

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021822\
 Data File : VU047207.D
 Acq On : 17 Feb 2022 16:20
 Operator : SY/MD
 Sample : N1331-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2022-01

Quant Time: Feb 18 03:33:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 03:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	162330	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	167033	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	96058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	61667	4.498	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.919	69	52518	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.572	65	24830	4.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.649	46	174236	53.171	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.340%
24) Chloroform-d	5.070	84	111767	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.706	65	59911	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.732	84	229874	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.694	67	74581	5.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.903	98	220329	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.182	79	29401	4.367	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.636	63	150194	42.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58654	4.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	85545	4.963	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2589	0.189	ug/L	94
3) Chloromethane	1.523	50	3288	0.221	ug/L	93
5) Vinyl chloride	1.607	62	3147	0.209	ug/L #	71
6) Bromomethane	1.864	94	1906	0.216	ug/L	99
8) Chloroethane	1.938	64	1740	0.201	ug/L	100
9) Trichlorofluoromethane	2.144	101	3622	0.198	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2896	0.262	ug/L #	82
12) 1,1-Dichloroethene	2.581	96	2827	0.265	ug/L #	1
14) Carbon disulfide	2.797	76	7156	0.201	ug/L	99
15) Methyl Acetate	2.967	43	878	0.173	ug/L #	56
17) Methyl tert-butyl Ether	3.372	73	5095	0.175	ug/L #	94
18) trans-1,2-Dichloroethene	3.359	96	2136	0.185	ug/L	99
19) 1,1-Dichloroethane	3.877	63	3915	0.194	ug/L	95
21) 2-Butanone	4.739	43	4413	1.432	ug/L	89
22) cis-1,2-Dichloroethene	4.674	96	2500	0.199	ug/L	93
23) Bromochloromethane	4.986	128	1172	0.199	ug/L	78
27) 1,2-Dichloroethane	5.803	62	2528	0.179	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	3453	0.191	ug/L	96
30) Cyclohexane	5.391	56	3697	0.187	ug/L	94

