

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040623\
 Data File : VU053588.D
 Acq On : 06 Apr 2023 12:27
 Operator : JC/MD
 Sample : 02215-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 07 03:45:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	252049	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	236457	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	121062	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99123	50.506	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.020%	
7) Chloroethane-d5	1.909	69	81191	53.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 107.300%	
11) 1,1-Dichloroethene-d2	2.562	63	115359	37.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 75.940%	
21) 2-Butanone-d5	4.613	46	106889	120.291	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 120.290%	
24) Chloroform-d	5.057	84	155868	48.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 96.040%	
26) 1,2-Dichloroethane-d4	5.697	65	101467	52.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.800%	
32) Benzene-d6	5.723	84	326779	51.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.400%	
36) 1,2-Dichloropropane-d6	6.684	67	102490	52.535	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.080%	
41) Toluene-d8	7.893	98	307512	48.475	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 96.940%	
43) trans-1,3-Dichloroprop...	8.176	79	49603	49.257	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 98.520%	
47) 2-Hexanone-d5	8.626	63	79829	119.898	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 119.900%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	144653	52.608	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 105.220%	
66) 1,2-Dichlorobenzene-d4	12.188	152	120965	47.869	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 95.740%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3730	1.823	ug/L	100
3) Chloromethane	1.520	50	3764	2.239	ug/L #	82
5) Vinyl chloride	1.604	62	4681	2.403	ug/L #	48
6) Bromomethane	1.851	94	2891	2.039	ug/L	92
8) Chloroethane	1.928	64	2836	2.420	ug/L #	82
9) Trichlorofluoromethane	2.137	101	6004	2.004	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	4518	2.603	ug/L #	74
12) 1,1-Dichloroethene	2.575	96	4105	2.654	ug/L #	1
13) Acetone	2.620	43	3272	4.097	ug/L	98
14) Carbon disulfide	2.790	76	8386	2.050	ug/L #	91
15) Methyl Acetate	2.948	43	2852	2.332	ug/L	93
17) trans-1,2-Dichloroethene	3.353	96	3041	1.956	ug/L	89
18) Methyl tert-butyl Ether	3.359	73	8812	1.945	ug/L #	94
19) 1,1-Dichloroethane	3.858	63	5005	1.944	ug/L	97
20) cis-1,2-Dichloroethene	4.661	96	3428	1.909	ug/L	96
22) 2-Butanone	4.706	43	1950	2.016	ug/L #	47
23) Bromochloromethane	4.973	128	1056	1.056	ug/L #	65
25) Chloroform	5.083	83	7597	2.573	ug/L	91
27) 1,2-Dichloroethane	5.793	62	4657	2.153	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.388	56	4375	1.922	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	4698	1.803	ug/L #	70
31) Carbon tetrachloride	5.520	117	3932	1.684	ug/L	98
33) Benzene	5.771	78	12660	2.055	ug/L	100
34) Trichloroethene	6.542	95	3735	2.004	ug/L	96
35) Methylcyclohexane	6.758	83	5561	2.030	ug/L	96
37) 1,2-Dichloropropane	6.790	63	3592	2.296	ug/L #	93
38) Bromodichloromethane	7.102	83	4055	1.943	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	4780	1.870	ug/L	93
40) 4-Methyl-2-pentanone	7.790	43	7538	4.434	ug/L	98
42) Toluene	7.967	91	13695	1.962	ug/L	95
44) trans-1,3-Dichloropropene	8.211	75	4729	1.957	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	3564	2.075	ug/L	94
46) Tetrachloroethene	8.549	164	2902	1.877	ug/L	92
48) 2-Hexanone	8.681	43	7426	5.400	ug/L #	88
49) Dibromochloromethane	8.806	129	2737	1.533	ug/L	95
50) 1,2-Dibromoethane	8.922	107	3436	1.788	ug/L #	95
51) Chlorobenzene	9.443	112	9634	2.003	ug/L	96
52) Ethylbenzene	9.568	91	14912	1.919	ug/L	97
53) m,p-Xylene	9.693	106	6078	2.000	ug/L	93
54) o-xylene	10.095	106	5192	1.728	ug/L	85
55) Styrene	10.115	104	8794	1.797	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	5703	2.262	ug/L	99
59) Bromoform	10.288	173	1831	1.478	ug/L #	94
60) 1,2,3-Trichloropropane	10.819	75	4435	2.527	ug/L	95
61) Isopropylbenzene	10.481	105	13109	1.831	ug/L	93
62) 1,3,5-Trimethylbenzene	11.086	105	10425	1.752	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	10628	1.803	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	7299	1.952	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	8838	2.319	ug/L	93
67) 1,2-Dichlorobenzene	12.208	146	7381	1.980	ug/L #	92
69) 1,3,5-Trichlorobenzene	13.217	180	4869	1.758	ug/L #	93
70) 1,2,4-trichlorobenzene	13.838	180	5133	1.999	ug/L #	87
71) Naphthalene	14.086	128	15352	1.997	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.327	180	4778	1.863	ug/L #	91

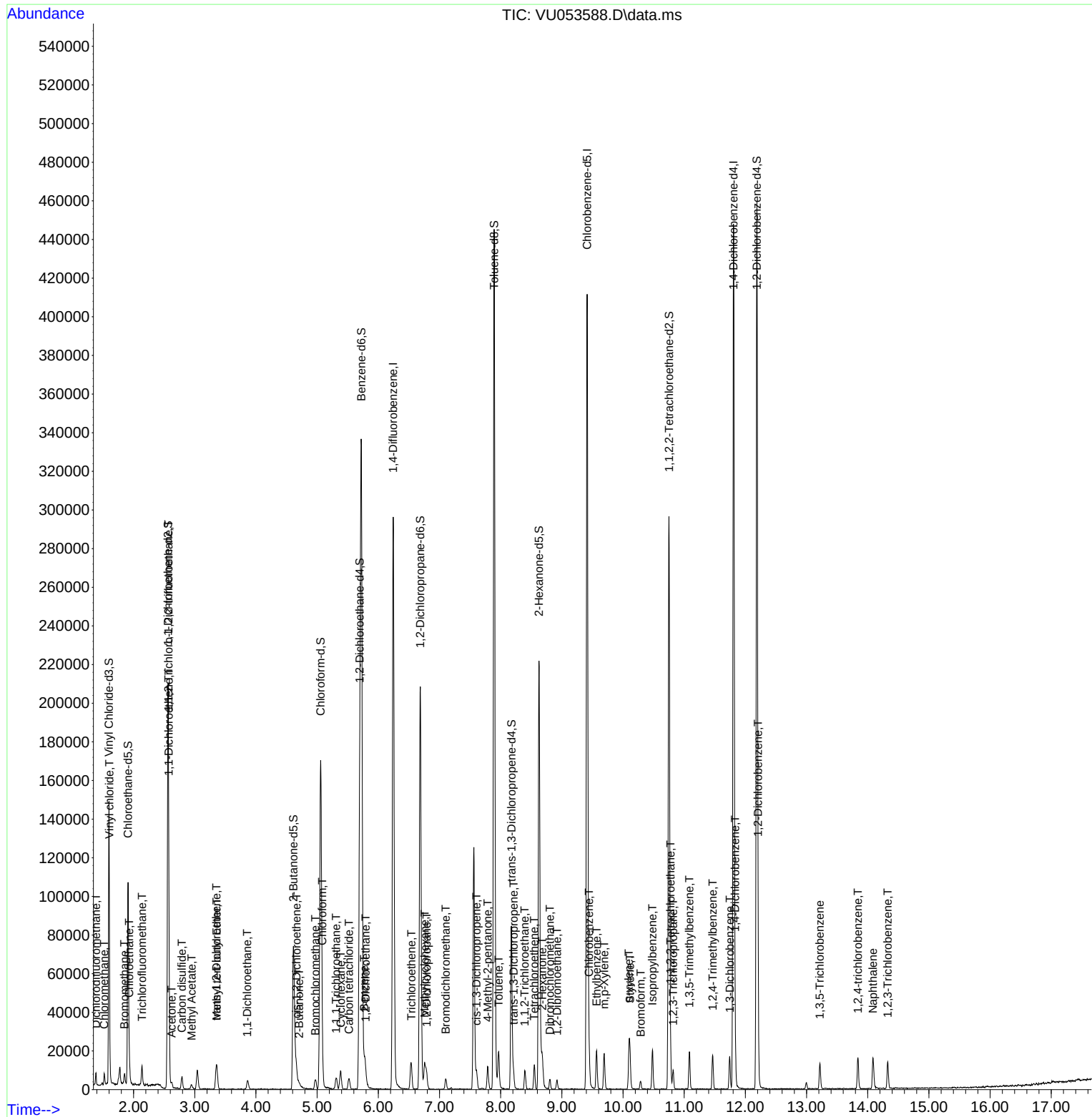
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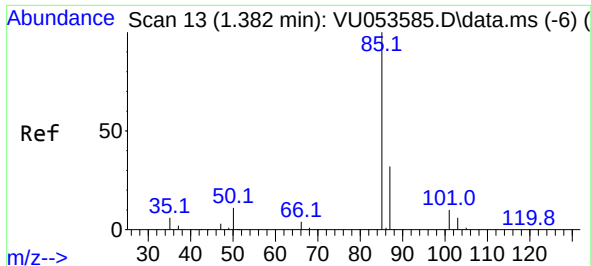
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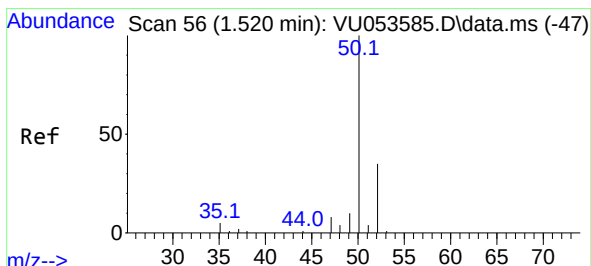
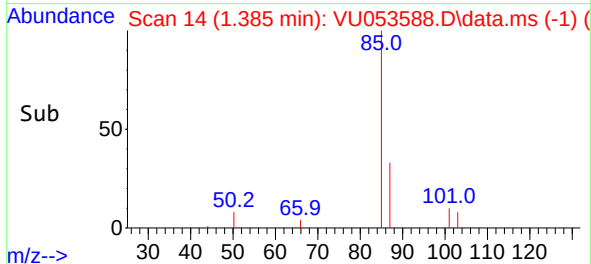
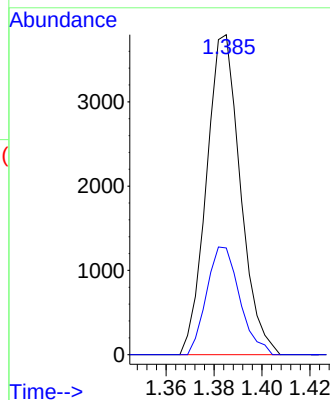
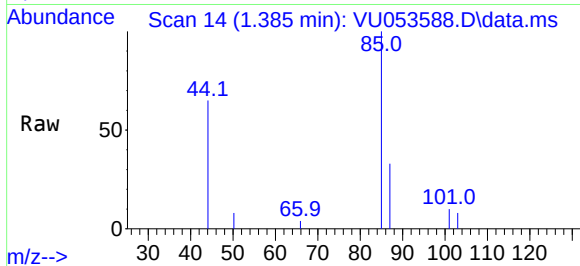




#2
Dichlorodifluoromethane
Concen: 1.823 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

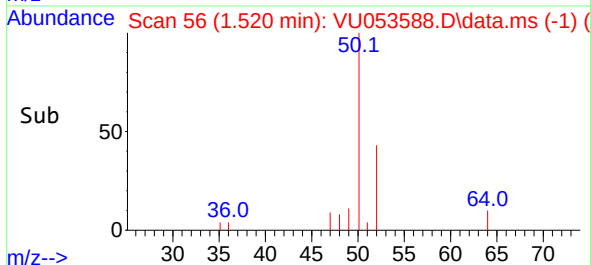
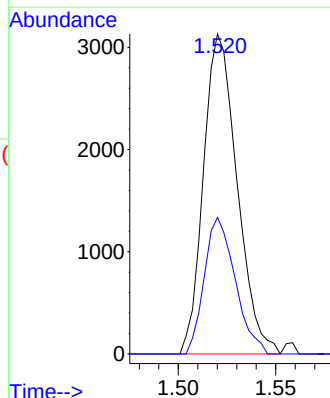
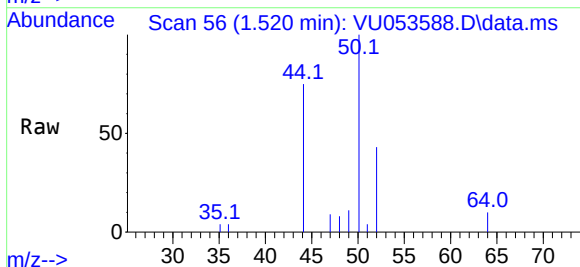
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

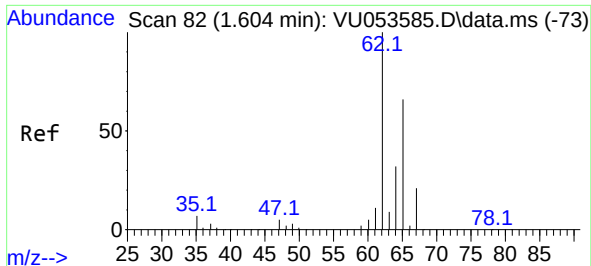
Tgt Ion: 85 Resp: 3730
Ion Ratio Lower Upper
85 100
87 32.9 26.4 39.6



#3
Chloromethane
Concen: 2.239 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion: 50 Resp: 3764
Ion Ratio Lower Upper
50 100
52 42.7 22.7 42.1#

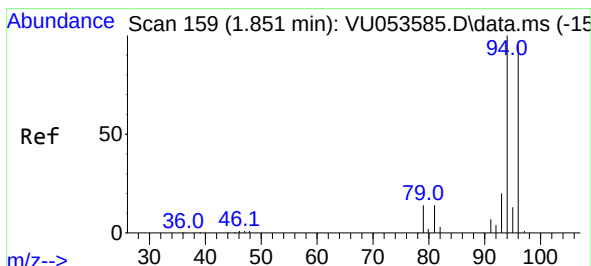
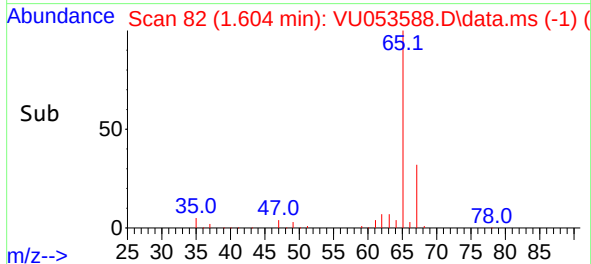
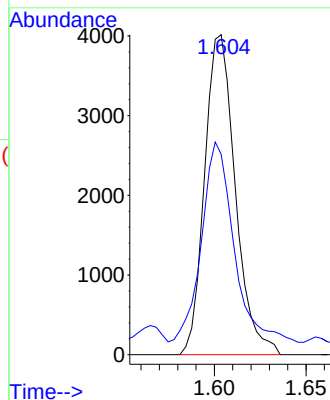
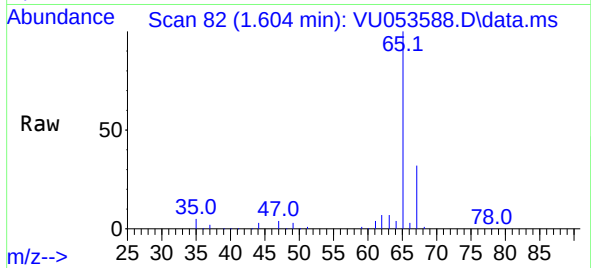




#5
 Vinyl chloride
 Concen: 2.403 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU053588.D
 Acq: 06 Apr 2023 12:27

