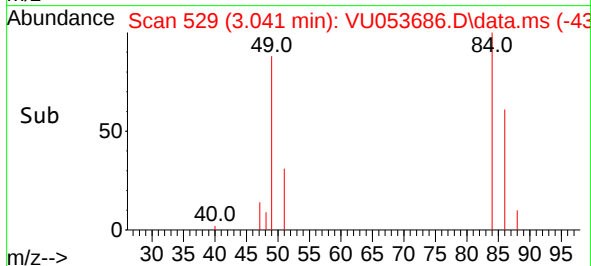
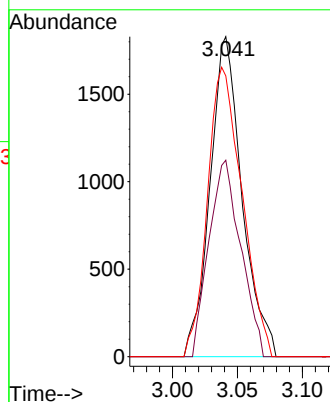
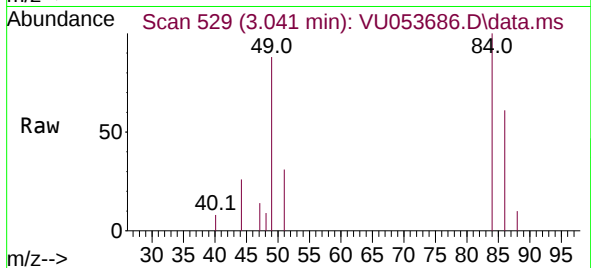




#16
Methylene chloride
Concen: 0.317 ug/L
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

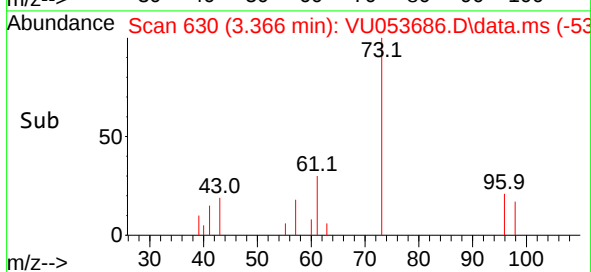
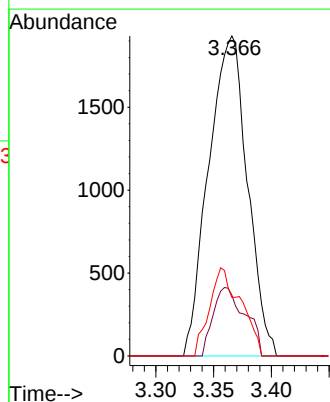
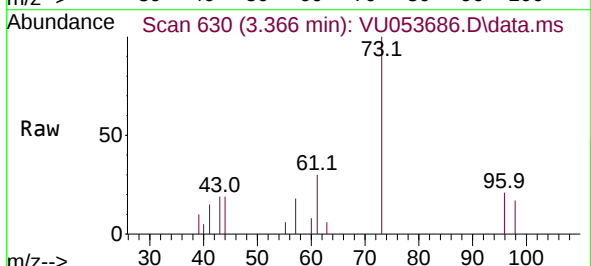
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

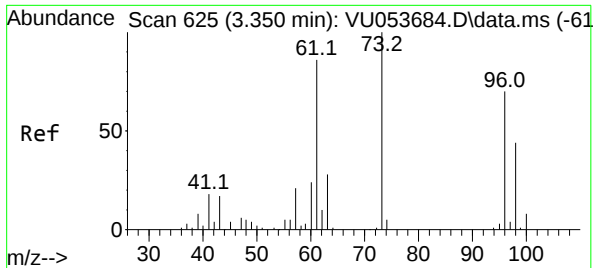
Tgt Ion: 84 Resp: 3133
Ion Ratio Lower Upper
84 100
86 61.4 44.7 83.1
49 87.8 75.5 140.1



#17
Methyl tert-butyl Ether
Concen: 0.247 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.006 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion: 73 Resp: 4503
Ion Ratio Lower Upper
73 100
43 17.7 13.9 20.9
57 22.3 17.0 25.6

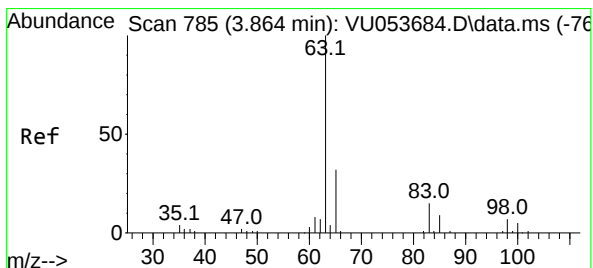
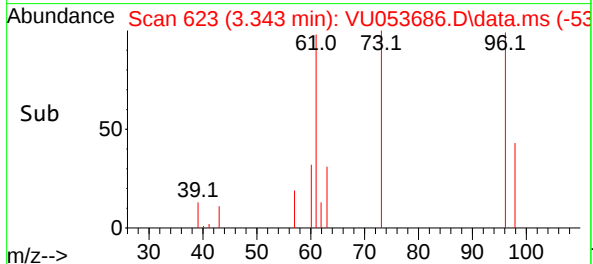
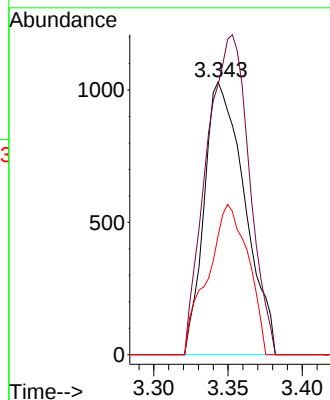
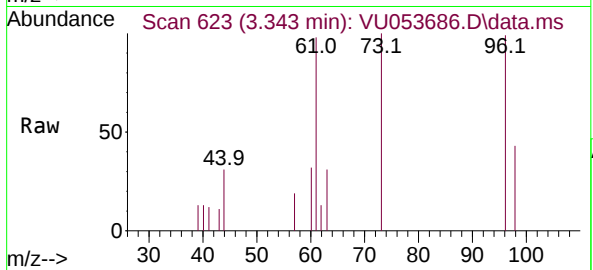




#18
trans-1,2-Dichloroethene
Concen: 0.250 ug/L
RT: 3.343 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

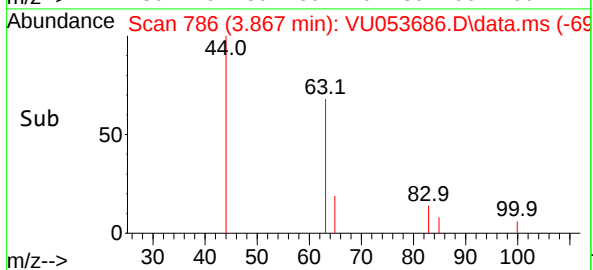
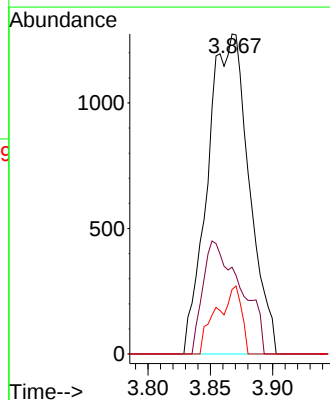
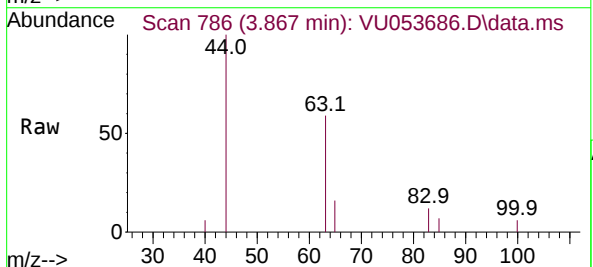
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

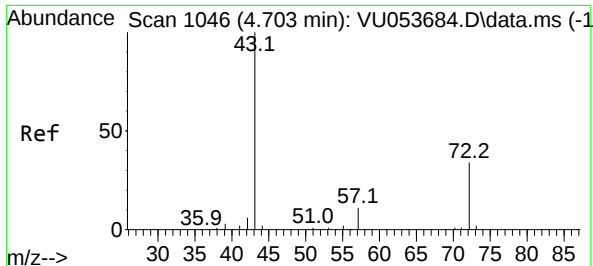
Tgt Ion: 96 Resp: 1955
Ion Ratio Lower Upper
96 100
61 98.9 95.5 177.3
98 43.7 42.2 78.4



#19
1,1-Dichloroethane
Concen: 0.204 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion: 63 Resp: 2935
Ion Ratio Lower Upper
63 100
65 27.1 21.7 40.3
83 20.2 8.1 15.1#





#21

2-Butanone

Concen: 1.630 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.013 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

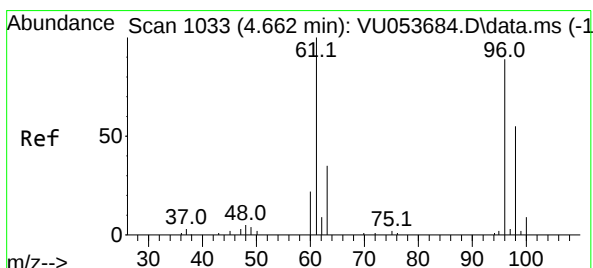
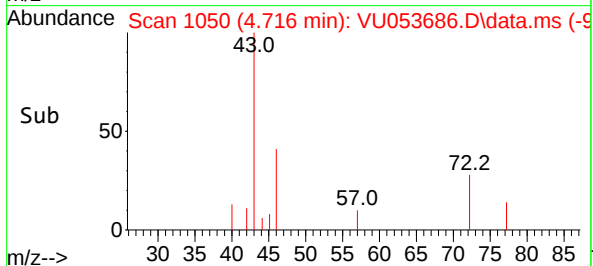
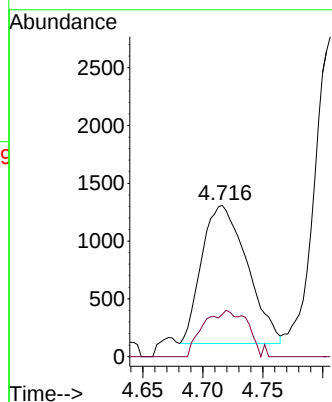
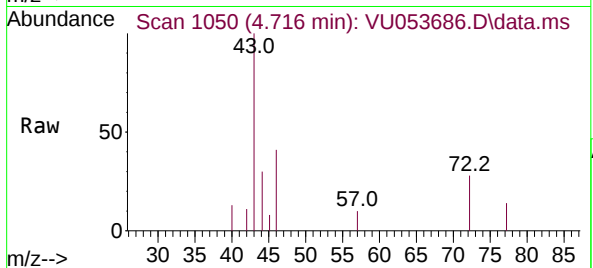
MDL-WATER-QT2-2023-03

