

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052985.D
 Acq On : 06 Feb 2023 17:30
 Operator : JC/MD
 Sample : 01378-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-01

Quant Time: Feb 07 01:08:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	134215	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	137497	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62126	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32007	2.714	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.200%
7) Chloroethane-d5	1.912	69	36834	3.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.565	65	17225	3.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	4.642	46	124434	39.468	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.940%
24) Chloroform-d	5.060	84	98451	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.697	65	49598	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.722	84	176471	3.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.687	67	56910	3.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.600%
41) Toluene-d8	7.893	98	139113	3.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.176	79	20051	3.631	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.632	63	85454	37.248	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.500%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	51447	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	57337	5.070	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	2352	0.163	ug/L	97
3) Chloromethane	1.520	50	2596	0.148	ug/L	89
5) Vinyl chloride	1.604	62	2736	0.163	ug/L	98
6) Bromomethane	1.858	94	1786	0.205	ug/L	98
8) Chloroethane	1.935	64	1604	0.157	ug/L	98
9) Trichlorofluoromethane	2.137	101	3945	0.200	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	3004	0.259	ug/L #	84
12) 1,1-Dichloroethene	2.578	96	2557	0.220	ug/L #	1
14) Carbon disulfide	2.793	76	6083	0.151	ug/L #	95
17) Methyl tert-butyl Ether	3.362	73	4635	0.180	ug/L #	78
18) trans-1,2-Dichloroethene	3.353	96	2312	0.195	ug/L #	71
19) 1,1-Dichloroethane	3.864	63	4490	0.182	ug/L	91
22) cis-1,2-Dichloroethene	4.658	96	1265	0.099	ug/L	84
23) Bromochloromethane	4.970	128	1053	0.195	ug/L #	74
27) 1,2-Dichloroethane	5.790	62	2908	0.198	ug/L #	89
29) 1,1,1-Trichloroethane	5.311	97	3750	0.174	ug/L #	70
31) Carbon tetrachloride	5.520	117	2928	0.173	ug/L	88
33) Benzene	5.777	78	11266	0.207	ug/L	100
34) Trichloroethene	6.539	95	3679	0.286	ug/L	94

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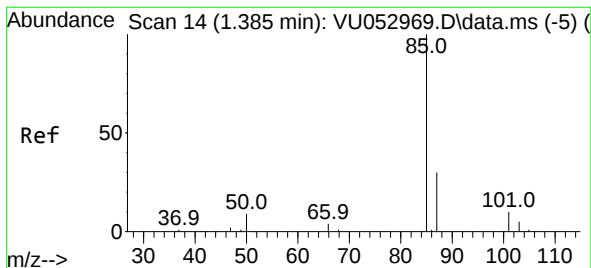
Instrument :
 MSVOA_U
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 MDL-WATER-QT1-2023-01

Quant Time: Feb 07 01:08:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

37) 1,2-Dichloropropane	6.790	63	2406	0.165	ug/L #	89
38) Bromodichloromethane	7.105	83	3173	0.185	ug/L #	90
39) cis-1,3-Dichloropropene	7.607	75	3058	0.165	ug/L	99
42) Toluene	7.967	91	9388	0.173	ug/L	94
44) trans-1,3-Dichloropropene	8.211	75	2660	0.166	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	1876	0.204	ug/L	82
47) Tetrachloroethene	8.549	164	2871	0.303	ug/L	87
48) 2-Hexanone	8.684	43	16148	2.640	ug/L	93
49) Dibromochloromethane	8.806	129	2146	0.202	ug/L	95
50) 1,2-Dibromoethane	8.922	107	1595	0.189	ug/L #	86
51) Chlorobenzene	9.443	112	7065	0.209	ug/L	92
52) Ethylbenzene	9.568	91	8750	0.158	ug/L	87
53) m,p-Xylene	9.693	106	3202	0.153	ug/L	85
54) o-Xylene	10.099	106	3252	0.163	ug/L	75
57) 1,1,2,2-Tetrachloroethane	10.777	83	2402	0.200	ug/L #	93
59) Bromoform	10.288	173	1242	0.257	ug/L #	76
60) Isopropylbenzene	10.481	105	7590	0.172	ug/L	97
61) 1,2,3-Trichloropropane	10.819	75	1703	0.236	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	5883	0.168	ug/L	94
63) 1,2,4-Trimethylbenzene	11.465	105	5446	0.154	ug/L	93
64) 1,3-Dichlorobenzene	11.745	146	4529	0.216	ug/L	93
65) 1,4-Dichlorobenzene	11.832	146	5425	0.254	ug/L	89
67) 1,2-Dichlorobenzene	12.208	146	5008	0.254	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	3692	0.237	ug/L	99

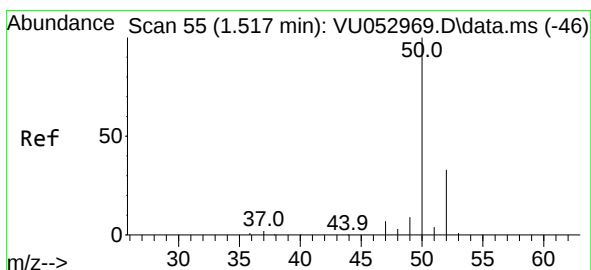
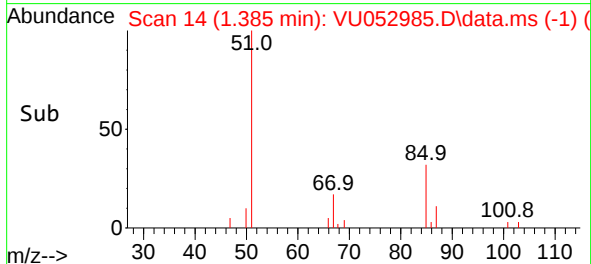
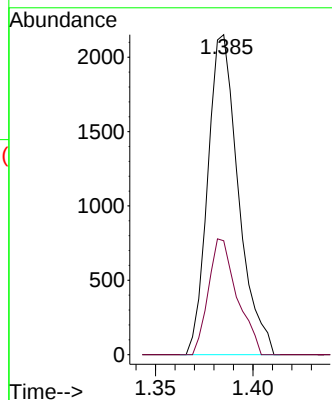
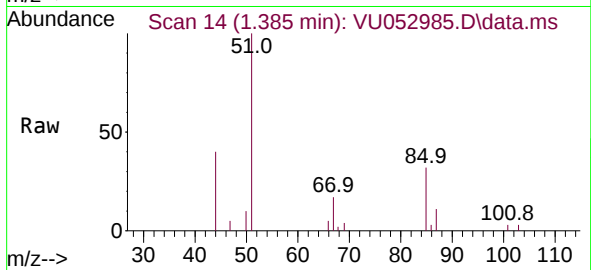
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#2
Dichlorodifluoromethane
Concen: 0.163 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

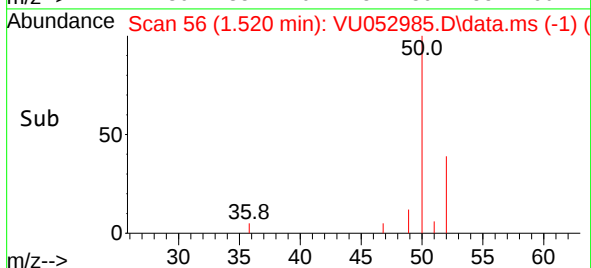
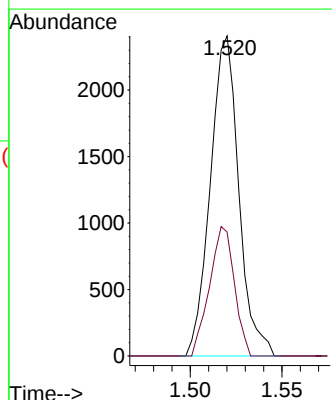
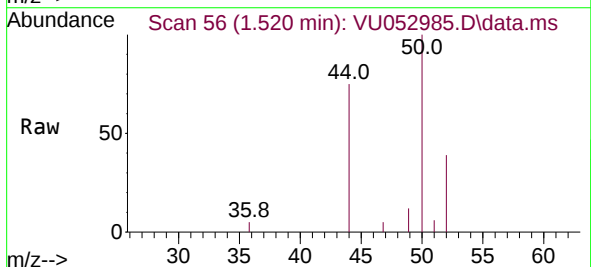
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

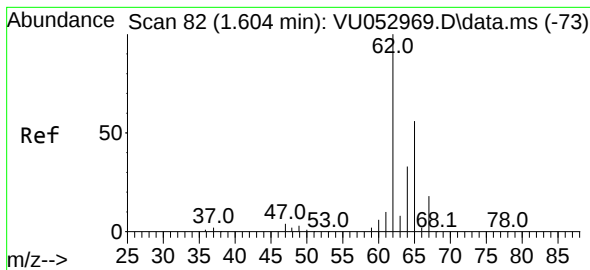
Tgt Ion: 85 Resp: 2352
Ion Ratio Lower Upper
85 100
87 33.8 25.5 38.3



#3
Chloromethane
Concen: 0.148 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.003 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Tgt Ion: 50 Resp: 2596
Ion Ratio Lower Upper
50 100
52 38.7 22.7 42.3





#5

Vinyl chloride

Concen: 0.163 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

Instrument :

MSVOA_U

ClientSampleId :

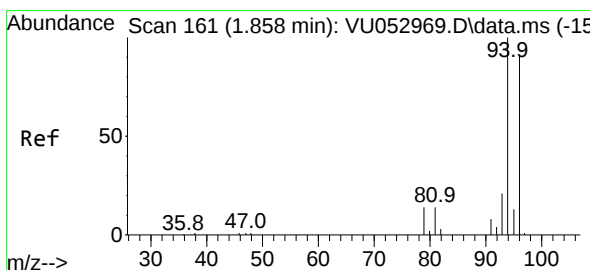
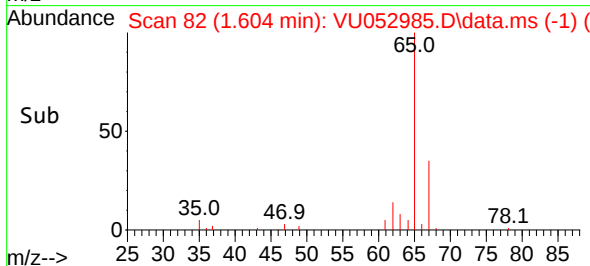
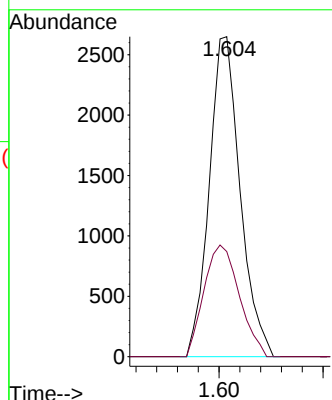
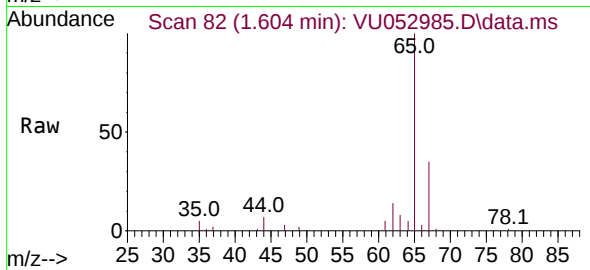
MDL-WATER-QT1-2023-01

Tgt Ion: 62 Resp: 2736

Ion Ratio Lower Upper

62 100

64 32.8 22.3 41.3



#6

Bromomethane

Concen: 0.205 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.000 min

Lab File: VU052985.D

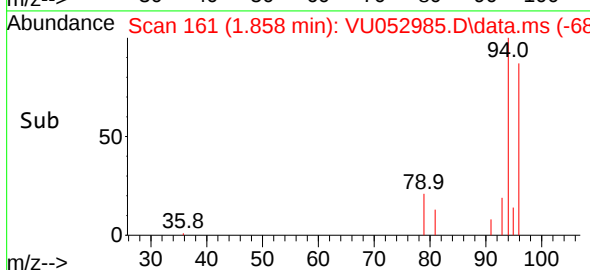
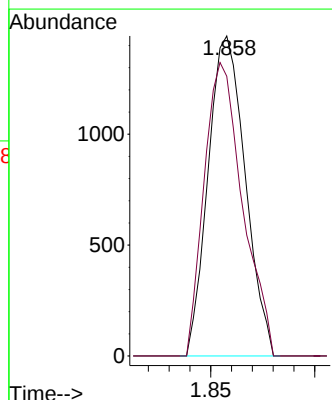
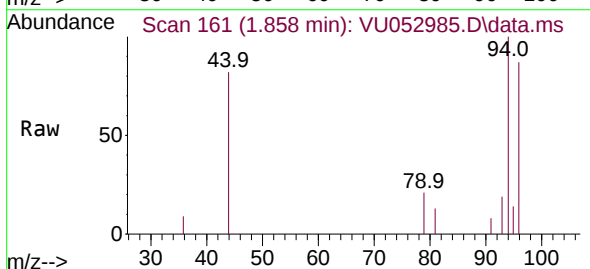
Acq: 06 Feb 2023 17:30