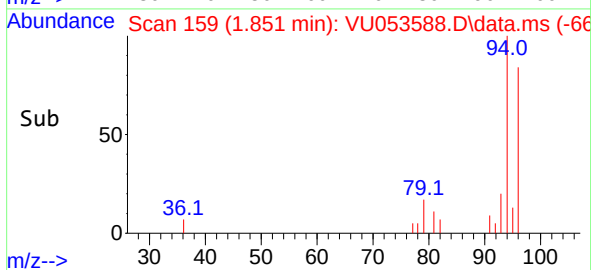
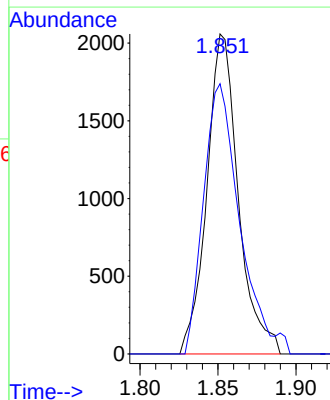
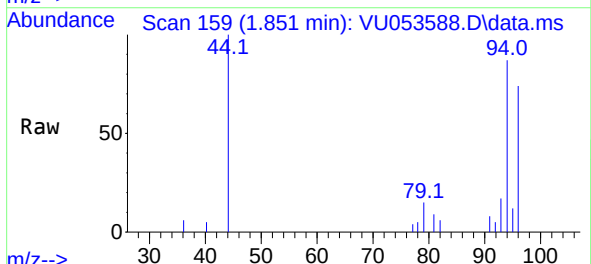
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-03

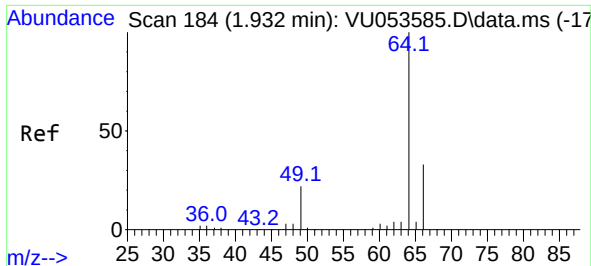
Tgt Ion: 62 Resp: 4681
 Ion Ratio Lower Upper
 62 100
 64 62.6 23.2 43.0#



#6
 Bromomethane
 Concen: 2.039 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VU053588.D
 Acq: 06 Apr 2023 12:27

Tgt Ion: 94 Resp: 2891
 Ion Ratio Lower Upper
 94 100
 96 84.5 64.4 119.6





#8

Chloroethane

Concen: 2.420 ug/L

RT: 1.928 min Scan# 183

Delta R.T. -0.003 min

Lab File: VU053588.D

Acq: 06 Apr 2023 12:27

Instrument :

MSVOA_U

ClientSampleId :

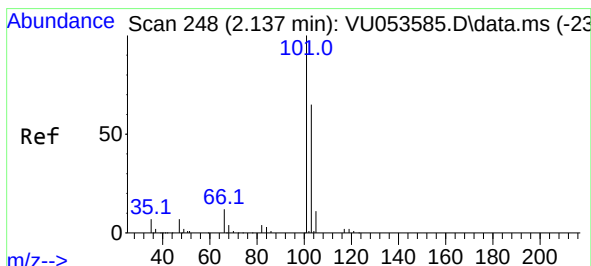
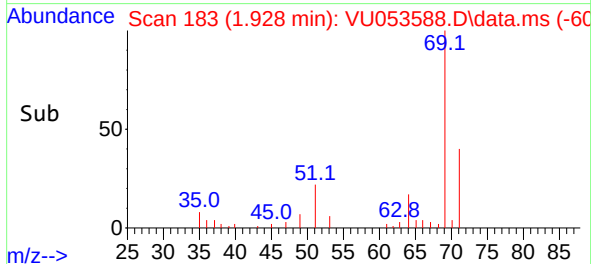
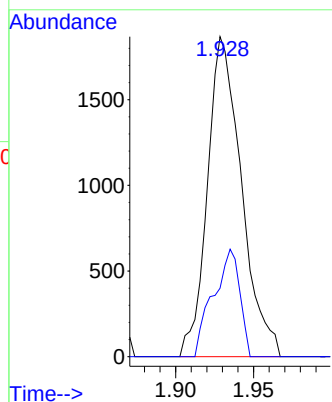
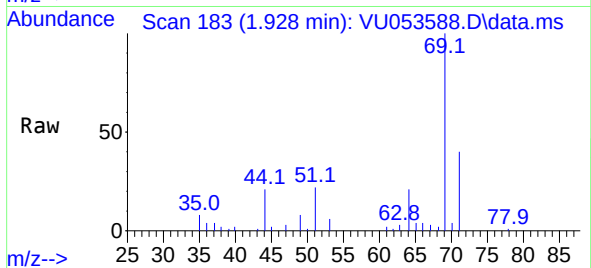
MDL-WATER-QT2-2023-03

Tgt Ion: 64 Resp: 2836

Ion Ratio Lower Upper

64 100

66 21.4 21.8 40.6#



#9

Trichlorofluoromethane

Concen: 2.004 ug/L

RT: 2.137 min Scan# 248

Delta R.T. 0.000 min

Lab File: VU053588.D

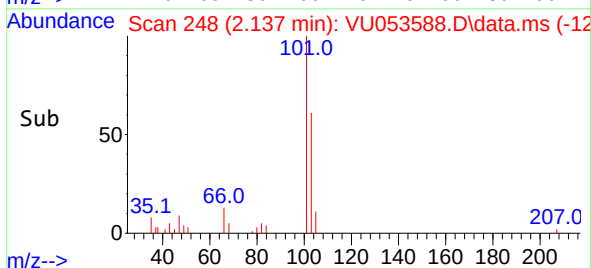
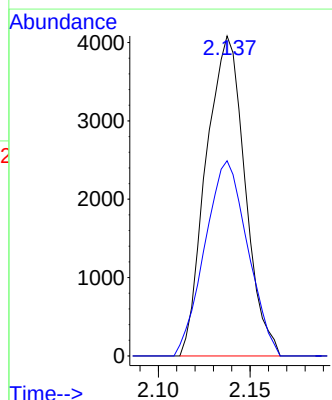
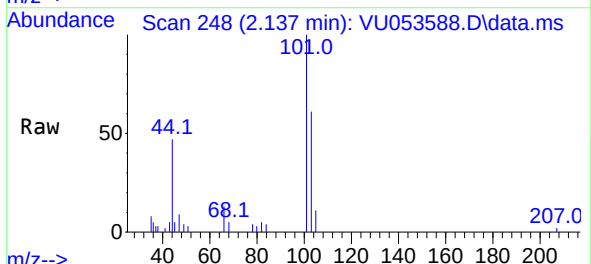
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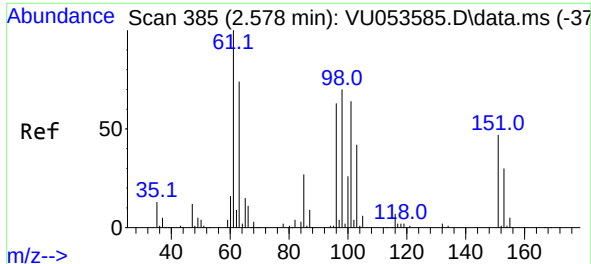
Tgt Ion:101 Resp: 6004

Ion Ratio Lower Upper

101 100

103 67.2 52.5 78.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.603 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.006 min

Lab File: VU053588.D

Acq: 06 Apr 2023 12:27

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

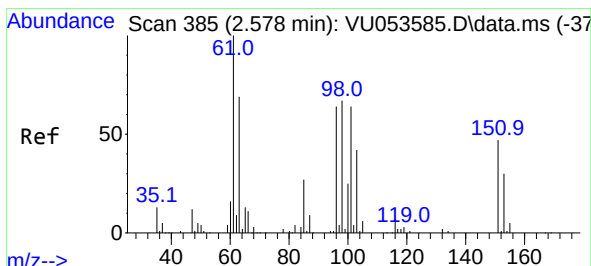
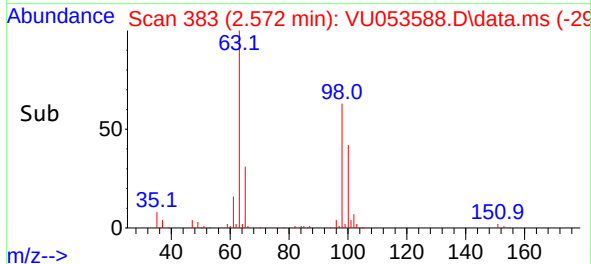
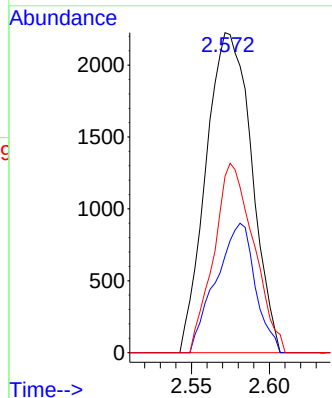
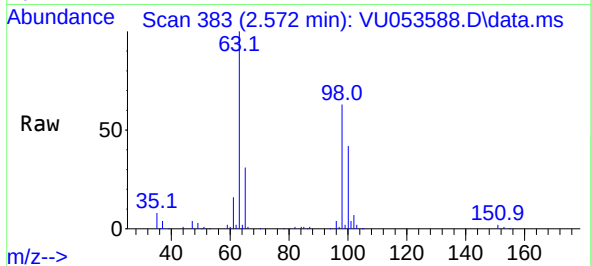
Tgt Ion:101 Resp: 4518

Ion Ratio Lower Upper

101 100

85 34.8 32.6 48.8

151 51.9 65.8 98.6#



#12

1,1-Dichloroethene

Concen: 2.654 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU053588.D

Acq: 06 Apr 2023 12:27

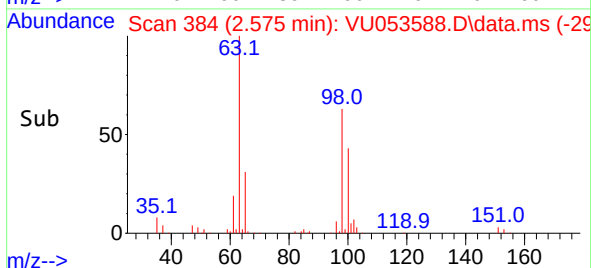
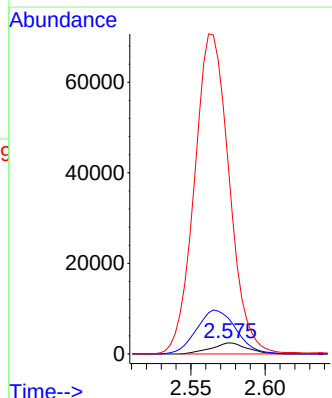
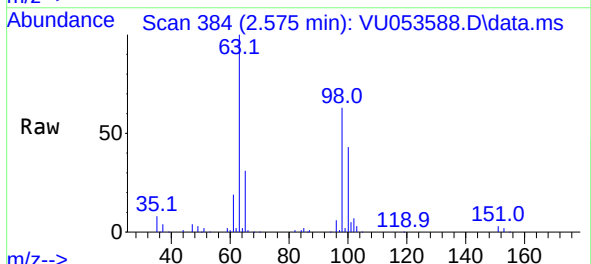
Tgt Ion: 96 Resp: 4105

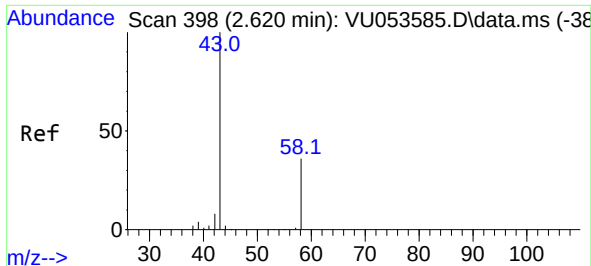
Ion Ratio Lower Upper

96 100

61 330.3 107.9 200.5#

63 1772.2 79.1 146.9#





#13

Acetone

Concen: 4.097 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

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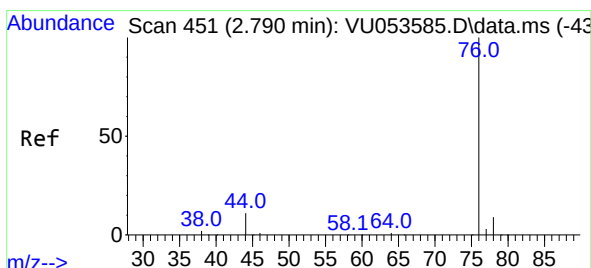
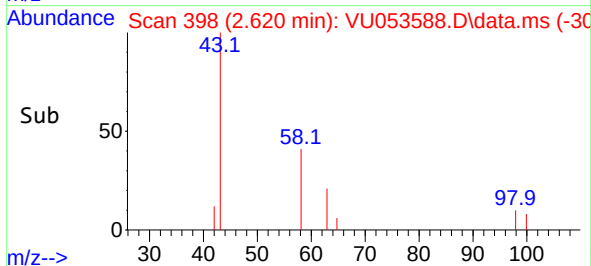
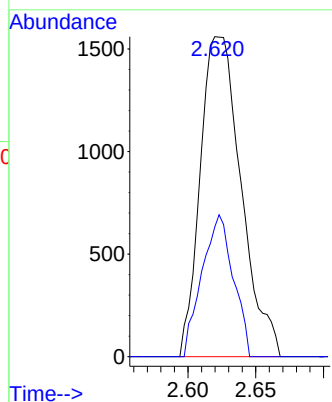
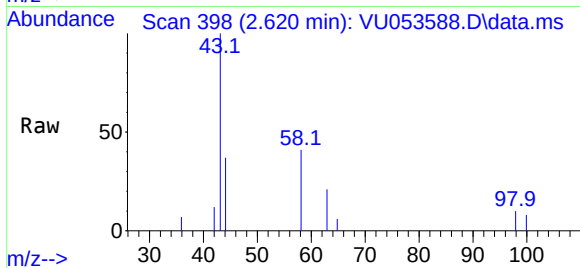
MDL-WATER-QT2-2023-03

Tgt Ion: 43 Resp: 3272

Ion Ratio Lower Upper

43 100

58 33.9 0.0 70.2



#14

Carbon disulfide

Concen: 2.050 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU053588.D

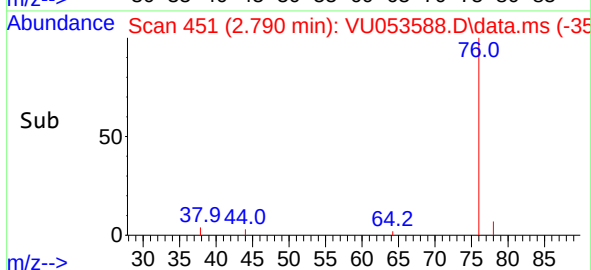
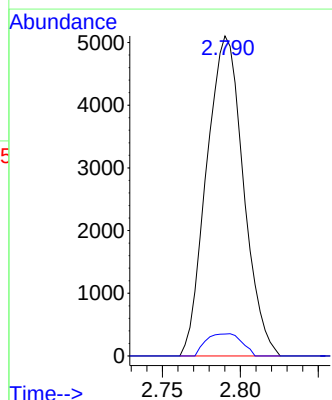
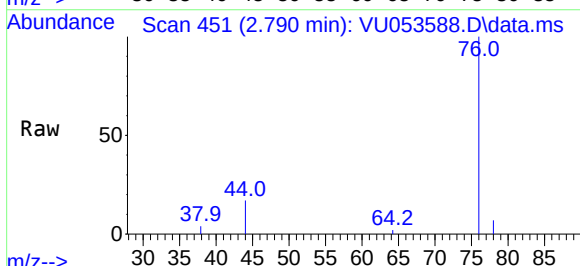
Acq: 06 Apr 2023 12:27

