

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053705.D
 Acq On : 14 Apr 2023 10:53
 Operator : JC/MD
 Sample : 02215-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Apr 15 05:30:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	145691	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	135040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50214	5.010	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.200%	
7) Chloroethane-d5	1.912	69	40204	4.420	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.400%	
11) 1,1-Dichloroethene-d2	2.565	65	18573	4.350	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	4.626	46	71177	31.000	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	62.000%	
24) Chloroform-d	5.057	84	79014	4.253	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
26) 1,2-Dichloroethane-d4	5.700	65	36917	3.877	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
32) Benzene-d6	5.722	84	162092	4.235	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
36) 1,2-Dichloropropane-d6	6.687	67	48846	4.189	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.896	98	151136	4.186	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	8.176	79	17936	4.008	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.629	63	61782	33.989	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	67.980%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33219	3.422	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	68.400%	
66) 1,2-Dichlorobenzene-d4	12.188	152	50171	4.239	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3072	0.294	ug/L	95
3) Chloromethane	1.520	50	3178	0.302	ug/L	87
5) Vinyl chloride	1.604	62	3494	0.295	ug/L #	12
6) Bromomethane	1.858	94	1877	0.250	ug/L	79
8) Chloroethane	1.932	64	1839	0.267	ug/L	91
9) Trichlorofluoromethane	2.137	101	4836	0.270	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	3589	0.395	ug/L #	82
12) 1,1-Dichloroethene	2.575	96	3629	0.440	ug/L #	1
14) Carbon disulfide	2.790	76	6977	0.288	ug/L #	94
15) Methyl Acetate	2.951	43	541	0.169	ug/L #	56
16) Methylene chloride	3.044	84	4808	0.444	ug/L	92
17) Methyl tert-butyl Ether	3.366	73	4657	0.233	ug/L #	92
18) trans-1,2-Dichloroethene	3.356	96	2229	0.260	ug/L	95
19) 1,1-Dichloroethane	3.867	63	4383	0.278	ug/L	98
21) 2-Butanone	4.719	43	4294	2.030	ug/L	84
22) cis-1,2-Dichloroethene	4.665	96	2311	0.200	ug/L	89
23) Bromochloromethane	4.960	128	606	0.148	ug/L	73
27) 1,2-Dichloroethane	5.790	62	2510	0.247	ug/L #	91
29) 1,1,1-Trichloroethane	5.311	97	6378	0.478	ug/L	94

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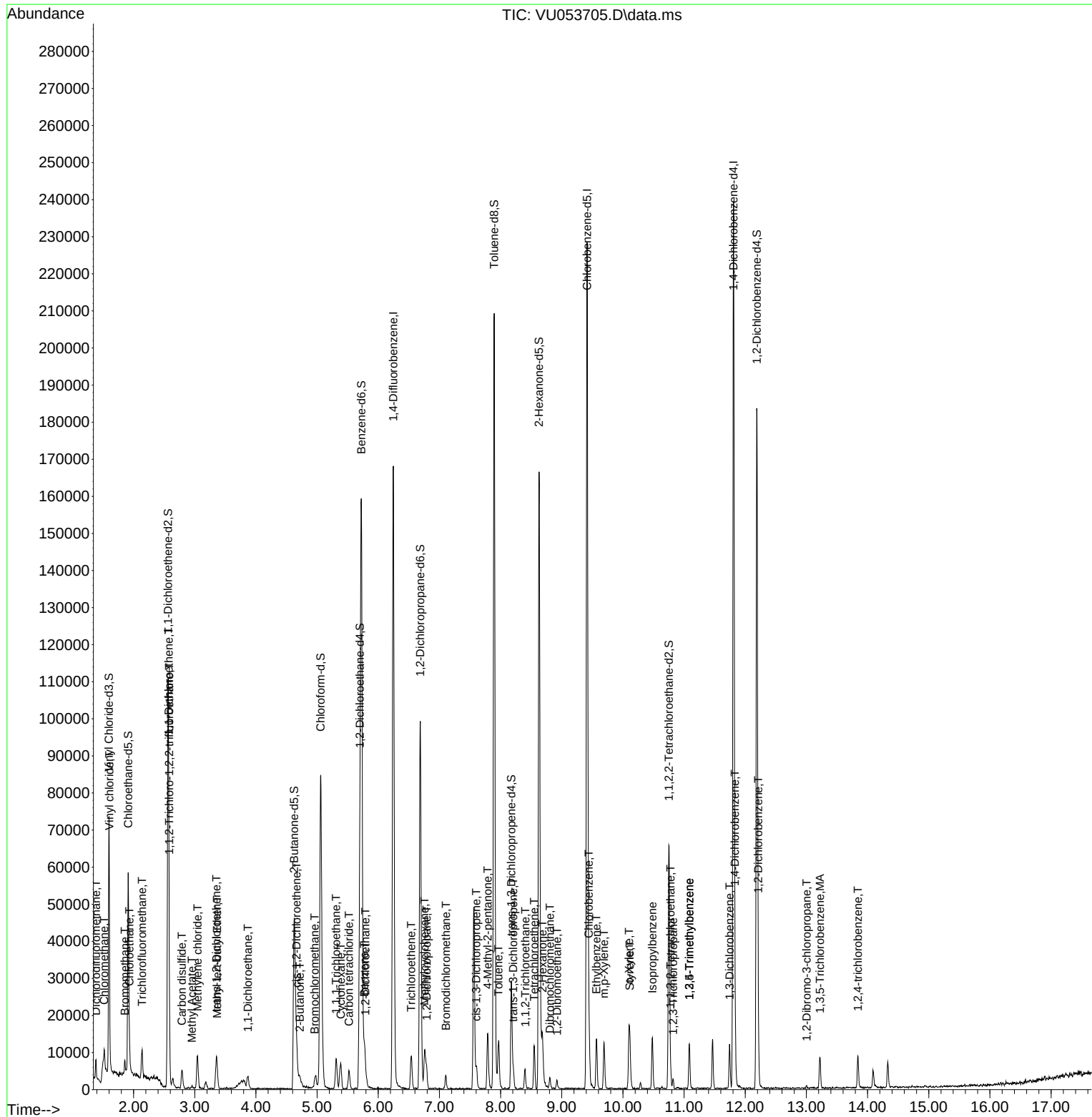
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.388	56	3338	0.235	ug/L	85
31) Carbon tetrachloride	5.520	117	3202	0.284	ug/L	97
33) Benzene	5.771	78	10075	0.278	ug/L	100
34) Trichloroethene	6.539	95	3200	0.332	ug/L	90
35) Methylcyclohexane	6.758	83	4062	0.246	ug/L	93
37) 1,2-Dichloropropane	6.790	63	2662	0.279	ug/L #	89
38) Bromodichloromethane	7.105	83	2733	0.258	ug/L #	97
39) cis-1,3-Dichloropropene	7.603	75	3502	0.248	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	10169	2.175	ug/L #	85
42) Toluene	7.967	91	9877	0.250	ug/L	89
44) trans-1,3-Dichloropropene	8.208	75	3146	0.274	ug/L	86
45) 1,1,2-Trichloroethane	8.404	97	1879	0.277	ug/L	94
47) Tetrachloroethene	8.549	164	2658	0.375	ug/L	96
48) 2-Hexanone	8.687	43	7555	2.185	ug/L	97
49) Dibromochloromethane	8.806	129	1949	0.291	ug/L	83
50) 1,2-Dibromoethane	8.922	107	1966	0.300	ug/L #	80
51) Chlorobenzene	9.443	112	7544	0.303	ug/L	98
52) Ethylbenzene	9.568	91	10281	0.239	ug/L	96
53) m,p-Xylene	9.690	106	3884	0.236	ug/L	99
54) o-Xylene	10.098	106	3679	0.236	ug/L	85
55) Styrene	10.115	104	6202	0.242	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.777	83	1906	0.223	ug/L #	71
60) Isopropylbenzene	10.481	105	9623	0.241	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	1289	0.236	ug/L	96
62) 1,3,5-Trimethylbenzene	11.086	105	7598	0.234	ug/L	100
63) 1,2,4-Trimethylbenzene	11.086	105	7598	0.229	ug/L	95
64) 1,3-Dichlorobenzene	11.745	146	5030	0.286	ug/L	97
65) 1,4-Dichlorobenzene	11.831	146	6109	0.346	ug/L	93
67) 1,2-Dichlorobenzene	12.211	146	4782	0.287	ug/L	87
68) 1,2-Dibromo-3-chloropr...	13.002	75	230	0.218	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.220	180	3049	0.249	ug/L #	87
70) 1,2,4-trichlorobenzene	13.841	180	3335	0.342	ug/L	87

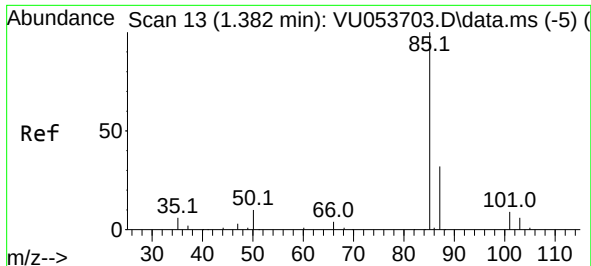
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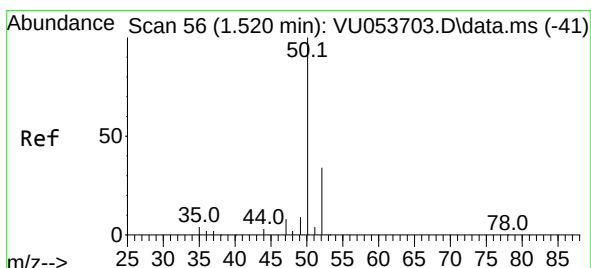
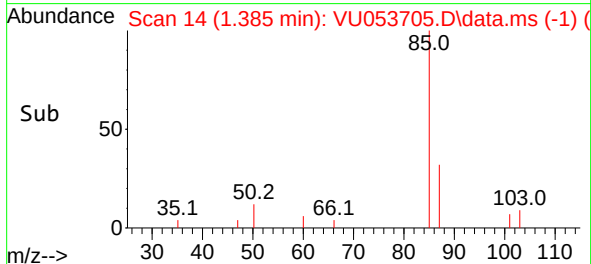
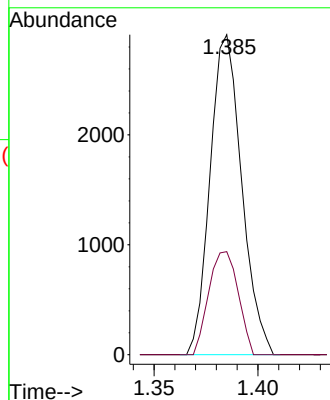
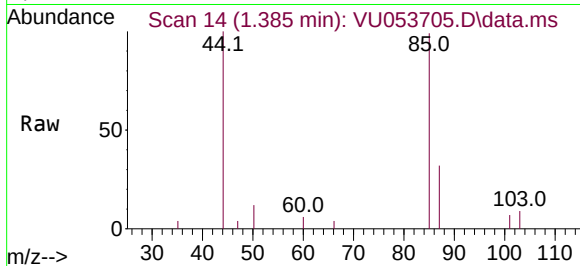




#2
Dichlorodifluoromethane
Concen: 0.294 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

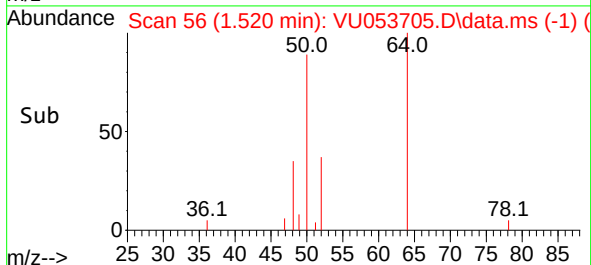
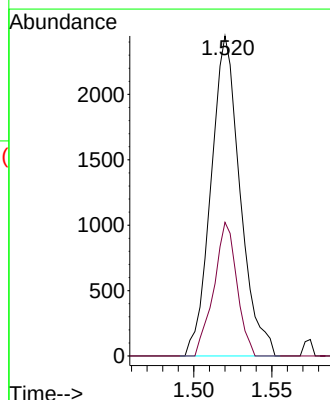
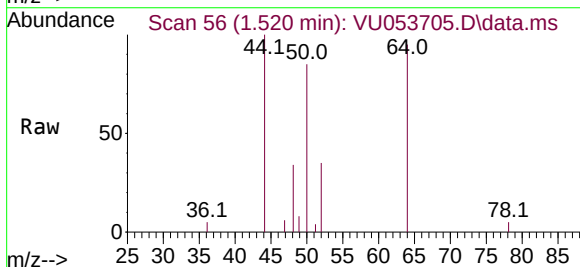
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

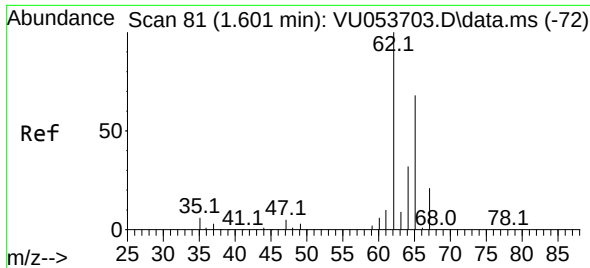
Tgt Ion: 85 Resp: 3072
Ion Ratio Lower Upper
85 100
87 30.0 26.1 39.1



#3
Chloromethane
Concen: 0.302 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion: 50 Resp: 3178
Ion Ratio Lower Upper
50 100
52 41.8 23.9 44.3

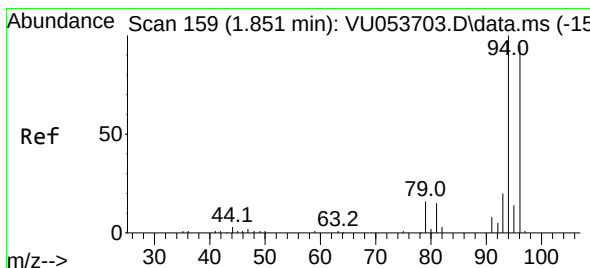
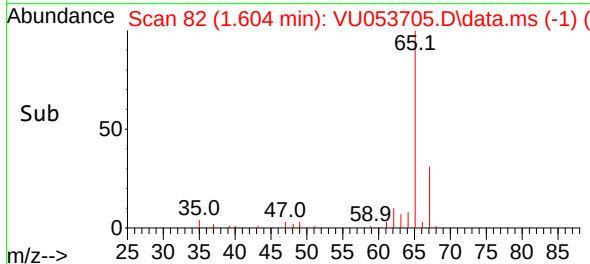
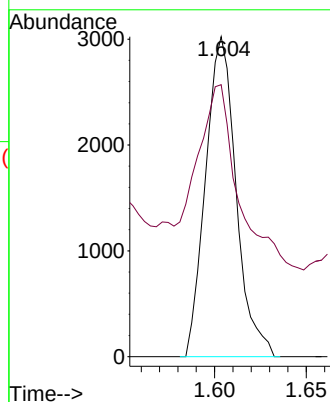
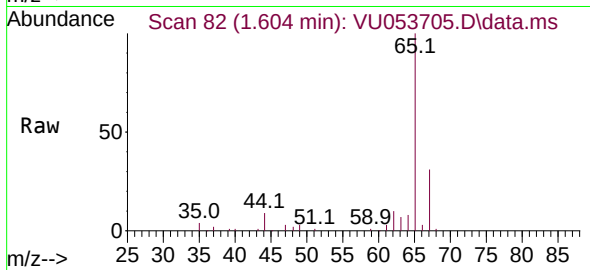