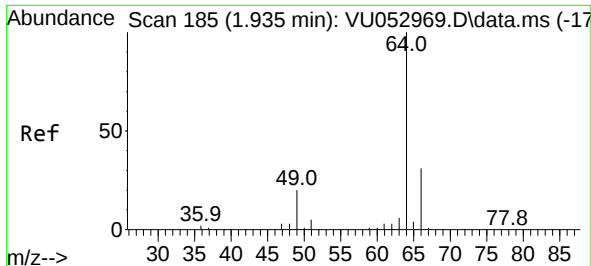
Tgt Ion: 94 Resp: 1786

Ion Ratio Lower Upper

94 100

96 87.4 62.2 115.6

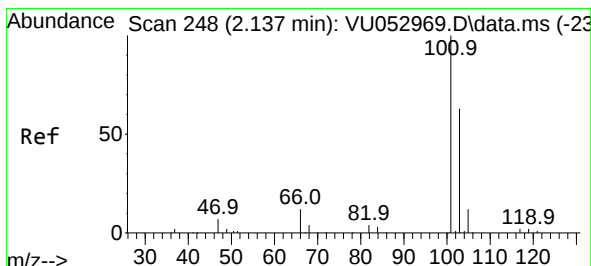
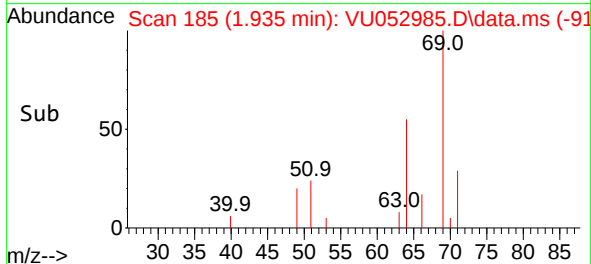
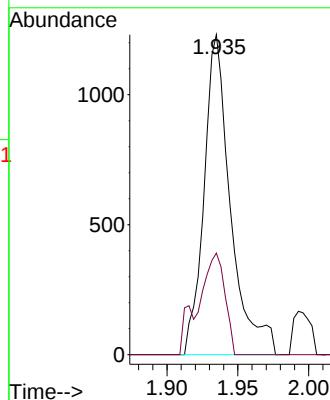
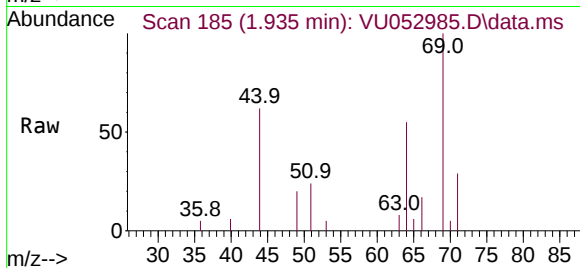




#8
Chloroethane
Concen: 0.157 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

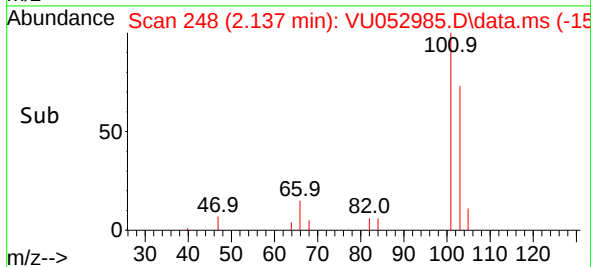
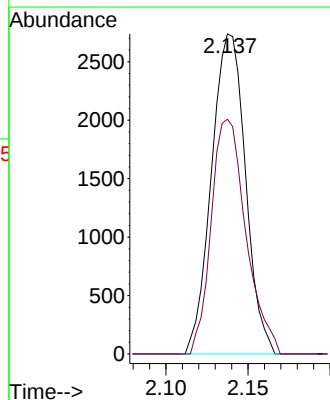
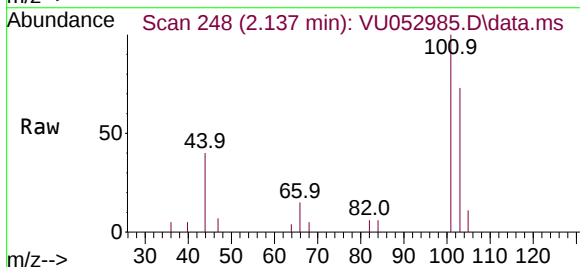
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

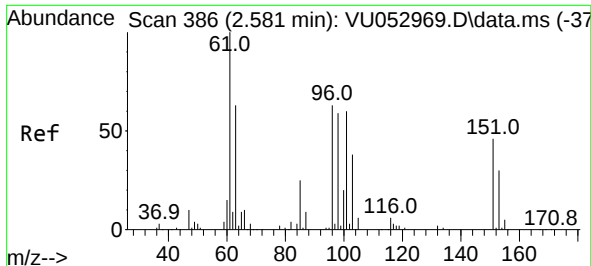
Tgt Ion: 64 Resp: 1604
Ion Ratio Lower Upper
64 100
66 31.8 21.6 40.2



#9
Trichlorofluoromethane
Concen: 0.200 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Tgt Ion:101 Resp: 3945
Ion Ratio Lower Upper
101 100
103 74.8 51.0 76.6





#10

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

Concen: 0.259 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

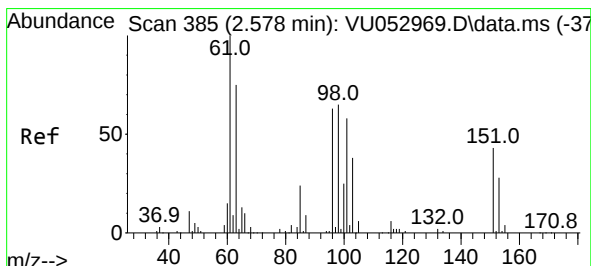
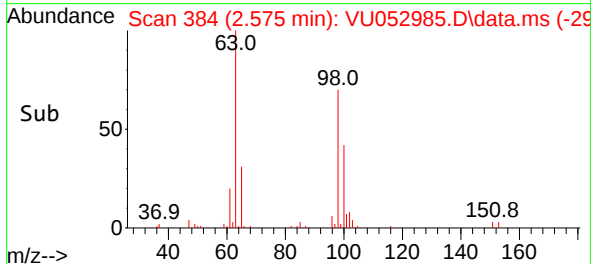
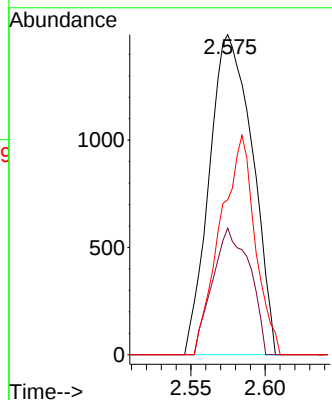
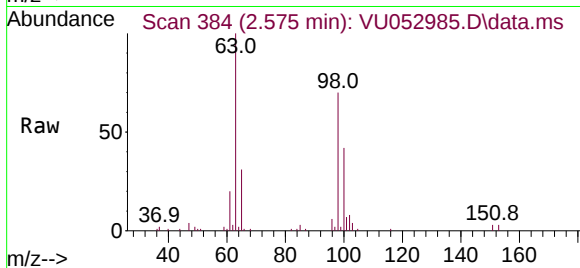
Tgt Ion:101 Resp: 3004

Ion Ratio Lower Upper

101 100

85 34.2 35.0 52.6#

151 55.5 55.0 82.6



#12

1,1-Dichloroethene

Concen: 0.220 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

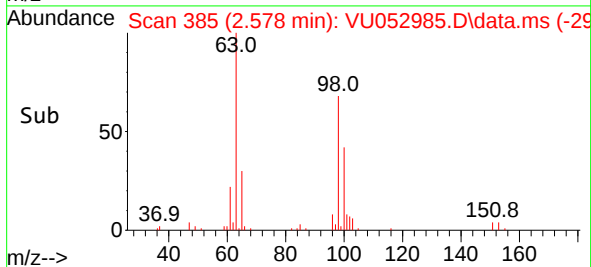
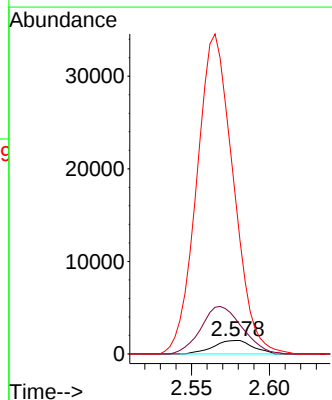
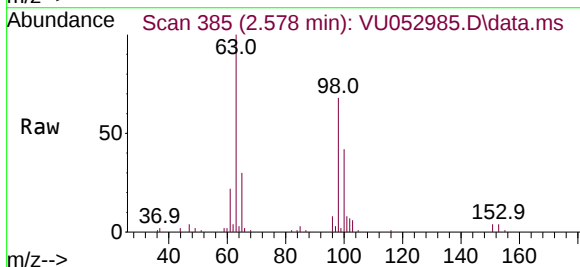
Tgt Ion: 96 Resp: 2557

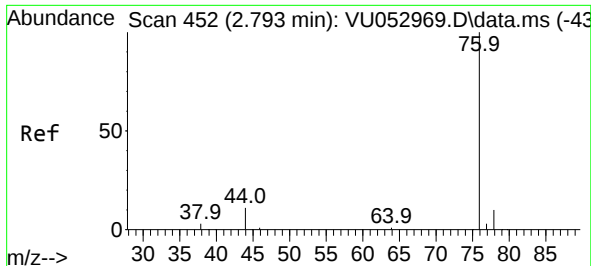
Ion Ratio Lower Upper

96 100

61 264.1 129.6 240.8#

63 1184.1 83.7 155.5#





#14

Carbon disulfide

Concen: 0.151 ug/L

RT: 2.793 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

Instrument :

MSVOA_U

ClientSampleId :

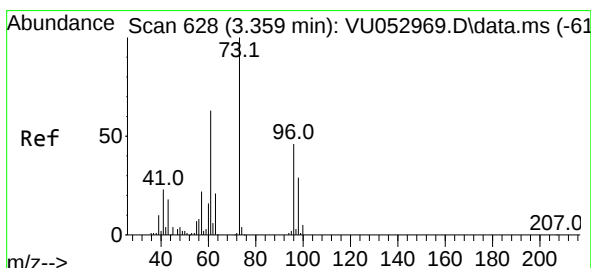
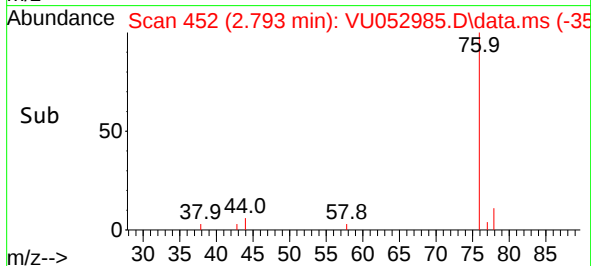
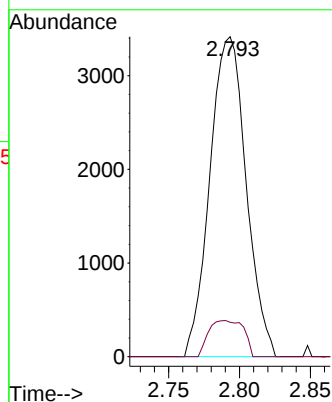
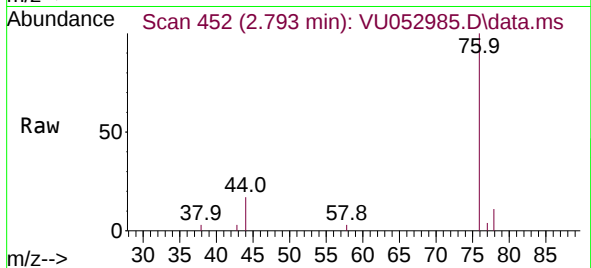
MDL-WATER-QT1-2023-01

Tgt Ion: 76 Resp: 6083

Ion Ratio Lower Upper

76 100

78 10.8 7.0 10.6#



#17

Methyl tert-butyl Ether

Concen: 0.180 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.006 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