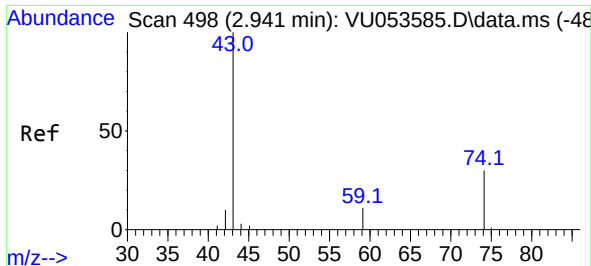
Tgt Ion: 76 Resp: 8386

Ion Ratio Lower Upper

76 100

78 6.8 8.2 12.2#

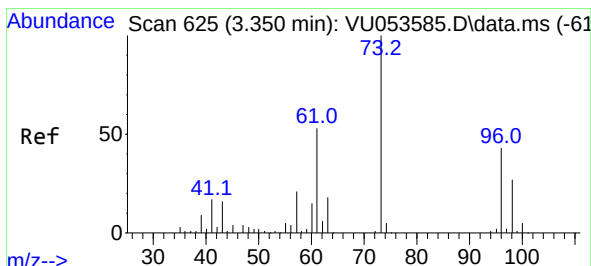
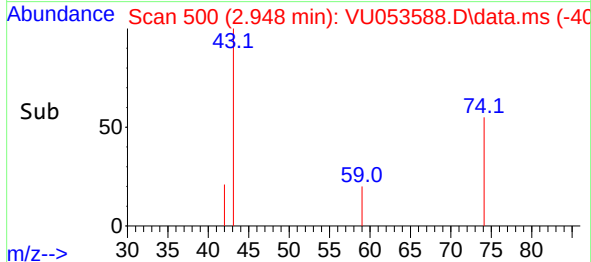
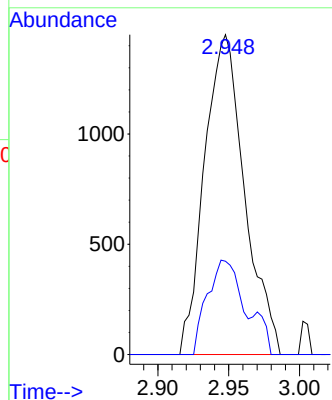
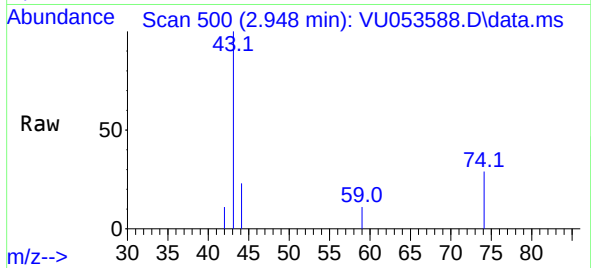




#15
Methyl Acetate
Concen: 2.332 ug/L
RT: 2.948 min Scan# 50
Delta R.T. 0.006 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

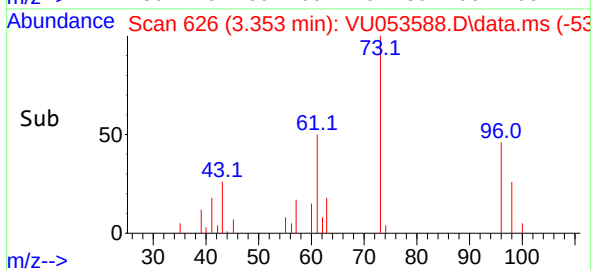
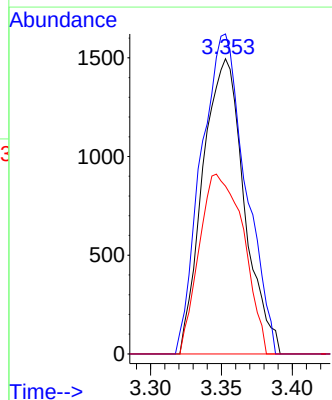
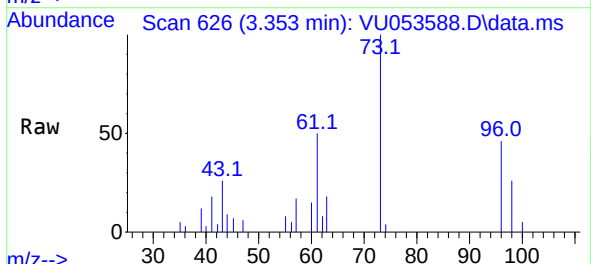
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

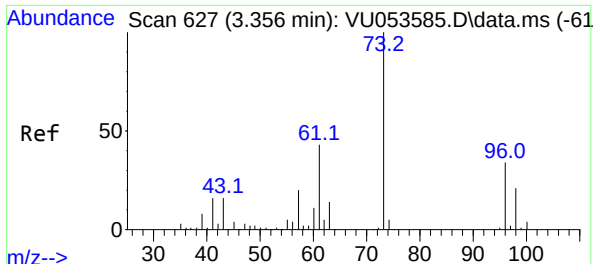
Tgt Ion: 43 Resp: 2852
Ion Ratio Lower Upper
43 100
74 24.1 22.0 33.0



#17
trans-1,2-Dichloroethene
Concen: 1.956 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion: 96 Resp: 3041
Ion Ratio Lower Upper
96 100
61 108.4 84.4 156.8
98 56.9 46.0 85.4





#18

Methyl tert-butyl Ether

Concen: 1.945 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU053588.D

Acq: 06 Apr 2023 12:27

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

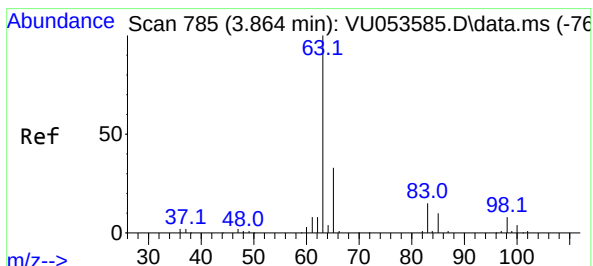
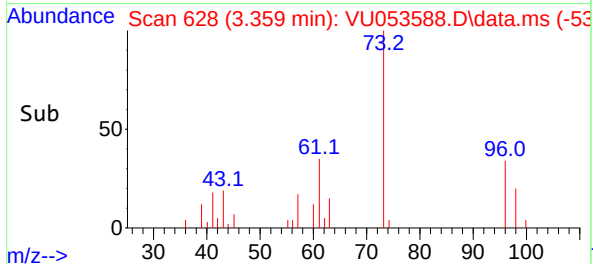
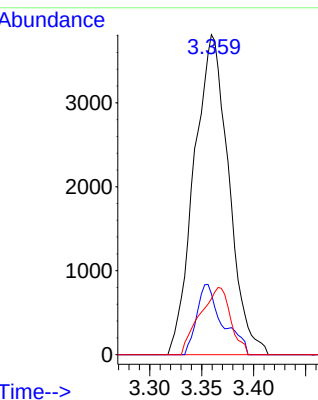
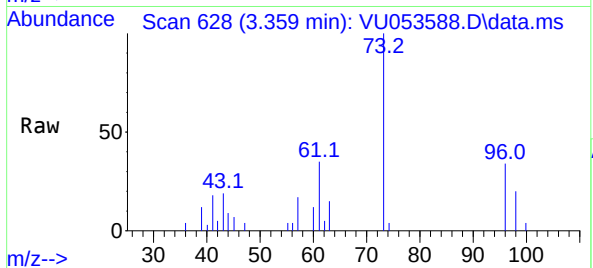
Tgt Ion: 73 Resp: 8812

Ion Ratio Lower Upper

73 100

43 13.1 13.8 20.8#

57 18.7 15.9 23.9



#19

1,1-Dichloroethane

Concen: 1.944 ug/L

RT: 3.858 min Scan# 783

Delta R.T. -0.006 min

Lab File: VU053588.D

Acq: 06 Apr 2023 12:27

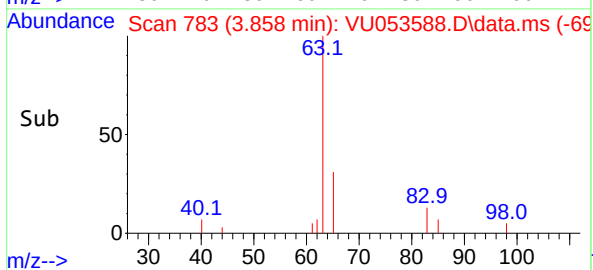
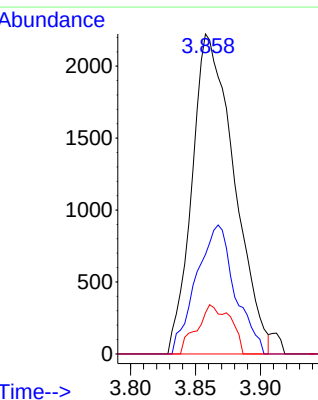
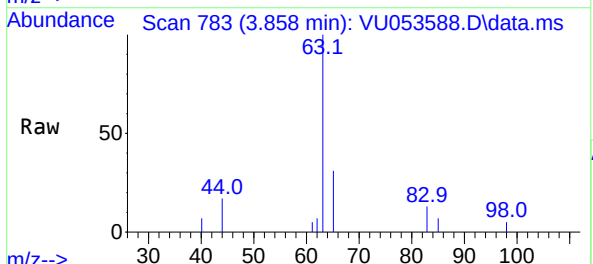
Tgt Ion: 63 Resp: 5005

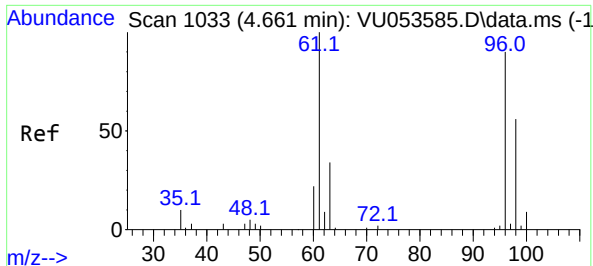
Ion Ratio Lower Upper

63 100

65 31.1 22.0 41.0

83 12.9 10.8 20.0

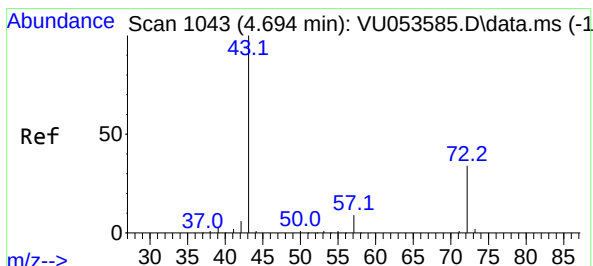
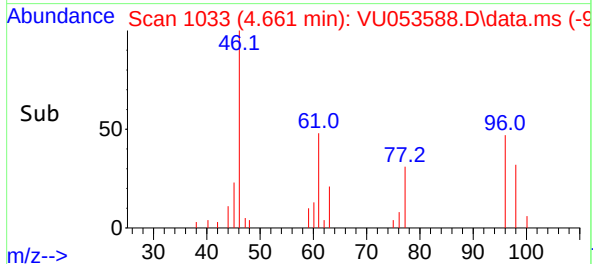
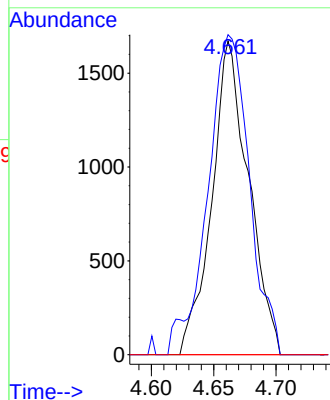
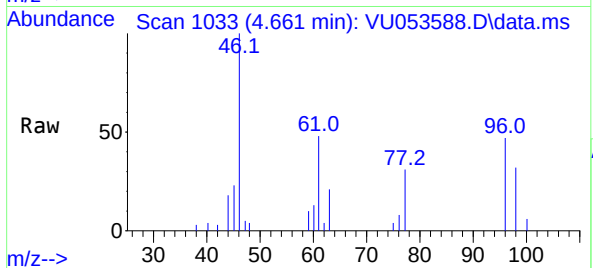




#20
cis-1,2-Dichloroethene
Concen: 1.909 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

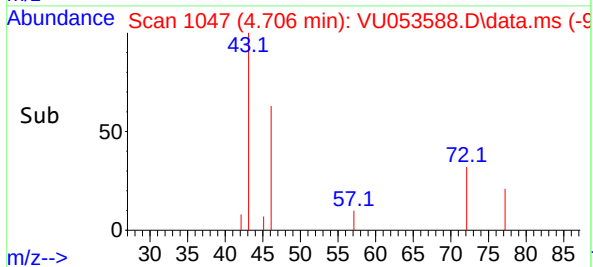
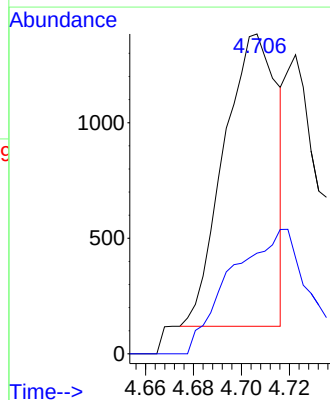
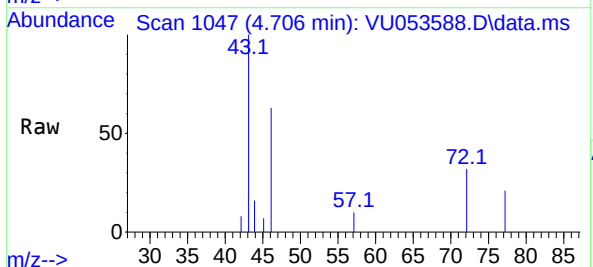
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

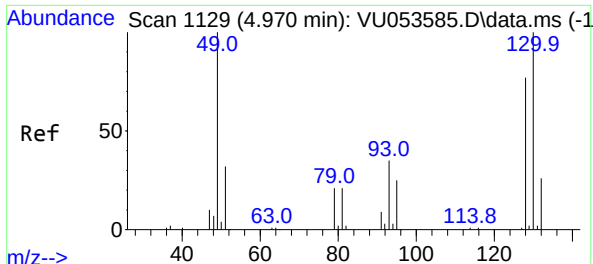
Tgt Ion: 96 Resp: 3428
Ion Ratio Lower Upper
96 100
61 102.1 74.7 138.7
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 2.016 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. 0.013 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion: 43 Resp: 1950
Ion Ratio Lower Upper
43 100
72 60.7 15.8 47.3#

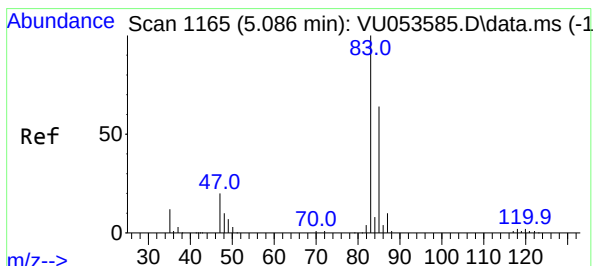
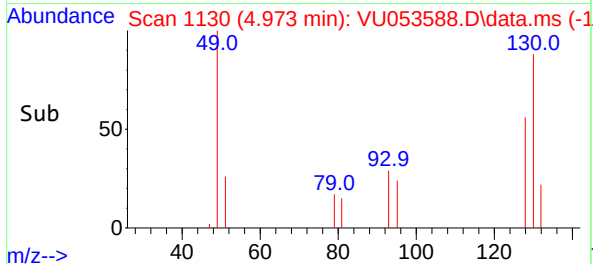
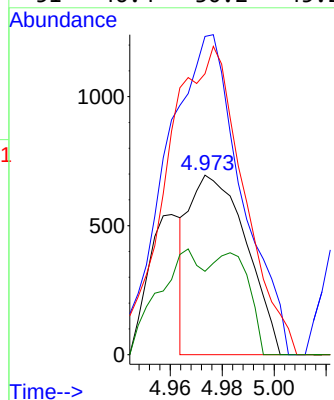
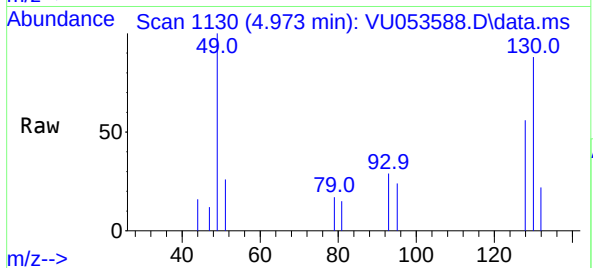




#23
Bromochloromethane
Concen: 1.056 ug/L
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

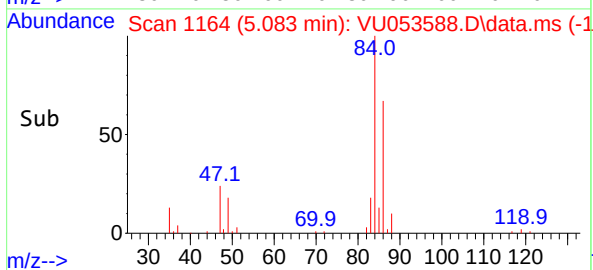
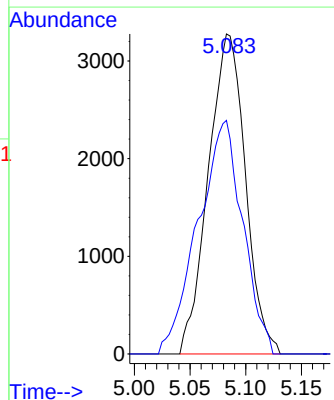
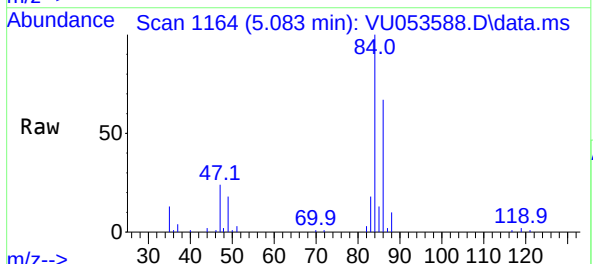
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-03