#5
 Vinyl chloride
 Concen: 0.295 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU053705.D
 Acq: 14 Apr 2023 10:53

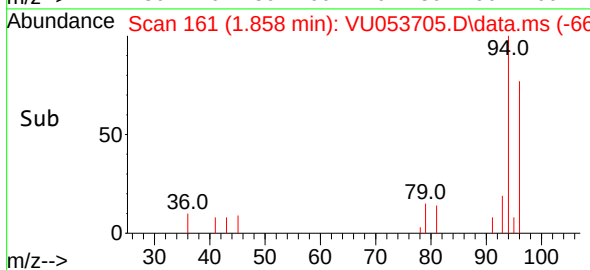
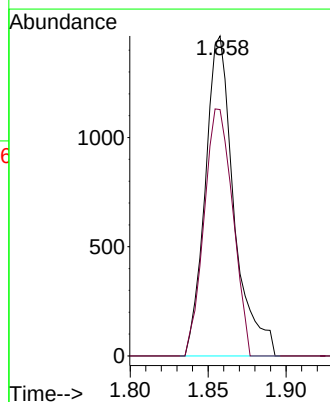
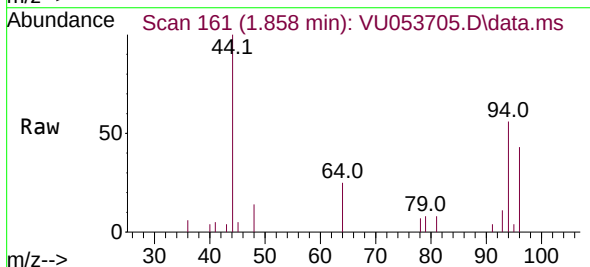
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 MDL-WATER-QT2-2023-03

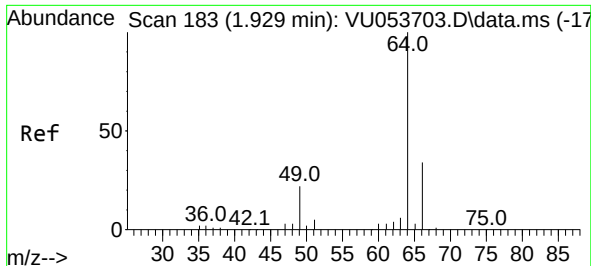
Tgt Ion: 62 Resp: 3494
 Ion Ratio Lower Upper
 62 100
 64 85.0 24.1 44.7#



#6
 Bromomethane
 Concen: 0.250 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.006 min
 Lab File: VU053705.D
 Acq: 14 Apr 2023 10:53

Tgt Ion: 94 Resp: 1877
 Ion Ratio Lower Upper
 94 100
 96 77.0 68.3 126.8

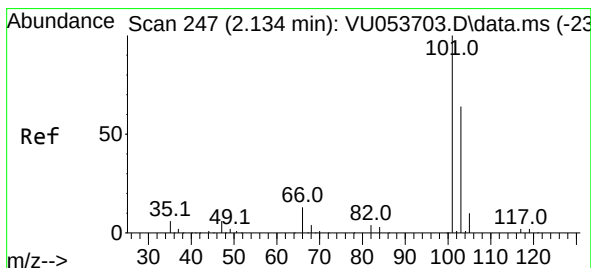
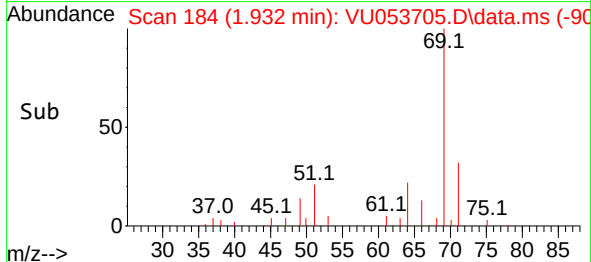
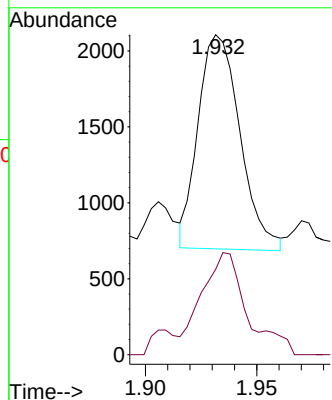
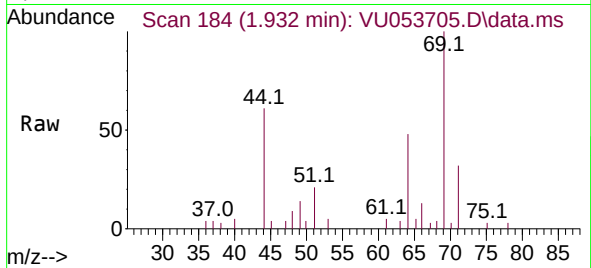




#8
Chloroethane
Concen: 0.267 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

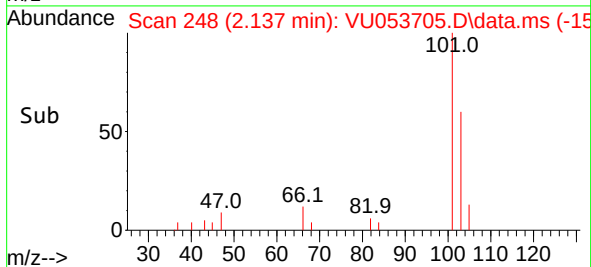
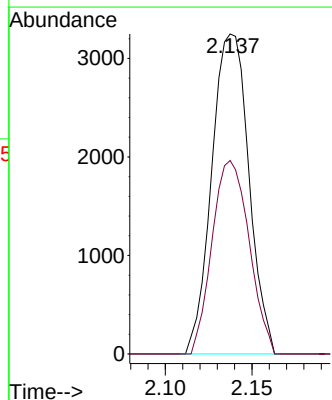
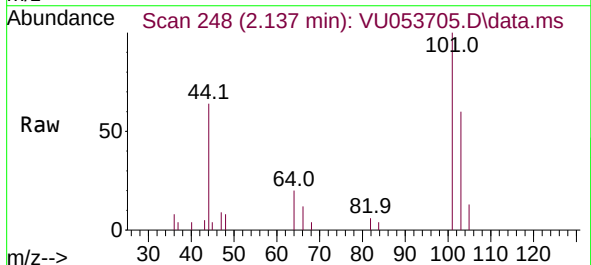
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

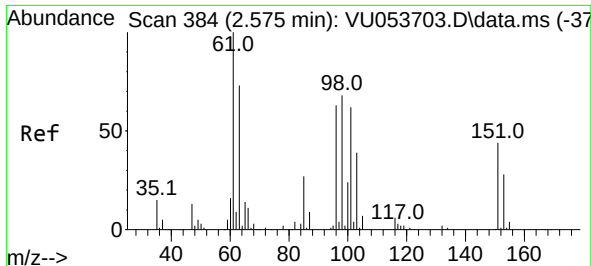
Tgt Ion: 64 Resp: 1839
Ion Ratio Lower Upper
64 100
66 26.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 0.270 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion: 101 Resp: 4836
Ion Ratio Lower Upper
101 100
103 60.2 50.2 75.2

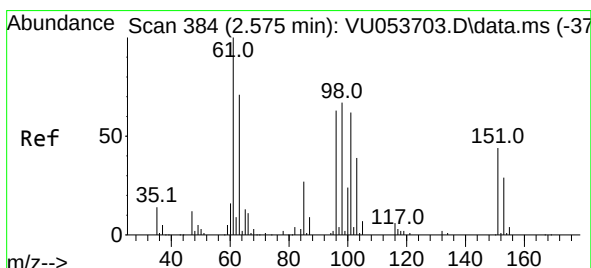
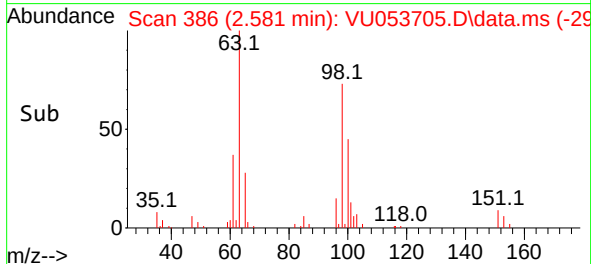
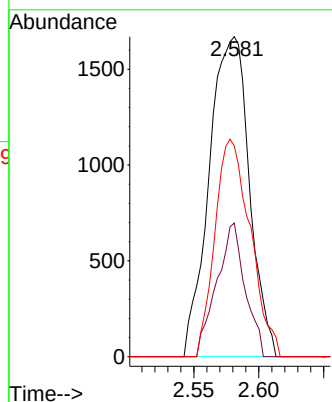
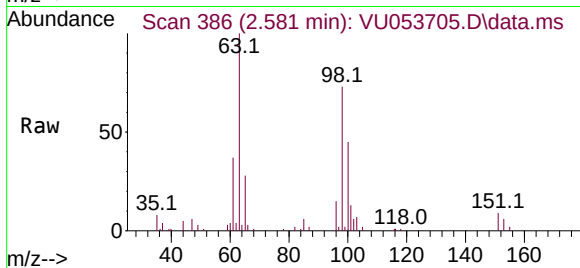




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.395 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.006 min
 Lab File: VU053705.D
 Acq: 14 Apr 2023 10:53

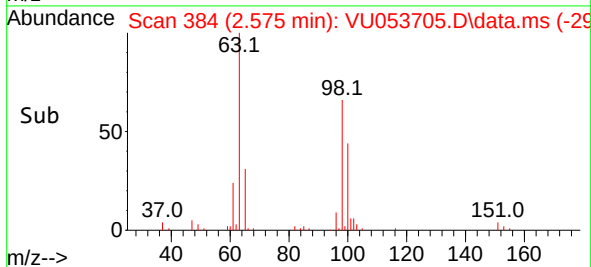
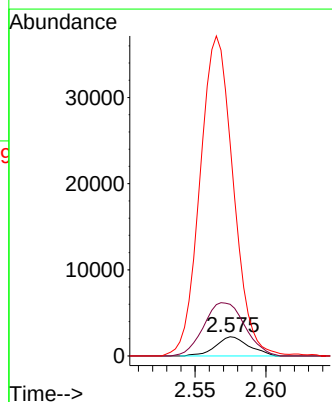
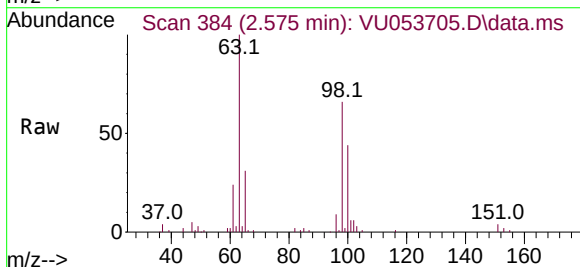
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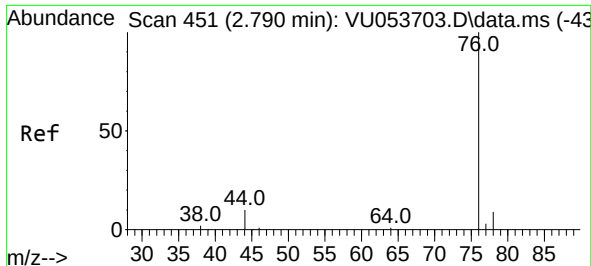
Tgt Ion:101 Resp: 3589
 Ion Ratio Lower Upper
 101 100
 85 29.5 37.0 55.4#
 151 60.0 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 0.440 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU053705.D
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Tgt Ion: 96 Resp: 3629
 Ion Ratio Lower Upper
 96 100
 61 268.9 116.8 216.8#
 63 1109.4 88.6 164.6#





#14

Carbon disulfide

Concen: 0.288 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

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MSVOA_U

ClientSampleId :

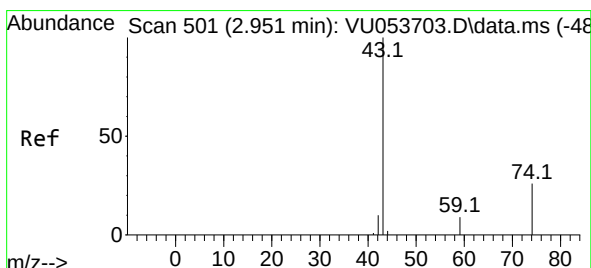
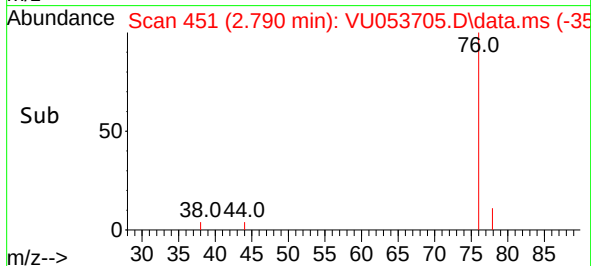
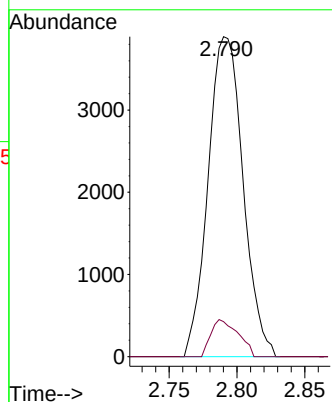
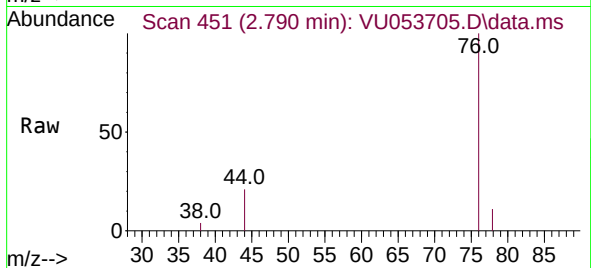
MDL-WATER-QT2-2023-03

Tgt Ion: 76 Resp: 6977

Ion Ratio Lower Upper

76 100

78 10.9 7.0 10.4#



#15

Methyl Acetate

Concen: 0.169 ug/L

RT: 2.951 min Scan# 501

Delta R.T. -0.000 min

Lab File: VU053705.D

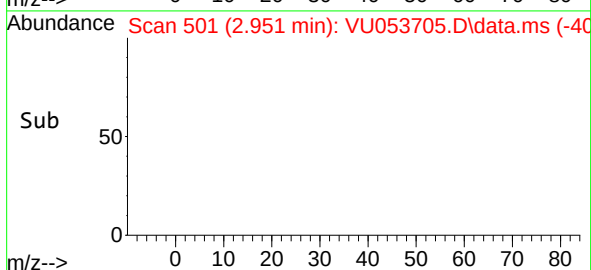
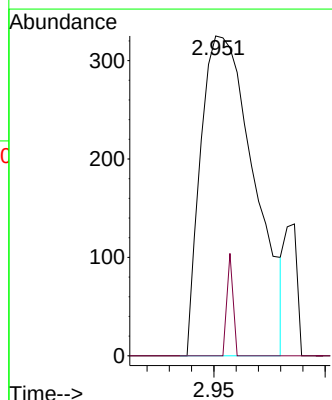
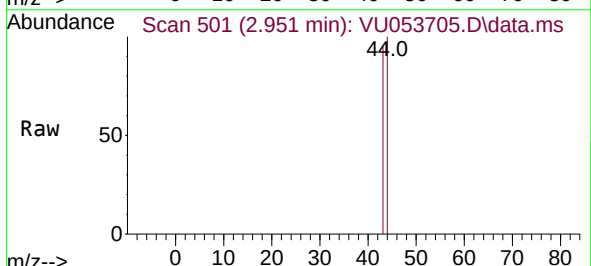
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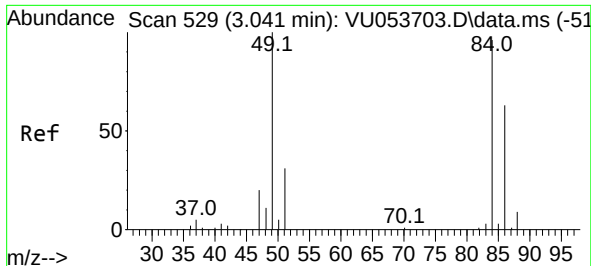
Tgt Ion: 43 Resp: 541