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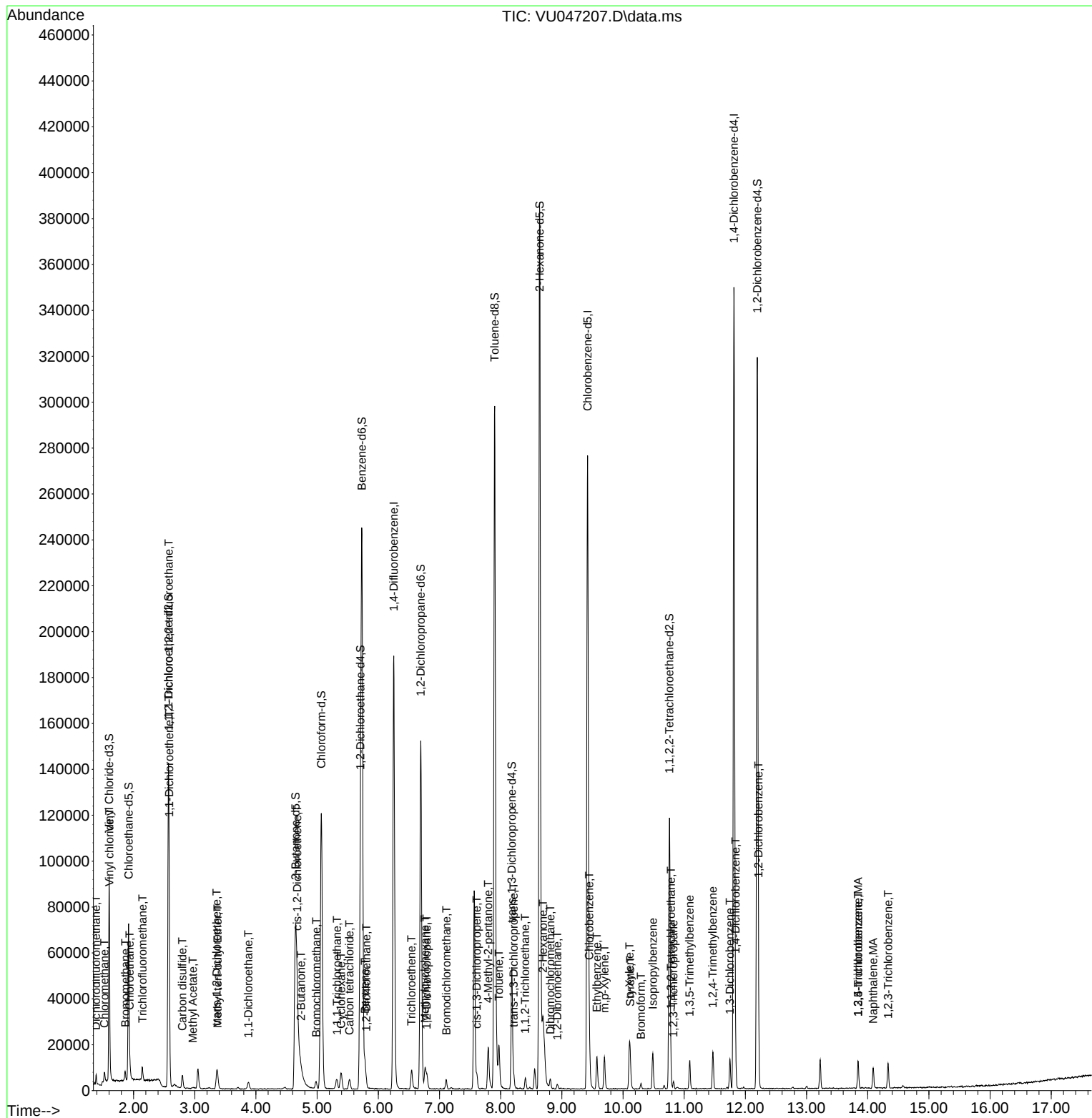
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.530	117	2871	0.182	ug/L	93
33) Benzene	5.780	78	9270	0.195	ug/L	100
34) Trichloroethene	6.542	95	2557	0.202	ug/L	92
35) Methylcyclohexane	6.764	83	4076	0.191	ug/L	93
37) 1,2-Dichloropropane	6.790	63	2340	0.191	ug/L #	88
38) Bromodichloromethane	7.112	83	2929	0.187	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	3307	0.173	ug/L	96
40) 4-Methyl-2-pentanone	7.796	43	13466	1.538	ug/L #	87
42) Toluene	7.973	91	13986	0.265	ug/L	95
44) trans-1,3-Dichloropropene	8.211	75	4242	0.247	ug/L	89
45) 1,1,2-Trichloroethane	8.401	97	1715	0.180	ug/L	92
48) 2-Hexanone	8.693	43	25542	3.924	ug/L	93
49) Dibromochloromethane	8.812	129	2134	0.186	ug/L	89
50) 1,2-Dibromoethane	8.925	107	1741	0.181	ug/L #	99
51) Chlorobenzene	9.449	112	6845	0.201	ug/L	99
52) Ethylbenzene	9.574	91	11302	0.195	ug/L	98
53) m,p-Xylene	9.697	106	4365	0.192	ug/L	96
54) o-Xylene	10.105	106	4050	0.183	ug/L	94
55) Styrene	10.118	104	6438	0.174	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	2220	0.176	ug/L #	95
59) Bromoform	10.291	173	1068	0.153	ug/L #	93
60) Isopropylbenzene	10.488	105	10716	0.190	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	1607	0.175	ug/L #	92
62) 1,3,5-Trimethylbenzene	11.089	105	7138	0.190	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	9138	0.189	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	5472	0.201	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	5888	0.214	ug/L	94
67) 1,2-Dichlorobenzene	12.214	146	5325	0.206	ug/L	94
69) 1,3,5-Trichlorobenzene	13.841	180	4201	0.187	ug/L	95
70) 1,2,4-trichlorobenzene	13.841	180	4201	0.201	ug/L	95
71) Naphthalene	14.089	128	7893	0.183	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.333	180	3954	0.201	ug/L	91