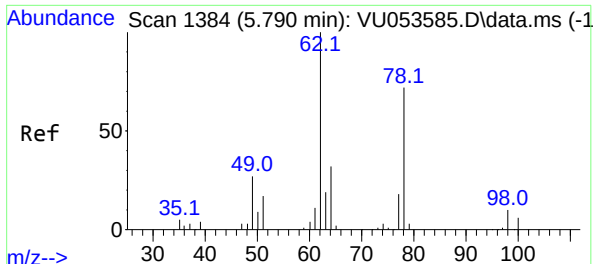
Tgt Ion:128	Resp:	1056
Ion	Ratio	Lower Upper
128	100	
49	177.2	81.5 151.3#
130	156.5	91.8 170.4
51	46.4	30.2 45.2#



#25
Chloroform
Concen: 2.573 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion: 83	Resp:	7597
Ion	Ratio	Lower Upper
83	100	
85	73.0	46.1 85.5

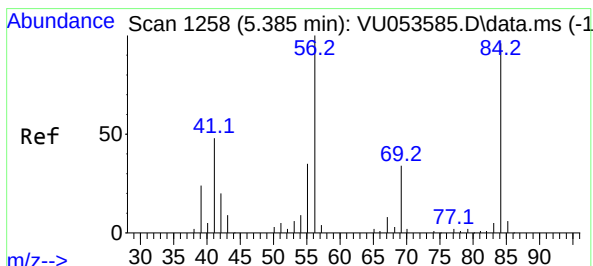
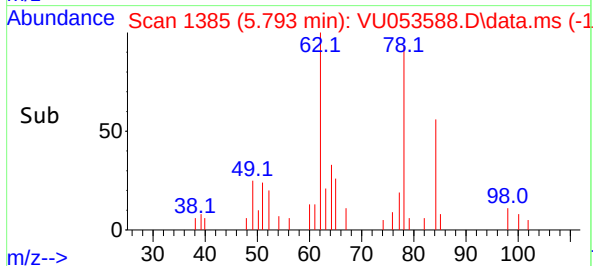
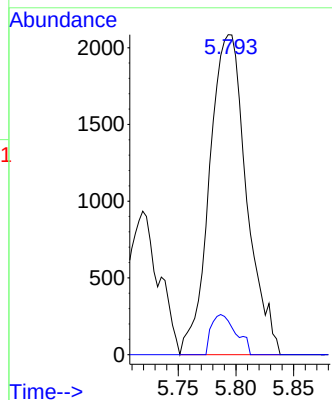
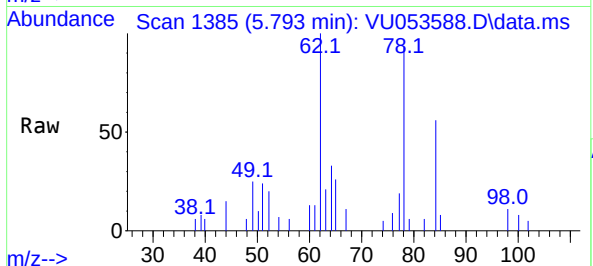




#27
1,2-Dichloroethane
Concen: 2.153 ug/L
RT: 5.793 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

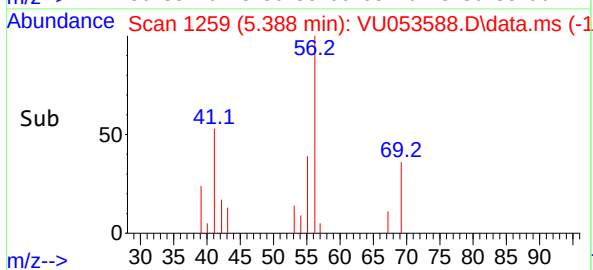
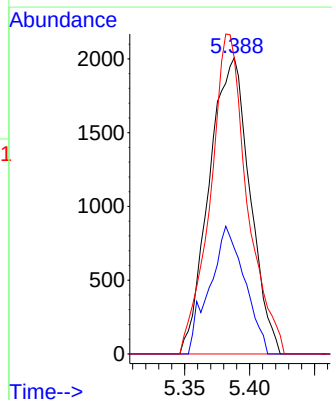
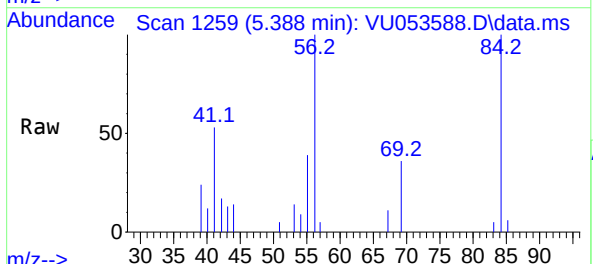
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

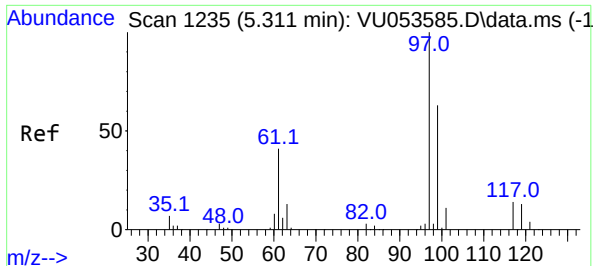
Tgt Ion: 62 Resp: 4657
Ion Ratio Lower Upper
62 100
98 10.6 8.3 12.5



#29
Cyclohexane
Concen: 1.922 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion: 56 Resp: 4375
Ion Ratio Lower Upper
56 100
69 33.7 27.3 40.9
84 97.7 81.3 121.9

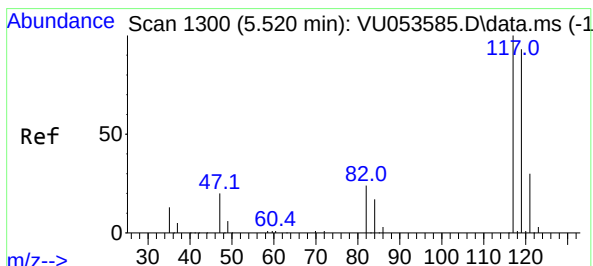
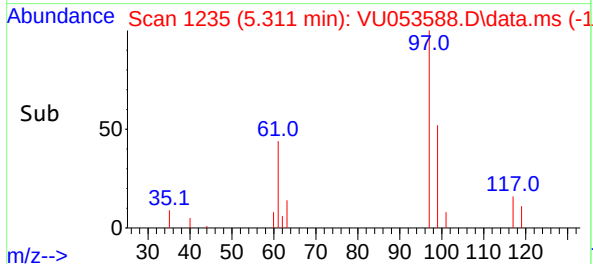
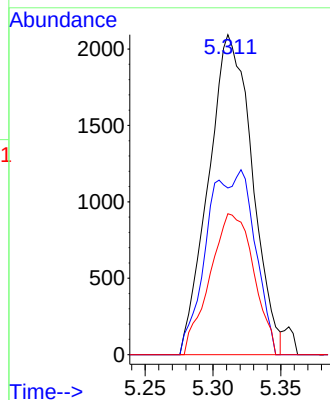
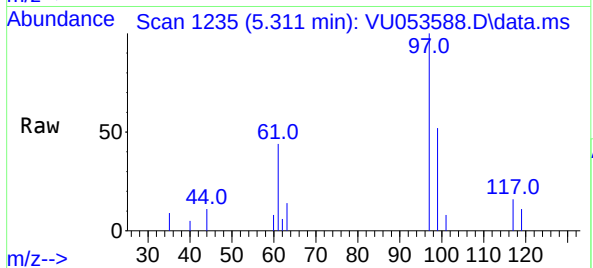




#30
1,1,1-Trichloroethane
Concen: 1.803 ug/L
RT: 5.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

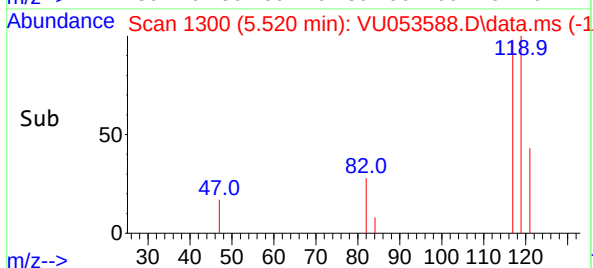
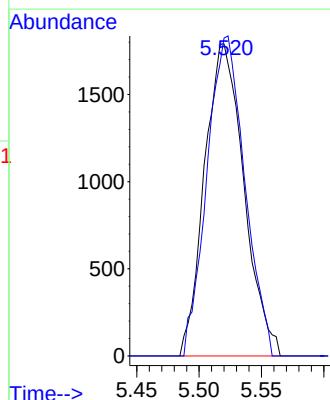
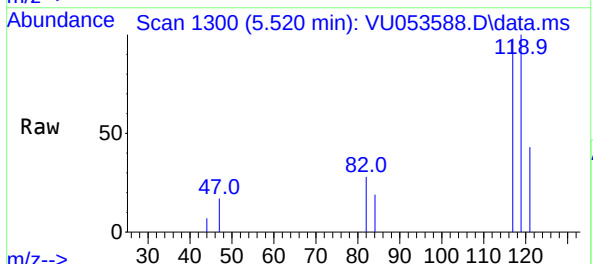
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

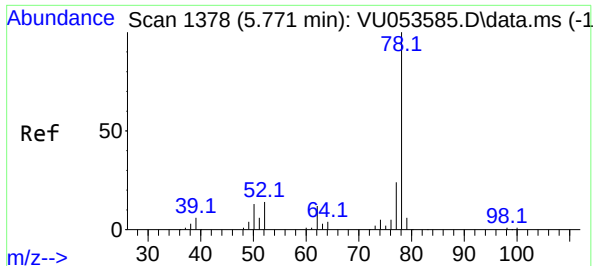
Tgt Ion: 97 Resp: 4698
Ion Ratio Lower Upper
97 100
99 31.3 51.6 77.4#
61 44.1 31.0 46.4



#31
Carbon tetrachloride
Concen: 1.684 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion: 117 Resp: 3932
Ion Ratio Lower Upper
117 100
119 98.3 76.9 115.3

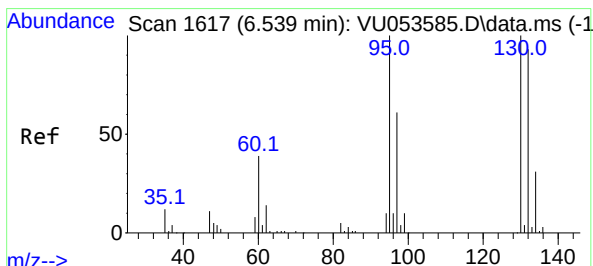
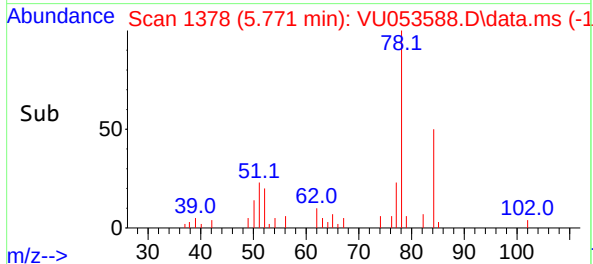
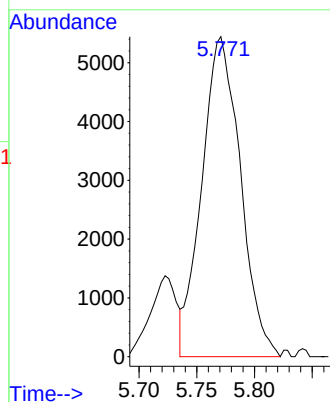
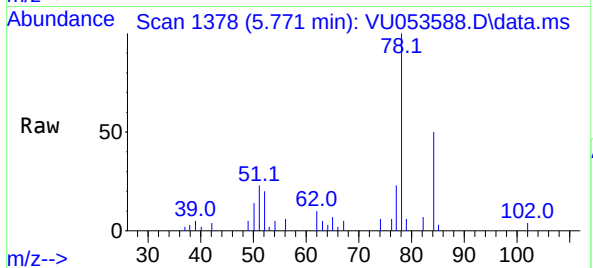




#33
Benzene
Concen: 2.055 ug/L
RT: 5.771 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

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

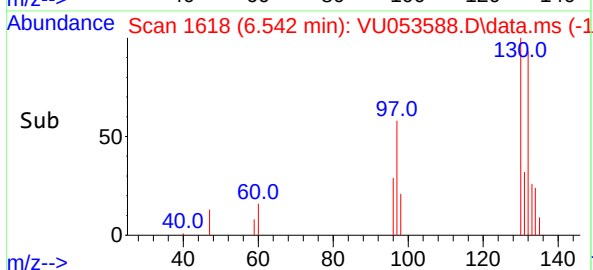
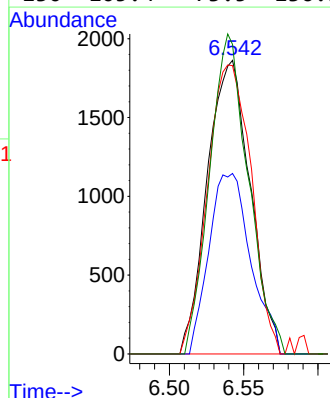
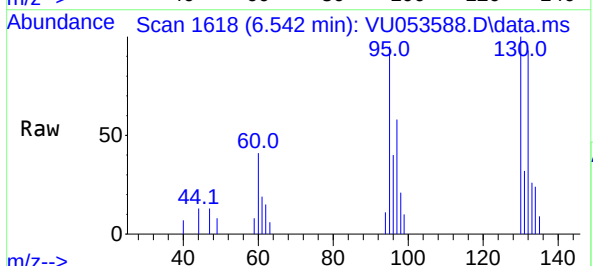
Tgt Ion: 78 Resp: 12660

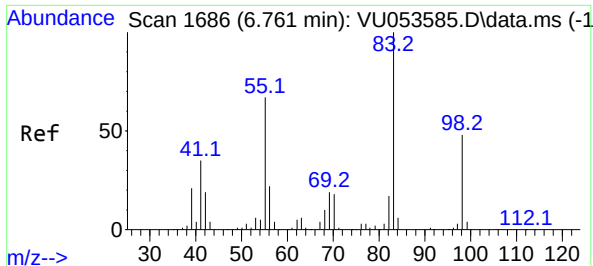


#34
Trichloroethene
Concen: 2.004 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion: 95 Resp: 3735

Ion	Ratio	Lower	Upper
95	100		
97	61.5	45.1	83.7
132	98.2	74.1	137.5
130	105.4	73.5	136.5

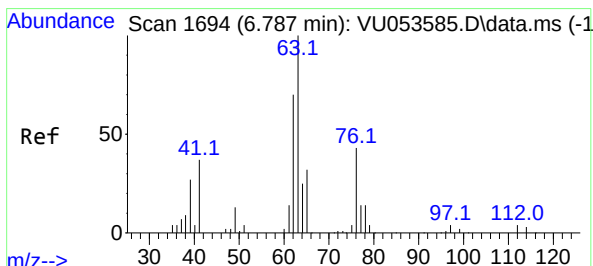
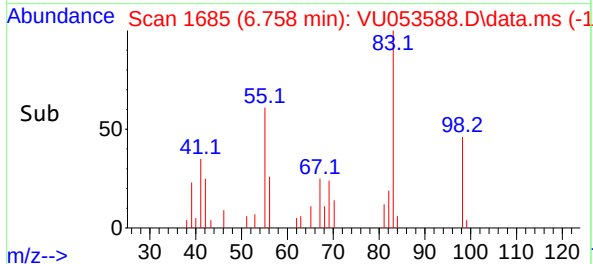
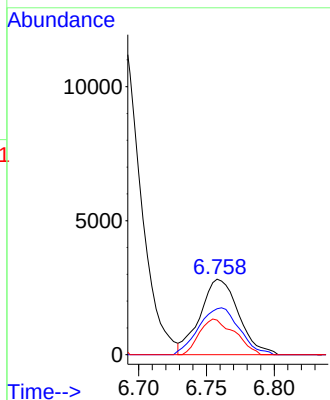
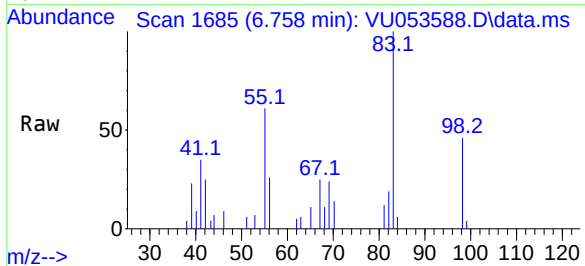