Tgt Ion: 43 Resp: 3149

Ion Ratio Lower Upper

43 100

72 32.8 16.2 48.6



#22

cis-1,2-Dichloroethene

Concen: 0.201 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

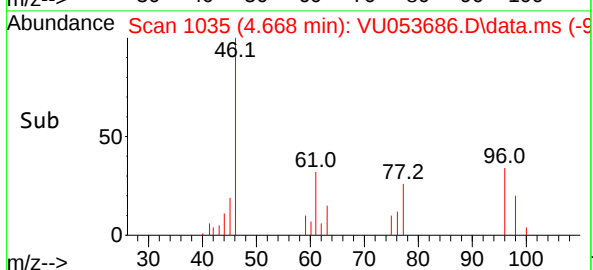
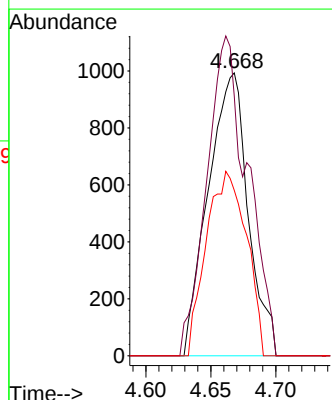
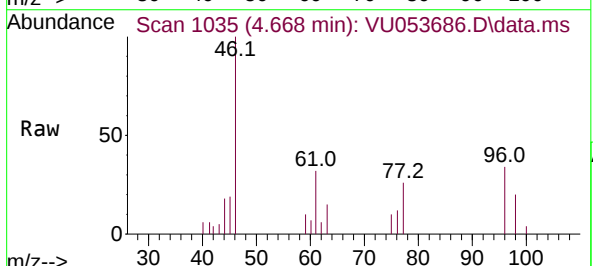
Tgt Ion: 96 Resp: 2124

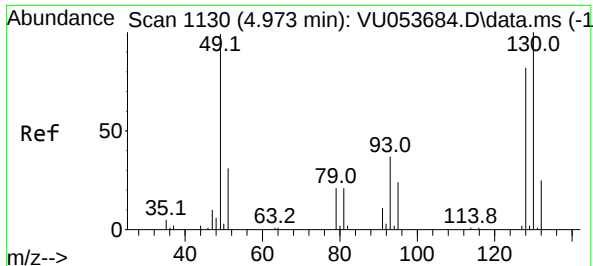
Ion Ratio Lower Upper

96 100

61 91.7 86.6 160.8

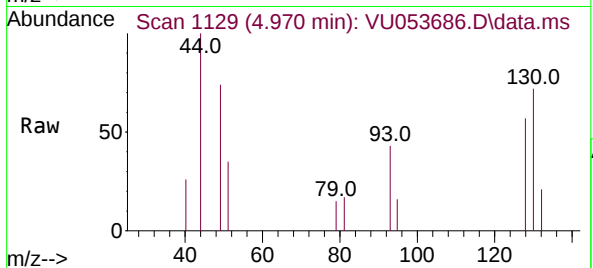
98 58.5 47.7 88.5



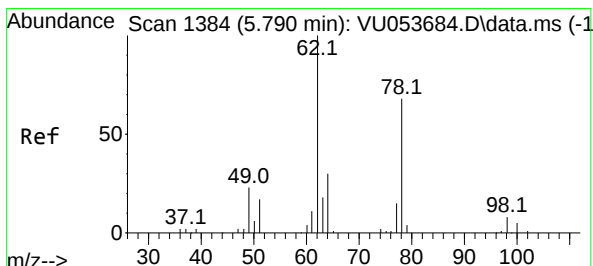
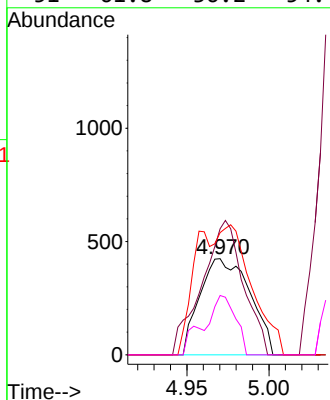
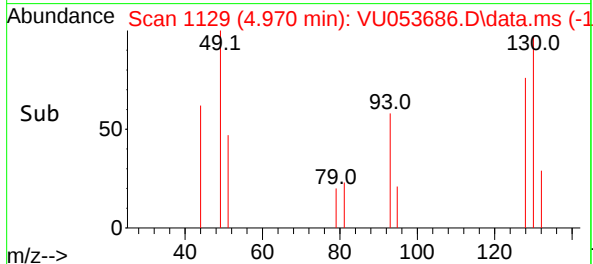


#23
Bromochloromethane
Concen: 0.241 ug/L
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

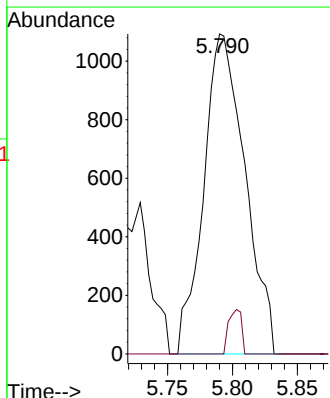
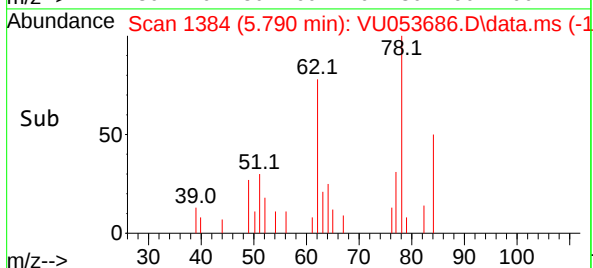
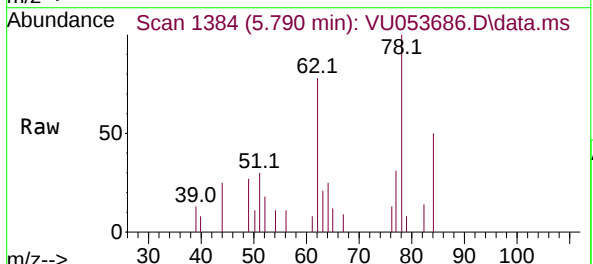


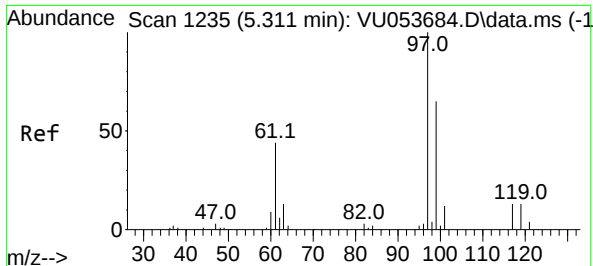
Tgt Ion:128 Resp: 901
Ion Ratio Lower Upper
128 100
49 131.1 102.8 190.8
130 127.1 85.1 158.1
51 61.8 36.2 54.4#



#27
1,2-Dichloroethane
Concen: 0.260 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion: 62 Resp: 2417
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6#





#29

1,1,1-Trichloroethane

Concen: 0.213 ug/L

RT: 5.314 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

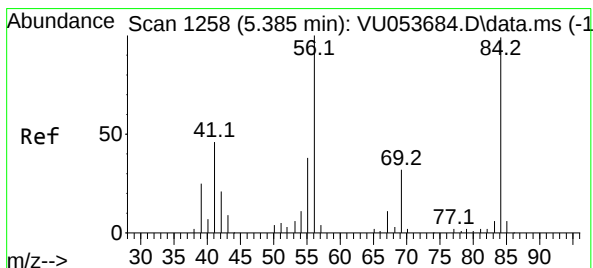
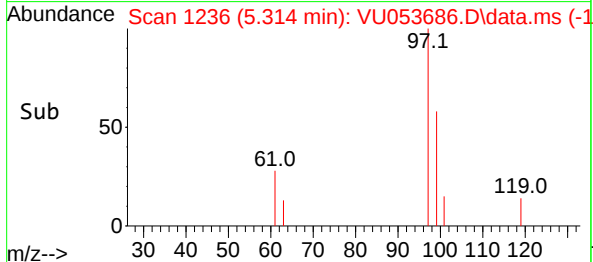
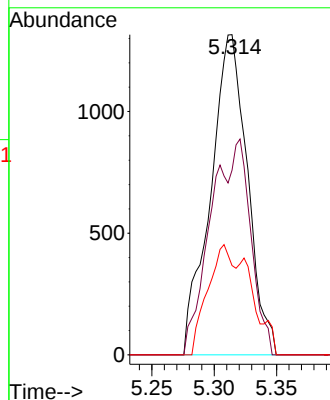
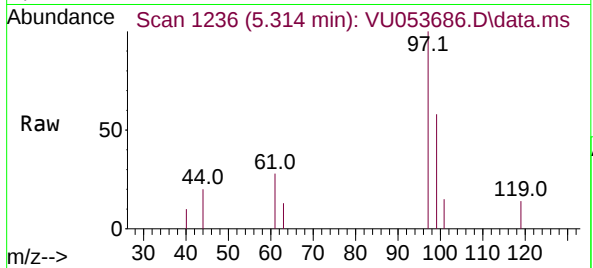
Tgt Ion: 97 Resp: 2714

Ion Ratio Lower Upper

97 100

99 36.1 49.9 74.9#

61 0.0 35.7 53.5#



#30

Cyclohexane

Concen: 0.200 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

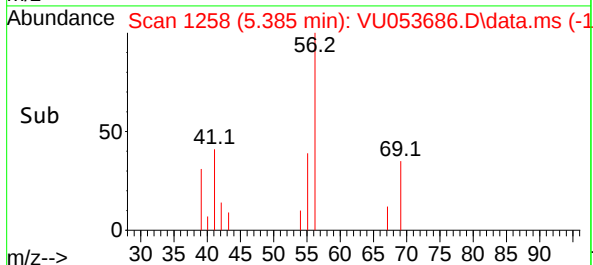
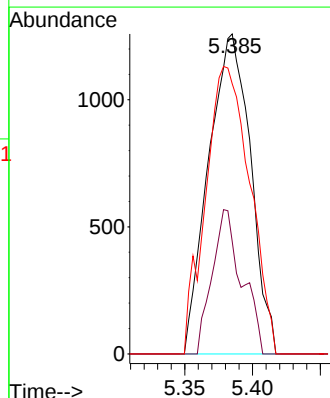
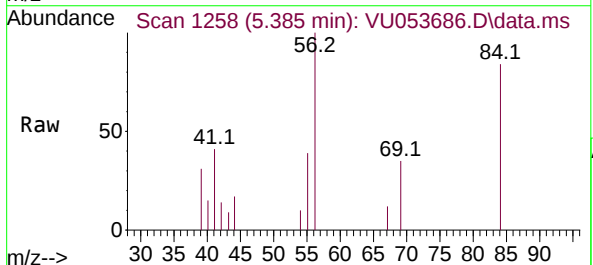
Tgt Ion: 56 Resp: 2709