Ion Ratio Lower Upper

43 100

74 3.7 20.8 31.2#

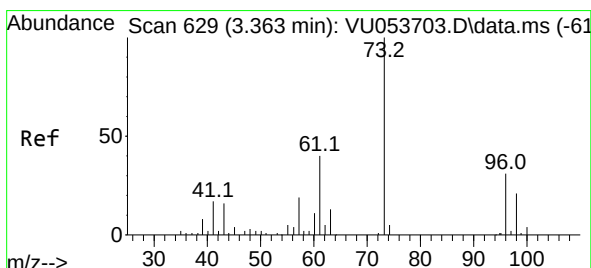
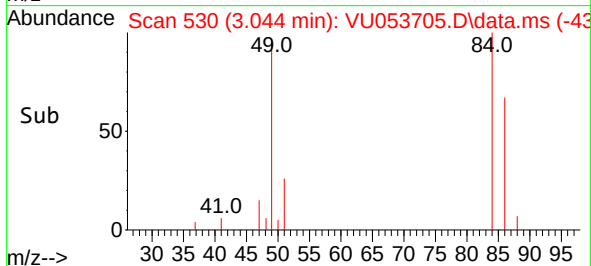
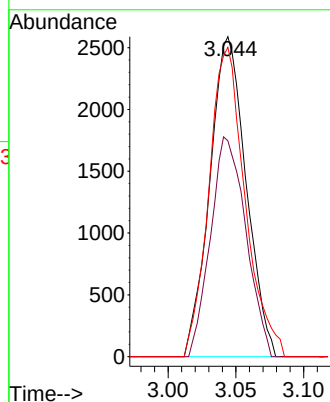
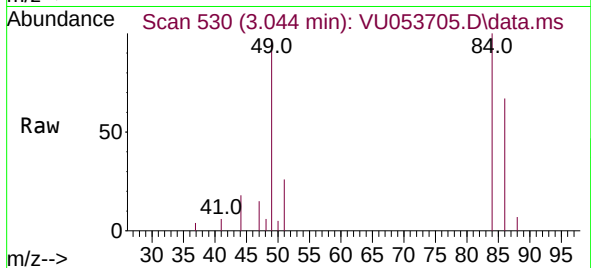




#16
Methylene chloride
Concen: 0.444 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

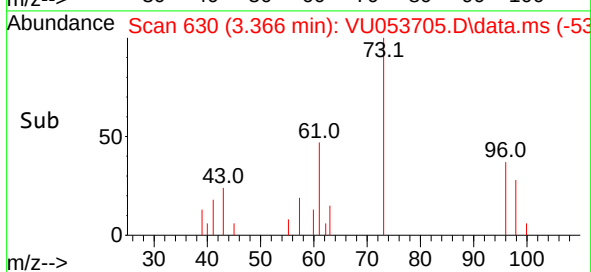
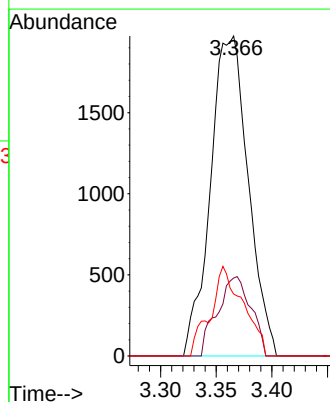
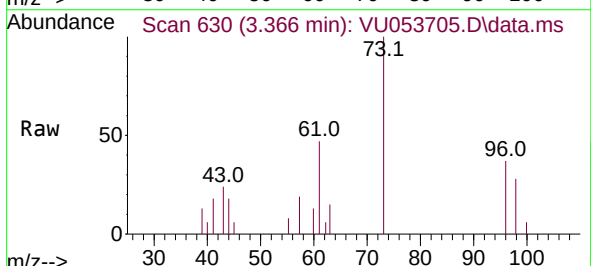
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

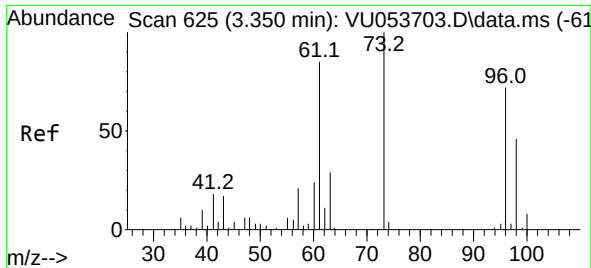
Tgt Ion: 84 Resp: 4808
Ion Ratio Lower Upper
84 100
86 67.4 44.7 83.1
49 96.6 75.5 140.1



#17
Methyl tert-butyl Ether
Concen: 0.233 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion: 73 Resp: 4657
Ion Ratio Lower Upper
73 100
43 22.0 13.9 20.9#
57 24.4 17.0 25.6

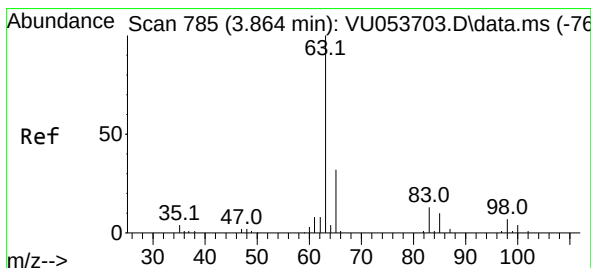
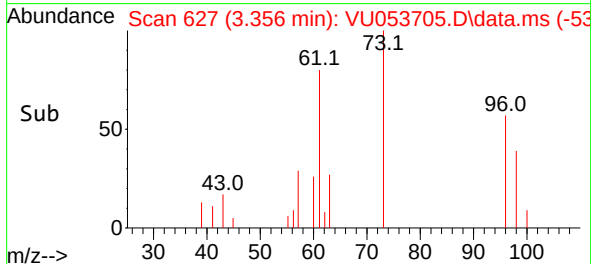
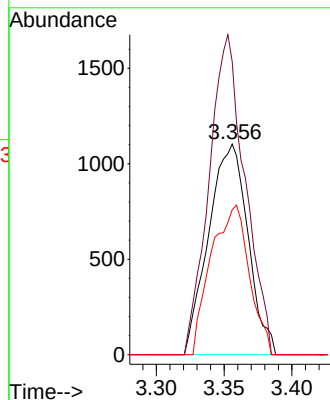
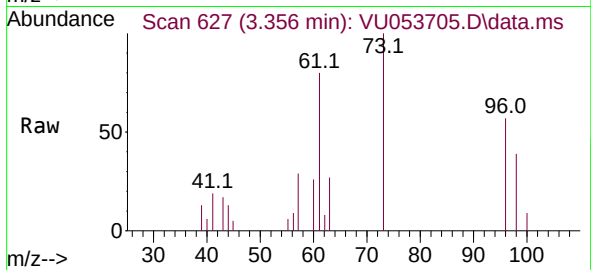




#18
trans-1,2-Dichloroethene
Concen: 0.260 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

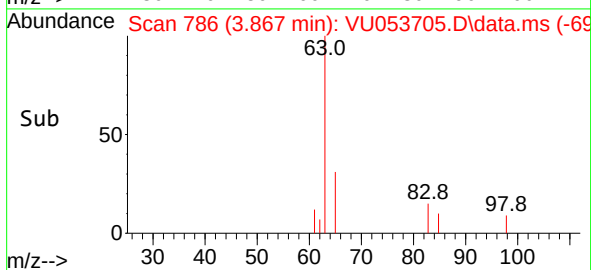
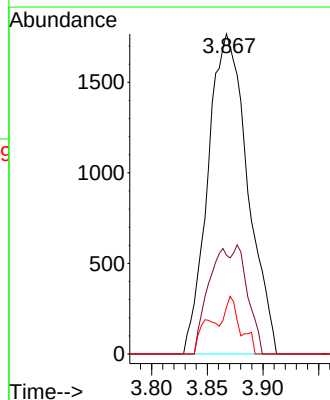
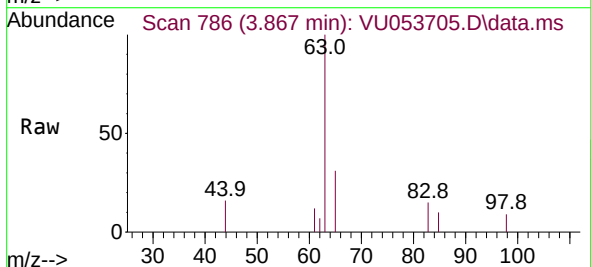
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

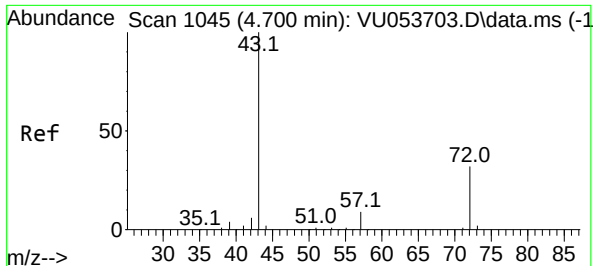
Tgt Ion: 96 Resp: 2229
Ion Ratio Lower Upper
96 100
61 139.2 95.5 177.3
98 68.8 42.2 78.4



#19
1,1-Dichloroethane
Concen: 0.278 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion: 63 Resp: 4383
Ion Ratio Lower Upper
63 100
65 30.8 21.7 40.3
83 14.6 8.1 15.1





#21

2-Butanone

Concen: 2.030 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.019 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

Instrument :

MSVOA_U

ClientSampleId :

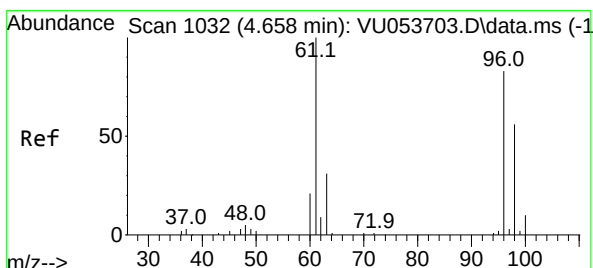
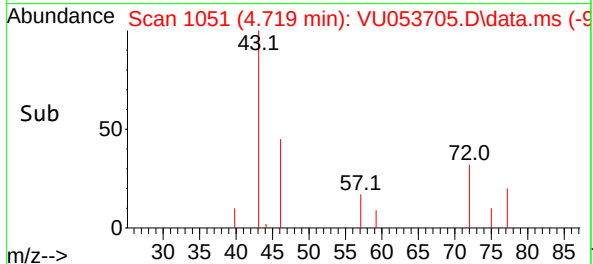
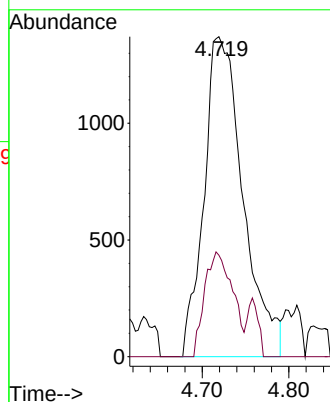
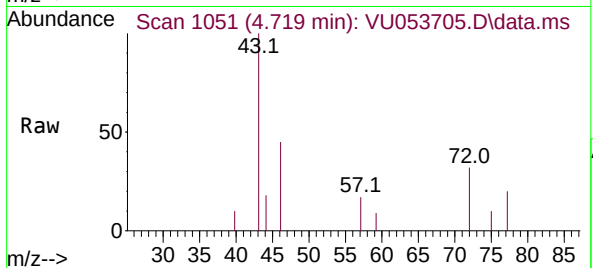
MDL-WATER-QT2-2023-03

Tgt Ion: 43 Resp: 4294

Ion Ratio Lower Upper

43 100

72 23.5 16.2 48.6



#22

cis-1,2-Dichloroethene

Concen: 0.200 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

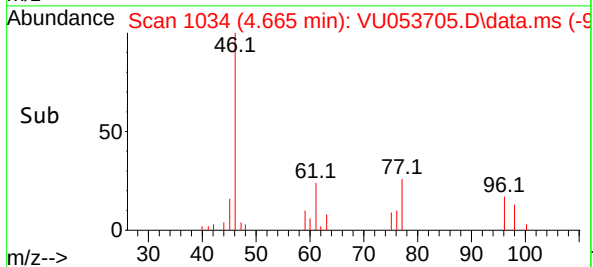
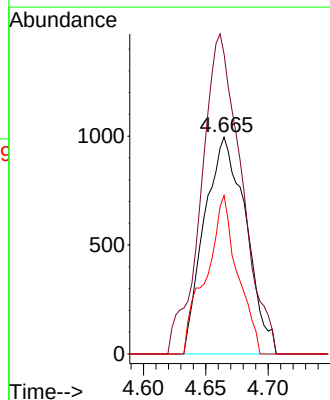
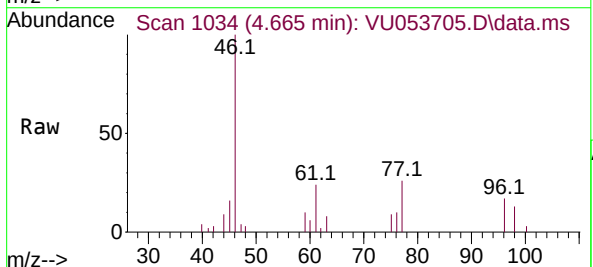
Tgt Ion: 96 Resp: 2311

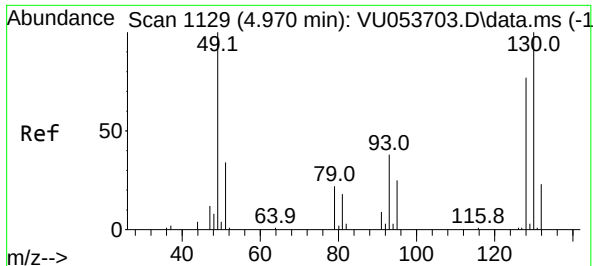
Ion Ratio Lower Upper

96 100

61 138.5 86.6 160.8

98 73.1 47.7 88.5

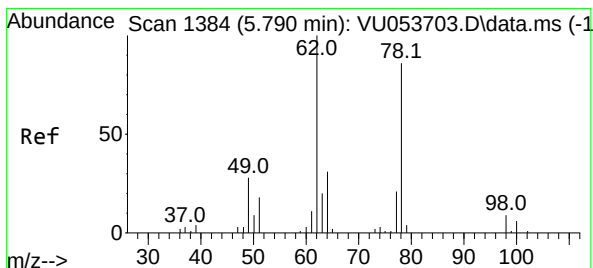
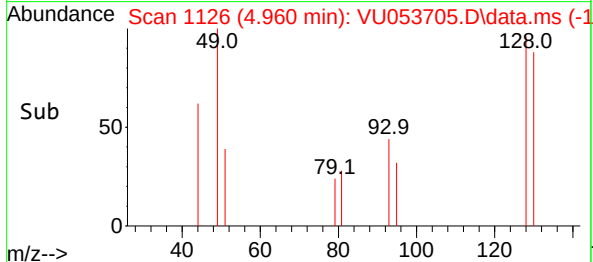
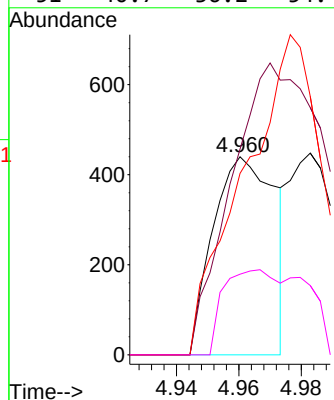
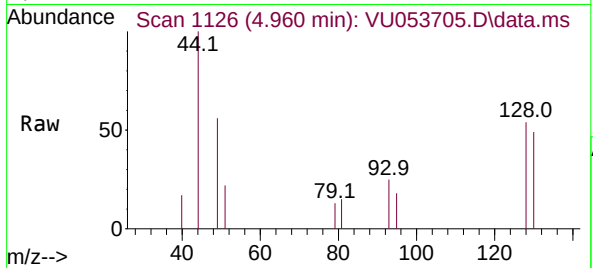