#35
Methylcyclohexane
Concen: 2.030 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

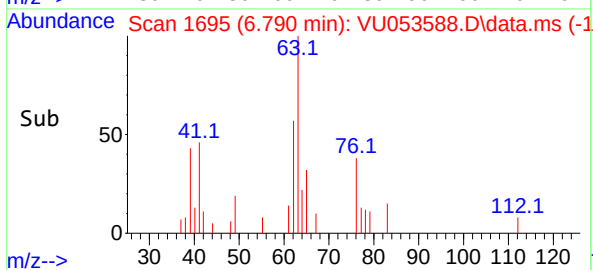
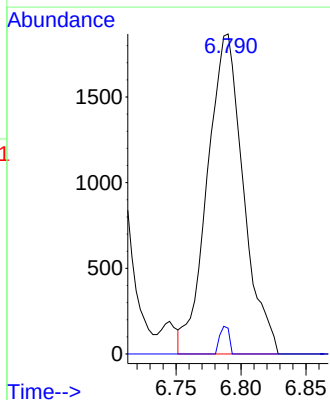
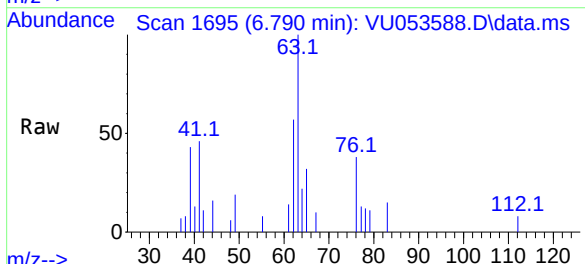
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

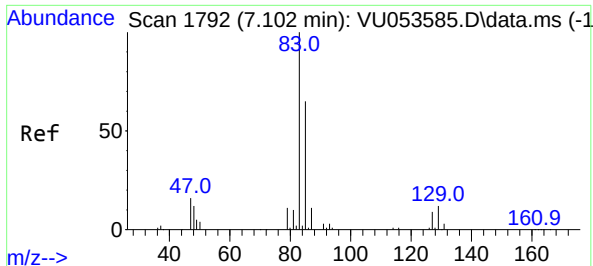
Tgt Ion: 83 Resp: 5561
Ion Ratio Lower Upper
83 100
55 65.3 53.0 79.6
98 43.5 39.0 58.6



#37
1,2-Dichloropropane
Concen: 2.296 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion: 63 Resp: 3592
Ion Ratio Lower Upper
63 100
112 2.3 3.8 5.6#

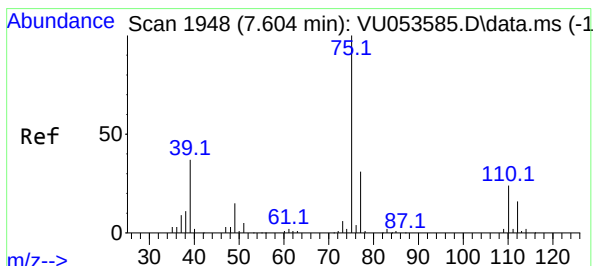
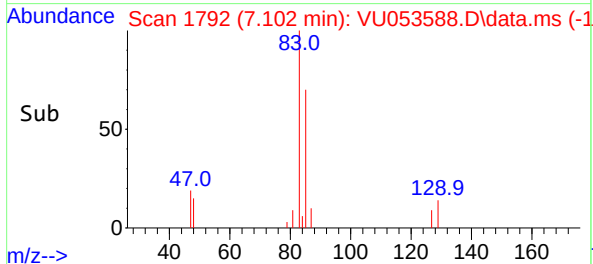
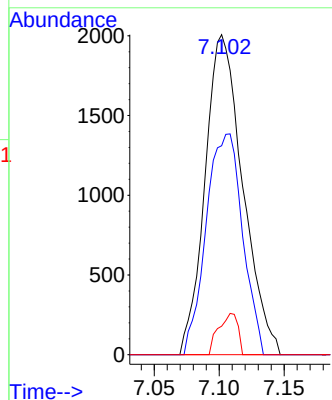
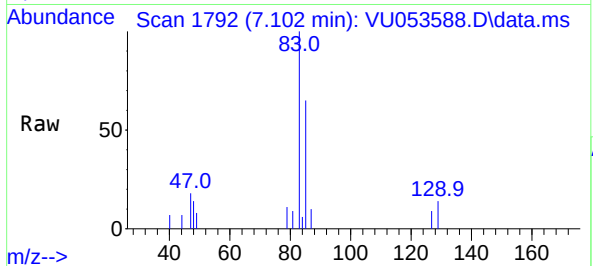




#38
Bromodichloromethane
Concen: 1.943 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

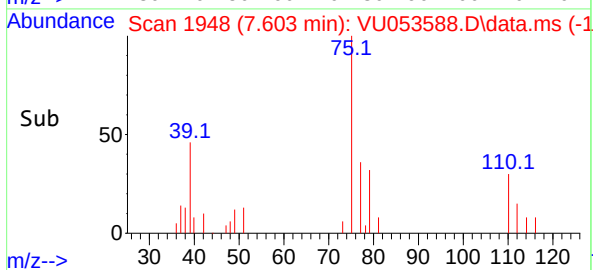
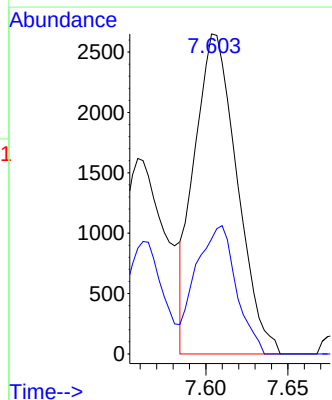
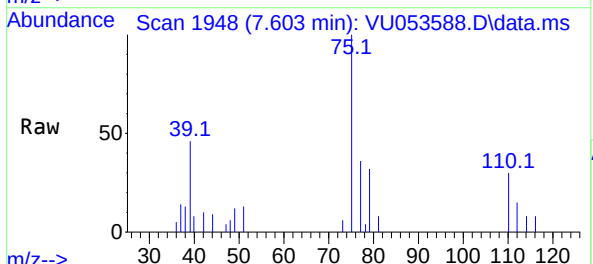
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

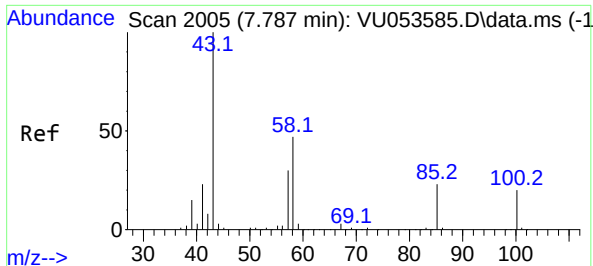
Tgt Ion: 83	Resp: 4055
Ion Ratio	Lower Upper
83 100	
85 65.3	44.4 82.5
127 8.9	8.0 12.0



#39
cis-1,3-Dichloropropene
Concen: 1.870 ug/L
RT: 7.603 min Scan# 1948
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion: 75	Resp: 4780
Ion Ratio	Lower Upper
75 100	
77 35.9	22.5 41.7





#40

4-Methyl-2-pentanone

Concen: 4.434 ug/L

RT: 7.790 min Scan# 2005

Delta R.T. 0.006 min

Lab File: VU053588.D

Acq: 06 Apr 2023 12:27

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

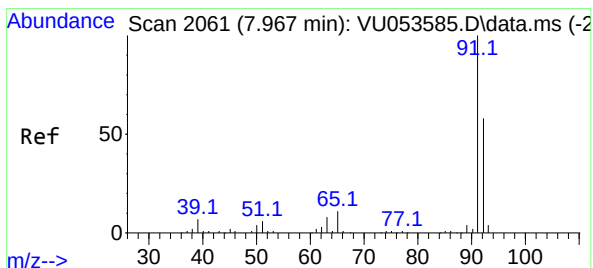
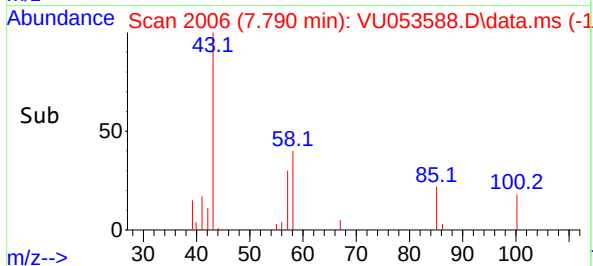
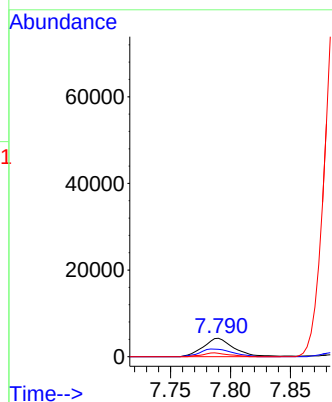
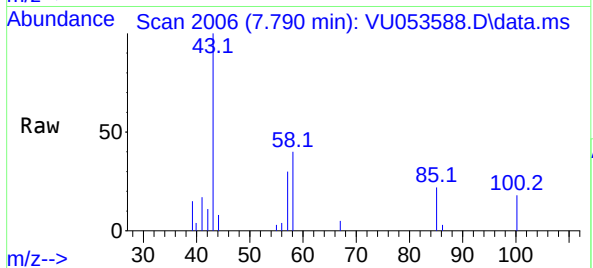
Tgt Ion: 43 Resp: 7538

Ion Ratio Lower Upper

43 100

58 43.9 35.5 53.3

100 17.6 15.8 23.8



#42

Toluene

Concen: 1.962 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU053588.D

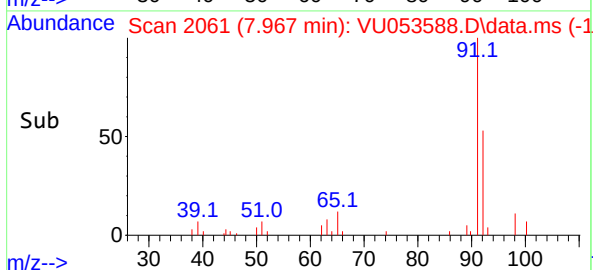
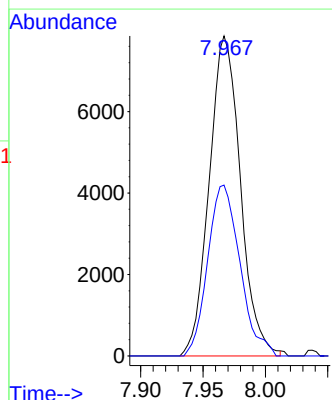
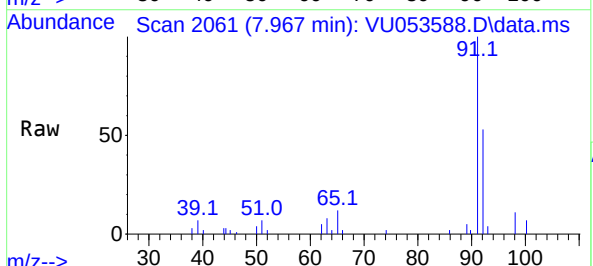
Acq: 06 Apr 2023 12:27

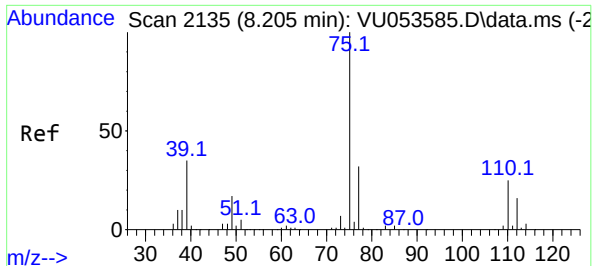
Tgt Ion: 91 Resp: 13695

Ion Ratio Lower Upper

91 100

92 53.4 39.8 73.8

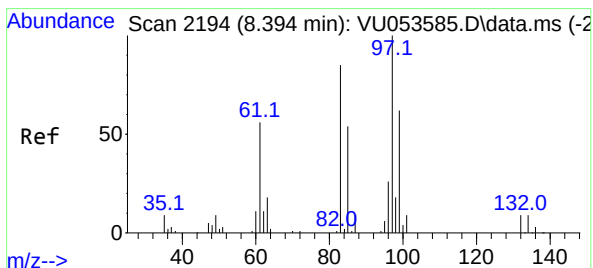
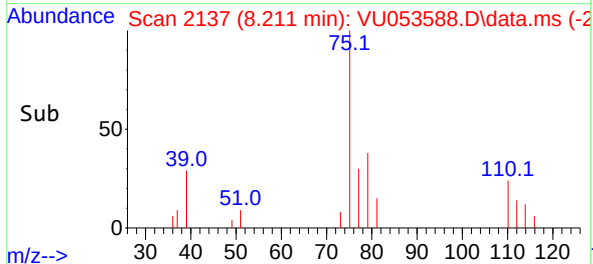
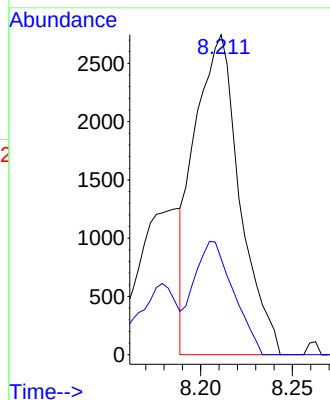
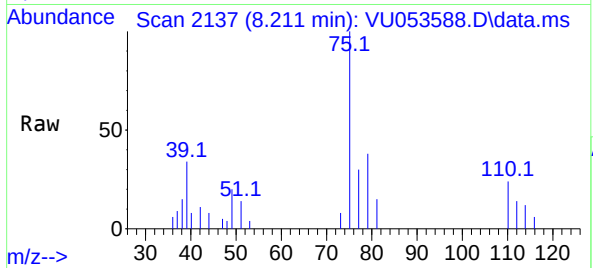




#44
trans-1,3-Dichloropropene
Concen: 1.957 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

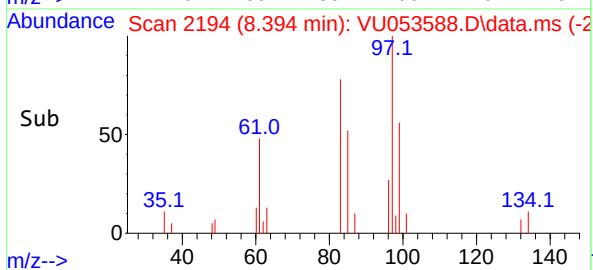
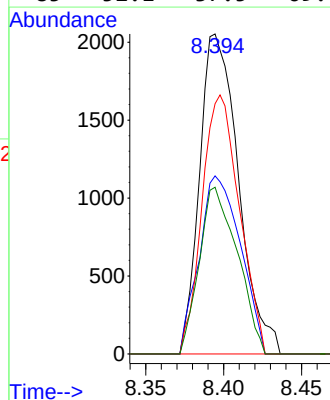
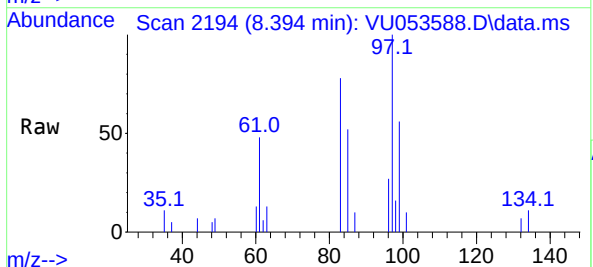
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