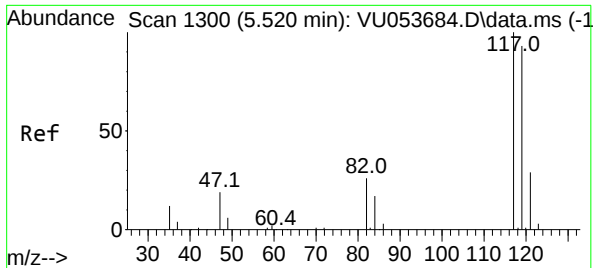
Ion Ratio Lower Upper

56 100

69 31.9 26.1 39.1

84 94.5 75.6 113.4

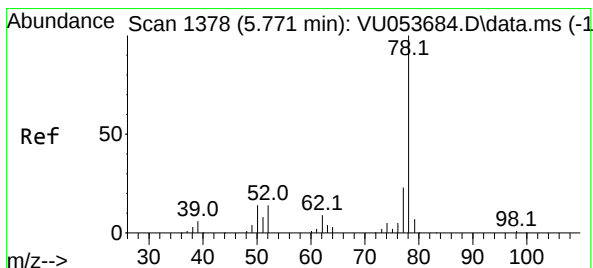
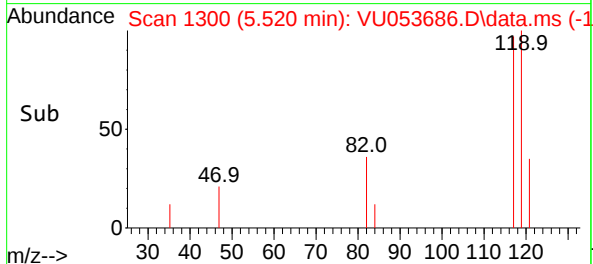
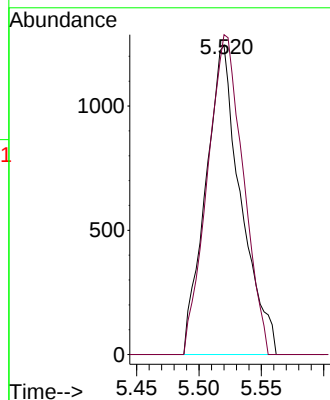
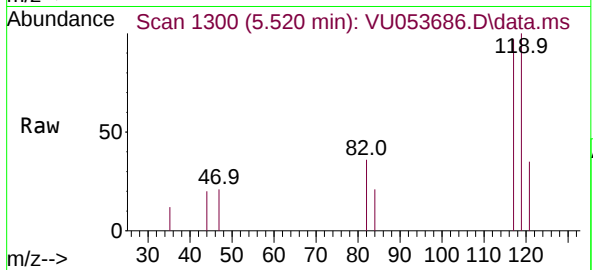




#31
Carbon tetrachloride
Concen: 0.227 ug/L
RT: 5.520 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

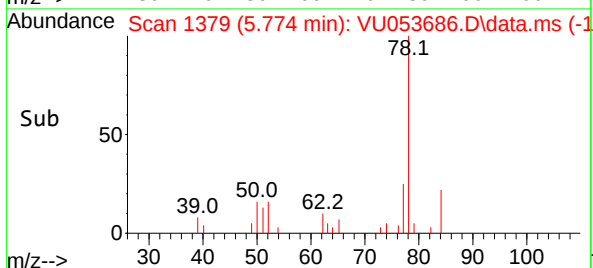
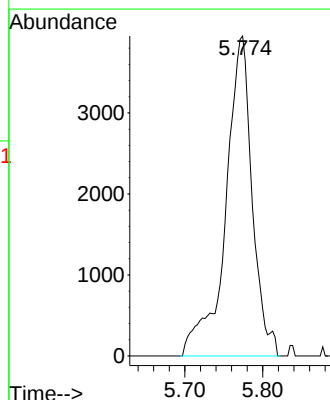
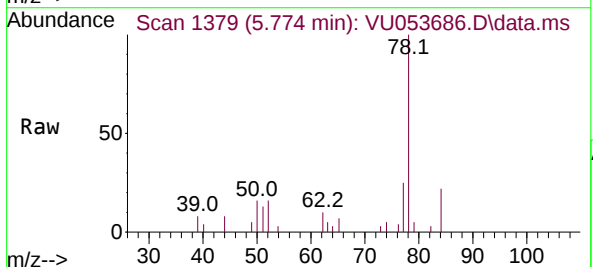
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

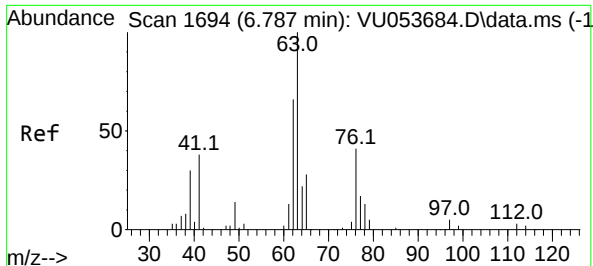
Tgt Ion:117 Resp: 2447
Ion Ratio Lower Upper
117 100
119 104.9 77.7 116.5



#33
Benzene
Concen: 0.271 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion: 78 Resp: 9373





#37

1,2-Dichloropropane

Concen: 0.205 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

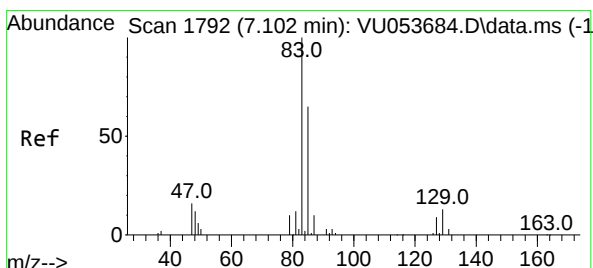
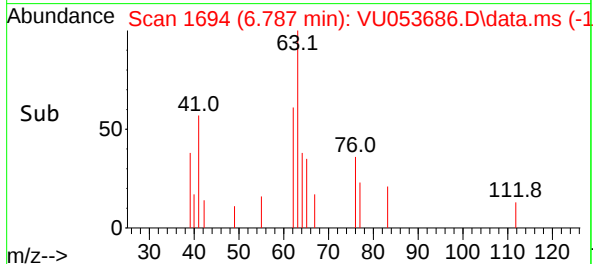
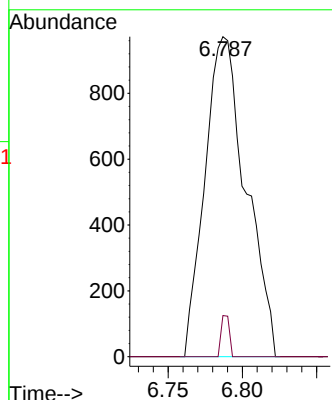
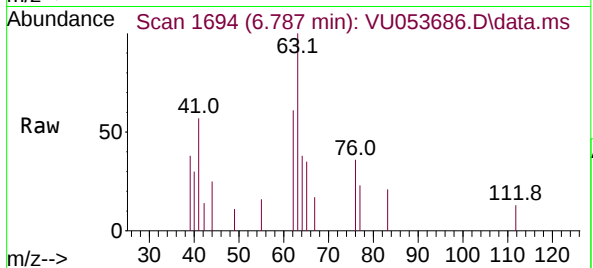
MDL-WATER-QT2-2023-03

Tgt Ion: 63 Resp: 1869

Ion Ratio Lower Upper

63 100

112 2.6 3.0 4.4#



#38

Bromodichloromethane

Concen: 0.214 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

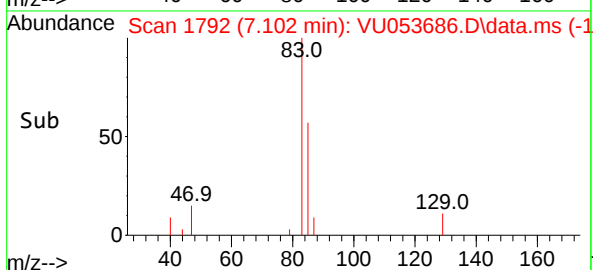
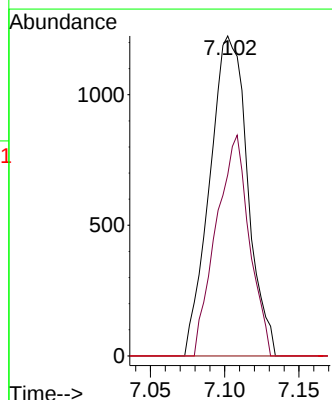
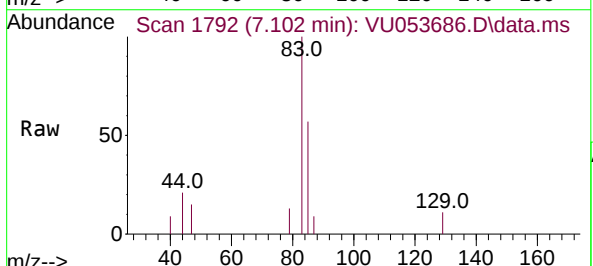
Tgt Ion: 83 Resp: 2173

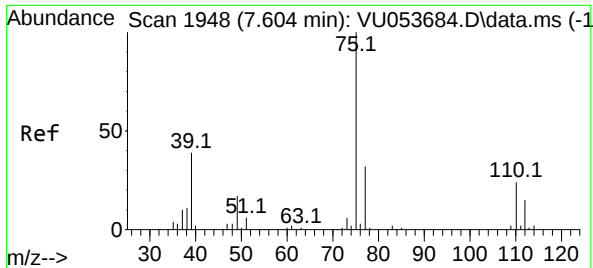
Ion Ratio Lower Upper

83 100

85 56.6 44.0 81.8

127 0.0 5.8 8.6#

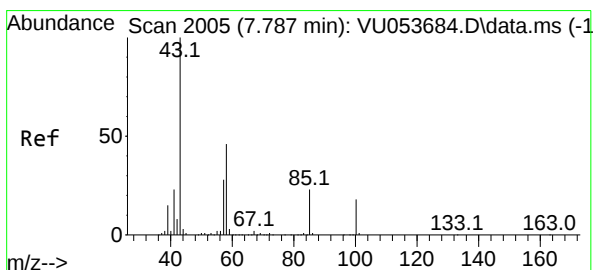
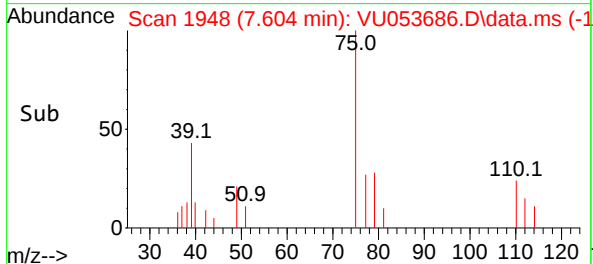
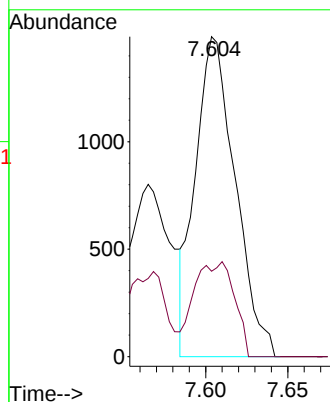
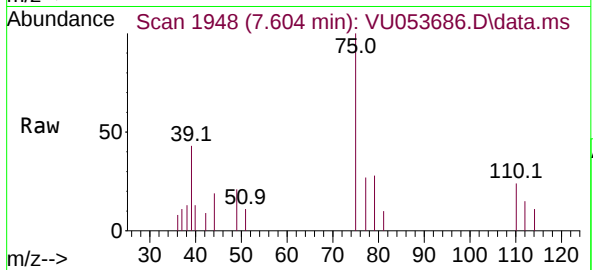