#23
Bromochloromethane
Concen: 0.148 ug/L
RT: 4.960 min Scan# 1126
Delta R.T. -0.010 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

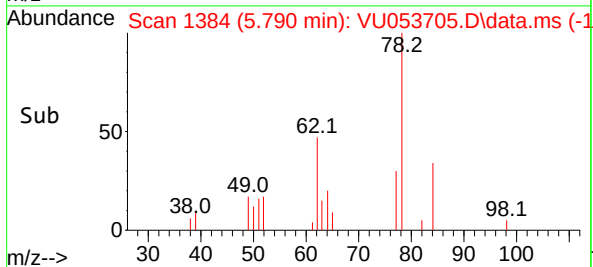
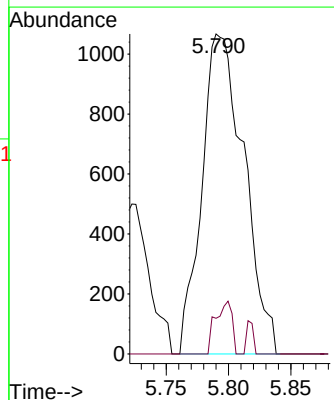
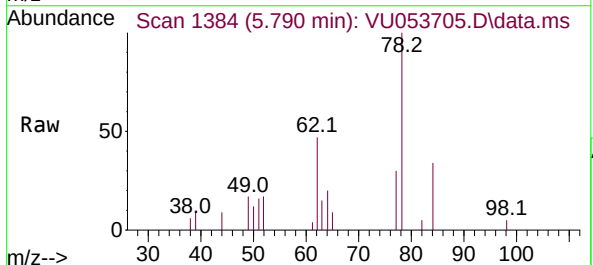
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

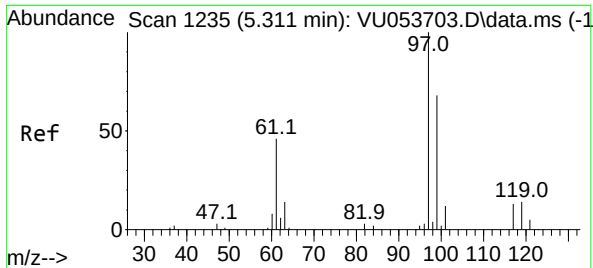
Tgt Ion:	128	Resp:	606
Ion	Ratio	Lower	Upper
128	100		
49	103.9	102.8	190.8
130	91.6	85.1	158.1
51	40.7	36.2	54.4



#27
1,2-Dichloroethane
Concen: 0.247 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion:	62	Resp:	2510
Ion	Ratio	Lower	Upper
62	100		
98	11.2	6.4	9.6#





#29

1,1,1-Trichloroethane

Concen: 0.478 ug/L

RT: 5.311 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

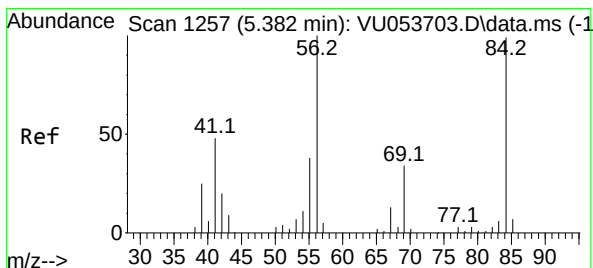
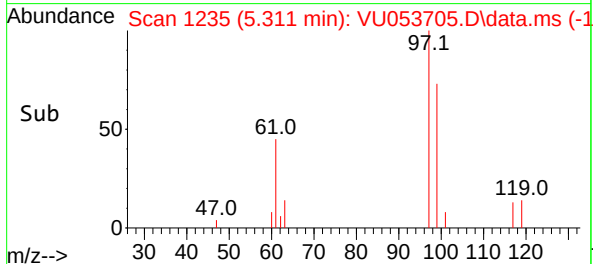
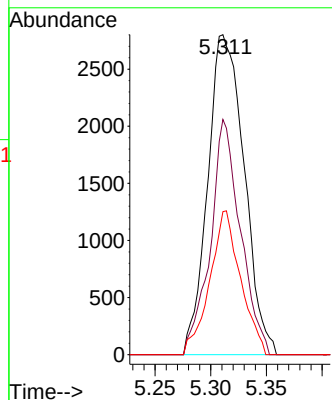
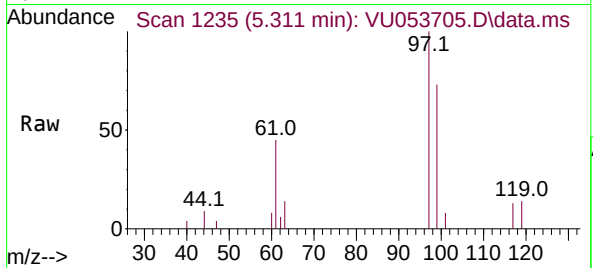
Tgt Ion: 97 Resp: 6378

Ion Ratio Lower Upper

97 100

99 60.5 49.9 74.9

61 38.0 35.7 53.5



#30

Cyclohexane

Concen: 0.235 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

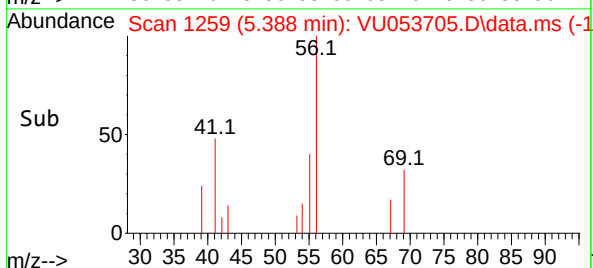
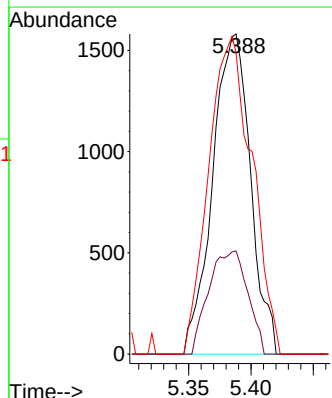
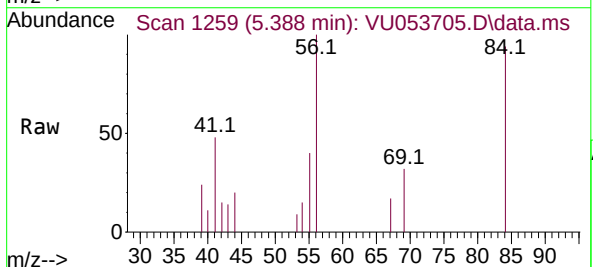
Tgt Ion: 56 Resp: 3338

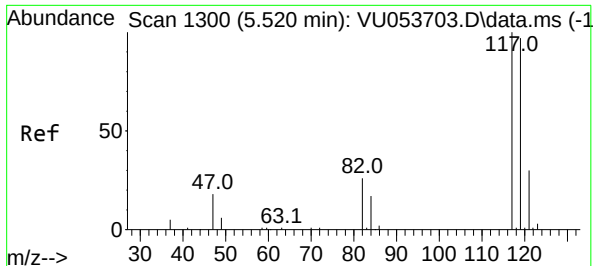
Ion Ratio Lower Upper

56 100

69 33.1 26.1 39.1

84 113.3 75.6 113.4

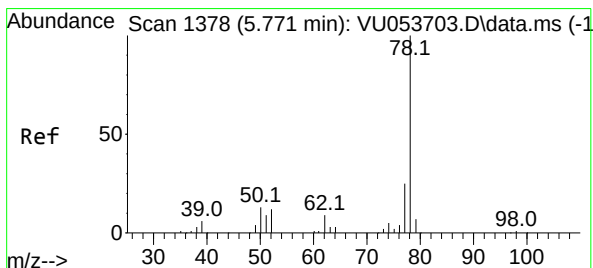
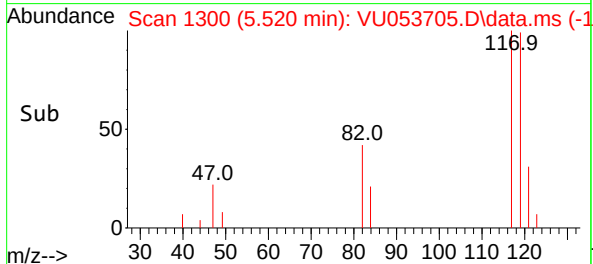
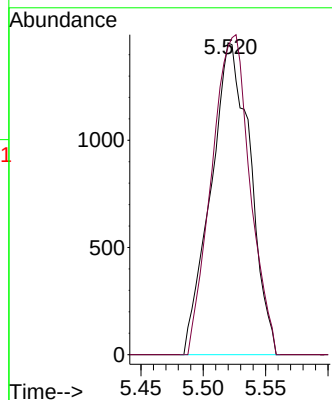
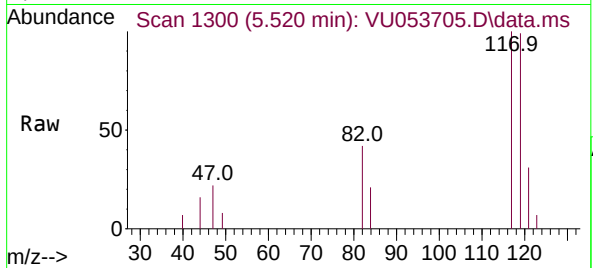




#31
Carbon tetrachloride
Concen: 0.284 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

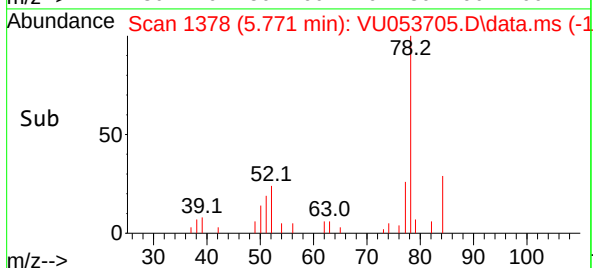
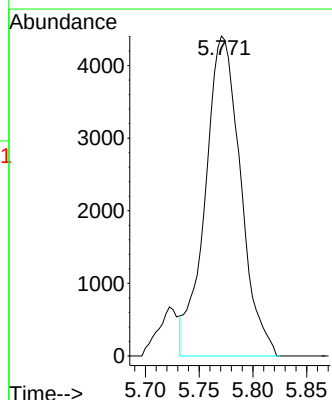
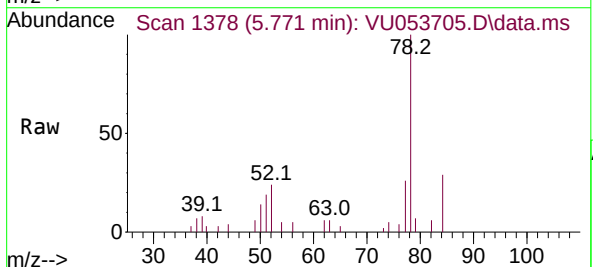
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

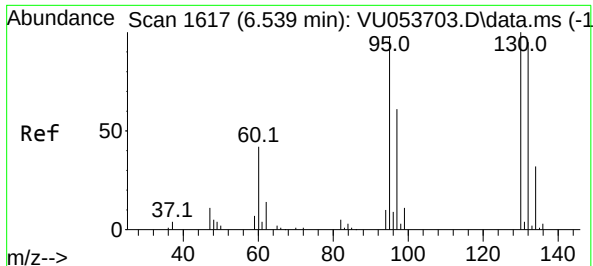
Tgt Ion:117 Resp: 3202
Ion Ratio Lower Upper
117 100
119 99.8 77.7 116.5



#33
Benzene
Concen: 0.278 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion: 78 Resp: 10075



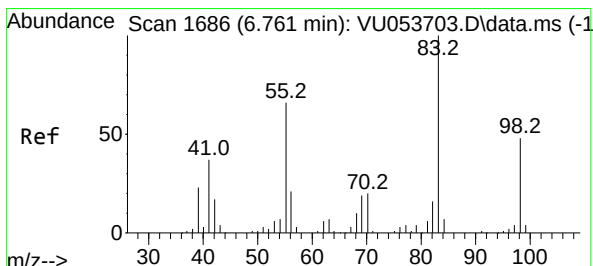
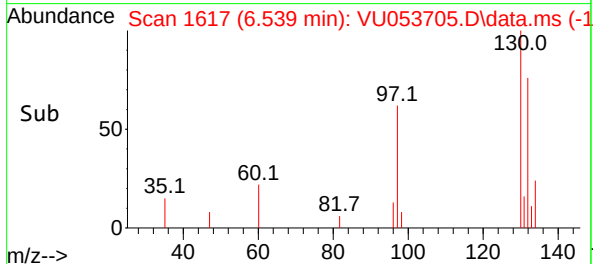
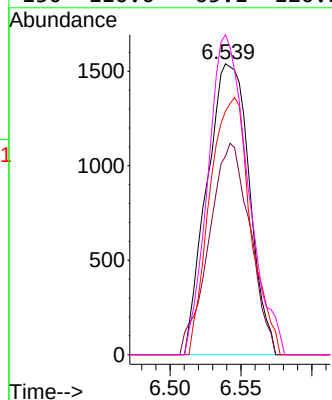
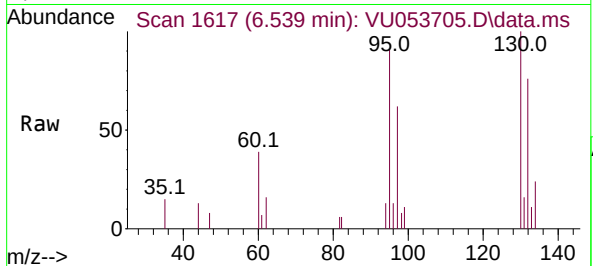


#34
Trichloroethene
Concen: 0.332 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