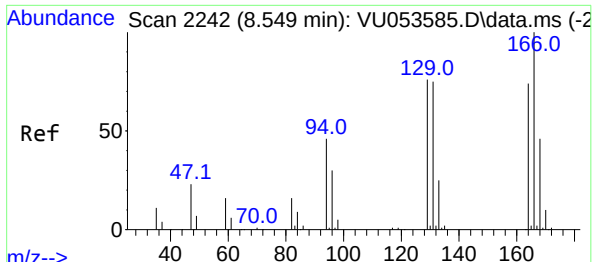
Tgt Ion: 75 Resp: 4729
Ion Ratio Lower Upper
75 100
77 30.0 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 2.075 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion: 97 Resp: 3564
Ion Ratio Lower Upper
97 100
99 55.6 43.8 81.3
83 78.2 59.0 109.6
85 52.1 37.5 69.7



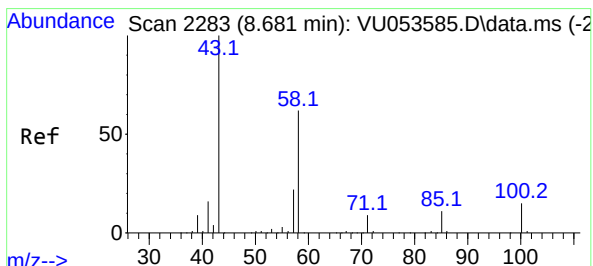
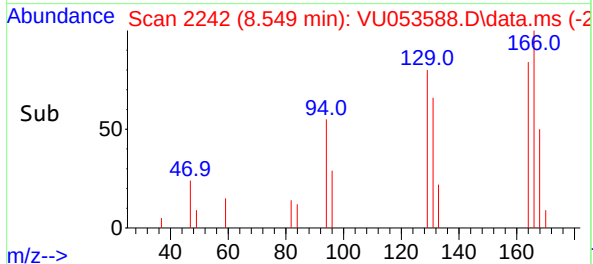
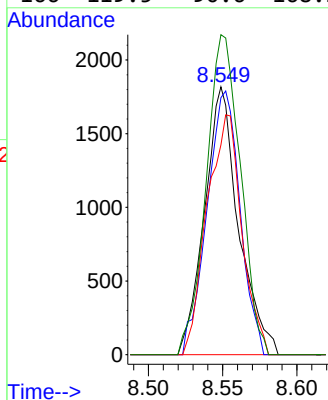
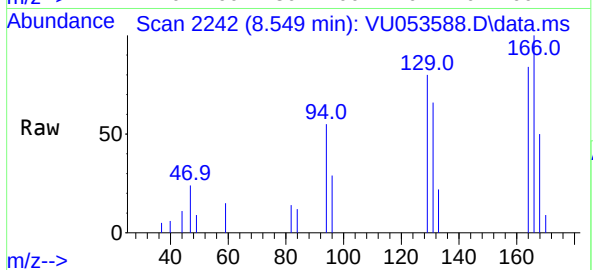


#46
Tetrachloroethene
Concen: 1.877 ug/L
RT: 8.549 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

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

Tgt Ion:164 Resp: 2902

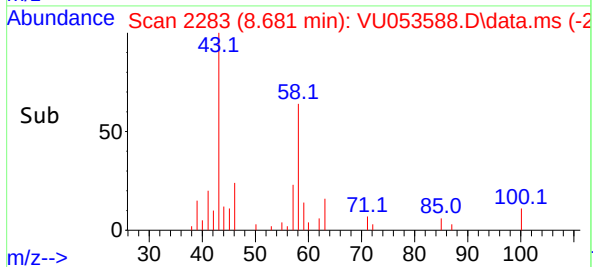
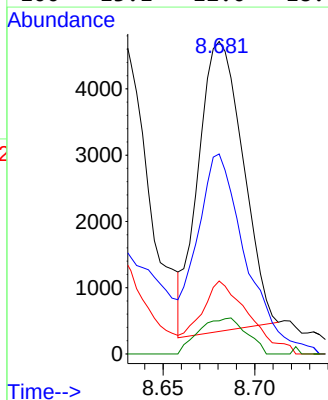
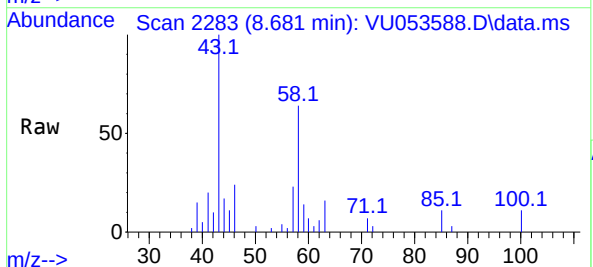
Ion	Ratio	Lower	Upper
164	100		
129	95.9	64.0	119.0
131	78.3	61.9	115.1
166	119.5	90.6	168.2

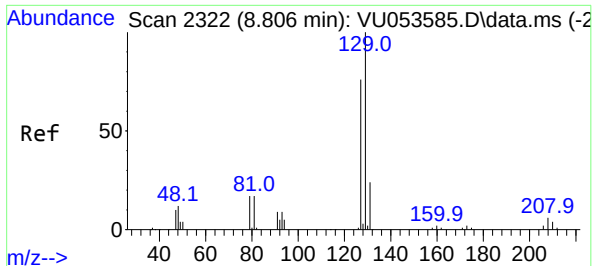


#48
2-Hexanone
Concen: 5.400 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion: 43 Resp: 7426

Ion	Ratio	Lower	Upper
43	100		
58	75.9	49.8	74.6
57	21.5	17.8	26.6
100	13.1	12.0	18.0





#49

Dibromochloromethane

Concen: 1.533 ug/L

RT: 8.806 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053588.D

Acq: 06 Apr 2023 12:27

Instrument :

MSVOA_U

ClientSampleId :

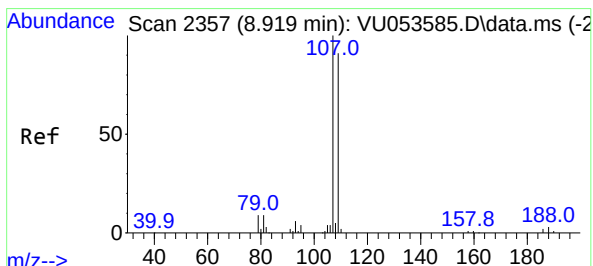
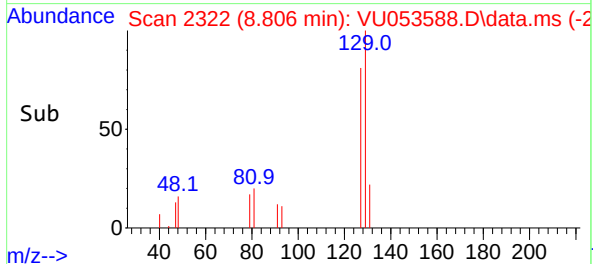
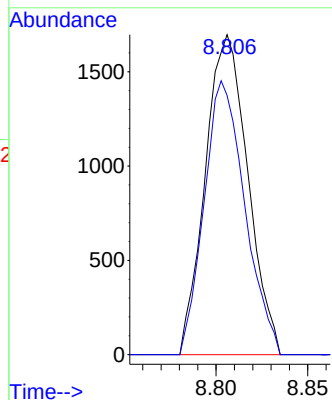
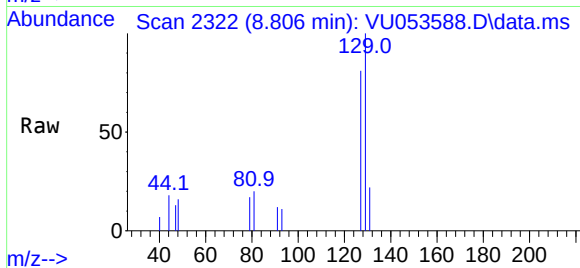
MDL-WATER-QT2-2023-03

Tgt Ion:129 Resp: 2737

Ion Ratio Lower Upper

129 100

127 81.0 53.5 99.3



#50

1,2-Dibromoethane

Concen: 1.788 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. 0.003 min

Lab File: VU053588.D

Acq: 06 Apr 2023 12:27

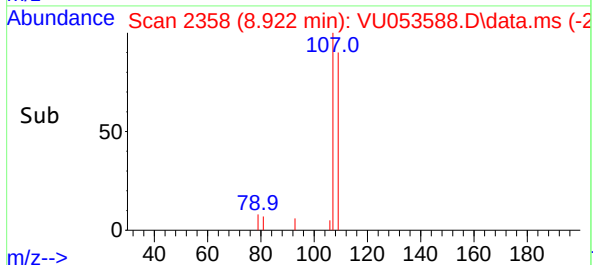
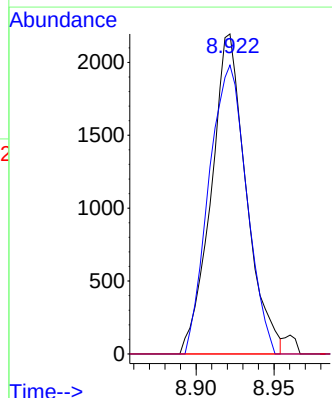
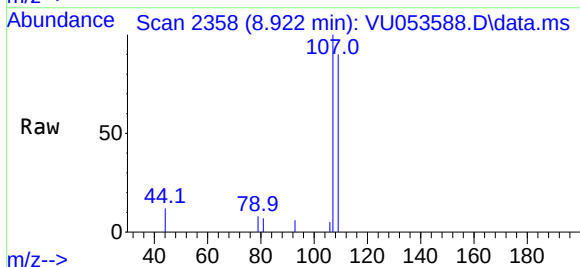
Tgt Ion:107 Resp: 3436

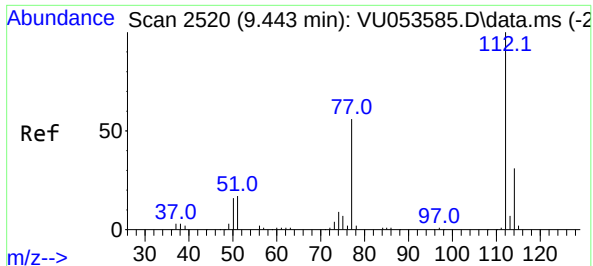
Ion Ratio Lower Upper

107 100

109 90.3 66.3 123.1

188 0.0 3.0 4.4#

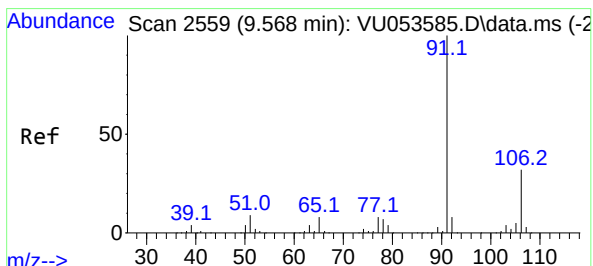
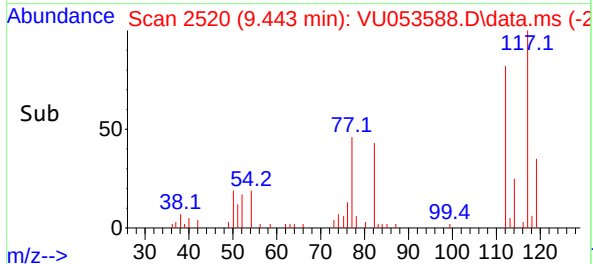
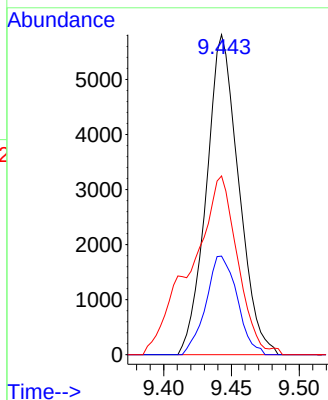
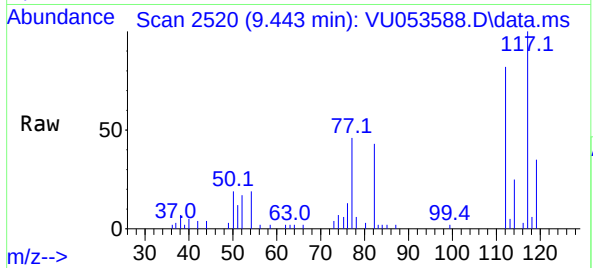




#51
Chlorobenzene
Concen: 2.003 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

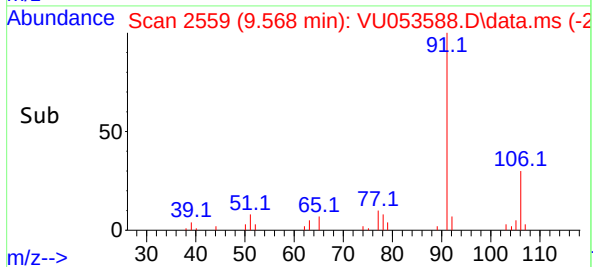
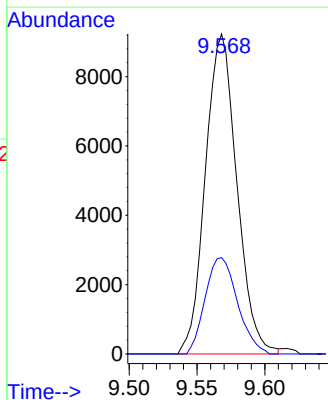
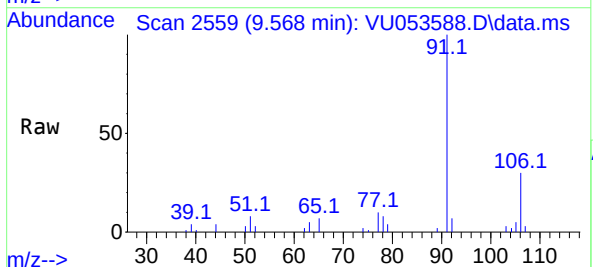
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-03

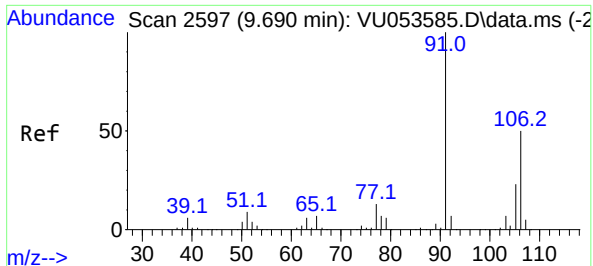
Tgt Ion:	112	Resp:	9634
Ion	Ratio	Lower	Upper
112	100		
114	30.8	22.2	41.2
77	55.8	41.3	61.9



#52
Ethylbenzene
Concen: 1.919 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion:	91	Resp:	14912
Ion	Ratio	Lower	Upper
91	100		
106	30.1	22.4	41.6

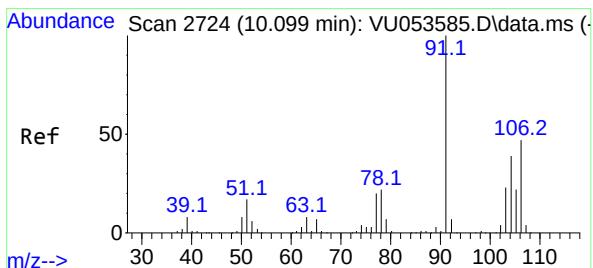
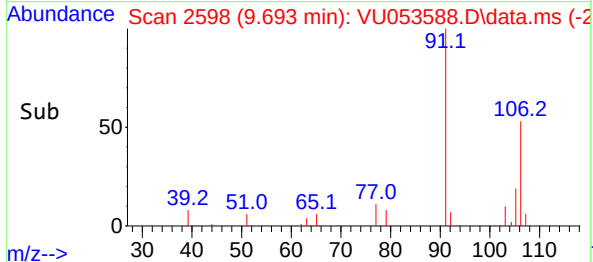
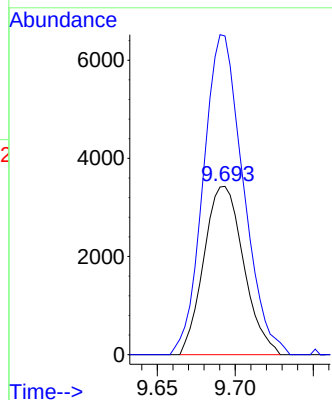
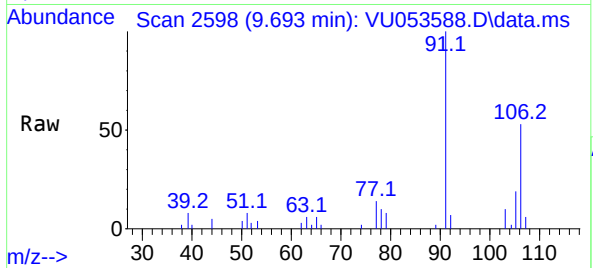