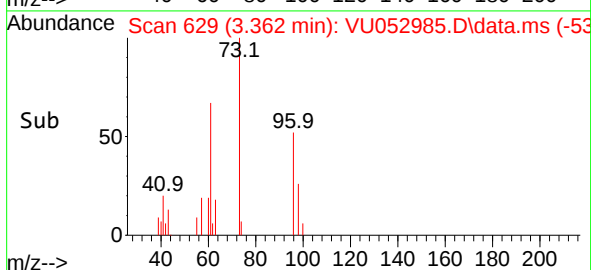
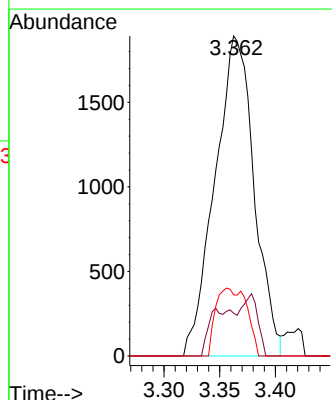
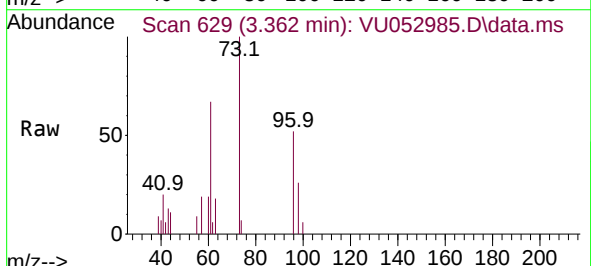
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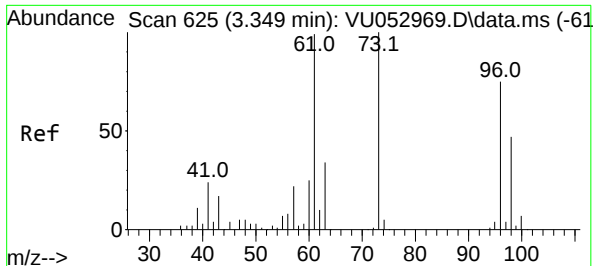
Ion Ratio Lower Upper

73 100

43 5.5 15.8 23.8#

57 16.7 18.6 28.0#





#18

trans-1,2-Dichloroethene

Concen: 0.195 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

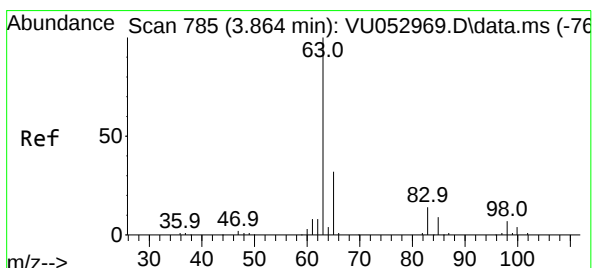
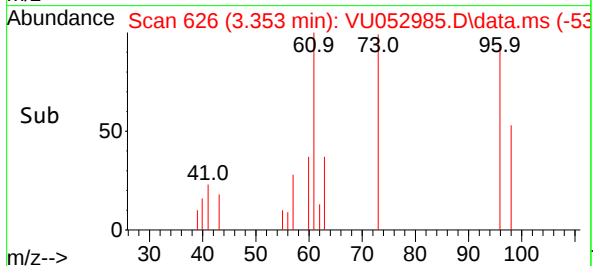
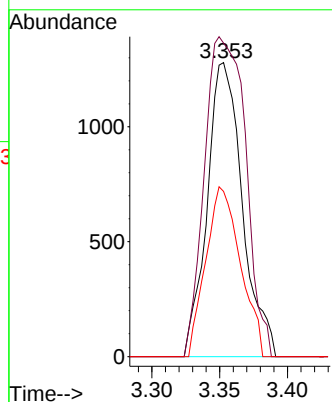
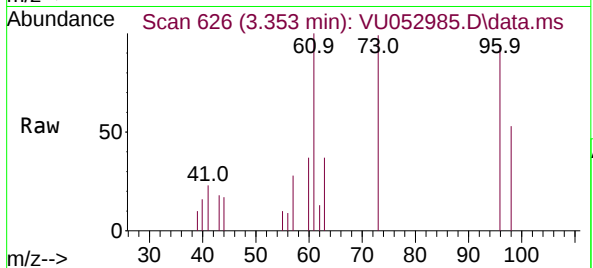
Tgt Ion: 96 Resp: 2312

Ion Ratio Lower Upper

96 100

61 106.6 108.4 201.4#

98 56.2 43.8 81.4



#19

1,1-Dichloroethane

Concen: 0.182 ug/L

RT: 3.864 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

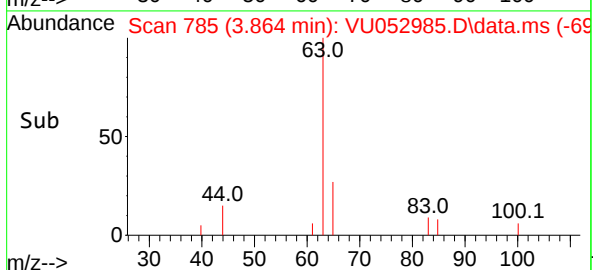
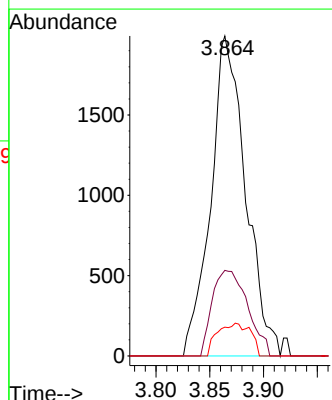
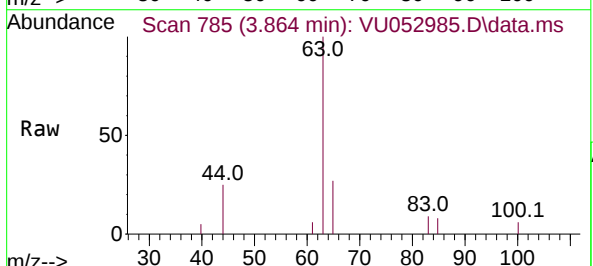
Tgt Ion: 63 Resp: 4490

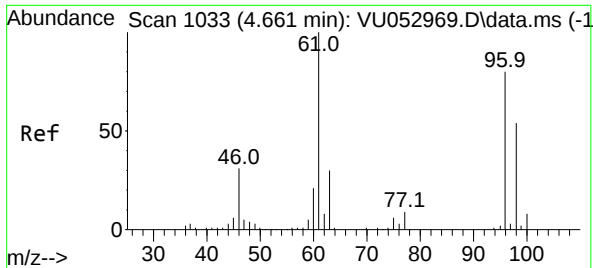
Ion Ratio Lower Upper

63 100

65 26.8 22.0 41.0

83 9.0 8.9 16.5

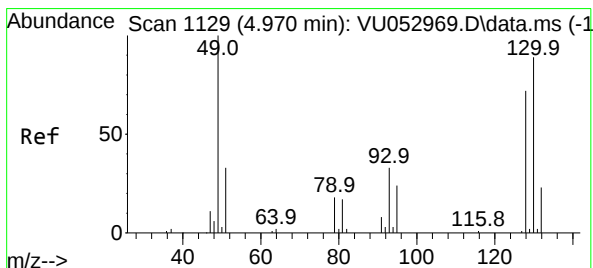
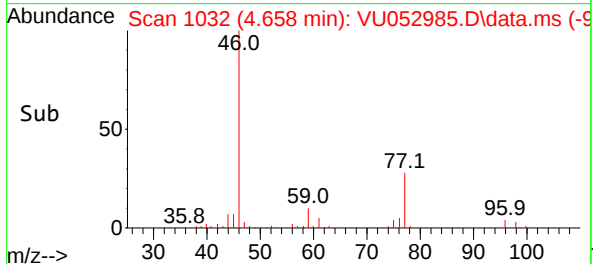
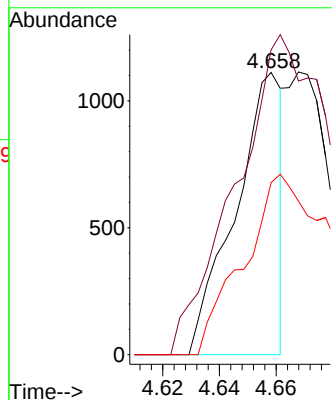
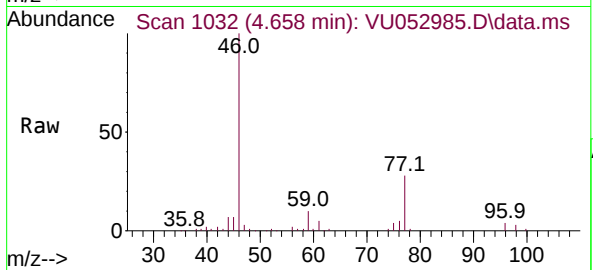




#22
 cis-1,2-Dichloroethene
 Concen: 0.099 ug/L
 RT: 4.658 min Scan# 1032
 Delta R.T. -0.003 min
 Lab File: VU052985.D
 Acq: 06 Feb 2023 17:30

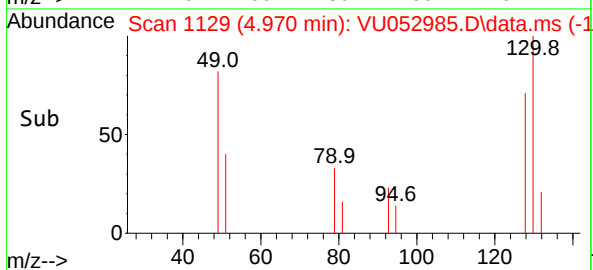
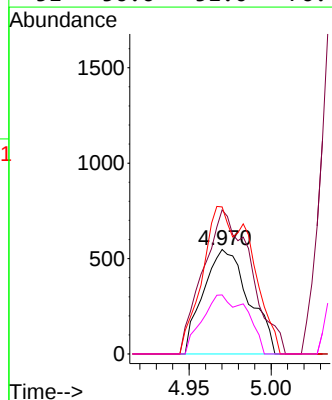
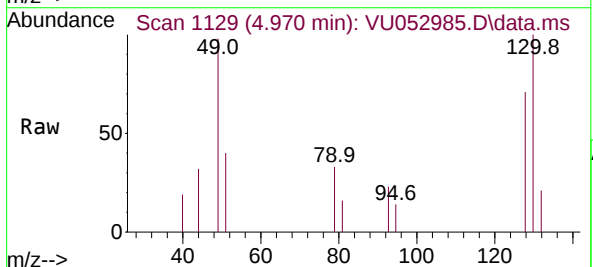
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-01

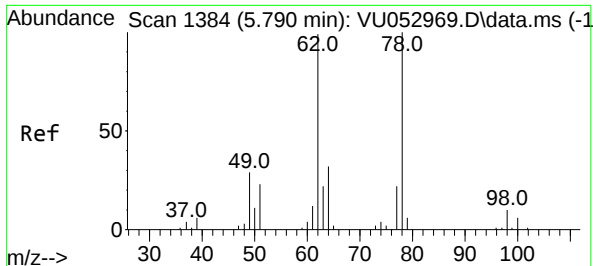
Tgt Ion: 96	Resp:	1265	
Ion	Ratio	Lower	Upper
96	100		
61	108.0	94.6	175.8
98	61.0	43.3	80.3



#23
 Bromochloromethane
 Concen: 0.195 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VU052985.D
 Acq: 06 Feb 2023 17:30

Tgt	Ion:128	Resp:	1053
Ion	Ratio	Lower	Upper
128	100		
49	137.8	142.8	265.2#
130	140.7	91.3	169.5
51	56.6	51.0	76.4

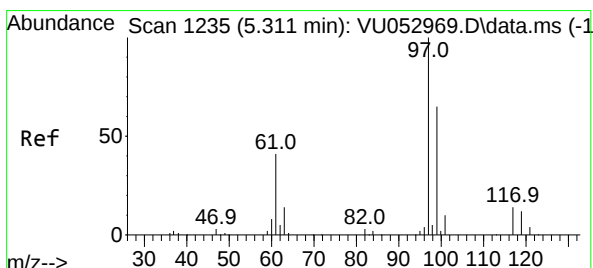
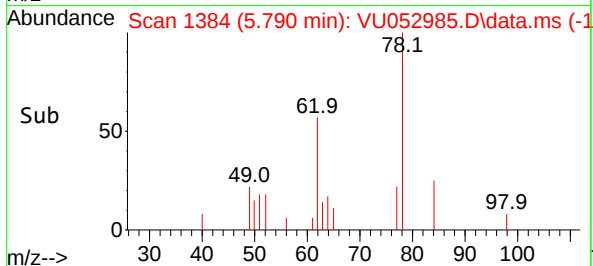
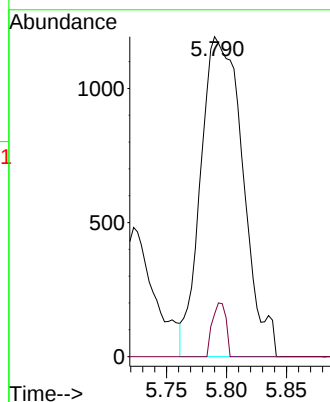
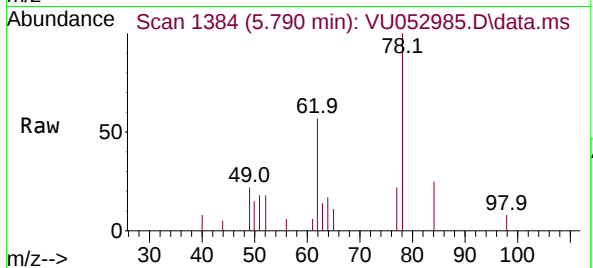