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

Tgt Ion: 95 Resp: 3200

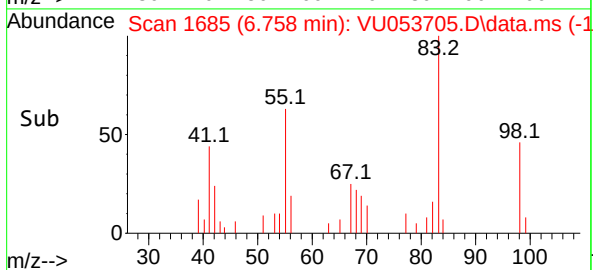
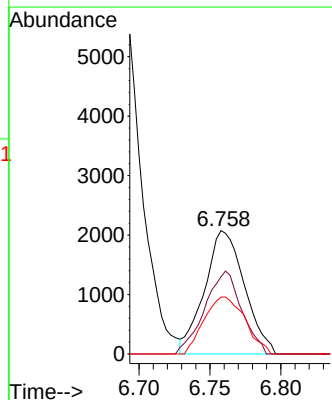
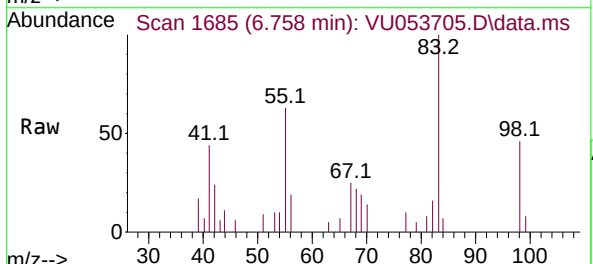
Ion	Ratio	Lower	Upper
95	100		
97	68.2	45.3	84.1
132	83.7	62.8	116.6
130	110.0	65.1	120.9

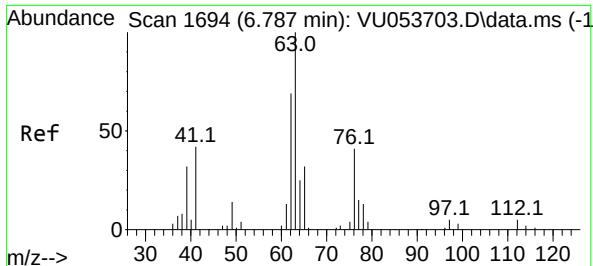


#35
Methylcyclohexane
Concen: 0.246 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion: 83 Resp: 4062

Ion	Ratio	Lower	Upper
83	100		
55	62.2	54.9	82.3
98	47.3	34.9	52.3

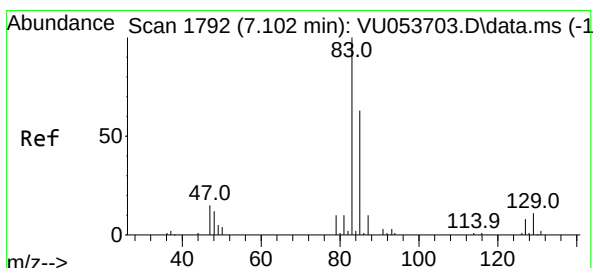
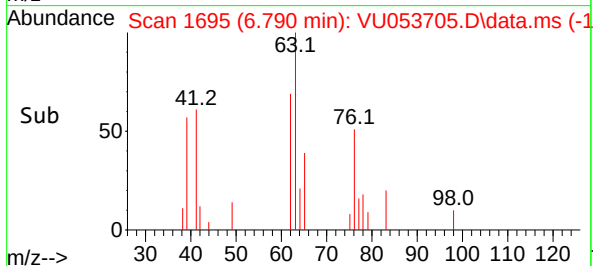
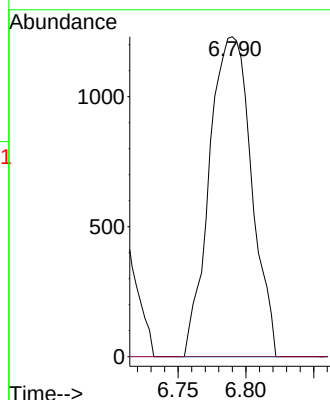
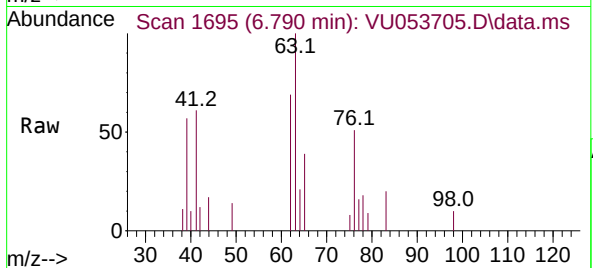




#37
1,2-Dichloropropane
Concen: 0.279 ug/L
RT: 6.790 min Scan# 1694
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

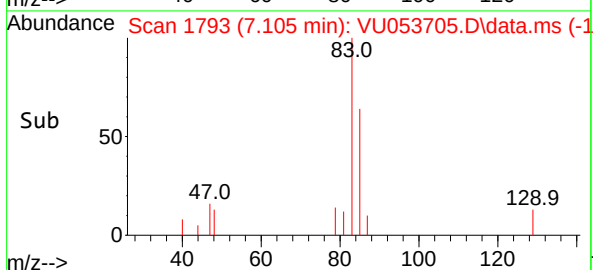
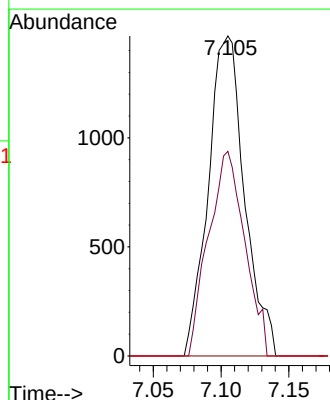
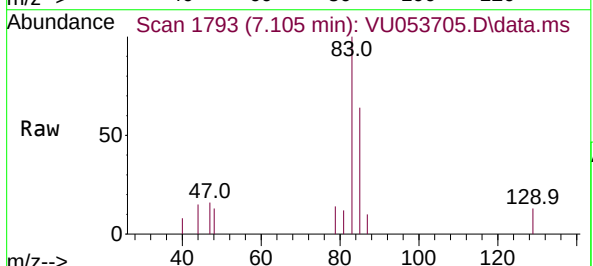
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

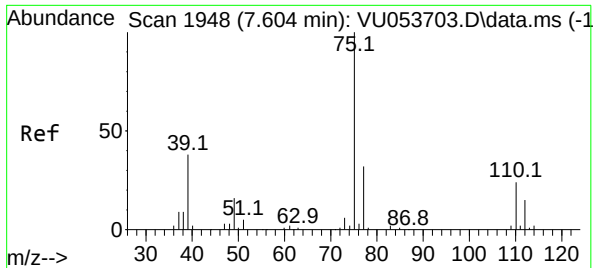
Tgt Ion: 63 Resp: 2662
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#38
Bromodichloromethane
Concen: 0.258 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion: 83 Resp: 2733
Ion Ratio Lower Upper
83 100
85 63.9 44.0 81.8
127 0.0 5.8 8.6#





#39

cis-1,3-Dichloropropene

Concen: 0.248 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

Instrument :

MSVOA_U

ClientSampleId :

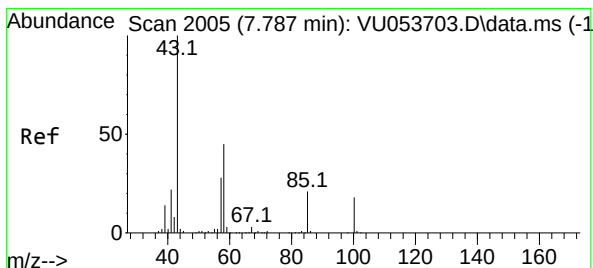
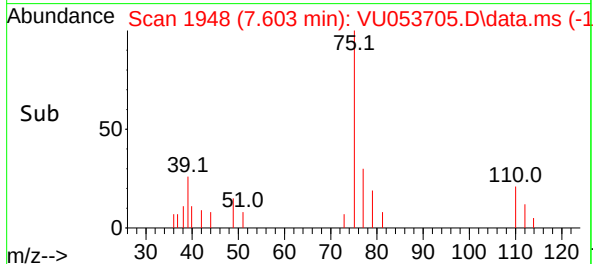
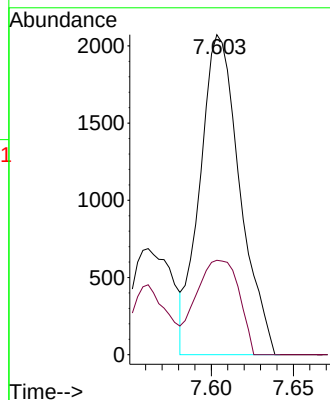
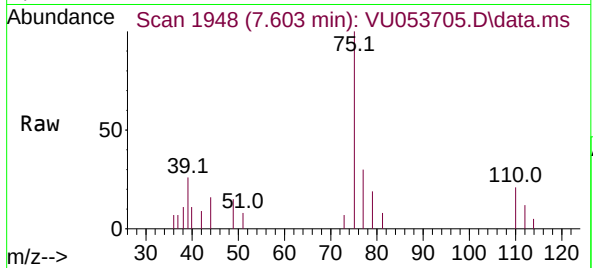
MDL-WATER-QT2-2023-03

Tgt Ion: 75 Resp: 3502

Ion Ratio Lower Upper

75 100

77 29.5 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 2.175 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

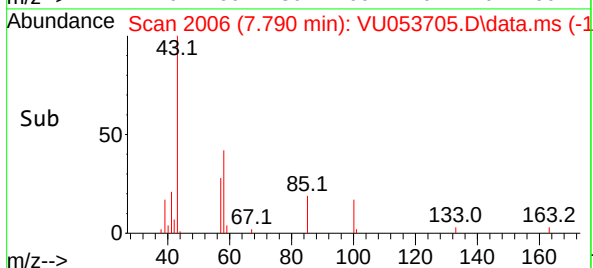
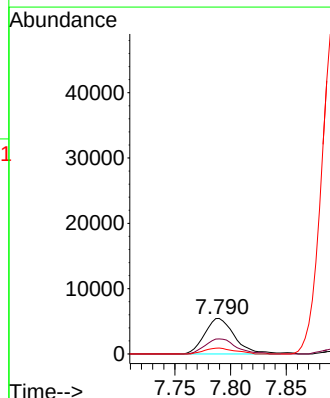
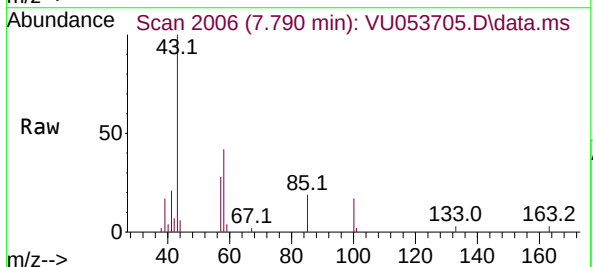
Tgt Ion: 43 Resp: 10169

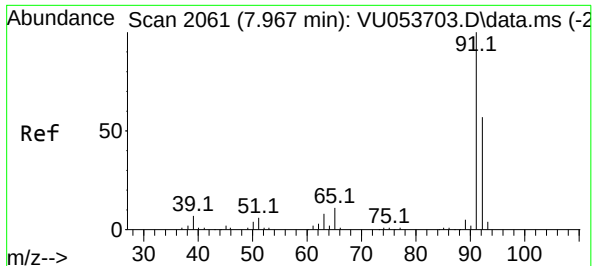
Ion Ratio Lower Upper

43 100

58 43.1 37.4 56.0

100 0.0 14.0 21.0#





#42

Toluene

Concen: 0.250 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

Instrument :

MSVOA_U

ClientSampleId :

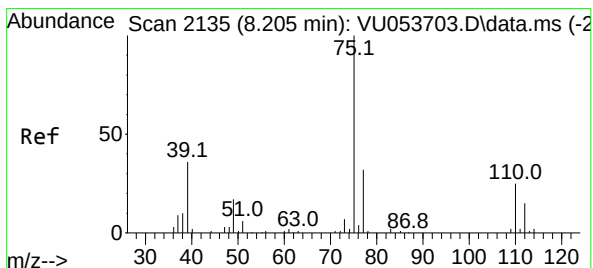
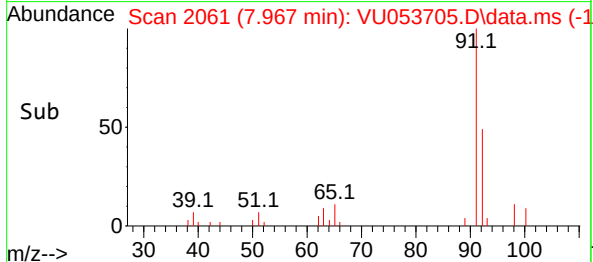
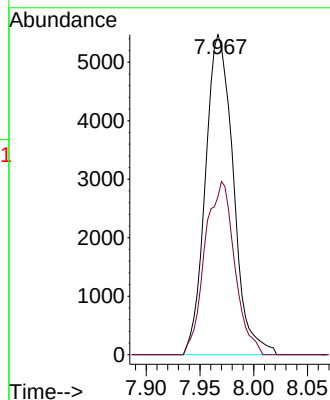
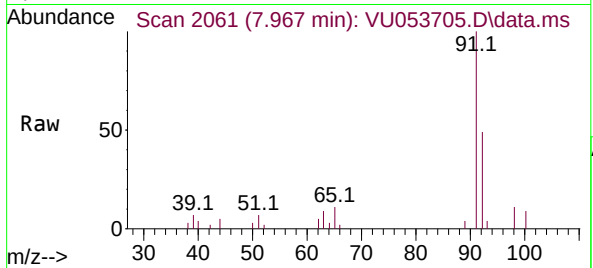
MDL-WATER-QT2-2023-03

Tgt Ion: 91 Resp: 9877

Ion Ratio Lower Upper

91 100

92 49.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.274 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VU053705.D

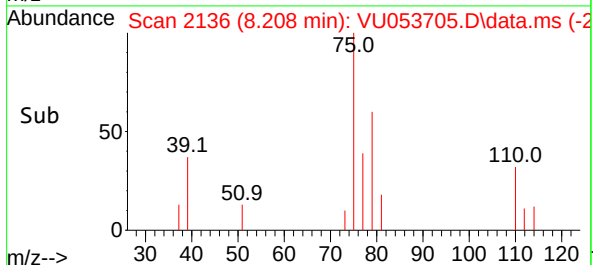
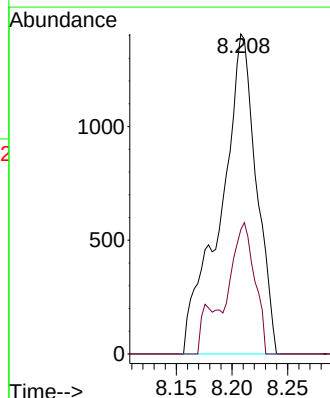
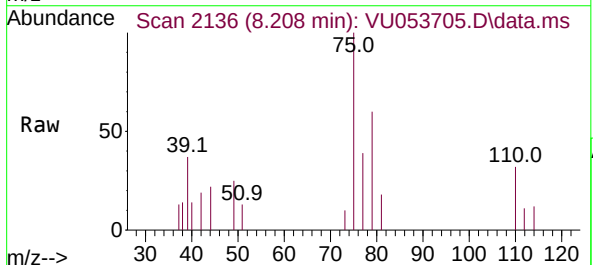
Acq: 14 Apr 2023 10:53