#39
 cis-1,3-Dichloropropene
 Concen: 0.186 ug/L
 RT: 7.604 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU053686.D
 Acq: 13 Apr 2023 16:52

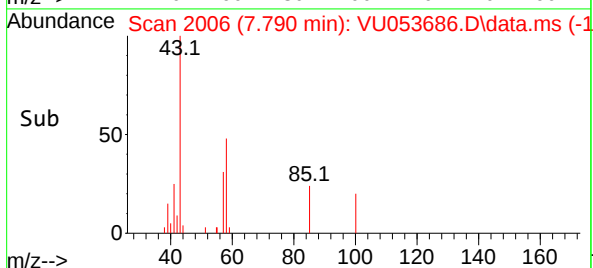
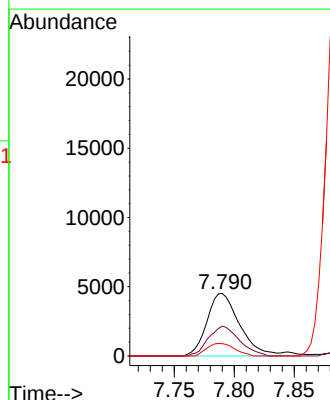
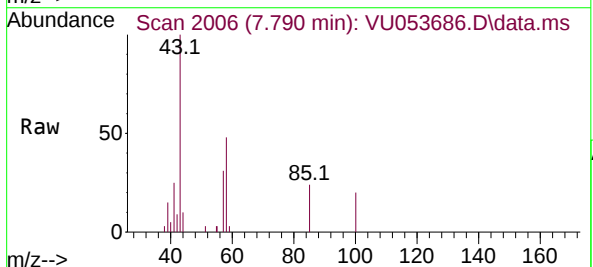
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT2-2023-03

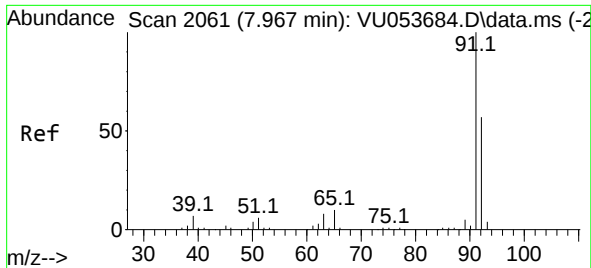
Tgt Ion: 75 Resp: 2513
 Ion Ratio Lower Upper
 75 100
 77 26.7 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 1.910 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. 0.003 min
 Lab File: VU053686.D
 Acq: 13 Apr 2023 16:52

Tgt Ion: 43 Resp: 8526
 Ion Ratio Lower Upper
 43 100
 58 45.2 37.4 56.0
 100 0.0 14.0 21.0#





#42

Toluene

Concen: 0.274 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

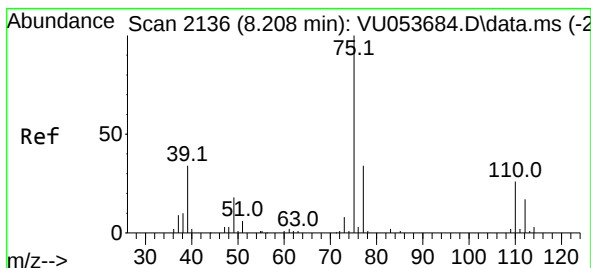
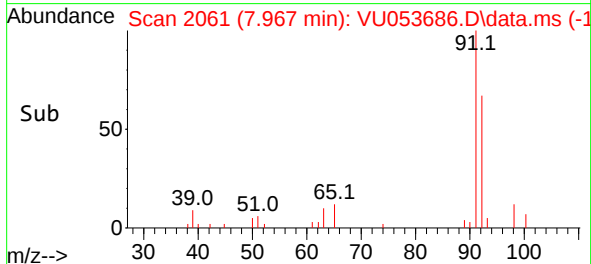
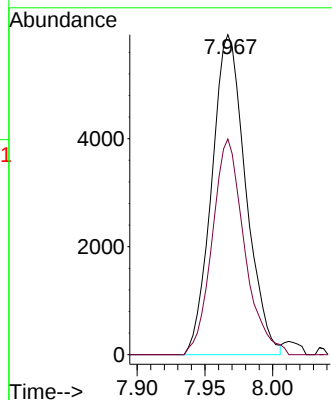
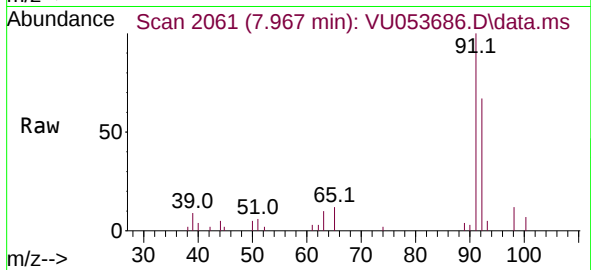
MDL-WATER-QT2-2023-03

Tgt Ion: 91 Resp: 10330

Ion Ratio Lower Upper

91 100

92 67.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.231 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU053686.D

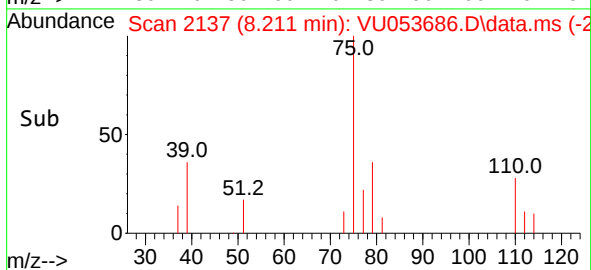
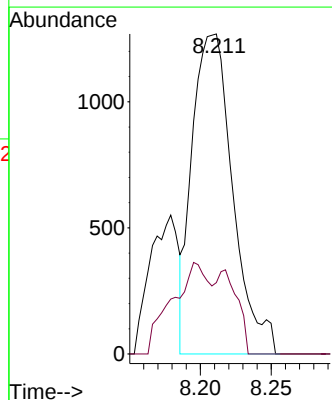
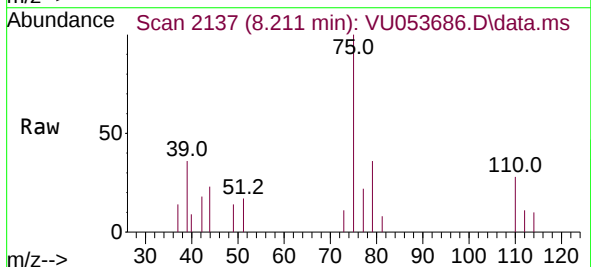
Acq: 13 Apr 2023 16:52

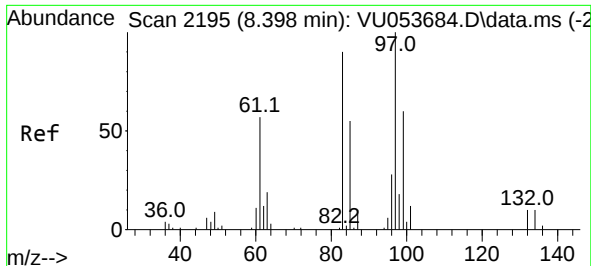
Tgt Ion: 75 Resp: 2533

Ion Ratio Lower Upper

75 100

77 22.3 22.0 40.8

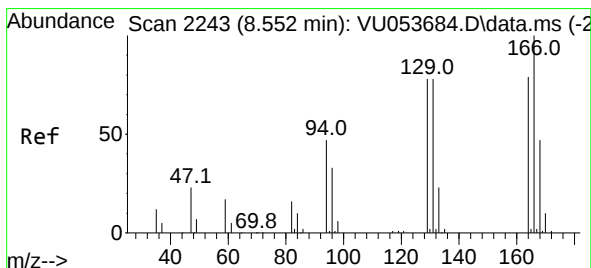
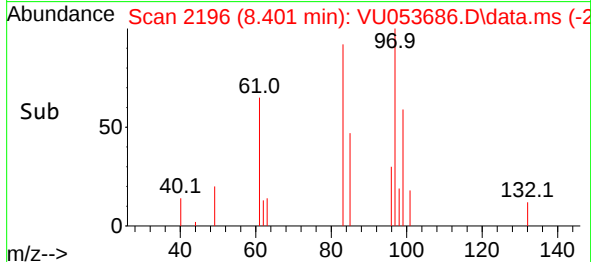
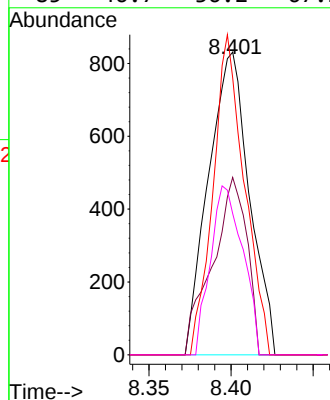
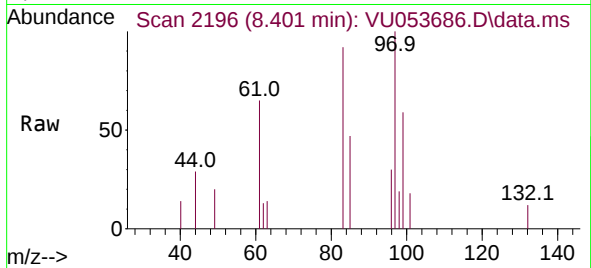




#45
1,1,2-Trichloroethane
Concen: 0.222 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