#27
1,2-Dichloroethane
Concen: 0.198 ug/L
RT: 5.790 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

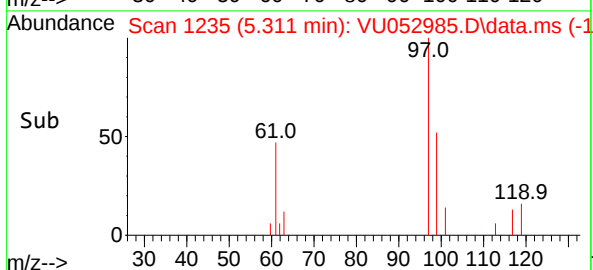
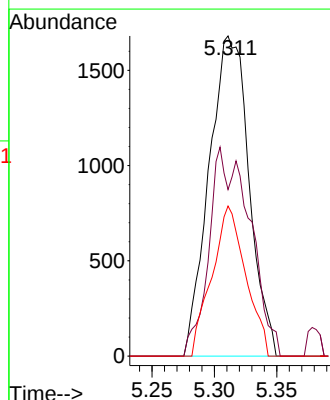
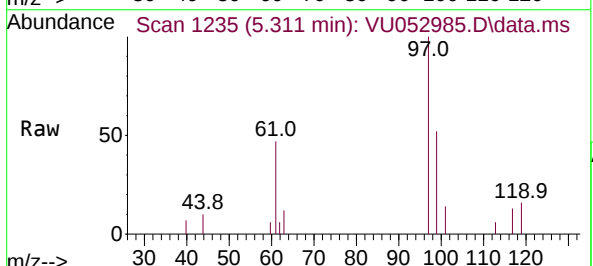
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

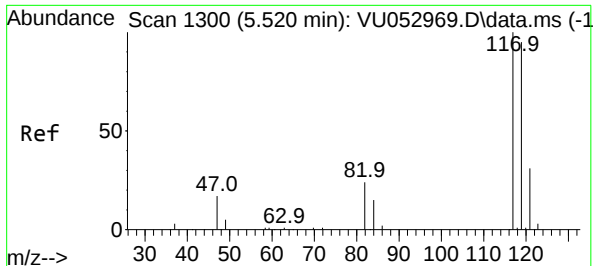
Tgt Ion: 62 Resp: 2908
Ion Ratio Lower Upper
62 100
98 13.3 7.5 11.3#



#29
1,1,1-Trichloroethane
Concen: 0.174 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Tgt Ion: 97 Resp: 3750
Ion Ratio Lower Upper
97 100
99 31.6 52.4 78.6#
61 39.7 38.5 57.7

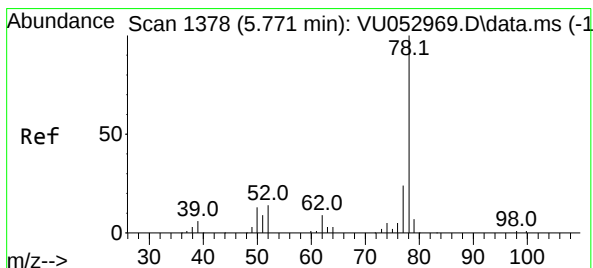
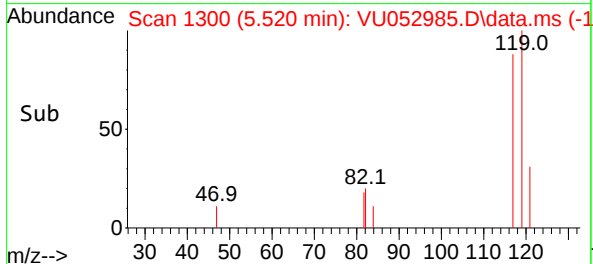
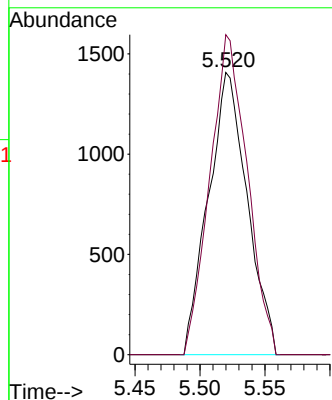
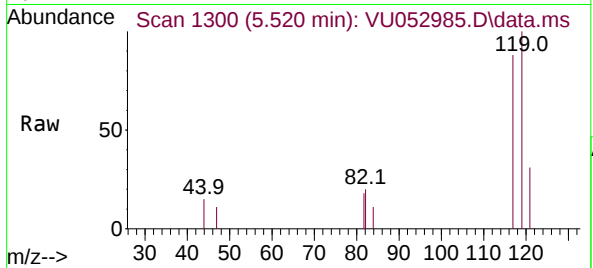




#31
Carbon tetrachloride
Concen: 0.173 ug/L
RT: 5.520 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

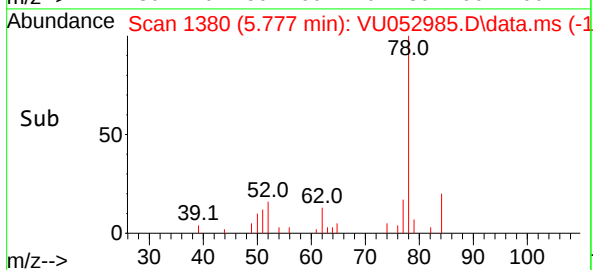
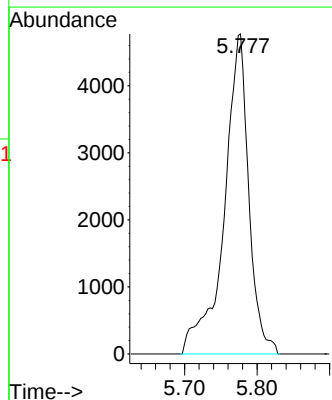
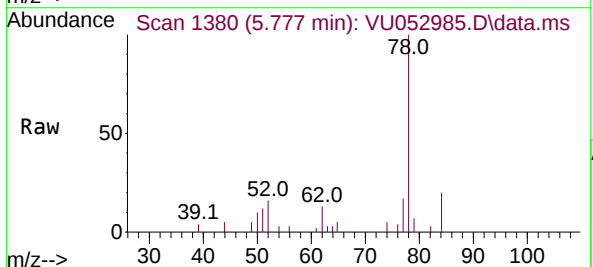
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

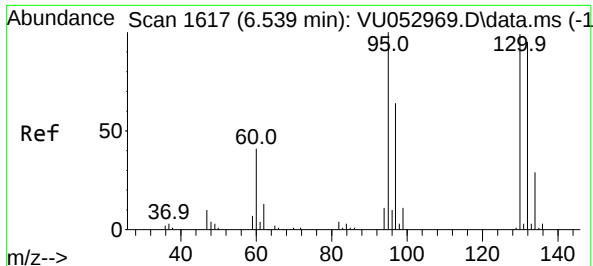
Tgt Ion:117 Resp: 2928
Ion Ratio Lower Upper
117 100
119 108.7 77.8 116.8



#33
Benzene
Concen: 0.207 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.006 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Tgt Ion: 78 Resp: 11266



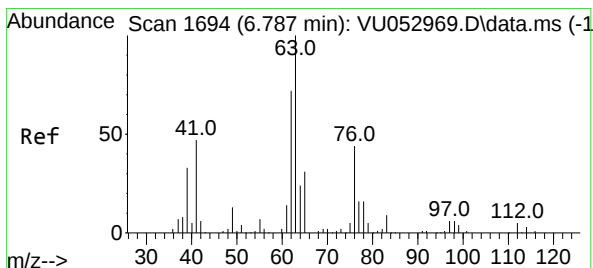
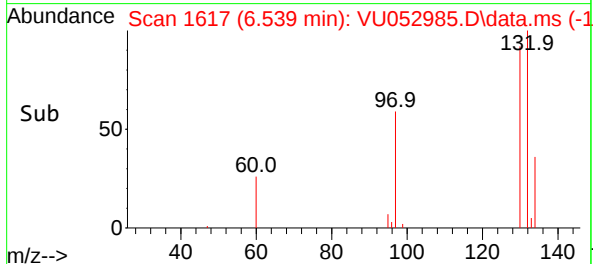
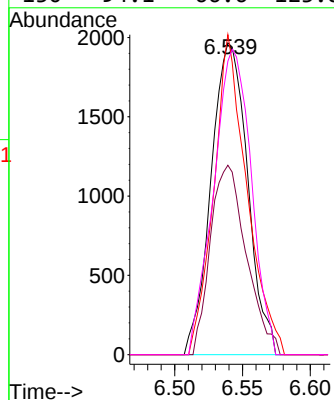
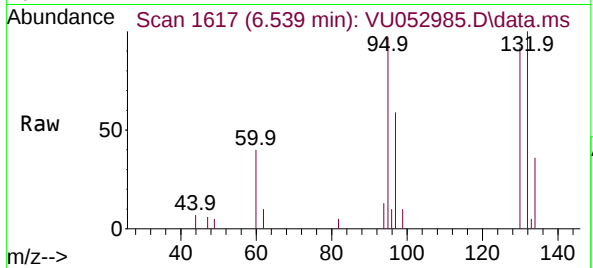


#34
Trichloroethene
Concen: 0.286 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion: 95 Resp: 3679

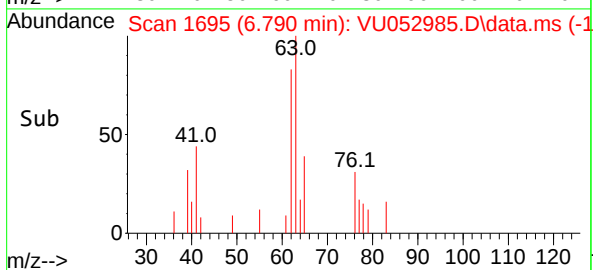
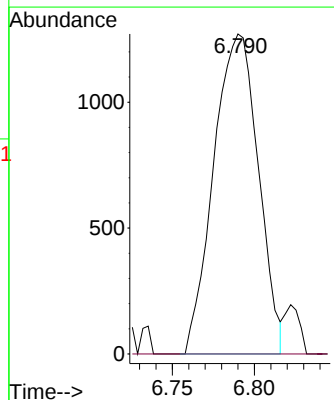
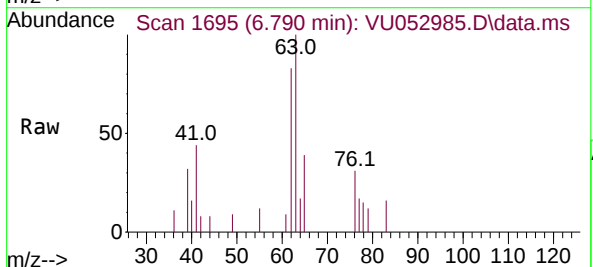
Ion	Ratio	Lower	Upper
95	100		
97	60.8	46.0	85.4
132	102.6	64.0	118.8
130	94.1	66.6	123.8

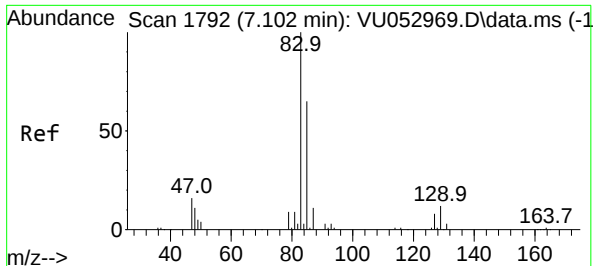


#37
1,2-Dichloropropane
Concen: 0.165 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.003 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Tgt Ion: 63 Resp: 2406