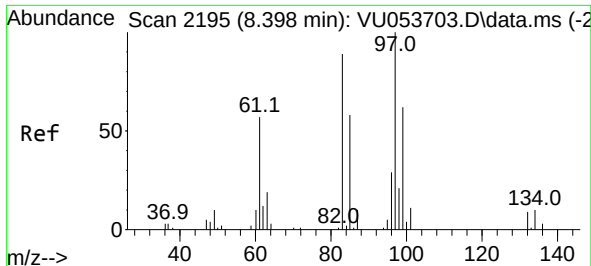
Tgt Ion: 75 Resp: 3146

Ion Ratio Lower Upper

75 100

77 38.9 22.0 40.8



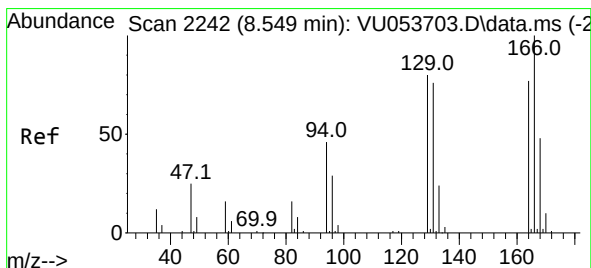
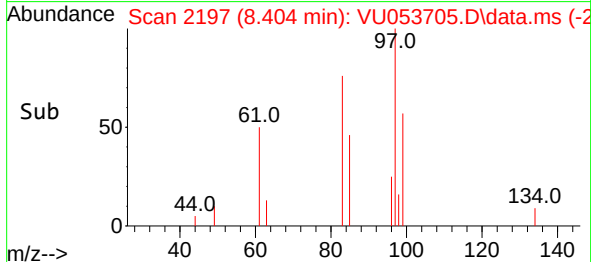
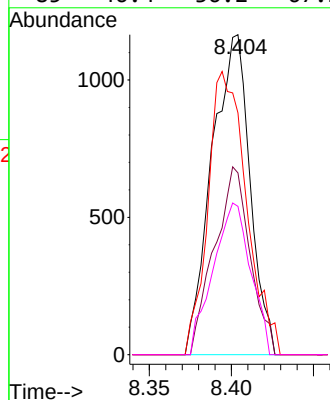
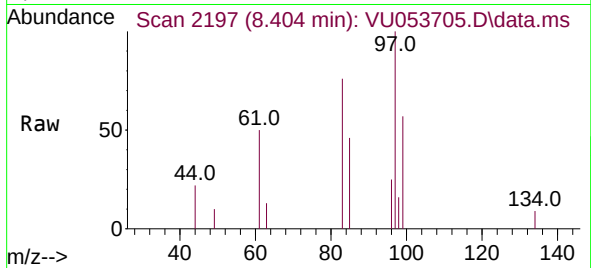


#45
1,1,2-Trichloroethane
Concen: 0.277 ug/L
RT: 8.404 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

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

Tgt Ion: 97 Resp: 1879

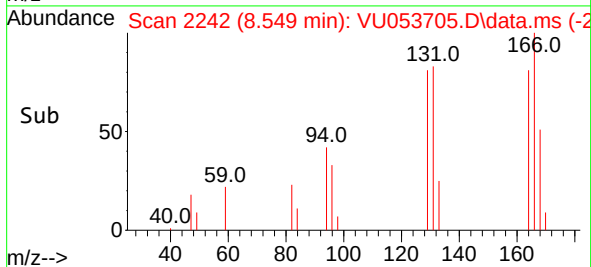
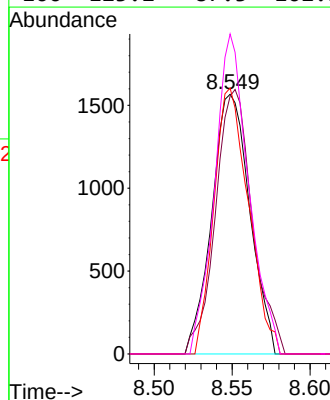
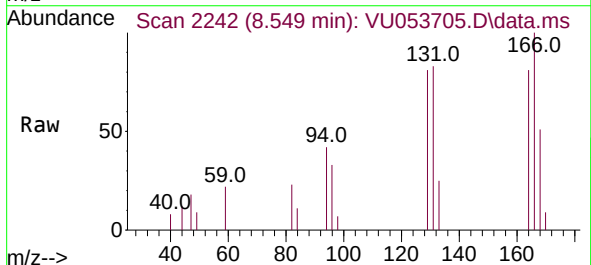
Ion	Ratio	Lower	Upper
97	100		
99	56.8	38.9	72.2
83	75.5	57.6	107.0
85	46.4	36.2	67.2

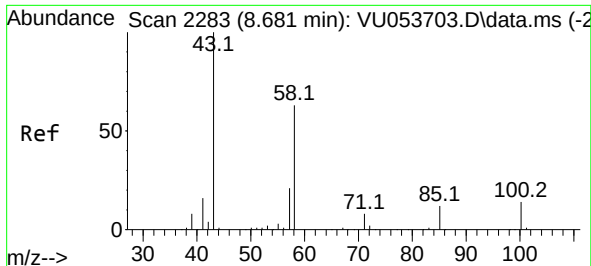


#47
Tetrachloroethene
Concen: 0.375 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion: 164 Resp: 2658

Ion	Ratio	Lower	Upper
164	100		
129	99.2	74.8	138.8
131	102.4	70.1	130.1
166	123.2	87.3	162.1

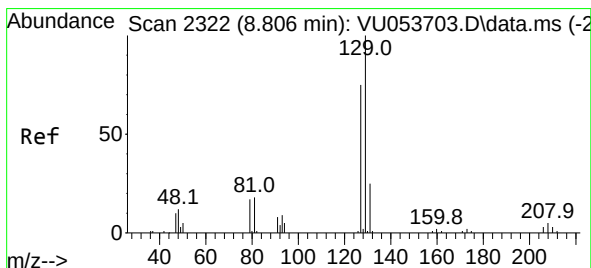
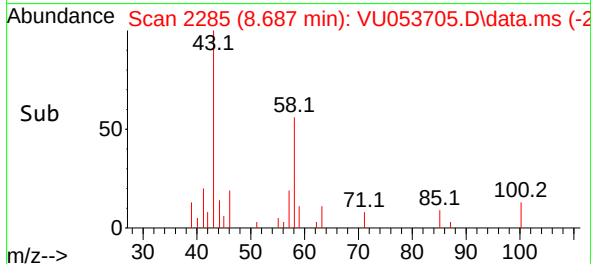
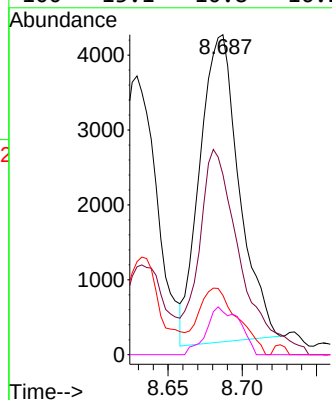
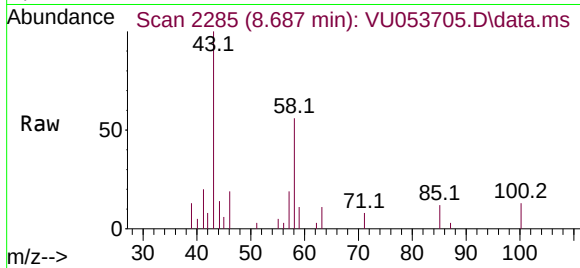




#48
2-Hexanone
Concen: 2.185 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

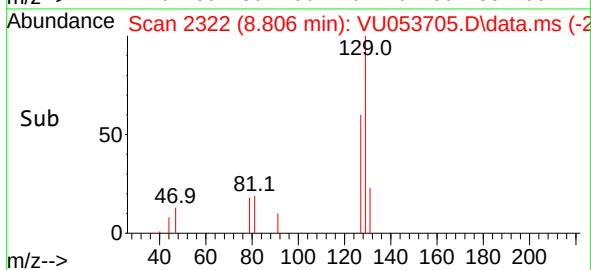
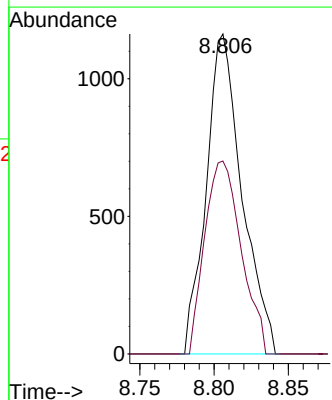
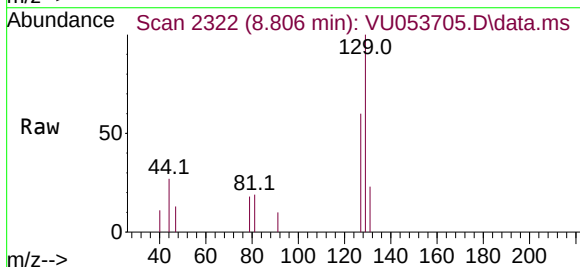
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

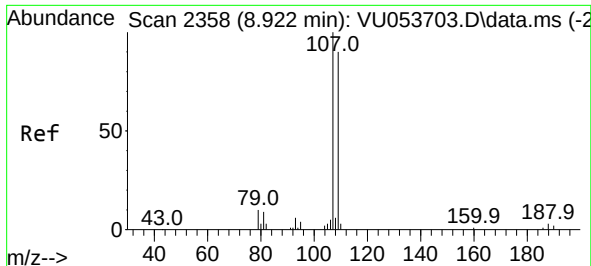
Tgt Ion: 43	Resp: 7555
Ion Ratio	Lower Upper
43 100	
58 69.8	52.8 79.2
57 21.9	17.1 25.7
100 13.1	10.8 16.2



#49
Dibromochloromethane
Concen: 0.291 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion:129	Resp:	1949	
Ion	Ratio	Lower	Upper
129	100		
127	60.3	52.2	97.0

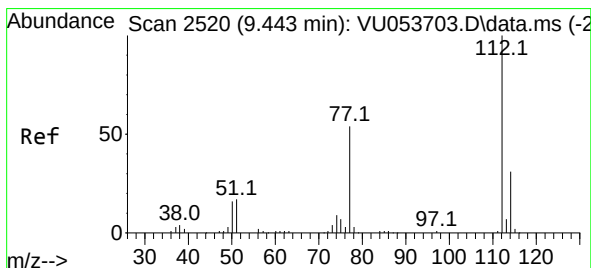
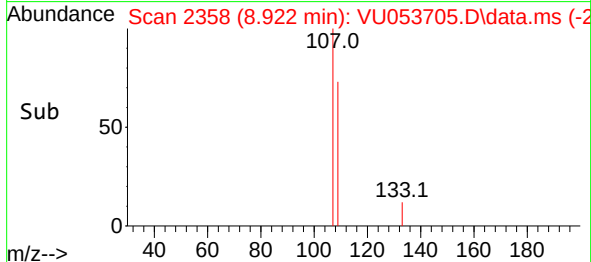
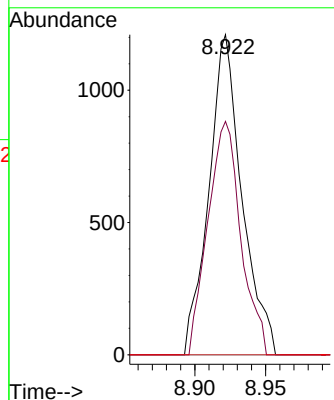
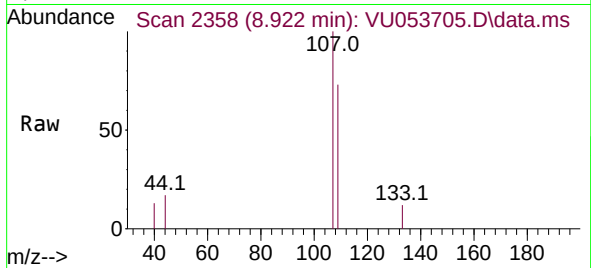




#50
1,2-Dibromoethane
Concen: 0.300 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

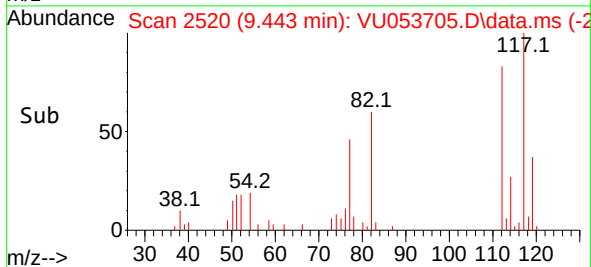
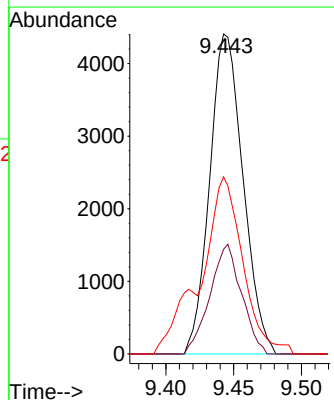
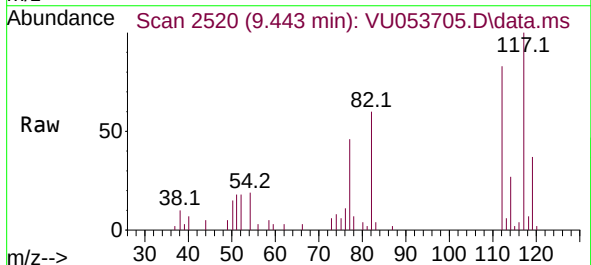
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

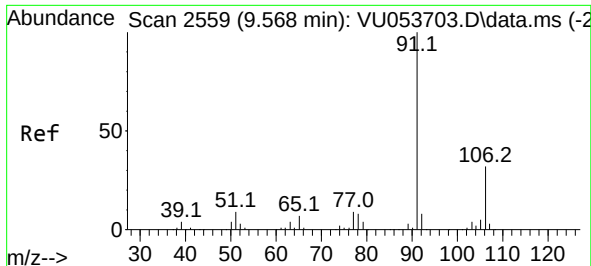
Tgt Ion:107 Resp: 1966
Ion Ratio Lower Upper
107 100
109 72.9 64.7 120.1
188 0.0 3.0 4.6#



#51
Chlorobenzene
Concen: 0.303 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion:112 Resp: 7544
Ion Ratio Lower Upper
112 100
114 32.7 22.1 41.1
77 55.4 45.8 68.6





#52

Ethylbenzene

Concen: 0.239 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

Instrument :

MSVOA_U

ClientSampleId :

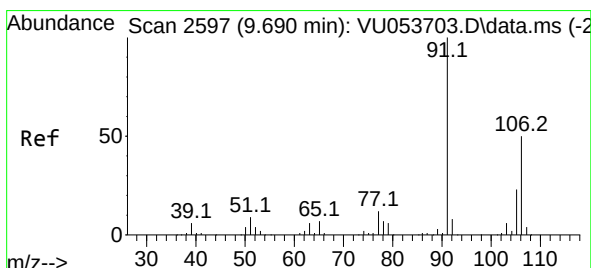
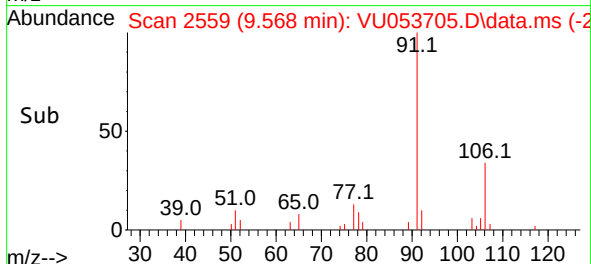
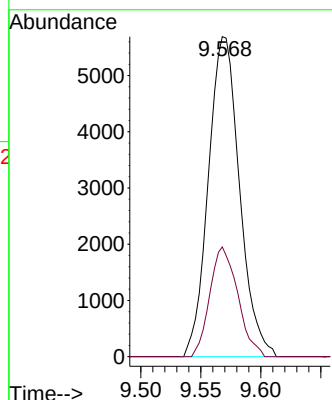
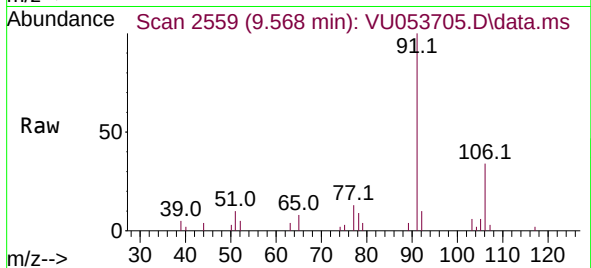
MDL-WATER-QT2-2023-03