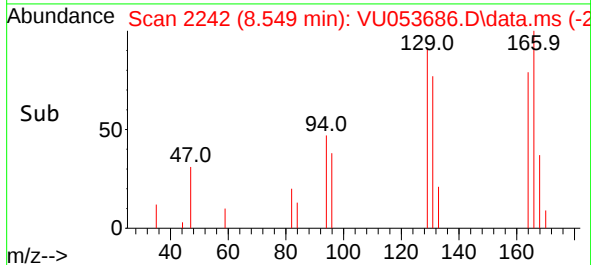
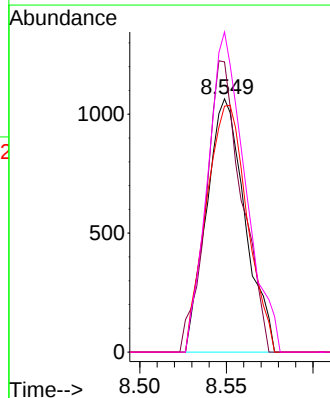
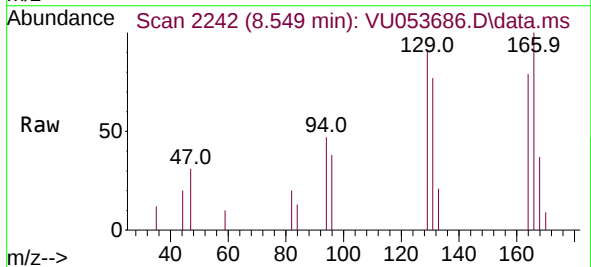
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

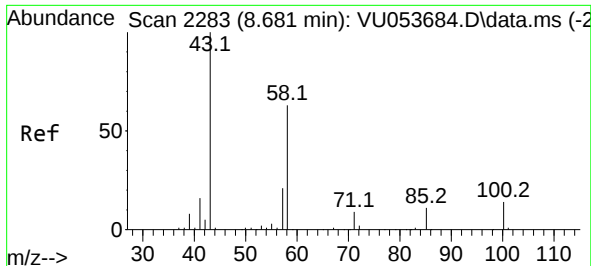
Tgt Ion: 97	Resp: 1436
Ion Ratio	Lower Upper
97 100	
99 58.6	38.9 72.2
83 91.6	57.6 107.0
85 46.7	36.2 67.2



#47
Tetrachloroethene
Concen: 0.243 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt	Ion:164	Resp:	1644
Ion	Ratio	Lower	Upper
164	100		
129	114.6	74.8	138.8
131	97.1	70.1	130.1
166	126.4	87.3	162.1

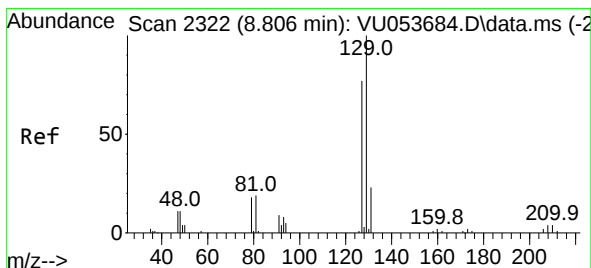
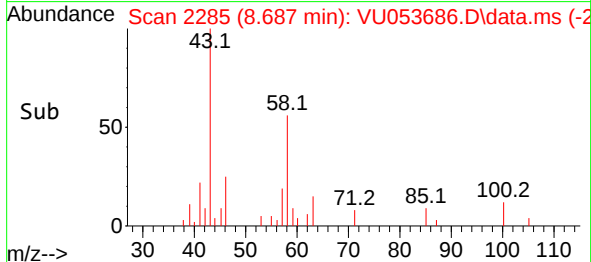
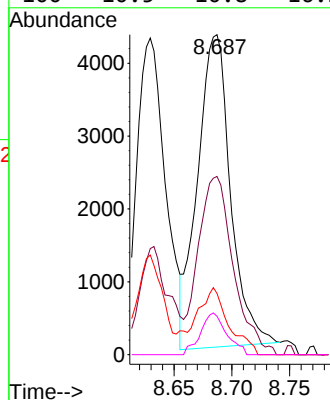
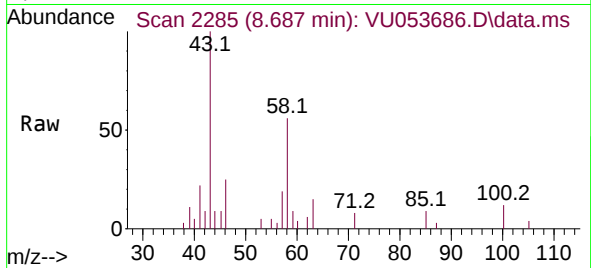




#48
2-Hexanone
Concen: 2.593 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

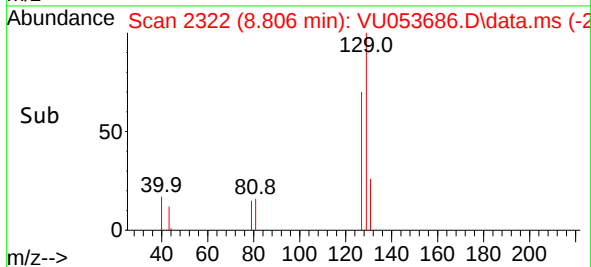
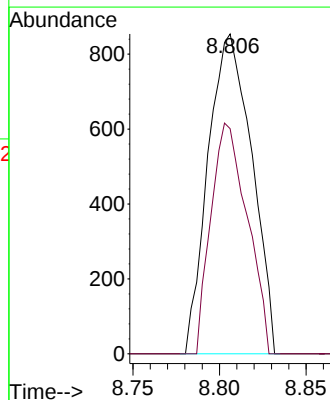
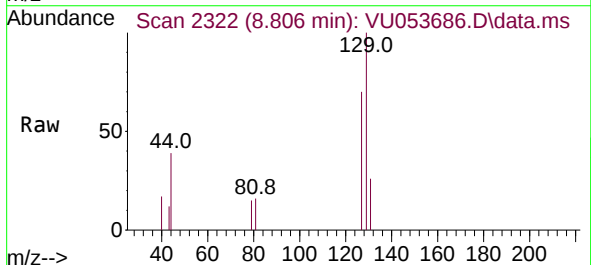
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

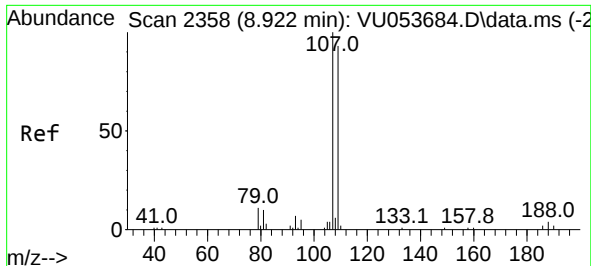
Tgt Ion: 43	Resp: 8557
Ion Ratio	Lower Upper
43 100	
58 60.4	52.8 79.2
57 21.7	17.1 25.7
100 10.5	10.8 16.2#



#49
Dibromochloromethane
Concen: 0.234 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion:129	Resp:	1498	
Ion	Ratio	Lower	Upper
129	100		
127	70.4	52.2	97.0





#50

1,2-Dibromoethane

Concen: 0.202 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053686.D

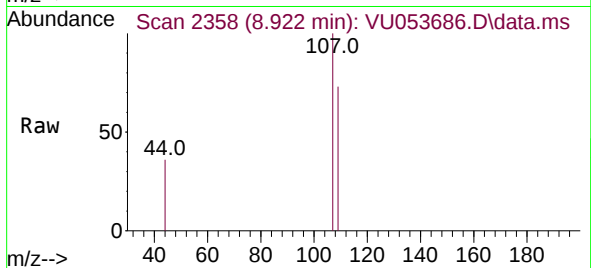
Acq: 13 Apr 2023 16:52

Instrument :

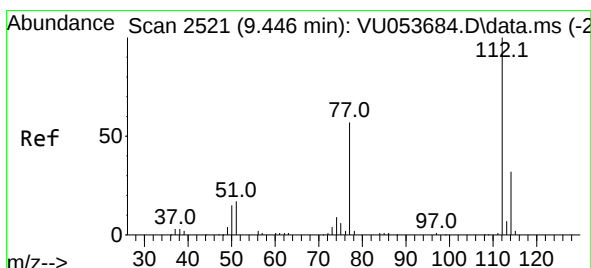
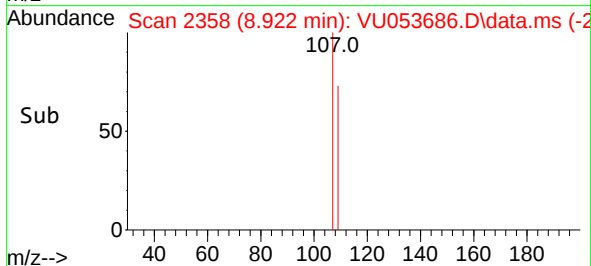
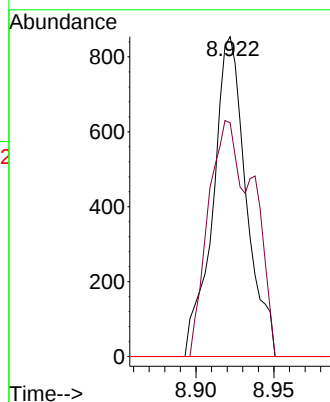
MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03



Tgt Ion:	107	Resp:	1266
Ion	Ratio	Lower	Upper
107	100		
109	73.1	64.7	120.1
188	0.0	3.0	4.6#



#51

Chlorobenzene

Concen: 0.290 ug/L

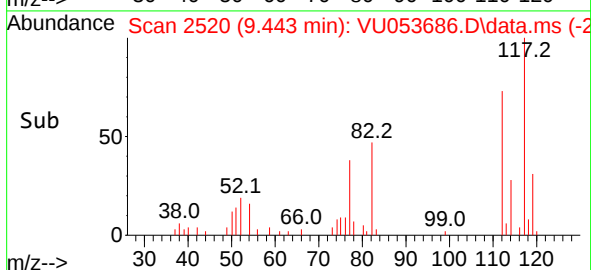
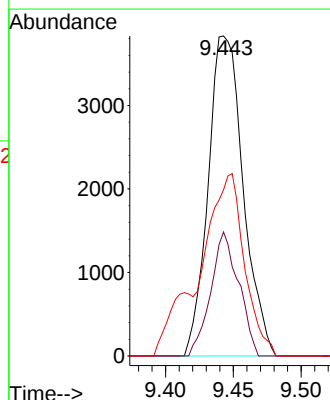
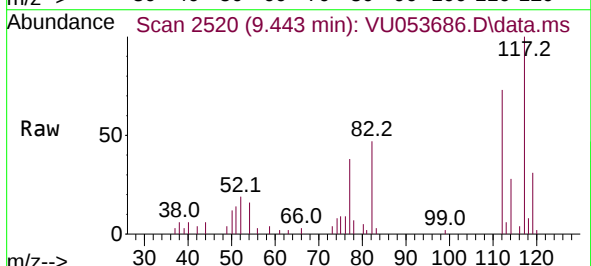
RT: 9.443 min Scan# 2520

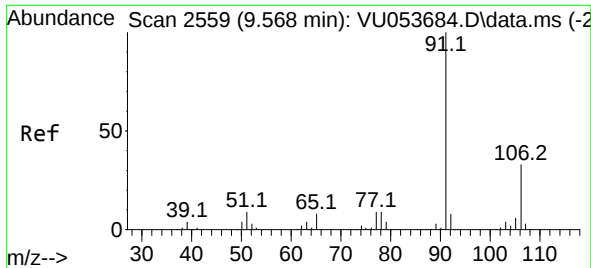
Delta R.T. -0.003 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Tgt Ion:	112	Resp:	6905
Ion	Ratio	Lower	Upper
112	100		
114	38.8	22.1	41.1
77	51.9	45.8	68.6