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

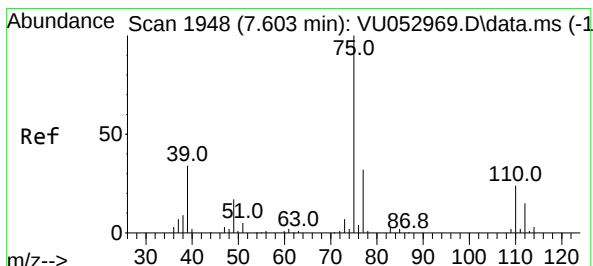
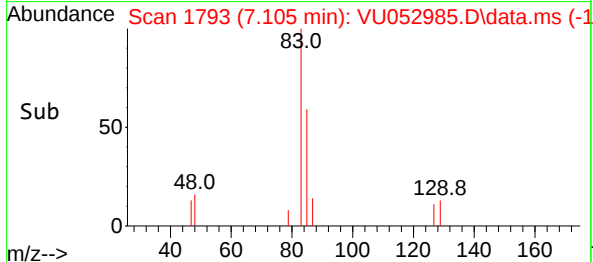
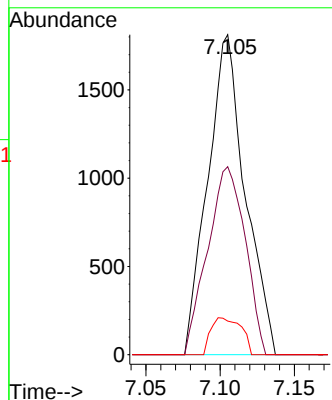
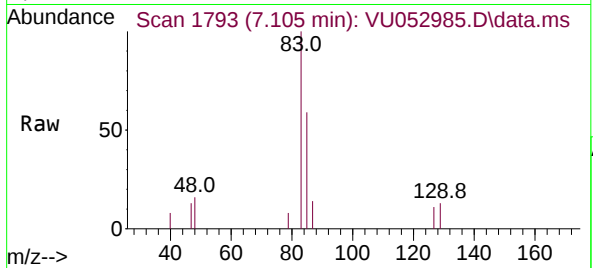




#38
Bromodichloromethane
Concen: 0.185 ug/L
RT: 7.105 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

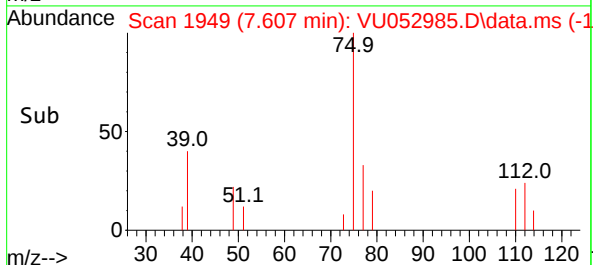
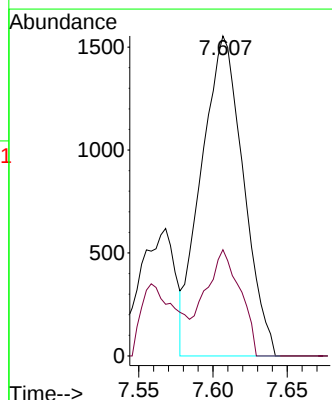
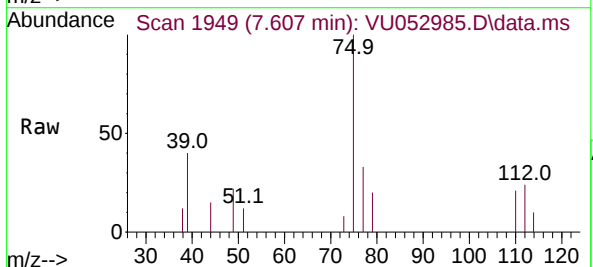
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

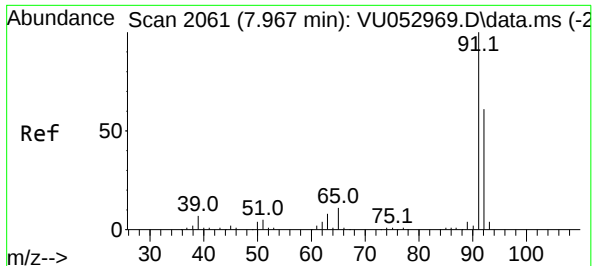
Tgt Ion: 83 Resp: 3173
Ion Ratio Lower Upper
83 100
85 58.7 47.0 87.4
127 10.5 6.9 10.3#



#39
cis-1,3-Dichloropropene
Concen: 0.165 ug/L
RT: 7.607 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Tgt Ion: 75 Resp: 3058
Ion Ratio Lower Upper
75 100
77 33.2 22.9 42.5





#42

Toluene

Concen: 0.173 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

Instrument :

MSVOA_U

ClientSampleId :

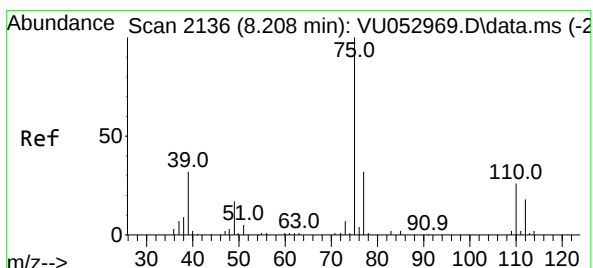
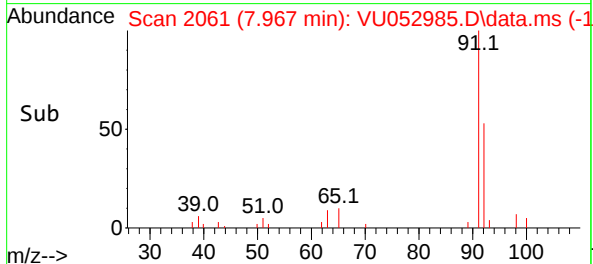
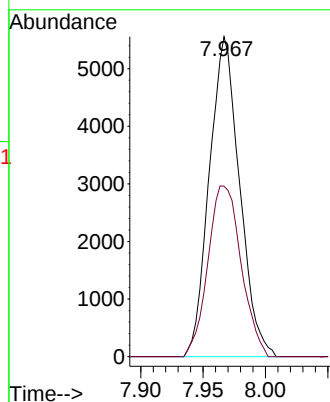
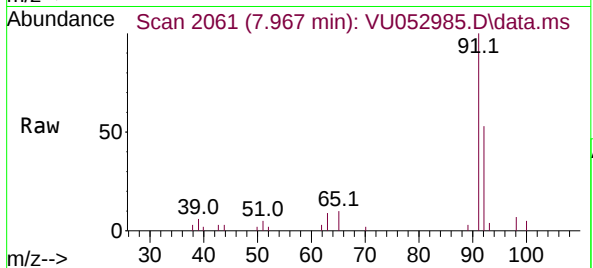
MDL-WATER-QT1-2023-01

Tgt Ion: 91 Resp: 9388

Ion Ratio Lower Upper

91 100

92 53.3 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 0.166 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VU052985.D

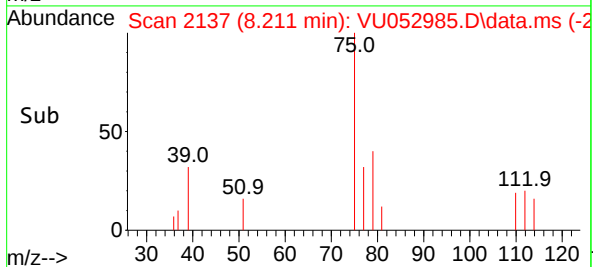
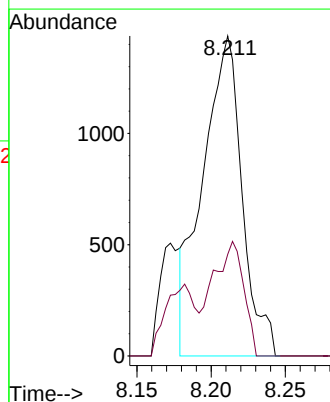
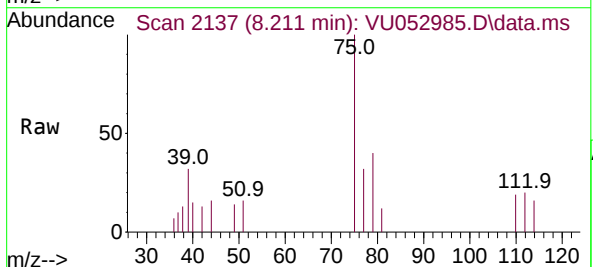
Acq: 06 Feb 2023 17:30

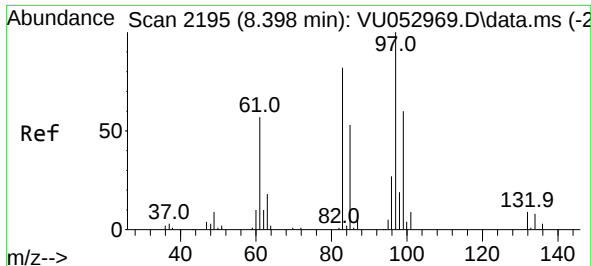
Tgt Ion: 75 Resp: 2660

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.5



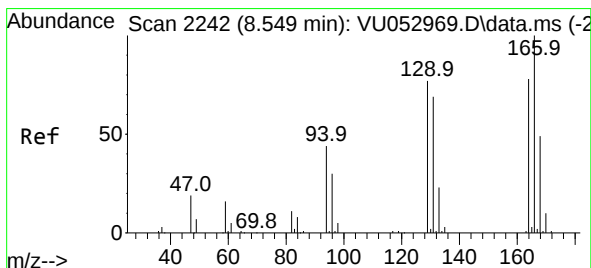
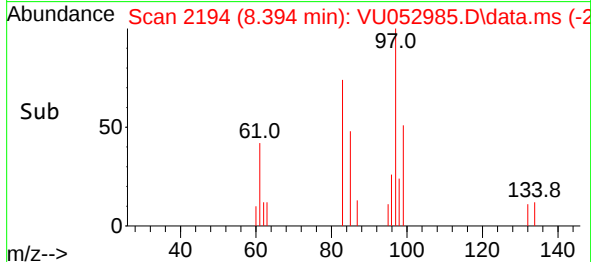
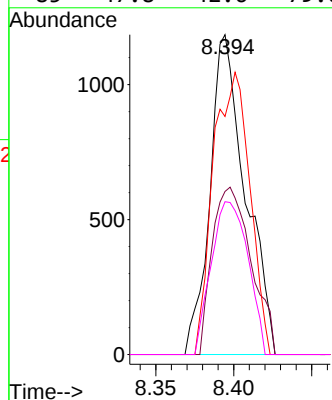
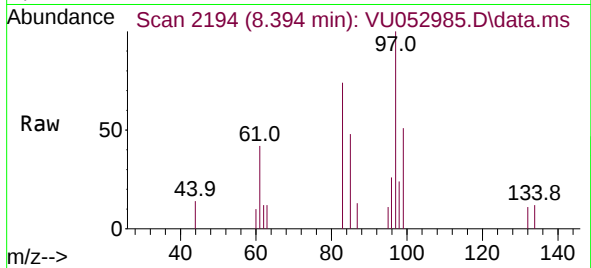


#45
1,1,2-Trichloroethane
Concen: 0.204 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion: 97 Resp: 1876

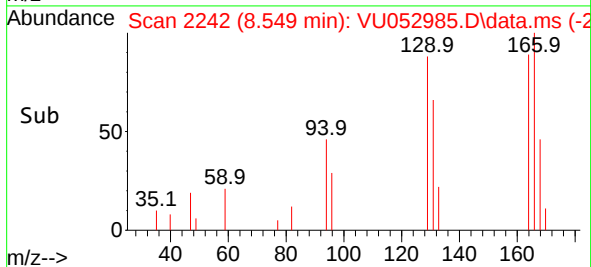
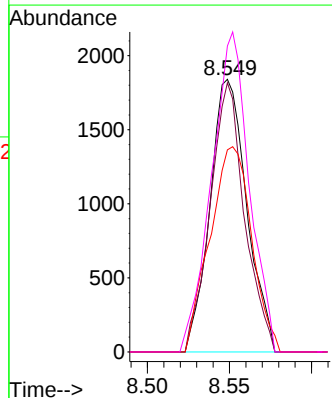
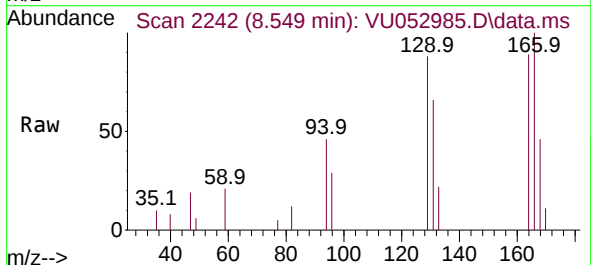
Ion	Ratio	Lower	Upper
97	100		
99	51.0	44.8	83.2
83	74.4	65.3	121.3
85	47.8	42.6	79.0

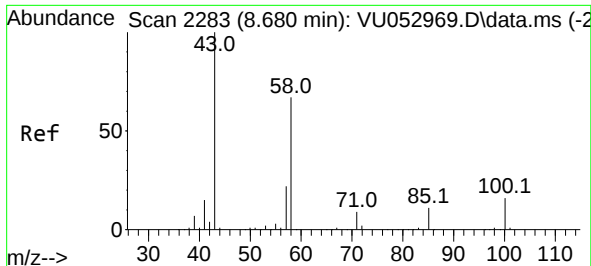


#47
Tetrachloroethene
Concen: 0.303 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Tgt Ion: 164 Resp: 2871