Tgt Ion: 91 Resp: 10281

Ion Ratio Lower Upper

91 100

106 34.3 22.5 41.9



#53

m,p-Xylene

Concen: 0.236 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU053705.D

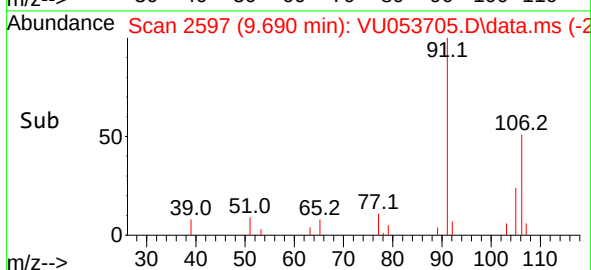
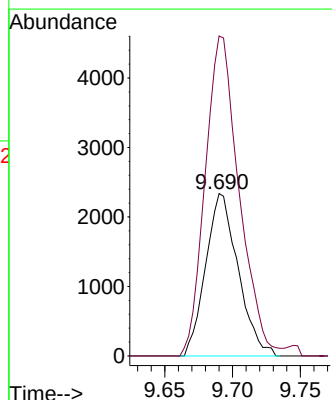
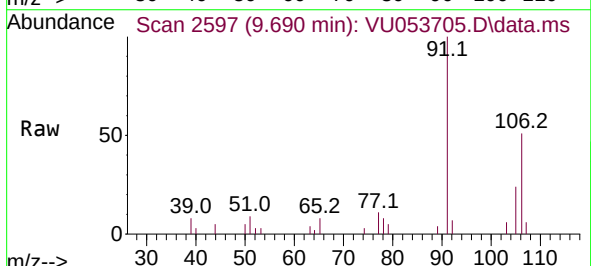
Acq: 14 Apr 2023 10:53

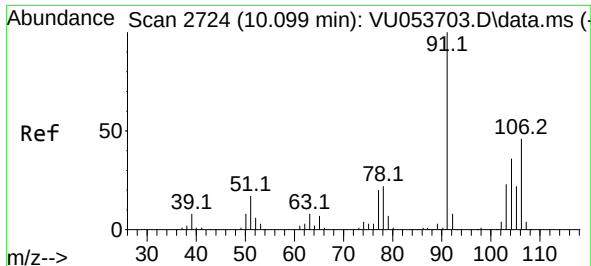
Tgt Ion: 106 Resp: 3884

Ion Ratio Lower Upper

106 100

91 197.0 138.8 257.8

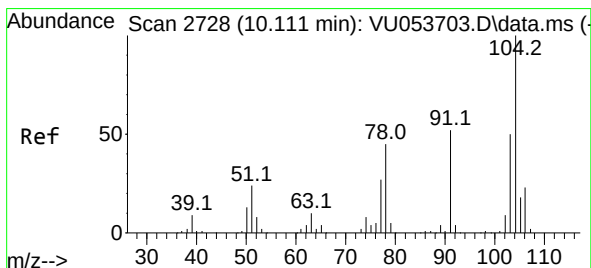
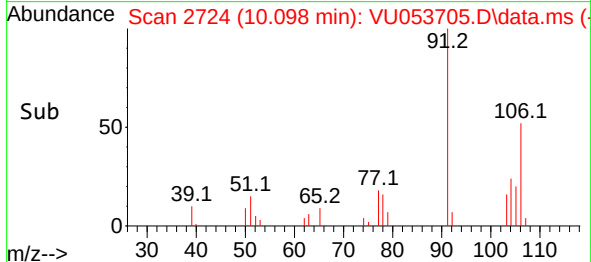
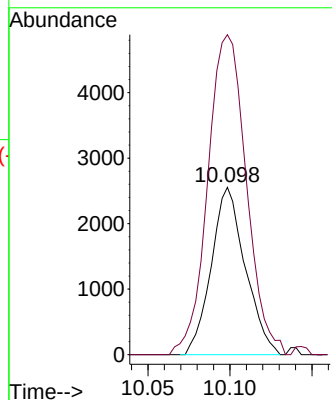
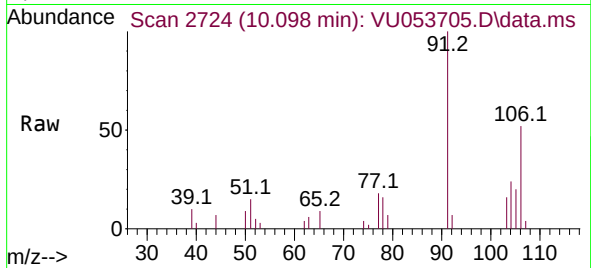




#54
o-Xylene
Concen: 0.236 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

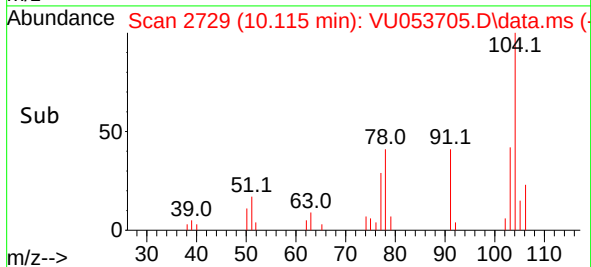
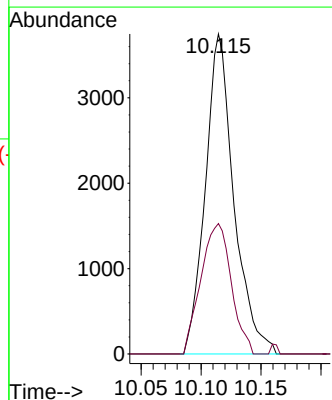
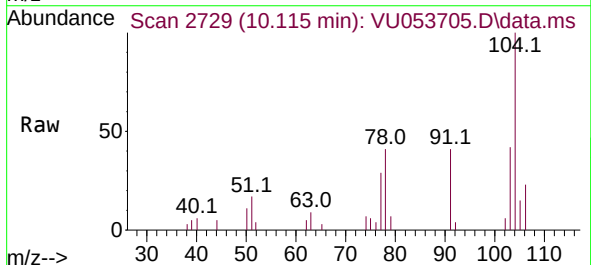
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

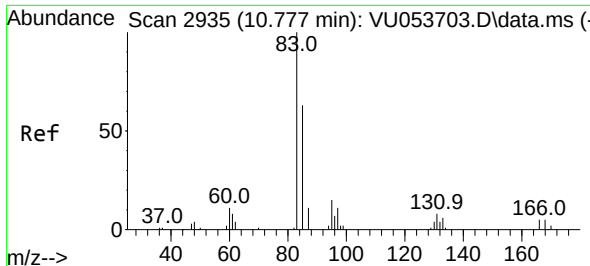
Tgt Ion:106 Resp: 3679
Ion Ratio Lower Upper
106 100
91 191.2 150.8 280.0



#55
Styrene
Concen: 0.242 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion:104 Resp: 6202
Ion Ratio Lower Upper
104 100
78 40.8 33.0 61.4

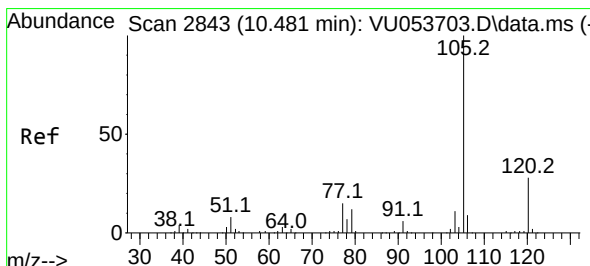
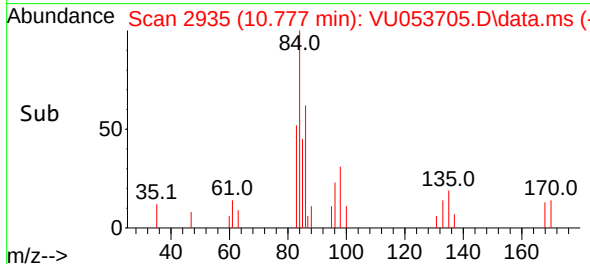
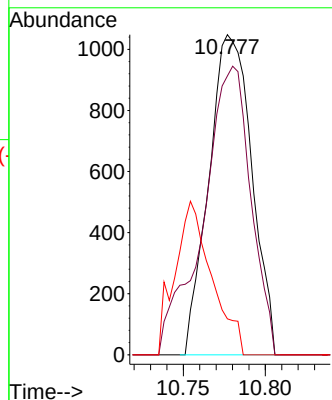
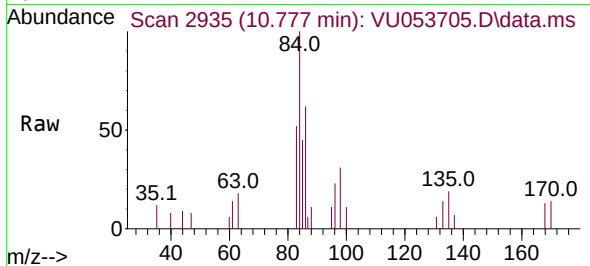




#57
1,1,2,2-Tetrachloroethane
Concen: 0.223 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

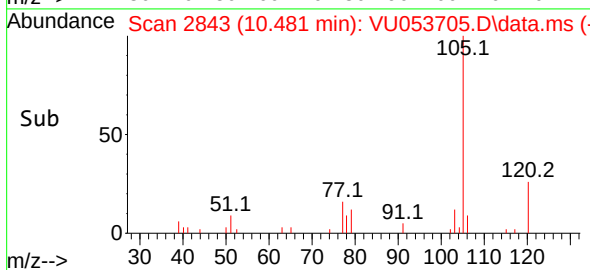
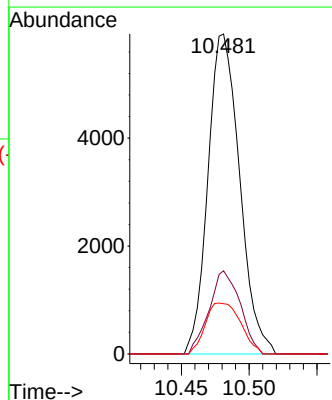
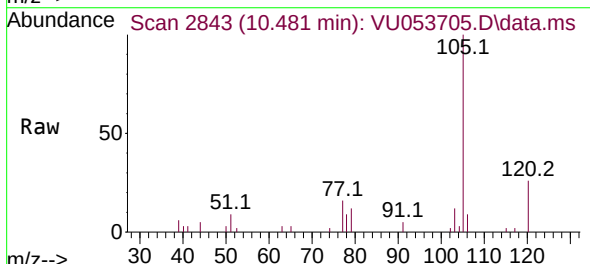
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-03

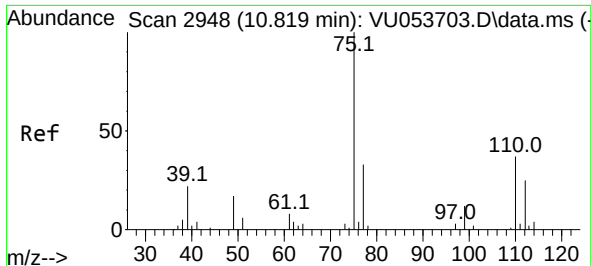
Tgt Ion: 83	Resp:	1906
Ion Ratio	Lower	Upper
83	100	
85	87.1	43.8 81.4#
131	11.3	7.2 10.8#



#60
Isopropylbenzene
Concen: 0.241 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion: 105	Resp:	9623
Ion Ratio	Lower	Upper
105	100	
120	25.4	21.5 32.3
77	17.7	13.0 19.4

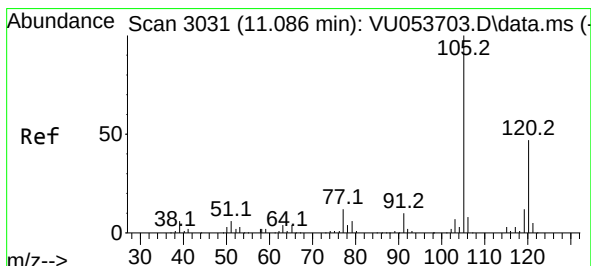
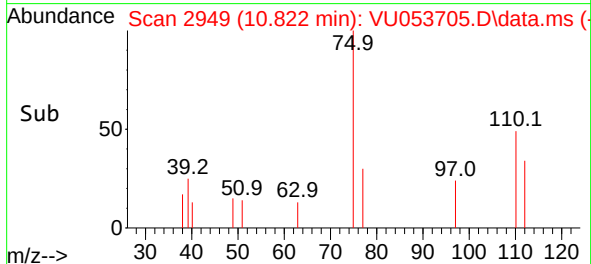
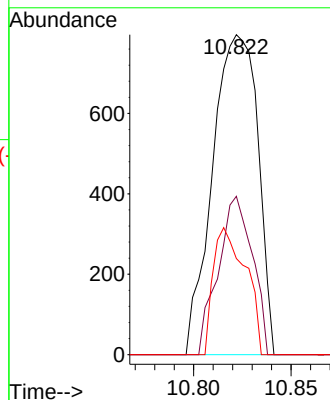
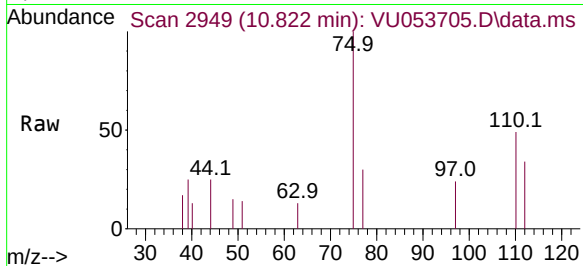




#61
1,2,3-Trichloropropane
Concen: 0.236 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

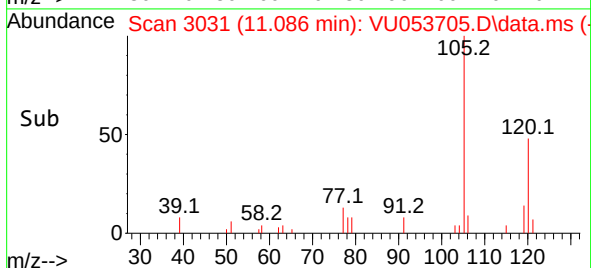
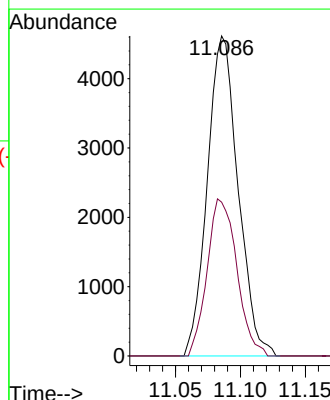
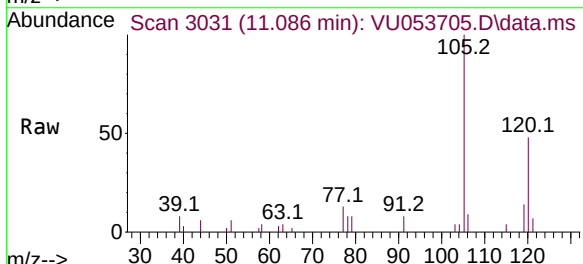
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