#53
m,p-Xylene
Concen: 2.000 ug/L
RT: 9.693 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

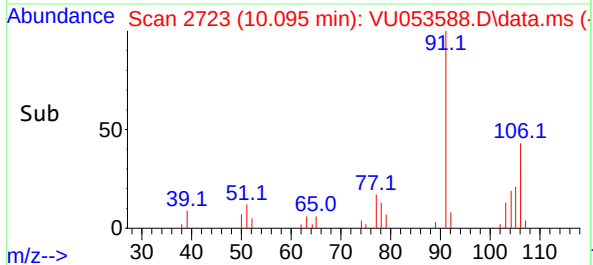
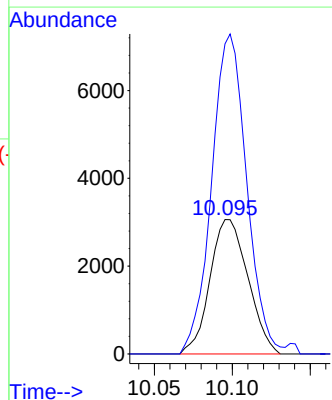
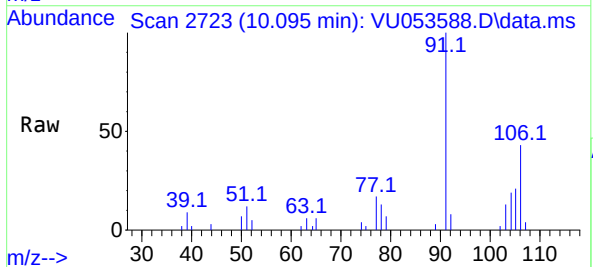
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

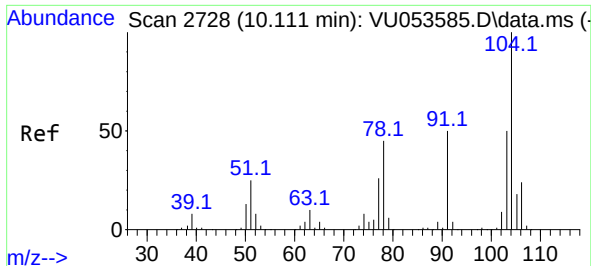
Tgt Ion:106 Resp: 6078
Ion Ratio Lower Upper
106 100
91 189.3 140.0 260.0



#54
o-xylene
Concen: 1.728 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion:106 Resp: 5192
Ion Ratio Lower Upper
106 100
91 230.8 144.9 269.1

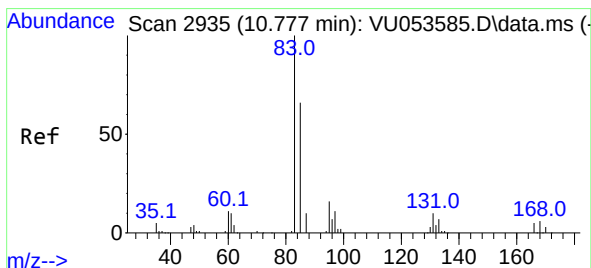
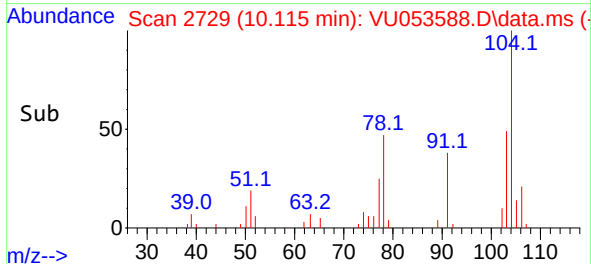
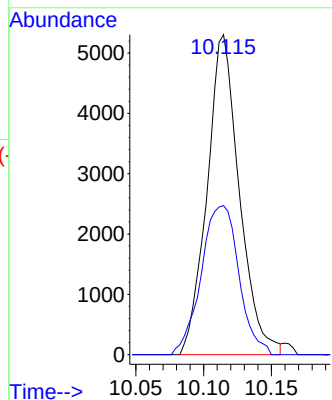
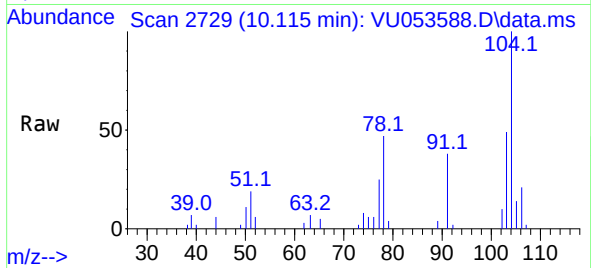




#55
Styrene
Concen: 1.797 ug/L
RT: 10.115 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

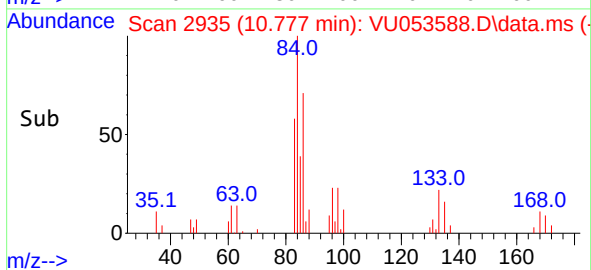
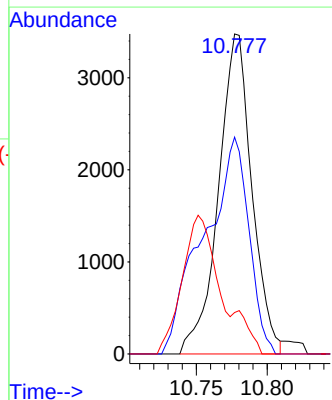
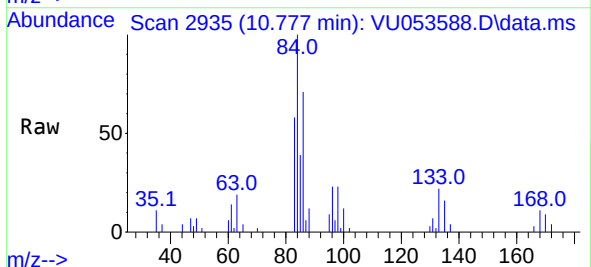
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

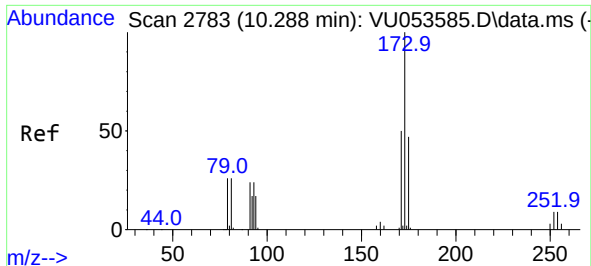
Tgt Ion:104 Resp: 8794
Ion Ratio Lower Upper
104 100
78 46.6 31.3 58.1



#57
1,1,2,2-Tetrachloroethane
Concen: 2.262 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion: 83 Resp: 5703
Ion Ratio Lower Upper
83 100
85 67.8 47.0 87.4
131 13.0 8.7 13.1

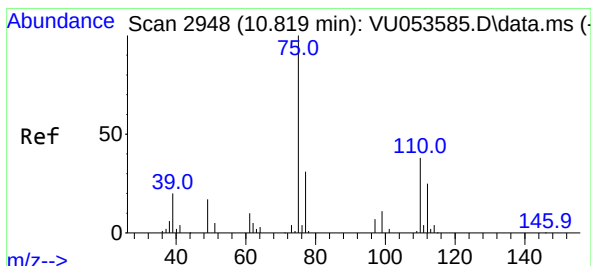
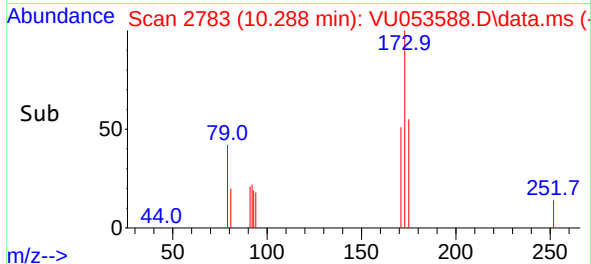
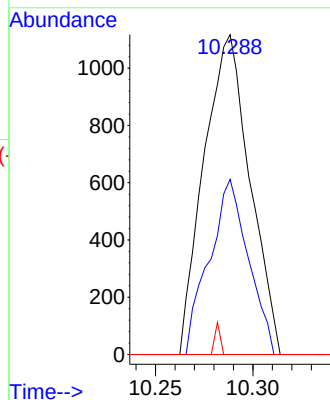
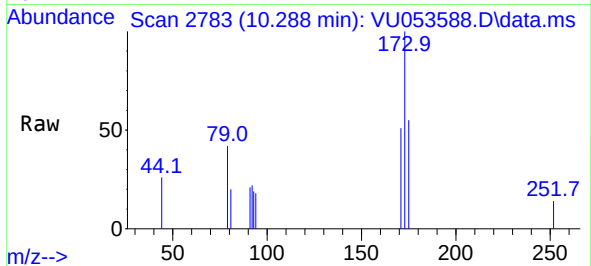




#59
Bromoform
Concen: 1.478 ug/L
RT: 10.288 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

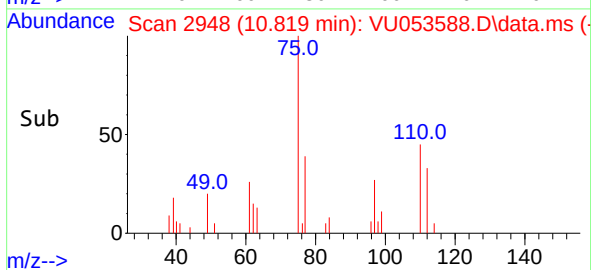
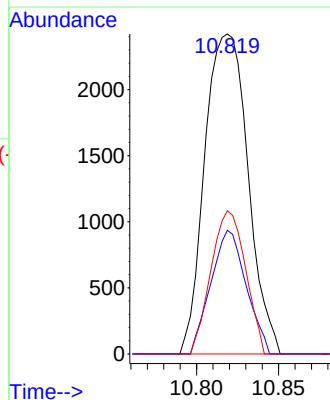
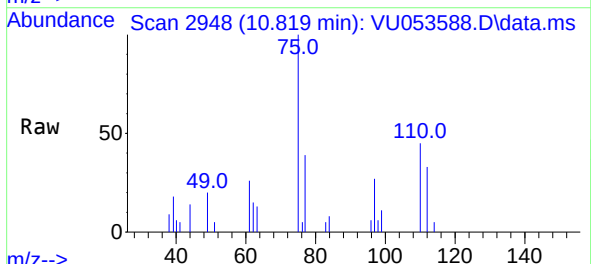
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

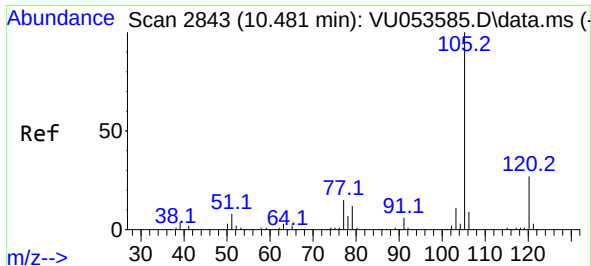
Tgt Ion:	173	Resp:	1831
Ion	Ratio	Lower	Upper
173	100		
175	46.6	39.0	58.6
254	0.0	7.0	10.4#



#60
1,2,3-Trichloropropane
Concen: 2.527 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion:	75	Resp:	4435
Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.0	39.0
110	35.7	32.6	48.8

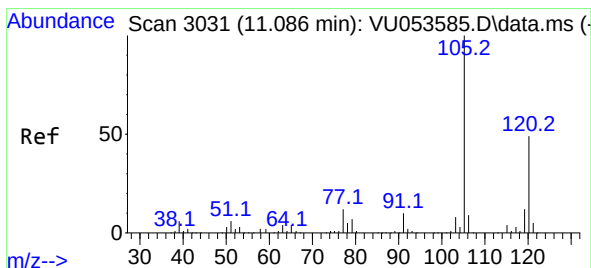
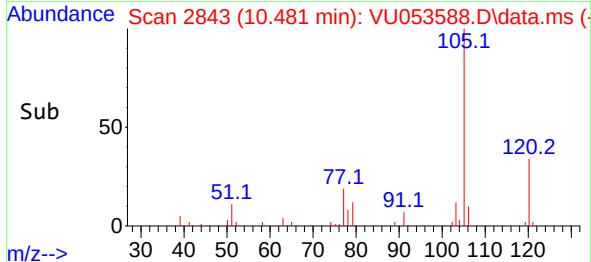
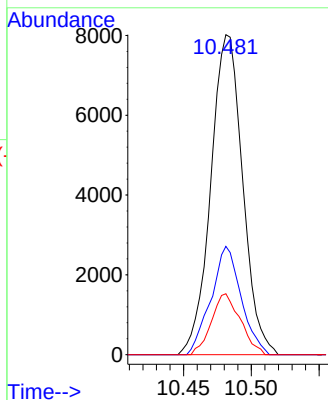
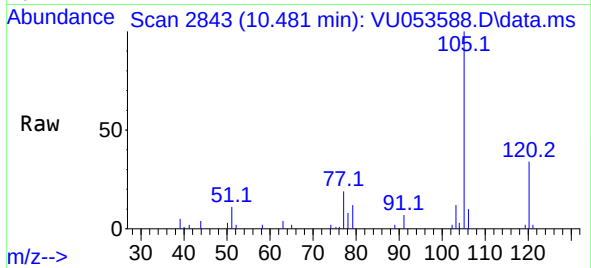




#61
Isopropylbenzene
Concen: 1.831 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

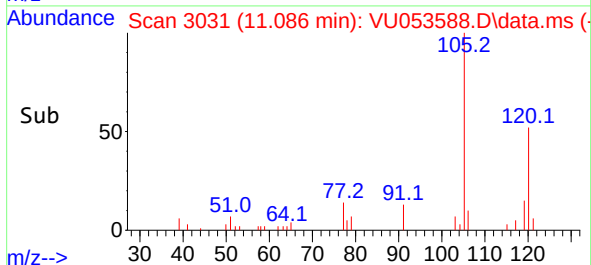
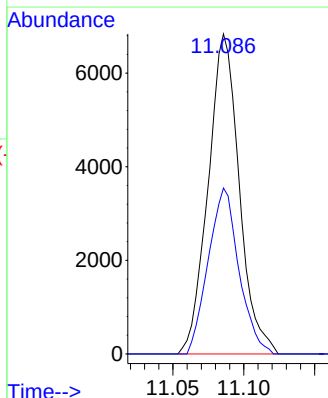
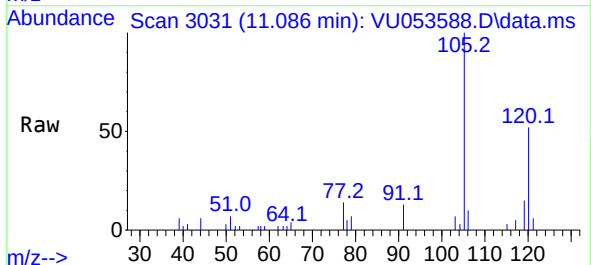
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-03

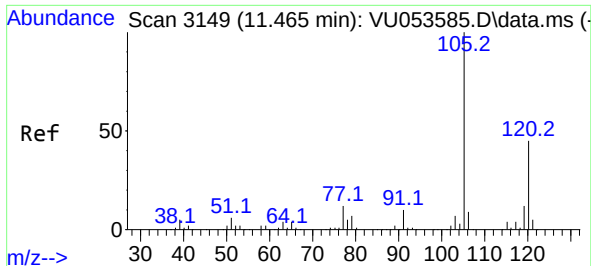
Tgt Ion:105 Resp: 13109
Ion Ratio Lower Upper
105 100
120 32.0 22.4 33.6
77 17.3 12.1 18.1