Ion	Ratio	Lower	Upper
164	100		
129	98.8	71.8	133.4
131	74.1	66.6	123.6
166	112.2	89.9	167.0

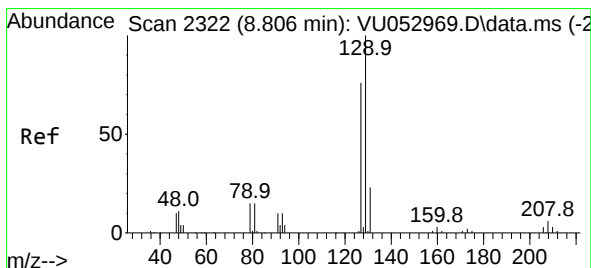
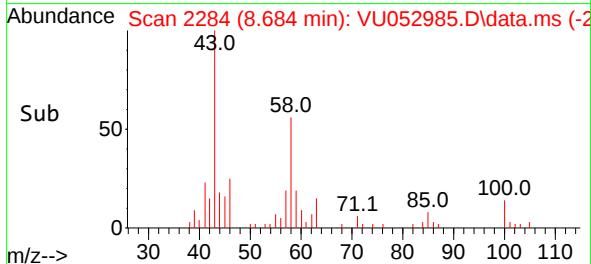
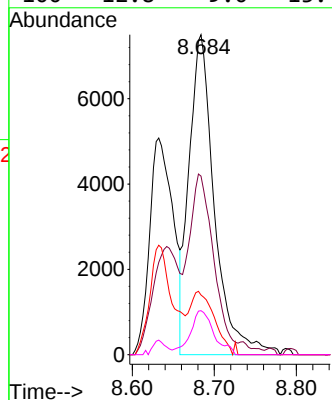
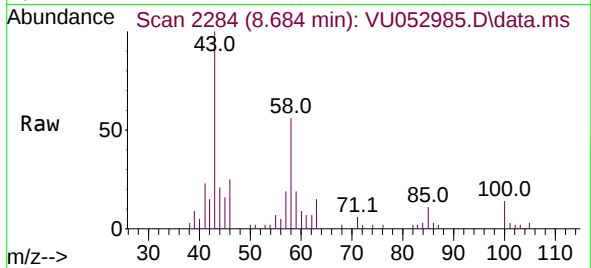




#48
2-Hexanone
Concen: 2.640 ug/L
RT: 8.684 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

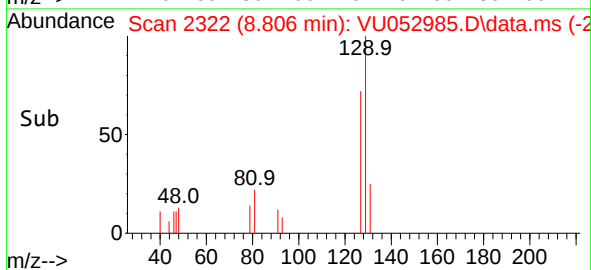
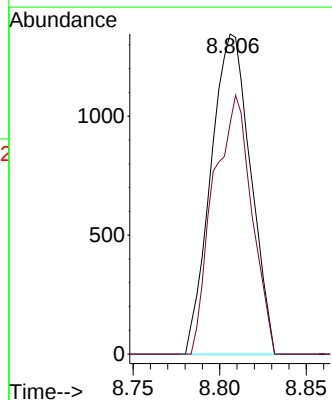
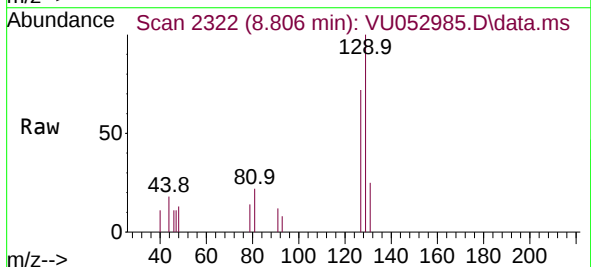
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

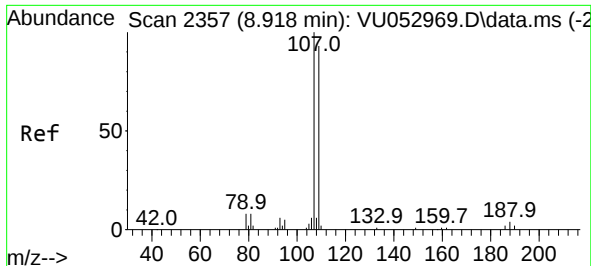
Tgt Ion:	43	Resp:	16148
Ion	Ratio	Lower	Upper
43	100		
58	49.2	45.1	67.7
57	18.9	15.1	22.7
100	12.8	9.0	13.4



#49
Dibromochloromethane
Concen: 0.202 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Tgt Ion:	129	Resp:	2146
Ion	Ratio	Lower	Upper
129	100		
127	72.0	53.5	99.5





#50

1,2-Dibromoethane

Concen: 0.189 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

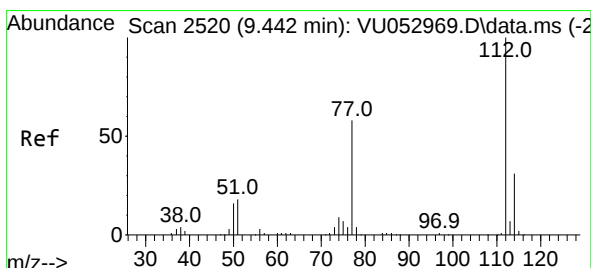
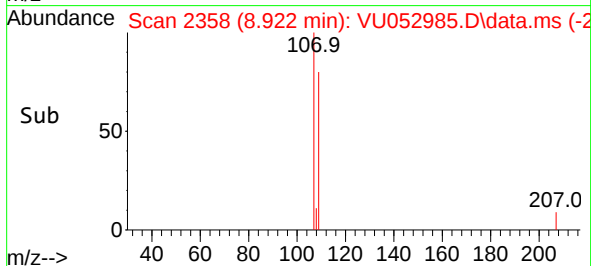
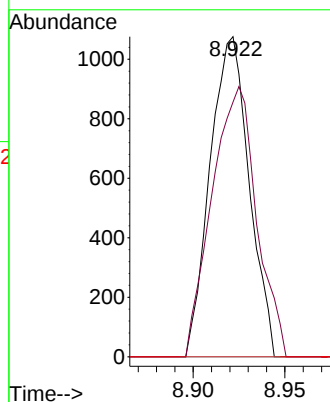
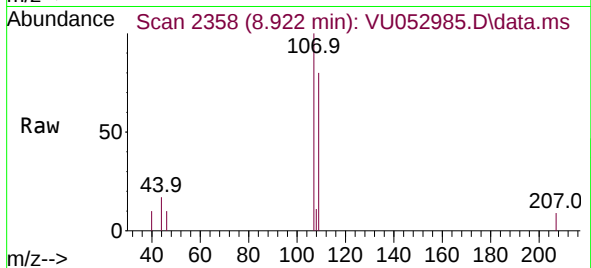
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

Tgt Ion:107	Resp:	1595
Ion Ratio	Lower	Upper
107	100	
109	79.6	65.3 121.3
188	0.0	2.4 3.6#



#51

Chlorobenzene

Concen: 0.209 ug/L

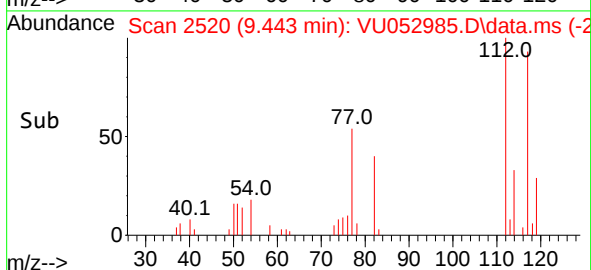
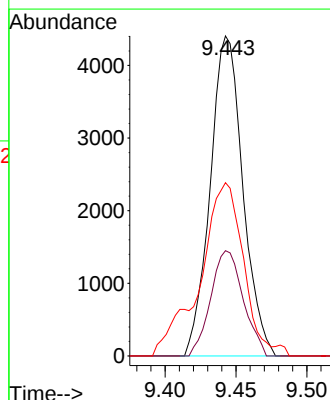
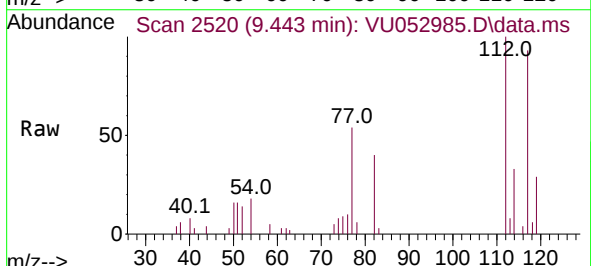
RT: 9.443 min Scan# 2520

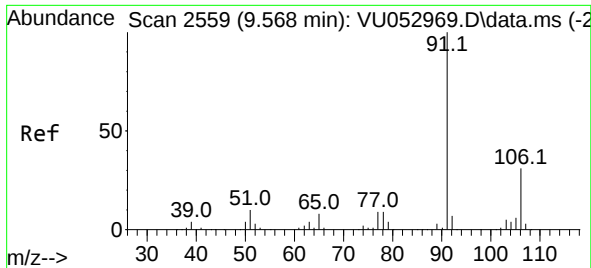
Delta R.T. -0.000 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

Tgt Ion:112	Resp:	7065
Ion Ratio	Lower	Upper
112	100	
114	32.9	22.8 42.4
77	54.1	50.2 75.4

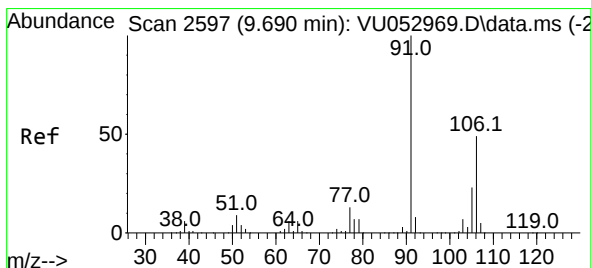
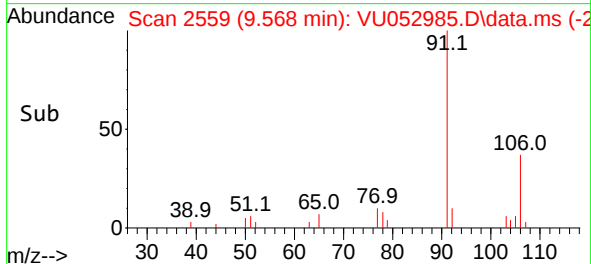
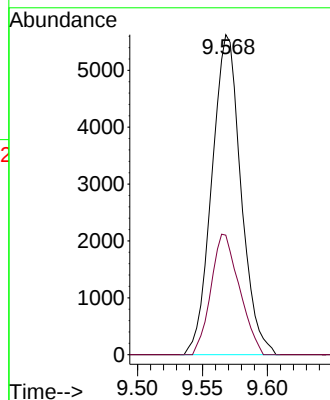
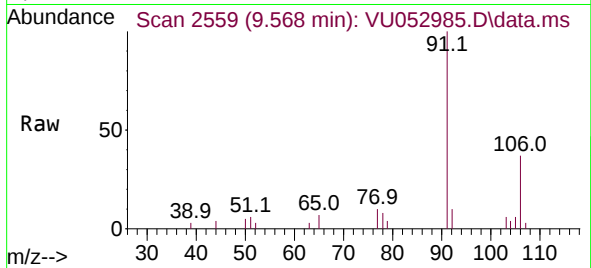




#52
Ethylbenzene
Concen: 0.158 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

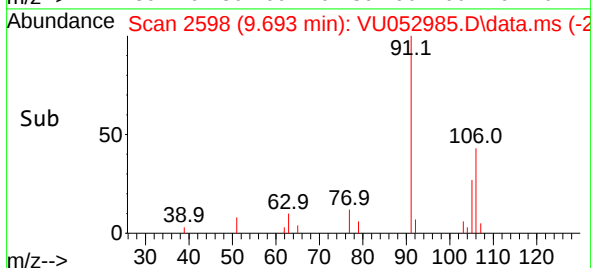
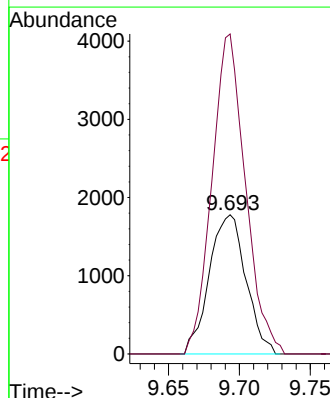
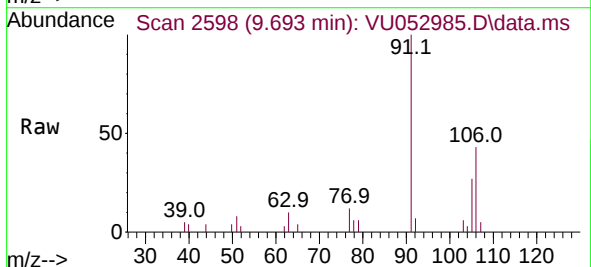
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