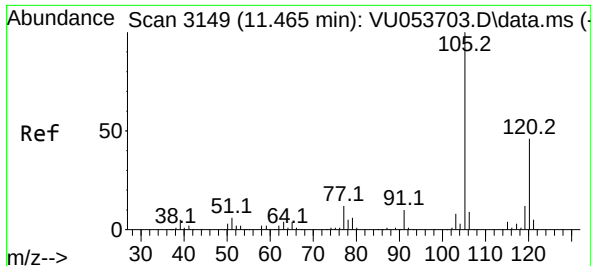
Tgt Ion: 75 Resp: 1289
Ion Ratio Lower Upper
75 100
110 37.3 30.6 46.0
77 28.3 26.1 39.1



#62
1,3,5-Trimethylbenzene
Concen: 0.234 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion: 105 Resp: 7598
Ion Ratio Lower Upper
105 100
120 47.4 37.8 56.8

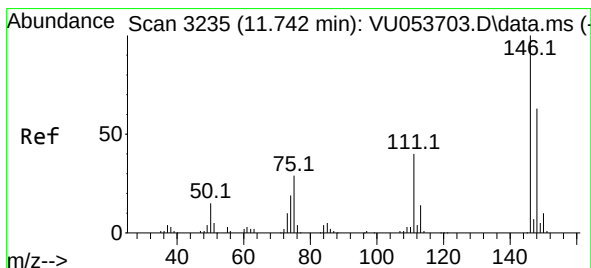
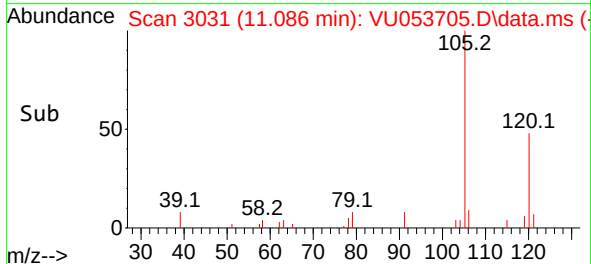
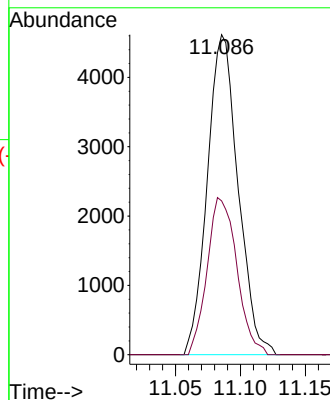
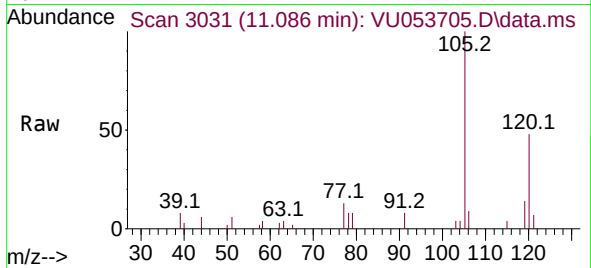




#63
1,2,4-Trimethylbenzene
Concen: 0.229 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.380 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

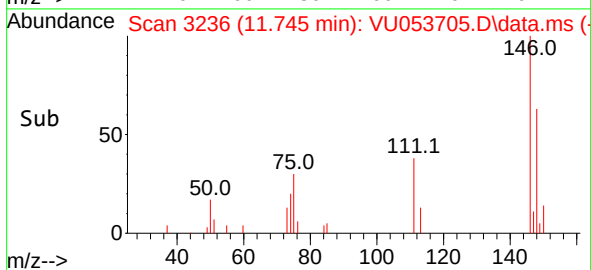
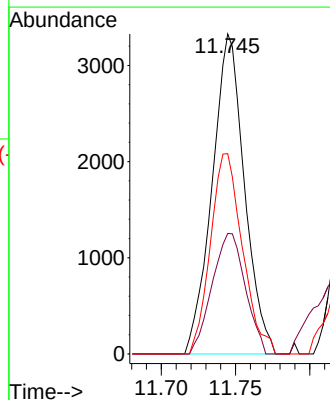
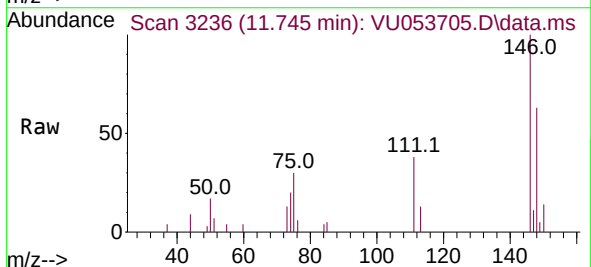
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

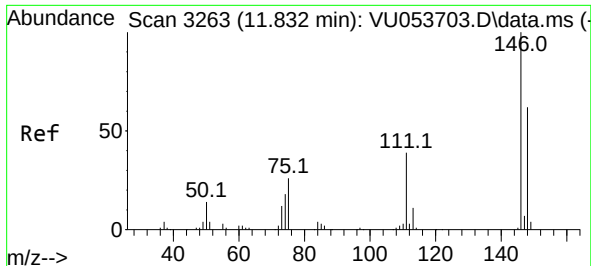
Tgt Ion:105 Resp: 7598
Ion Ratio Lower Upper
105 100
120 47.4 35.4 53.0



#64
1,3-Dichlorobenzene
Concen: 0.286 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion:146 Resp: 5030
Ion Ratio Lower Upper
146 100
111 37.7 29.4 54.6
148 62.6 44.3 82.3





#65

1,4-Dichlorobenzene

Concen: 0.346 ug/L

RT: 11.831 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

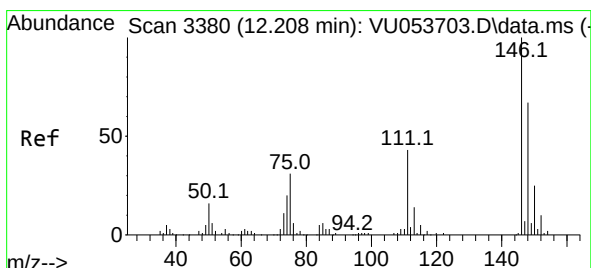
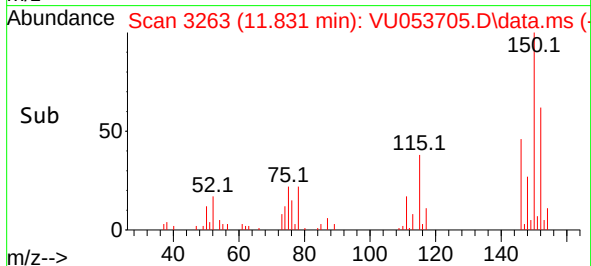
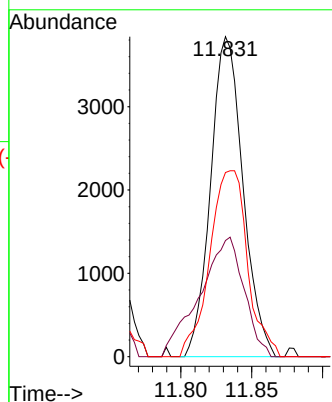
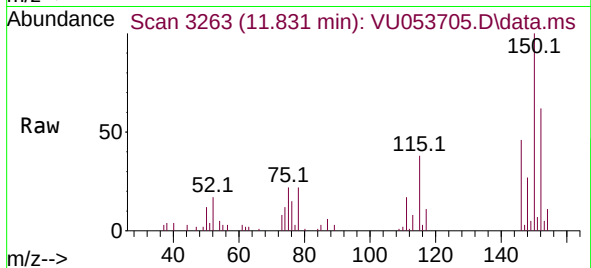
Tgt Ion:146 Resp: 6109

Ion Ratio Lower Upper

146 100

111 36.3 29.8 55.4

148 57.6 43.0 80.0



#67

1,2-Dichlorobenzene

Concen: 0.287 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

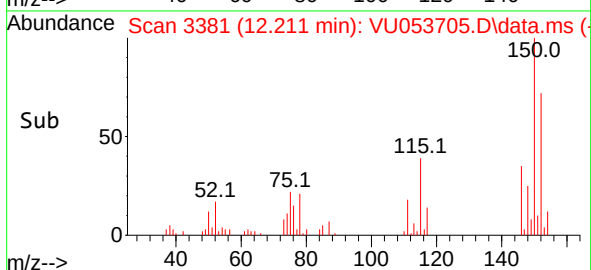
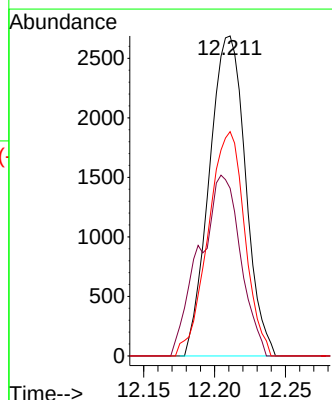
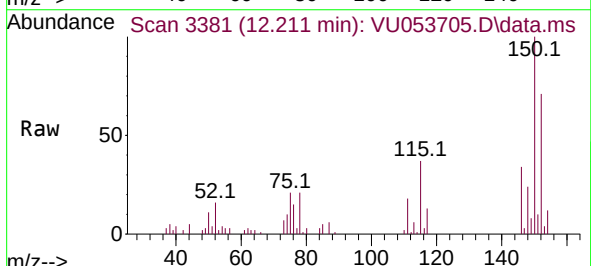
Tgt Ion:146 Resp: 4782

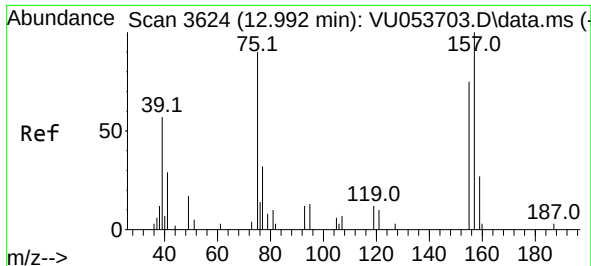
Ion Ratio Lower Upper

146 100

111 52.4 35.0 52.6

148 70.1 48.2 72.4





#68

1,2-Dibromo-3-chloropropane

Concen: 0.218 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. 0.009 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

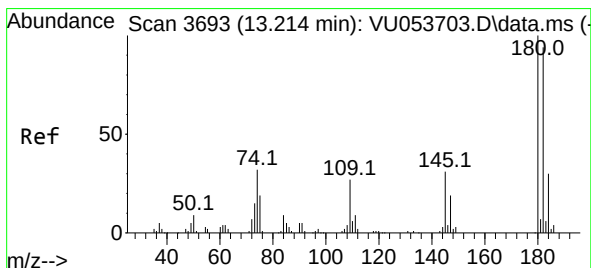
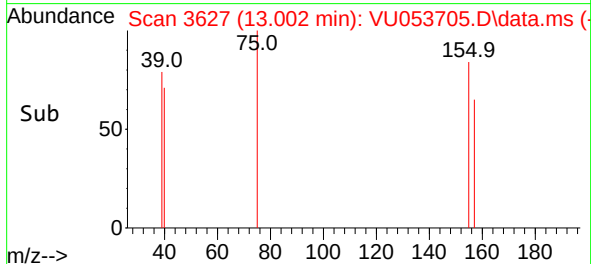
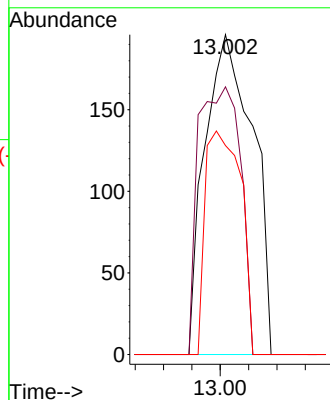
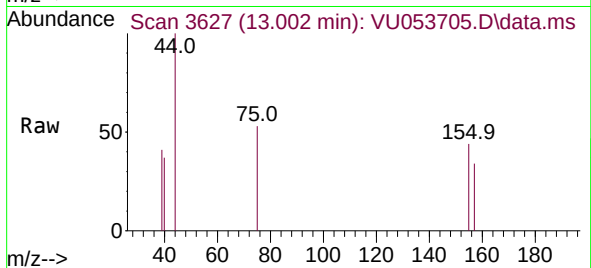
Tgt Ion: 75 Resp: 230

Ion Ratio Lower Upper

75 100

155 83.7 63.9 95.9

157 65.3 74.1 111.1#



#69

1,3,5-Trichlorobenzene

Concen: 0.249 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. 0.006 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

Tgt Ion: 180 Resp: 3049

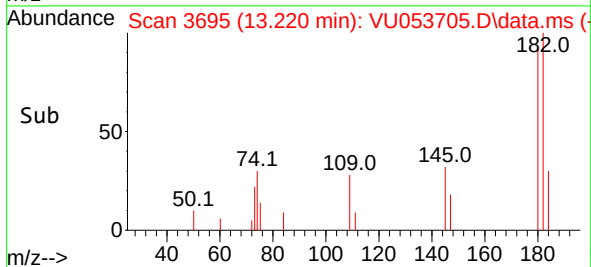
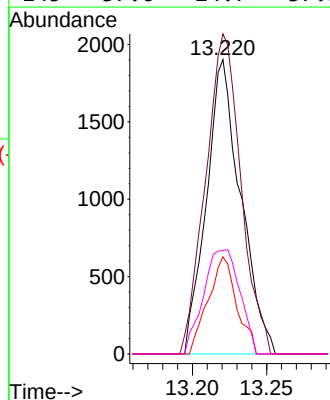
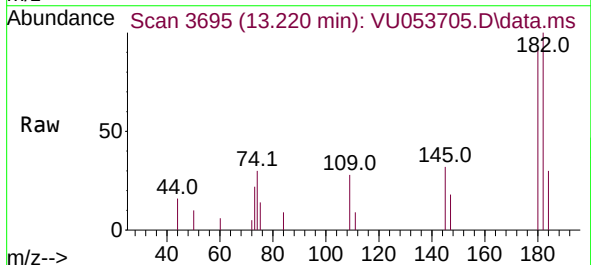
Ion Ratio Lower Upper

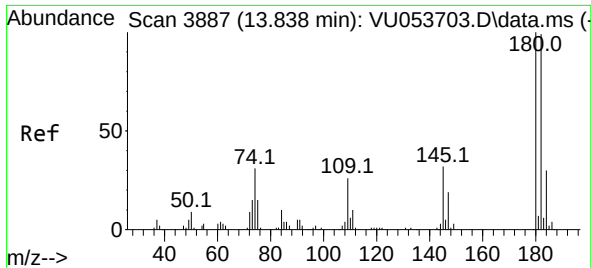
180 100

182 112.2 76.7 115.1

184 27.7 24.1 36.1

145 37.6 24.7 37.1#





#70

1,2,4-trichlorobenzene

Concen: 0.342 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU053705.D

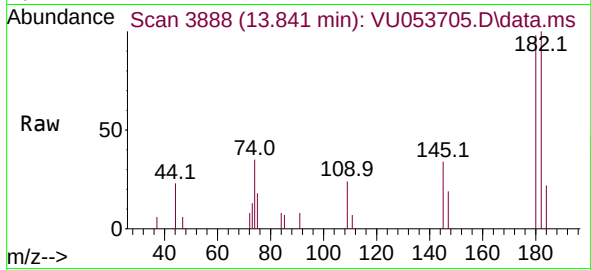
Acq: 14 Apr 2023 10:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03



Tgt Ion:180 Resp: 3335

Ion Ratio Lower Upper

180 100

182 109.5 75.4 113.2

145 29.9 25.8 38.8