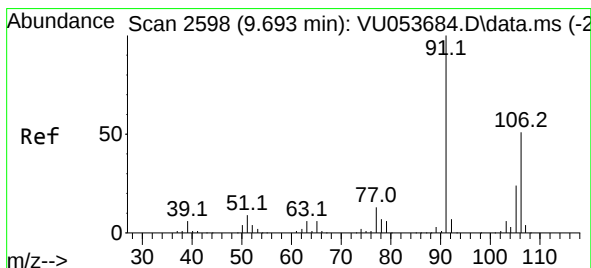
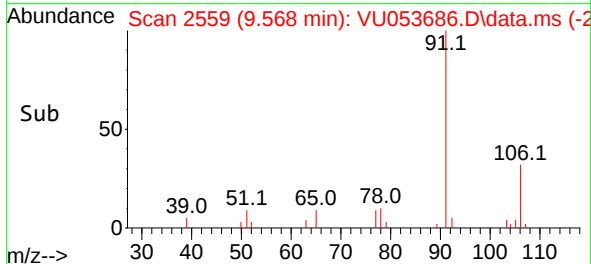
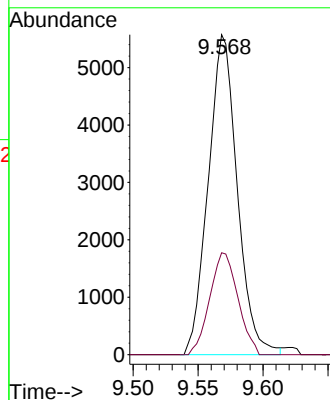
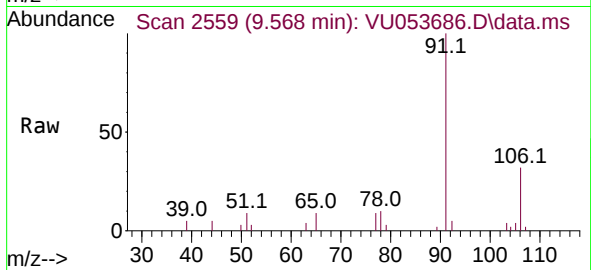




#52
Ethylbenzene
Concen: 0.210 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

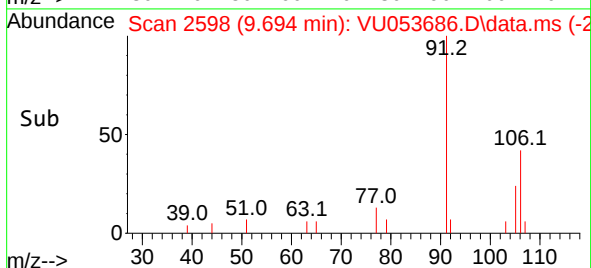
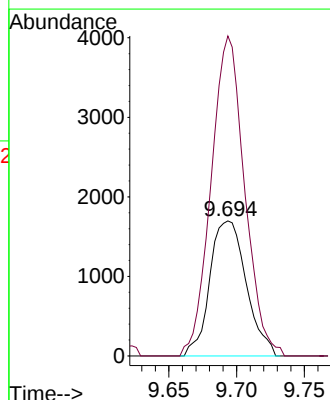
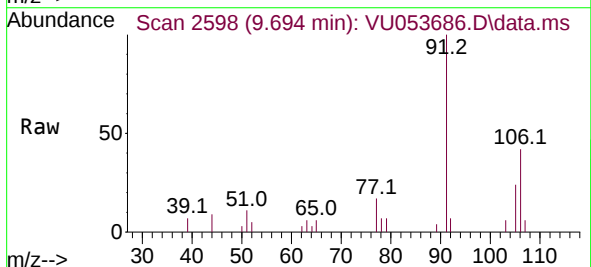
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

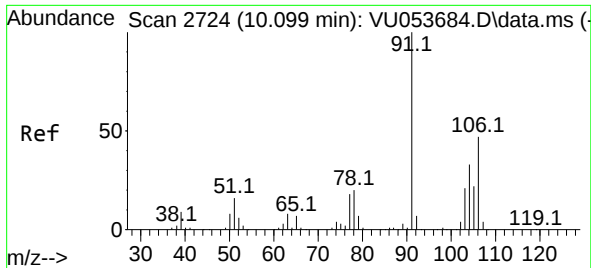
Tgt Ion: 91 Resp: 8656
Ion Ratio Lower Upper
91 100
106 31.9 22.5 41.9



#53
m,p-Xylene
Concen: 0.202 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion: 106 Resp: 3175
Ion Ratio Lower Upper
106 100
91 236.9 138.8 257.8

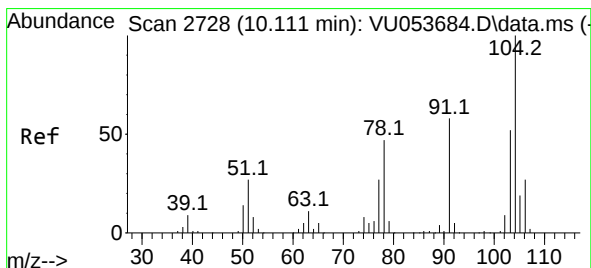
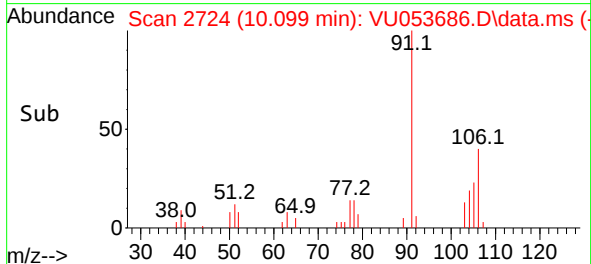
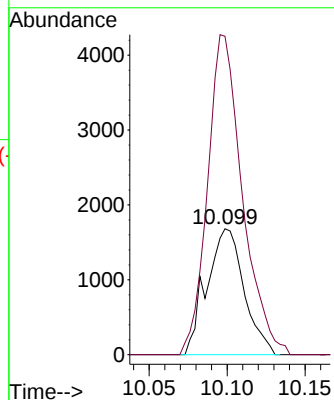
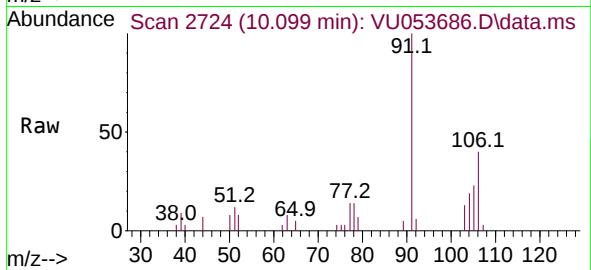




#54
o-Xylene
Concen: 0.188 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

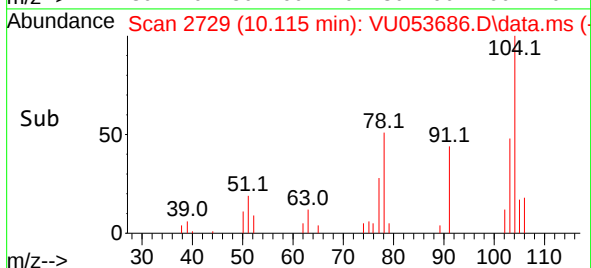
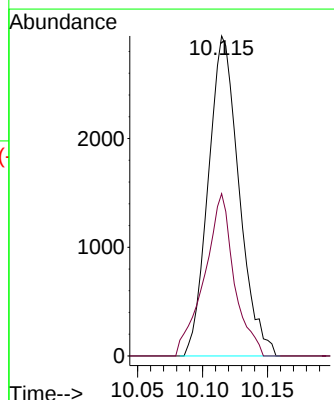
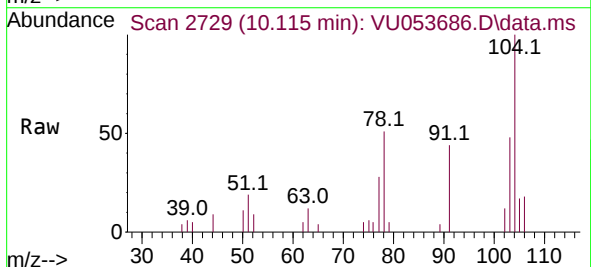
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

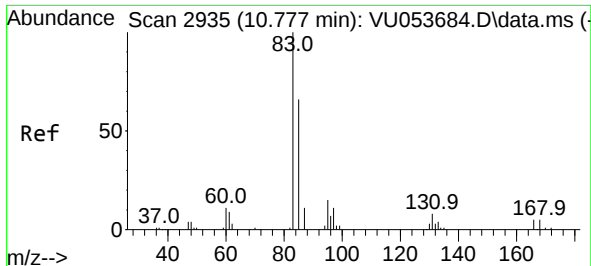
Tgt Ion:106 Resp: 2799
Ion Ratio Lower Upper
106 100
91 252.6 150.8 280.0



#55
Styrene
Concen: 0.198 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion:104 Resp: 4840
Ion Ratio Lower Upper
104 100
78 50.7 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.226 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

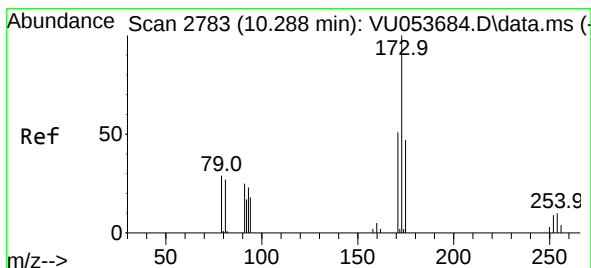
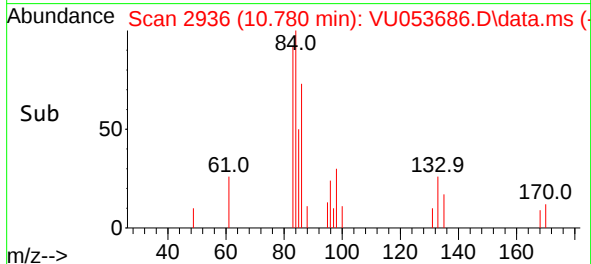
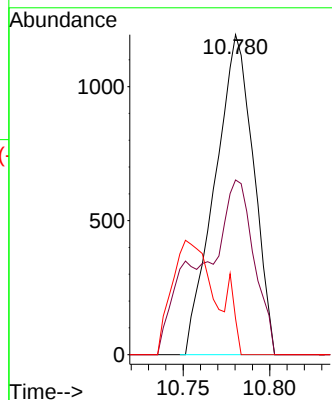
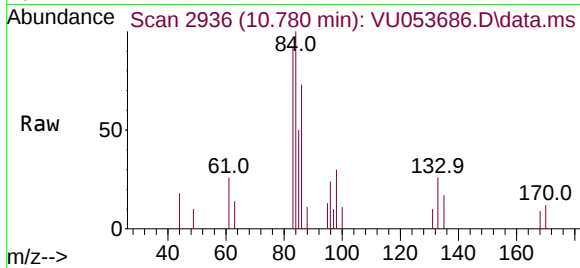
Tgt Ion: 83 Resp: 1846