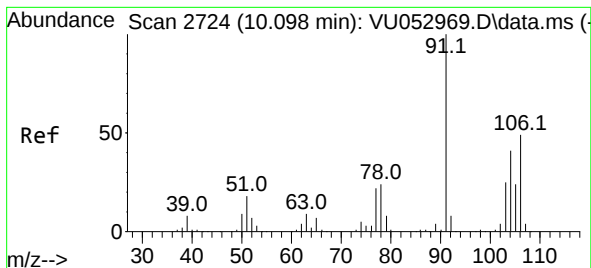
Tgt Ion: 91 Resp: 8750
Ion Ratio Lower Upper
91 100
106 37.4 21.1 39.3



#53
m,p-Xylene
Concen: 0.153 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Tgt Ion: 106 Resp: 3202
Ion Ratio Lower Upper
106 100
91 230.0 144.3 267.9





#54

o-Xylene

Concen: 0.163 ug/L

RT: 10.099 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

Instrument :

MSVOA_U

ClientSampleId :

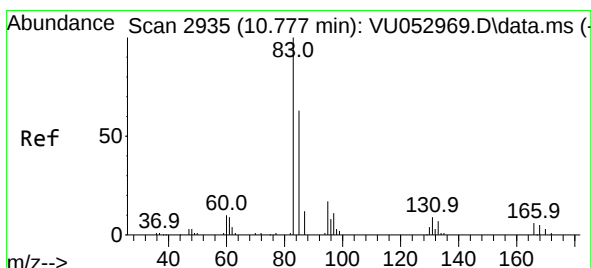
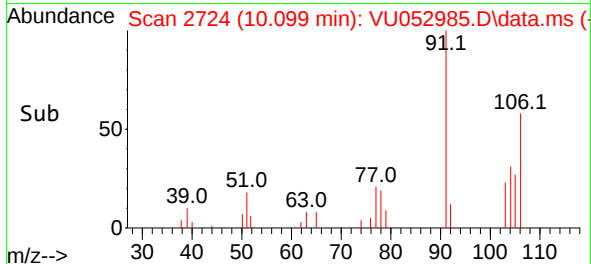
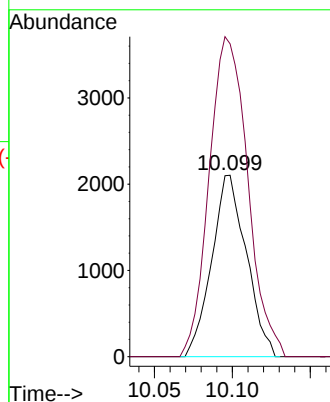
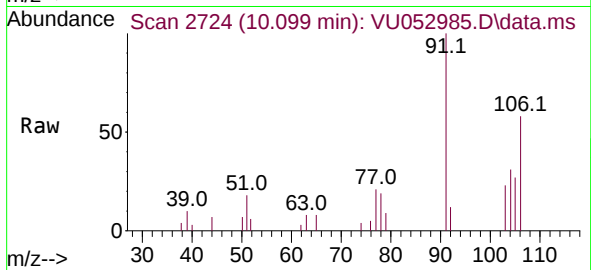
MDL-WATER-QT1-2023-01

Tgt Ion:106 Resp: 3252

Ion Ratio Lower Upper

106 100

91 172.3 148.7 276.1



#57

1,1,2,2-Tetrachloroethane

Concen: 0.200 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

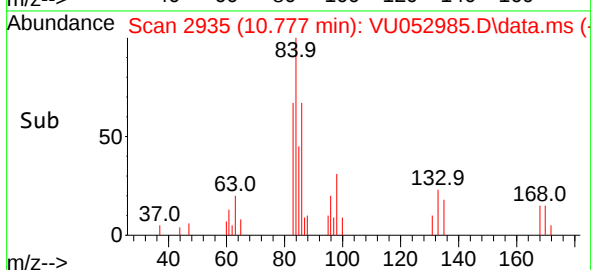
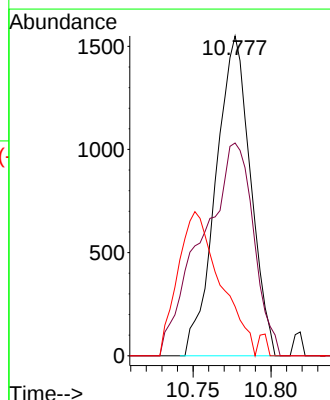
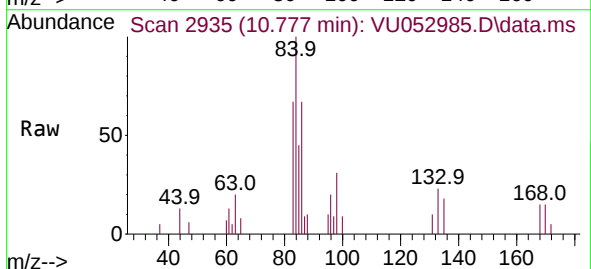
Tgt Ion: 83 Resp: 2402

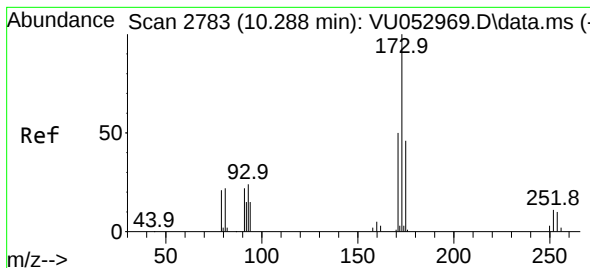
Ion Ratio Lower Upper

83 100

85 66.5 43.7 81.1

131 15.4 7.0 10.6#





#59

Bromoform

Concen: 0.257 ug/L

RT: 10.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

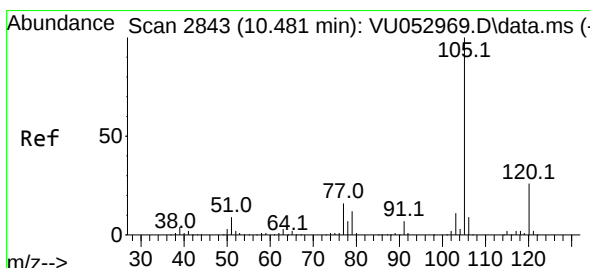
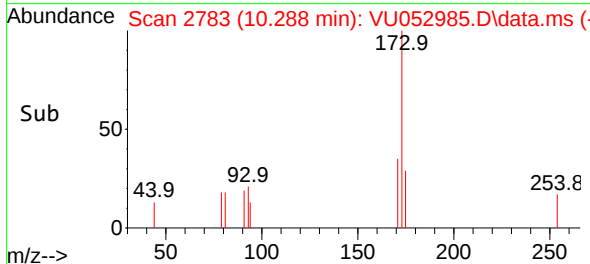
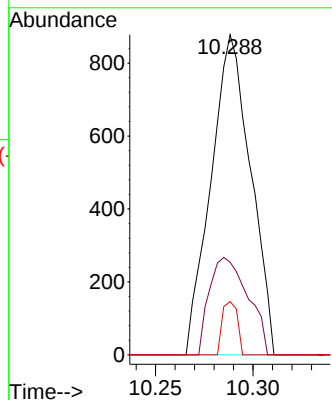
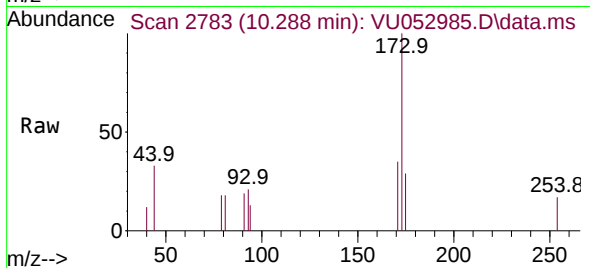
Tgt Ion:173 Resp: 1242

Ion Ratio Lower Upper

173 100

175 29.6 38.2 57.4#

254 6.3 7.3 10.9#



#60

Isopropylbenzene

Concen: 0.172 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. -0.000 min

Lab File: VU052985.D

Acq: 06 Feb 2023 17:30

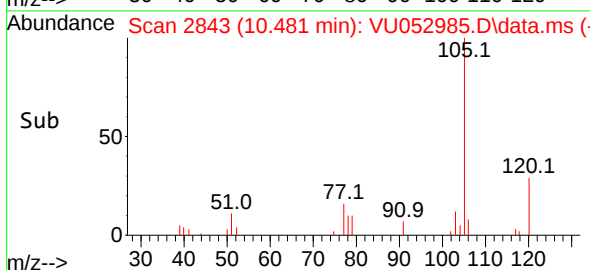
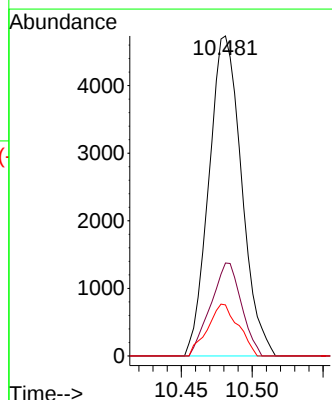
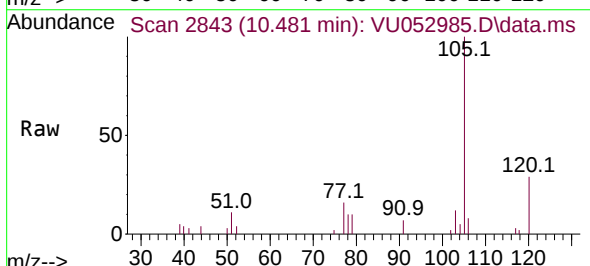
Tgt Ion:105 Resp: 7590

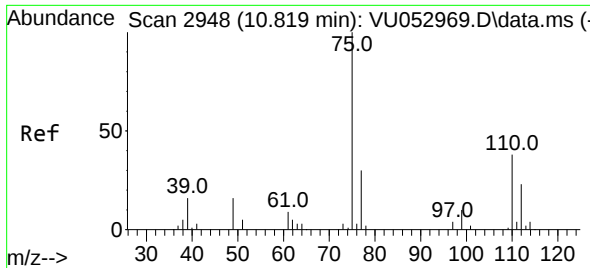
Ion Ratio Lower Upper

105 100

120 27.2 20.4 30.6

77 15.2 13.2 19.8

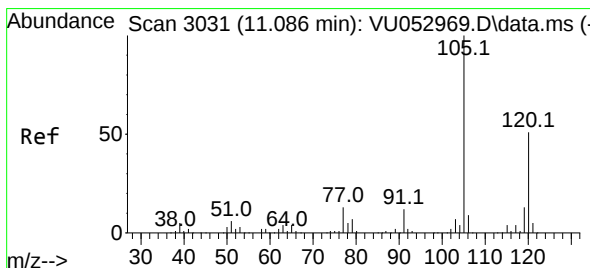
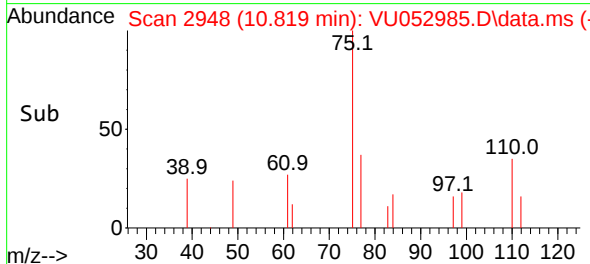
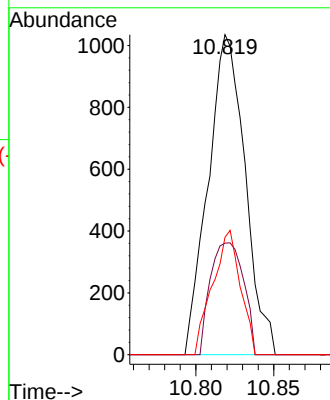
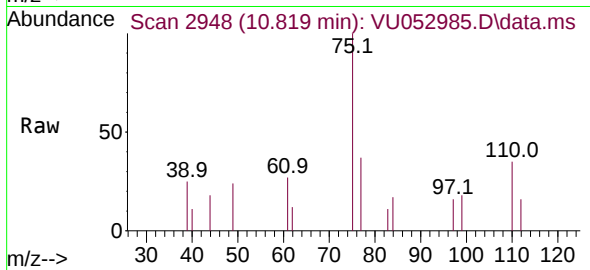