#62
1,3,5-Trimethylbenzene
Concen: 1.752 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion:105 Resp: 10425
Ion Ratio Lower Upper
105 100
120 51.1 39.5 59.3

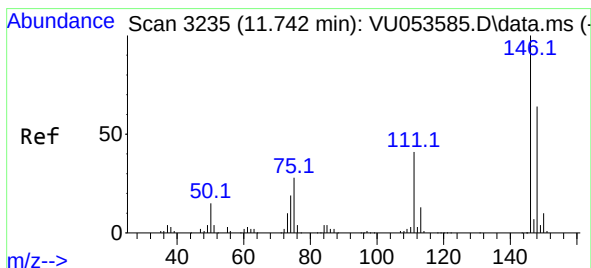
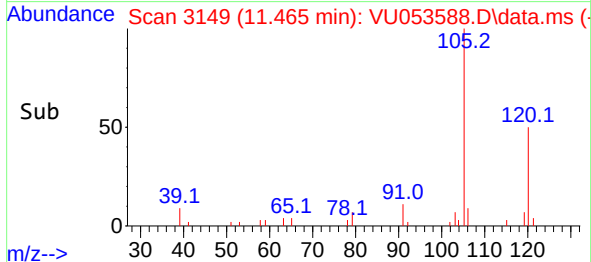
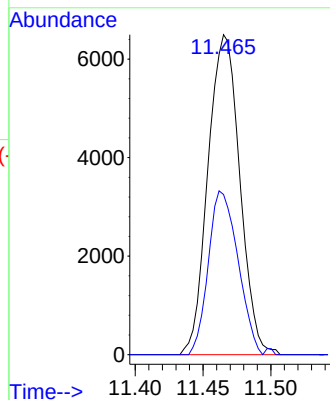
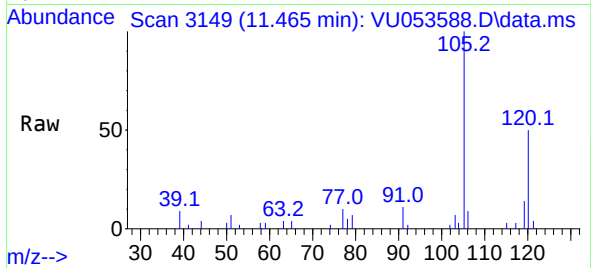




#63
1,2,4-Trimethylbenzene
Concen: 1.803 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

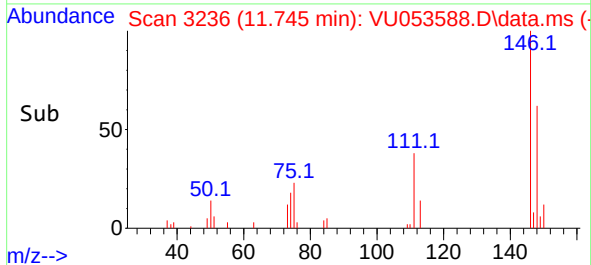
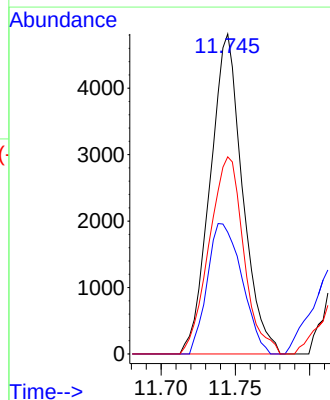
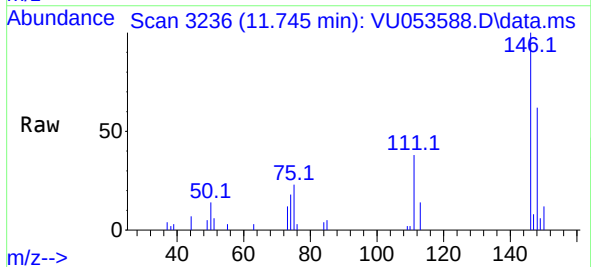
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

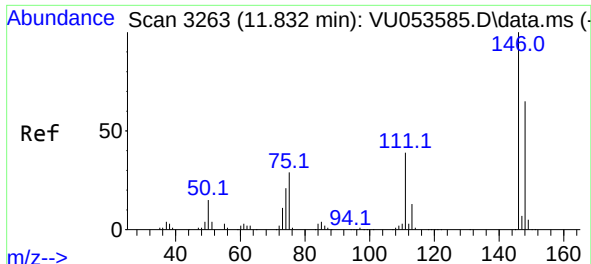
Tgt Ion:105 Resp: 10628
Ion Ratio Lower Upper
105 100
120 47.5 37.5 56.3



#64
1,3-Dichlorobenzene
Concen: 1.952 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion:146 Resp: 7299
Ion Ratio Lower Upper
146 100
111 38.0 25.7 47.7
148 61.6 44.2 82.2

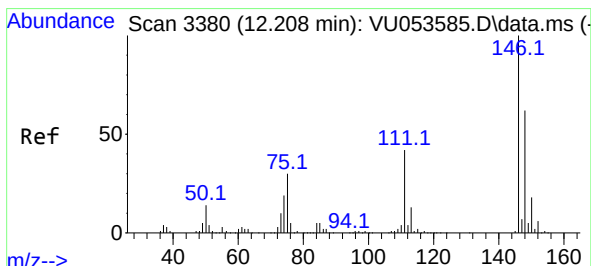
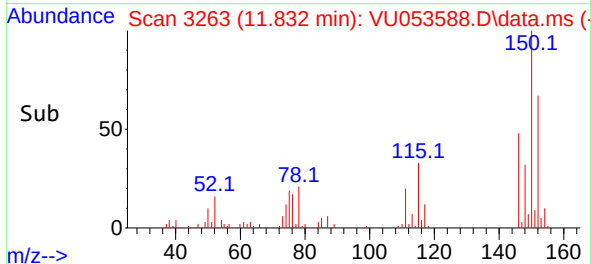
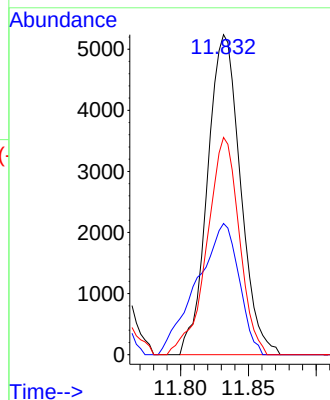
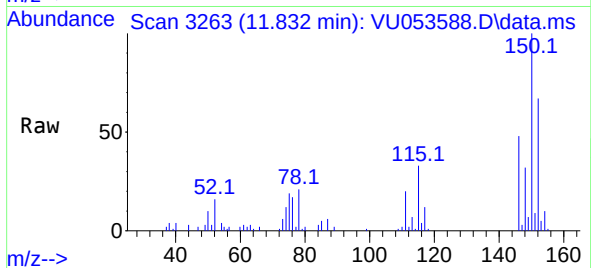




#65
1,4-Dichlorobenzene
Concen: 2.319 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

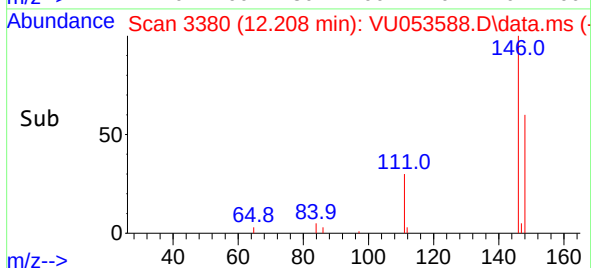
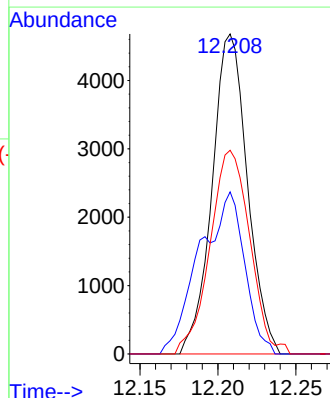
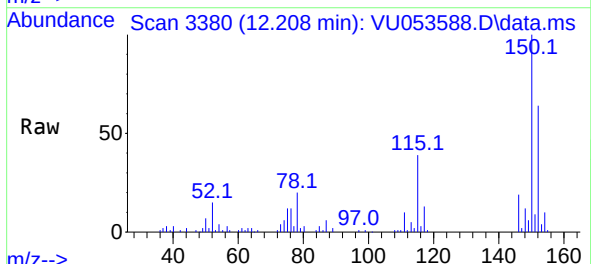
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

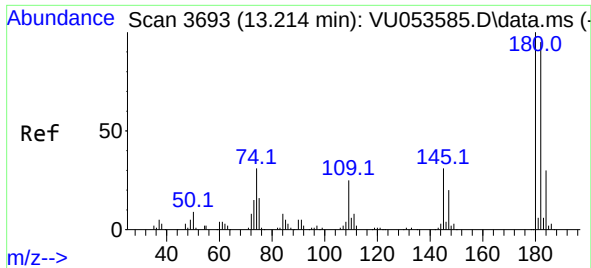
Tgt Ion:	146	Resp:	8838
Ion	Ratio	Lower	Upper
146	100		
111	41.0	25.1	46.5
148	67.9	44.3	82.3



#67
1,2-Dichlorobenzene
Concen: 1.980 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion:	146	Resp:	7381
Ion	Ratio	Lower	Upper
146	100		
111	50.7	31.5	47.3#
148	63.6	51.6	77.4

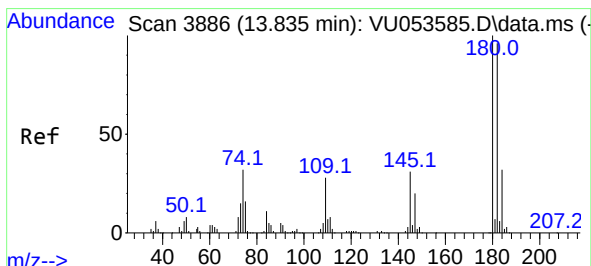
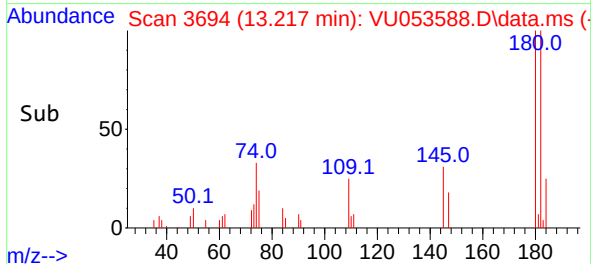
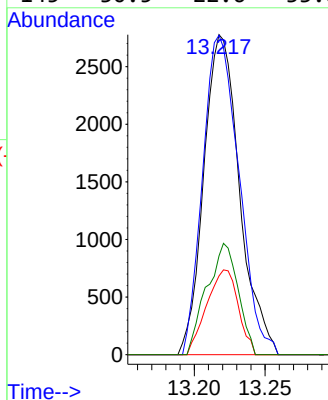
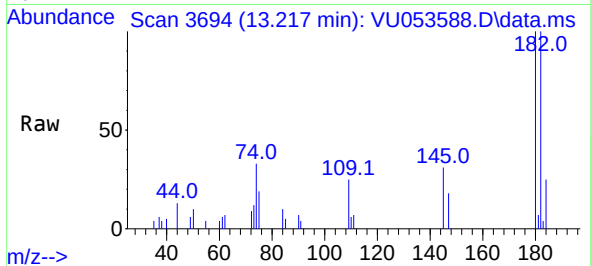




#69
1,3,5-Trichlorobenzene
Concen: 1.758 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

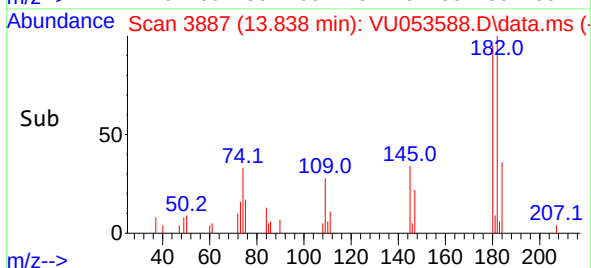
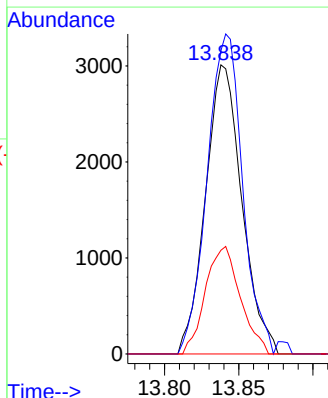
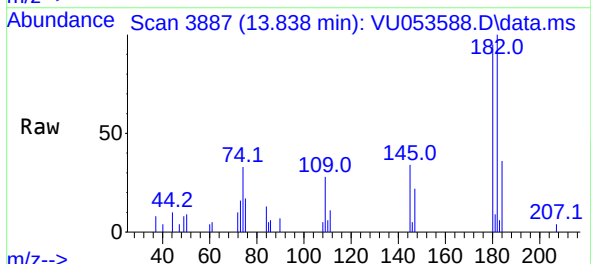
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

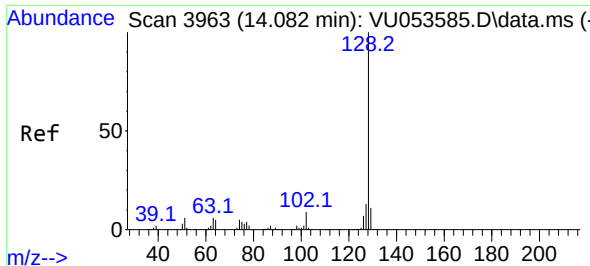
Tgt Ion:	180	Resp:	4869
Ion	Ratio	Lower	Upper
180	100		
182	101.0	75.6	113.4
184	23.4	24.2	36.2#
145	30.5	22.6	33.8



#70
1,2,4-trichlorobenzene
Concen: 1.999 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion:	180	Resp:	5133
Ion	Ratio	Lower	Upper
180	100		
182	107.8	75.8	113.8
145	35.7	23.4	35.2#

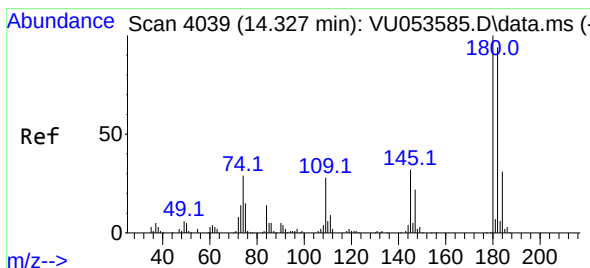
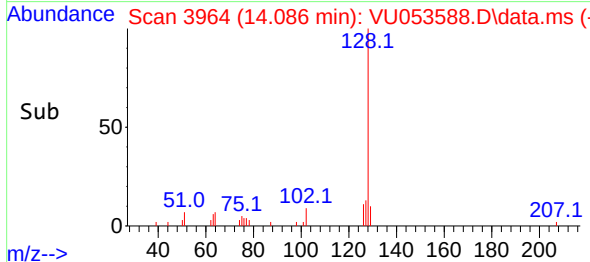
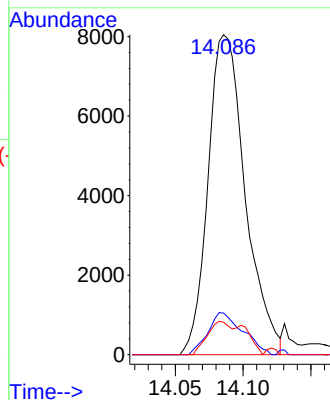
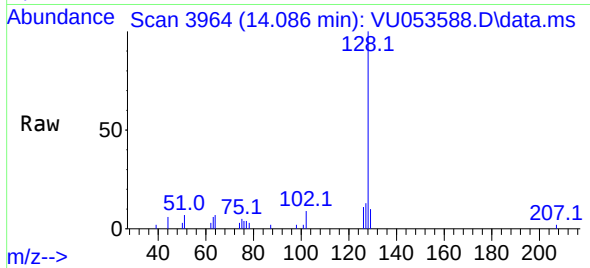




#71
Naphthalene
Concen: 1.997 ug/L
RT: 14.086 min Scan# 3963
Delta R.T. 0.006 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

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

Tgt Ion:	128	Resp:	15352
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	6.6	8.6	12.8#



#72
1,2,3-Trichlorobenzene
Concen: 1.863 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053588.D
Acq: 06 Apr 2023 12:27

Tgt Ion:	180	Resp:	4778
Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.0	115.6
145	14.3	25.4	38.0#