Ion Ratio Lower Upper

83 100

85 54.6 43.8 81.4

131 11.2 7.2 10.8#



#59

Bromoform

Concen: 0.203 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.003 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

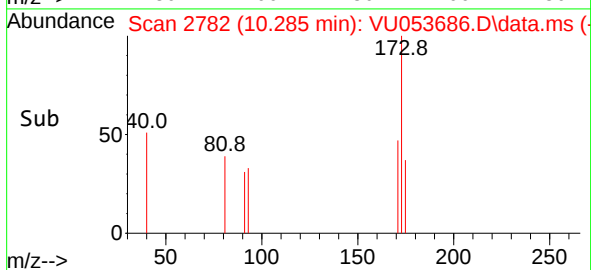
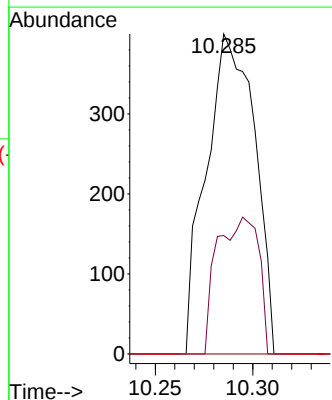
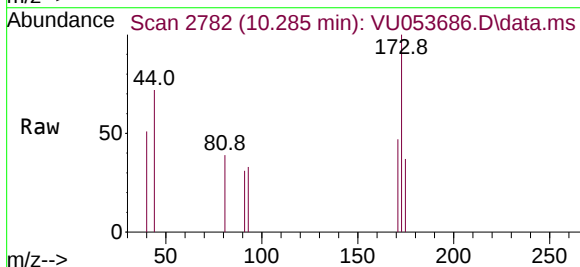
Tgt Ion:173 Resp: 691

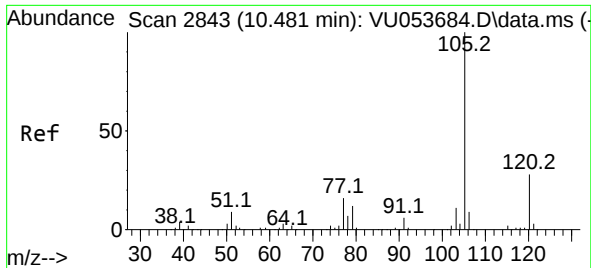
Ion Ratio Lower Upper

173 100

175 36.6 39.9 59.9#

254 0.0 6.6 9.8#

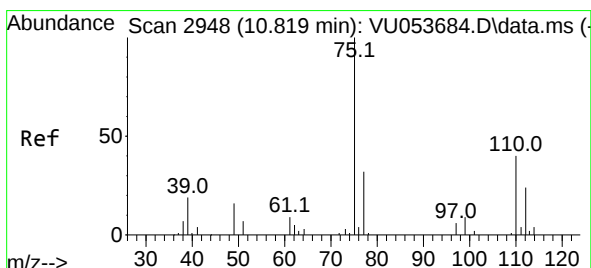
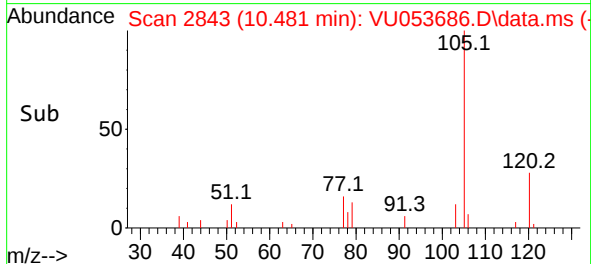
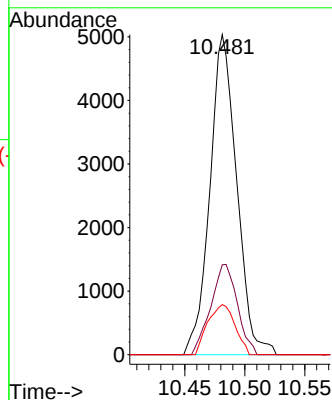
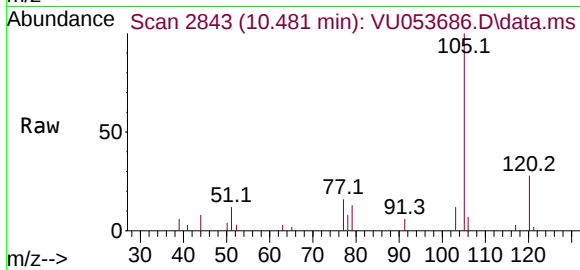




#60
Isopropylbenzene
Concen: 0.195 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

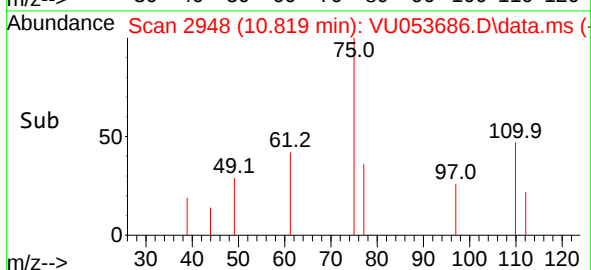
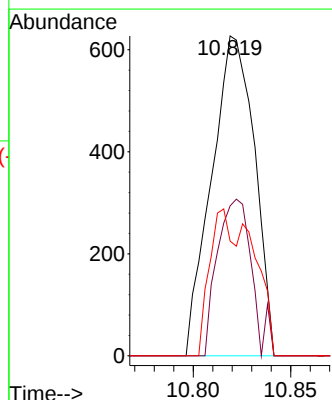
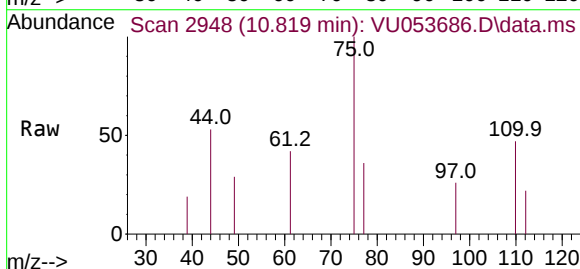
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

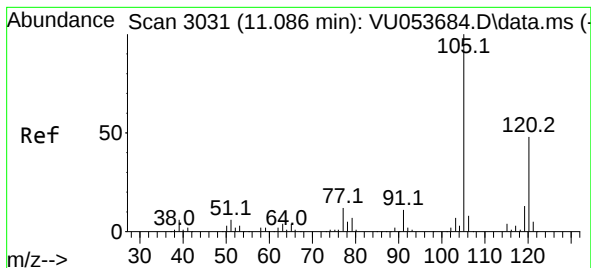
Tgt Ion:	105	Resp:	7828
Ion	Ratio	Lower	Upper
105	100		
120	27.9	21.5	32.3
77	15.8	13.0	19.4



#61
1,2,3-Trichloropropane
Concen: 0.176 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion:	75	Resp:	962
Ion	Ratio	Lower	Upper
75	100		
110	39.0	30.6	46.0
77	26.7	26.1	39.1





#62

1,3,5-Trimethylbenzene

Concen: 0.183 ug/L

RT: 11.089 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

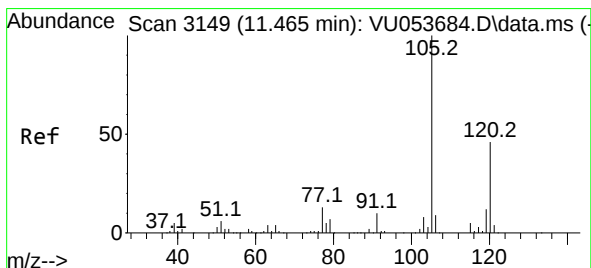
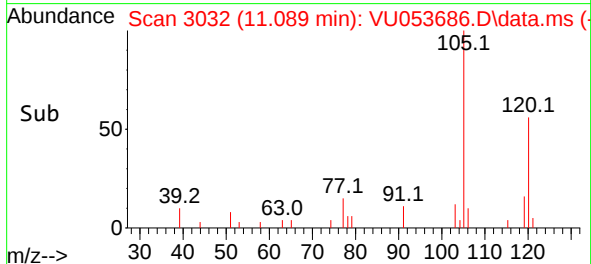
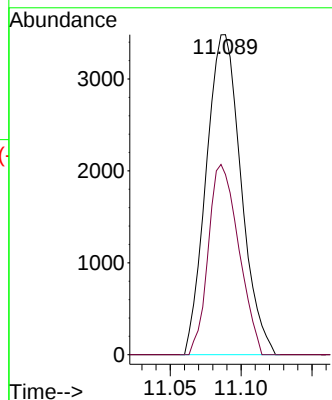
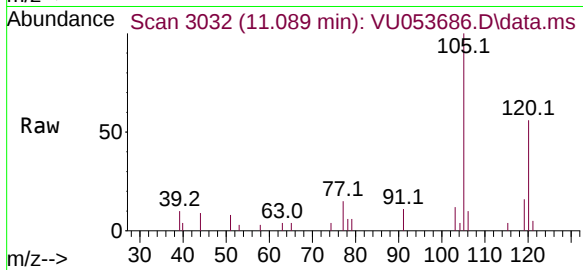
MDL-WATER-QT2-2023-03

Tgt Ion:105 Resp: 5965

Ion Ratio Lower Upper

105 100

120 51.7 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 0.195 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VU053686.D

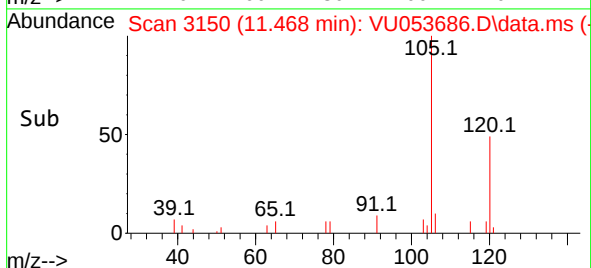
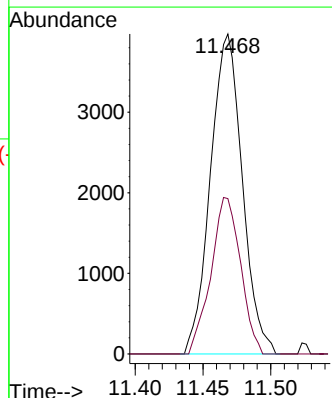
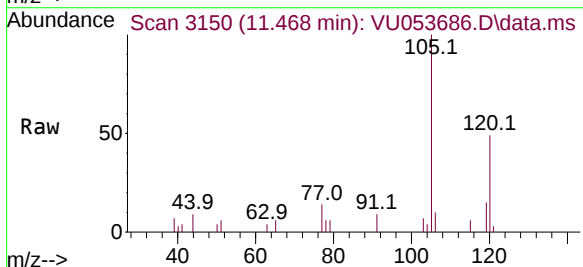
Acq: 13 Apr 2023 16:52