#61
1,2,3-Trichloropropane
Concen: 0.236 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

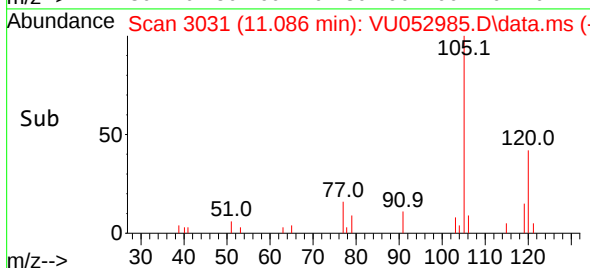
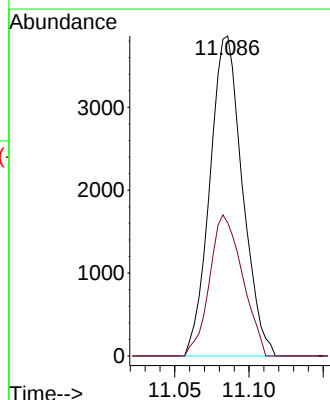
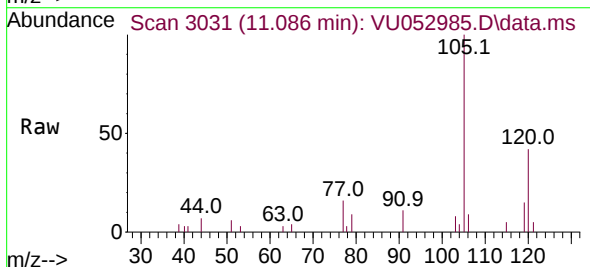
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2023-01

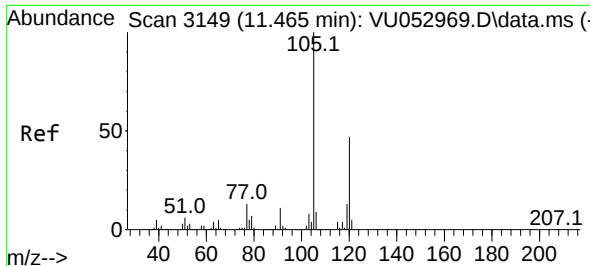
Tgt Ion:	75	Resp:	1703
Ion	Ratio	Lower	Upper
75	100		
110	31.4	27.2	40.8
77	29.2	24.0	36.0



#62
1,3,5-Trimethylbenzene
Concen: 0.168 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Tgt Ion:	105	Resp:	5883
Ion	Ratio	Lower	Upper
105	100		
120	44.6	39.0	58.6

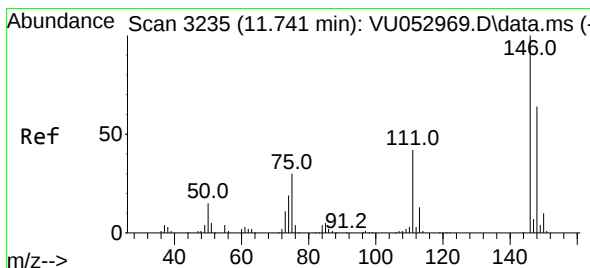
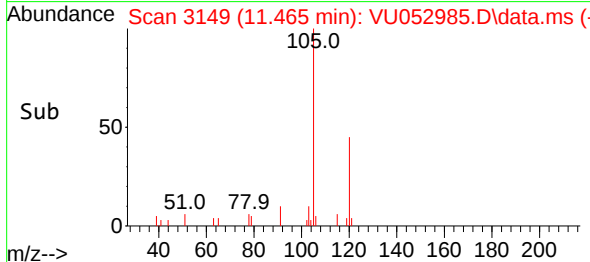
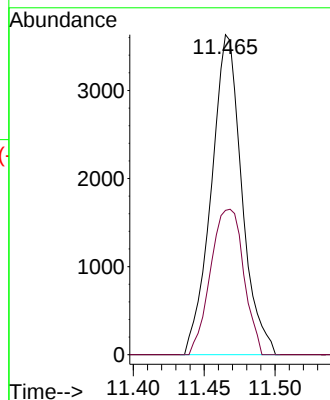
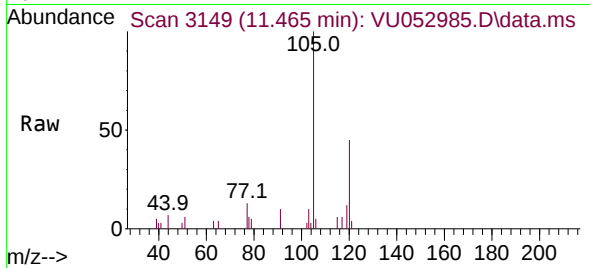




#63
1,2,4-Trimethylbenzene
Concen: 0.154 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

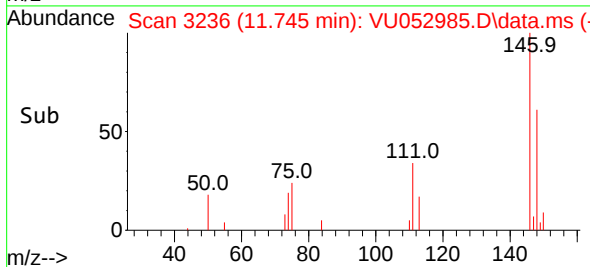
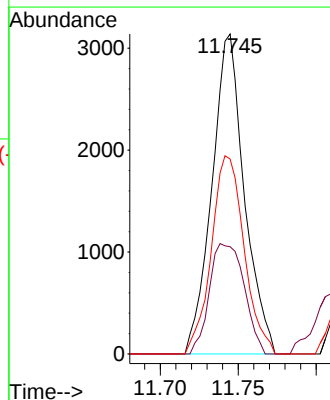
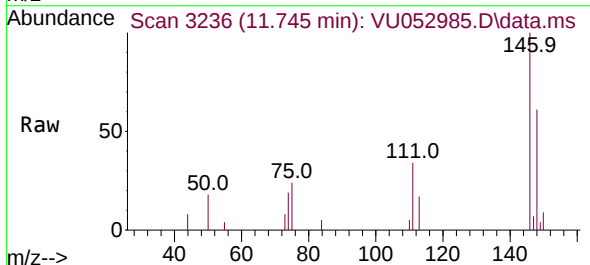
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

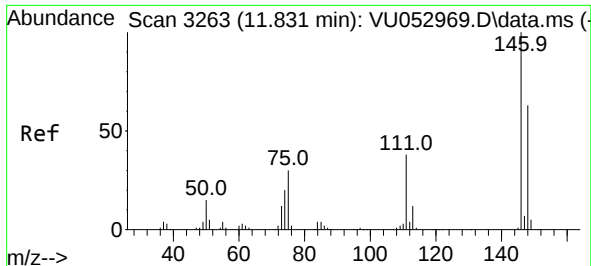
Tgt Ion:105 Resp: 5446
Ion Ratio Lower Upper
105 100
120 49.3 35.9 53.9



#64
1,3-Dichlorobenzene
Concen: 0.216 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Tgt Ion:146 Resp: 4529
Ion Ratio Lower Upper
146 100
111 33.5 29.4 54.6
148 60.9 44.5 82.7

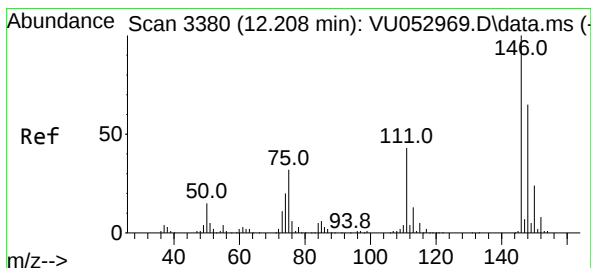
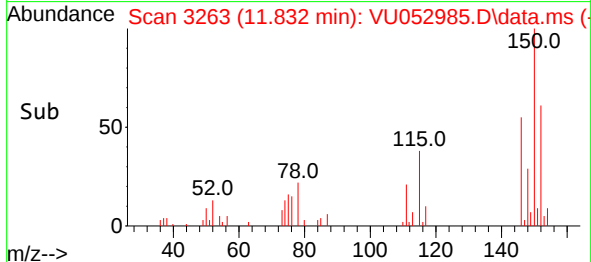
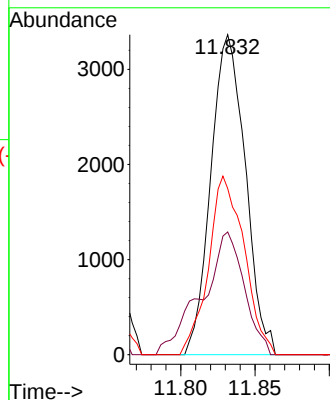
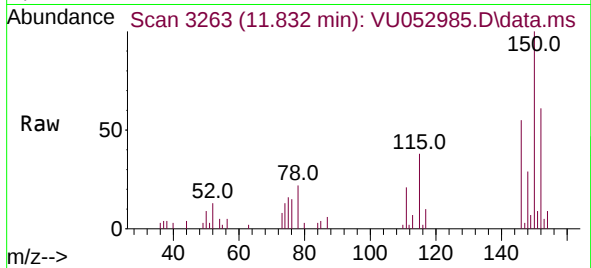




#65
1,4-Dichlorobenzene
Concen: 0.254 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

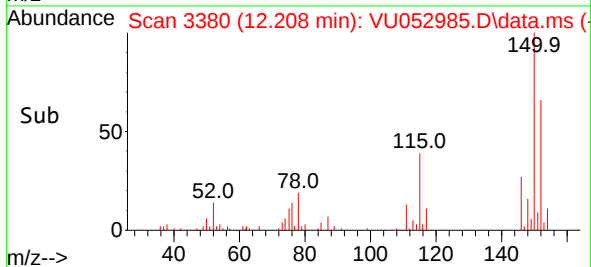
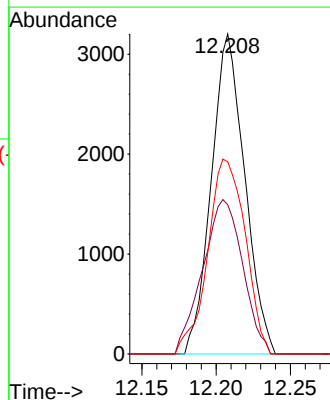
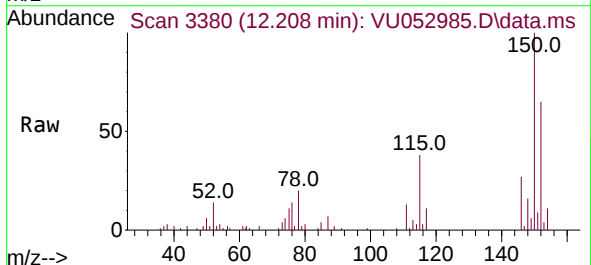
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

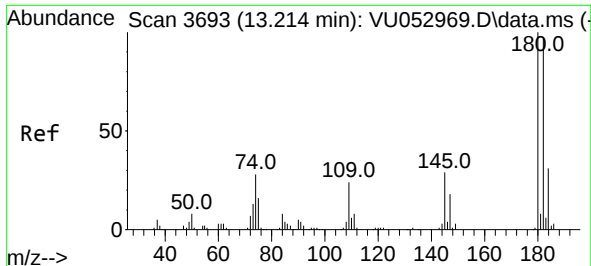
Tgt Ion:	146	Resp:	5425
Ion	Ratio	Lower	Upper
146	100		
111	38.3	28.1	52.3
148	51.9	44.7	83.1



#67
1,2-Dichlorobenzene
Concen: 0.254 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052985.D
Acq: 06 Feb 2023 17:30

Tgt Ion:	146	Resp:	5008
Ion	Ratio	Lower	Upper
146	100		
111	46.6	33.8	50.6
148	60.1	51.0	76.4





#69

1,3,5-Trichlorobenzene

Concen: 0.237 ug/L

RT: 13.221 min Scan# 30

Delta R.T. 0.006 min

Lab File: VU052985.D

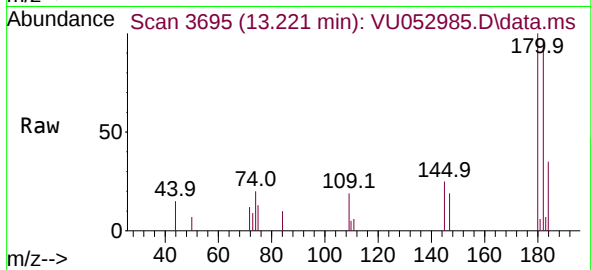
Acq: 06 Feb 2023 17:30

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01



Tgt Ion:180 Resp: 3692

Ion Ratio Lower Upper

180 100

182 93.2 75.1 112.7

184 31.6 23.6 35.4

145 30.8 24.1 36.1