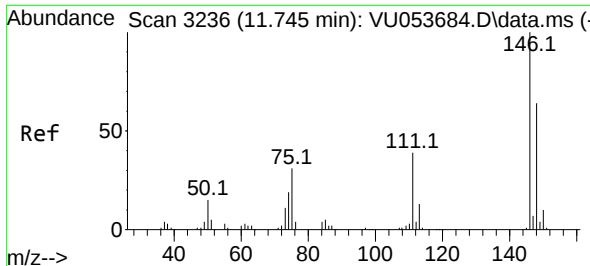
Tgt Ion:105 Resp: 6492

Ion Ratio Lower Upper

105 100

120 45.4 35.4 53.0

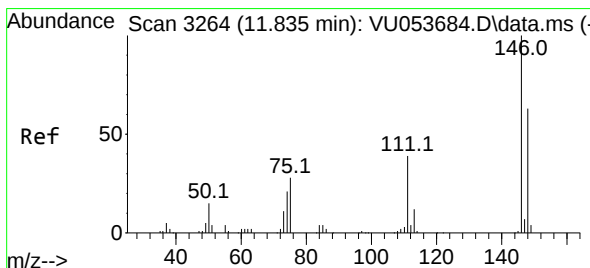
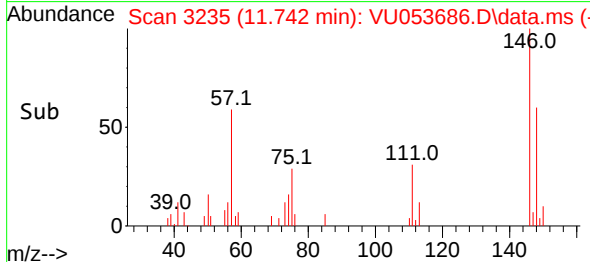
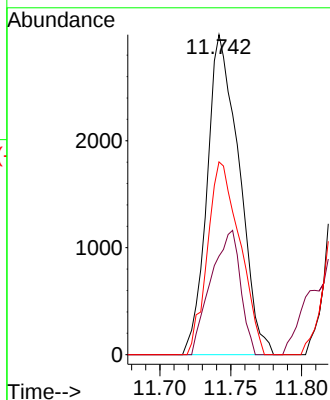
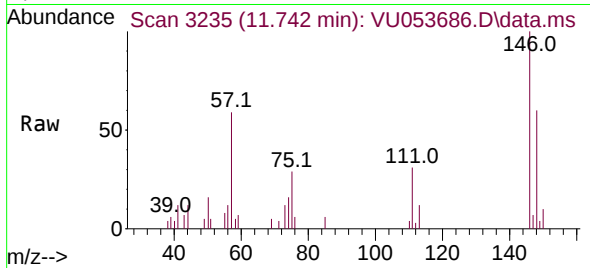




#64
1,3-Dichlorobenzene
Concen: 0.267 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

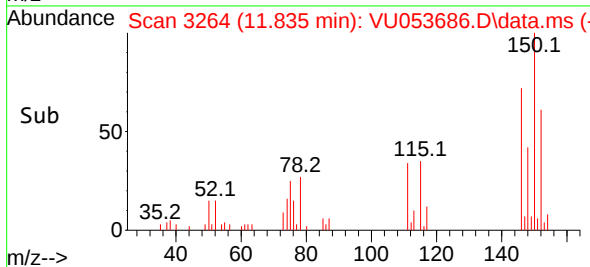
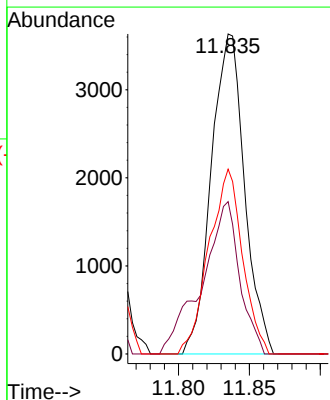
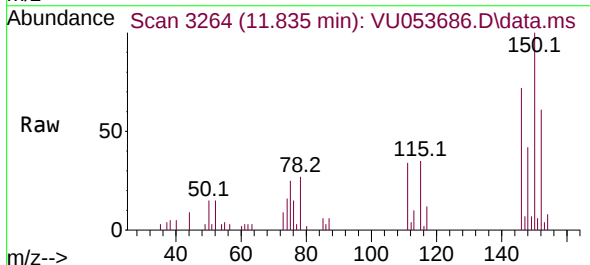
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

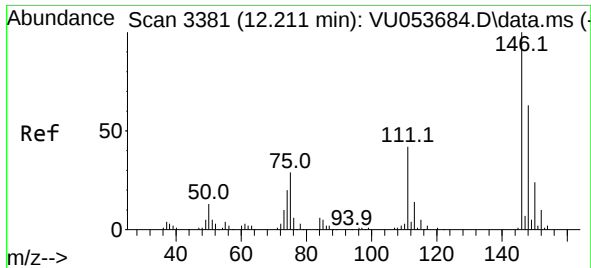
Tgt Ion:146 Resp: 4700
Ion Ratio Lower Upper
146 100
111 30.8 29.4 54.6
148 60.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.335 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion:146 Resp: 5924
Ion Ratio Lower Upper
146 100
111 47.6 29.8 55.4
148 57.7 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 0.272 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

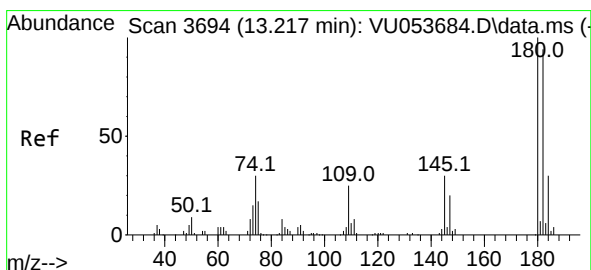
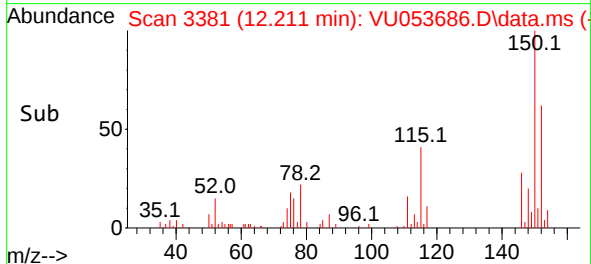
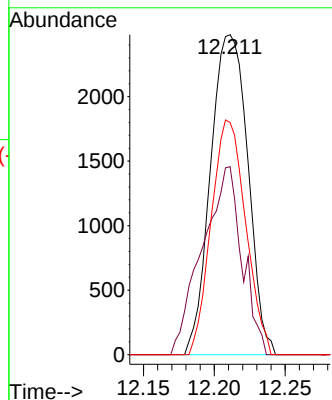
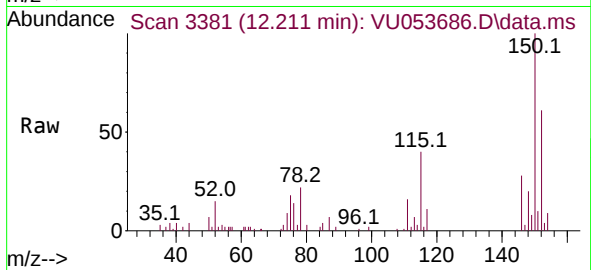
Tgt Ion:146 Resp: 4541

Ion Ratio Lower Upper

146 100

111 58.8 35.0 52.6#

148 72.5 48.2 72.4#



#69

1,3,5-Trichlorobenzene

Concen: 0.251 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.003 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Tgt Ion:180 Resp: 3085

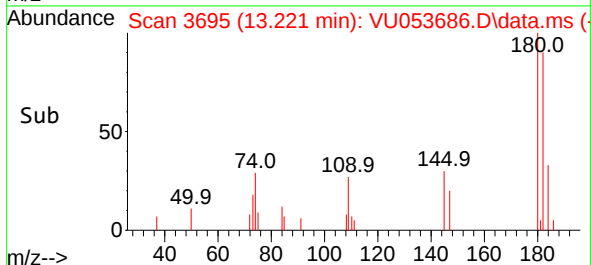
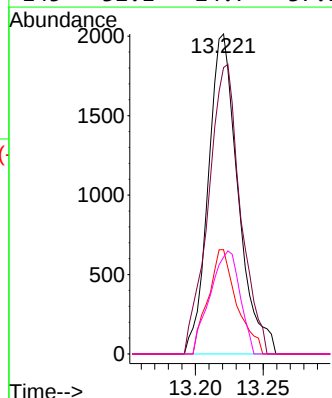
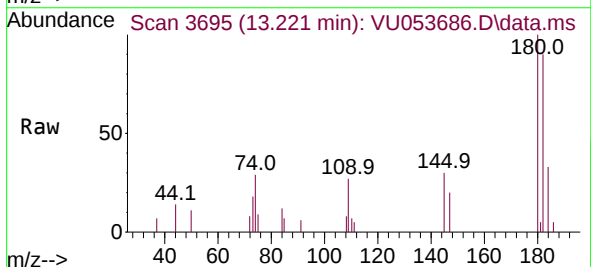
Ion Ratio Lower Upper

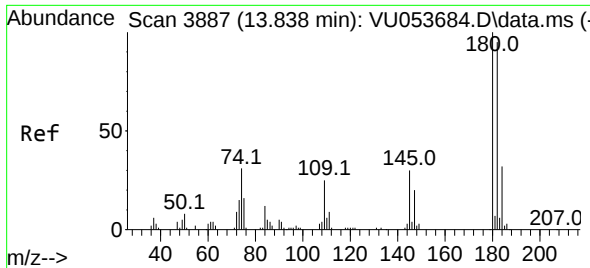
180 100

182 97.1 76.7 115.1

184 31.3 24.1 36.1

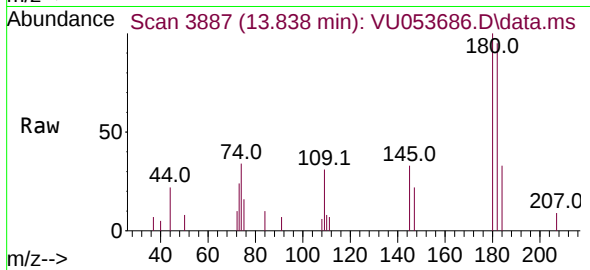
145 32.1 24.7 37.1





#70
 1,2,4-trichlorobenzene
 Concen: 0.338 ug/L
 RT: 13.838 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053686.D
 Acq: 13 Apr 2023 16:52

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-03



Tgt Ion:	180	Resp:	3311
Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.4	113.2
145	28.3	25.8	38.8