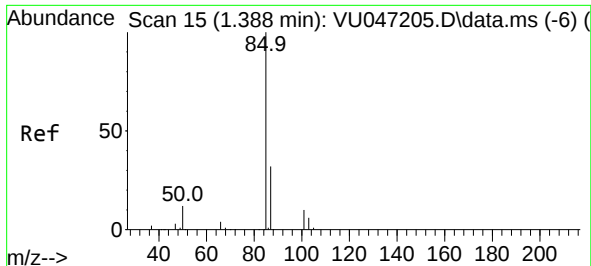
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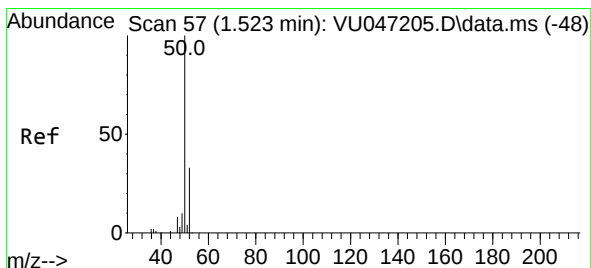
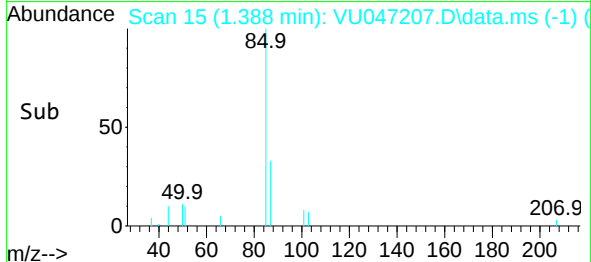
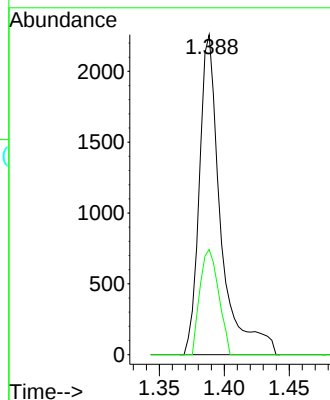
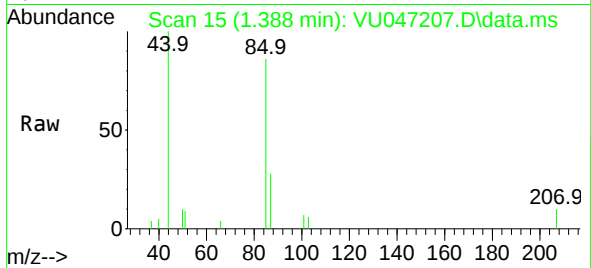




#2
Dichlorodifluoromethane
Concen: 0.189 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

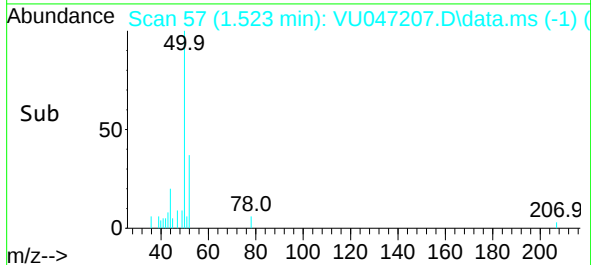
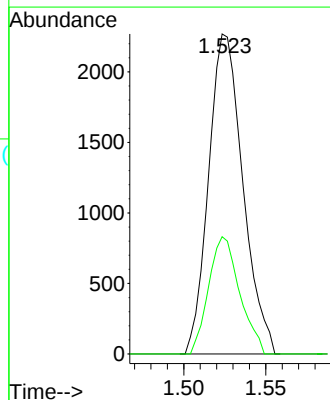
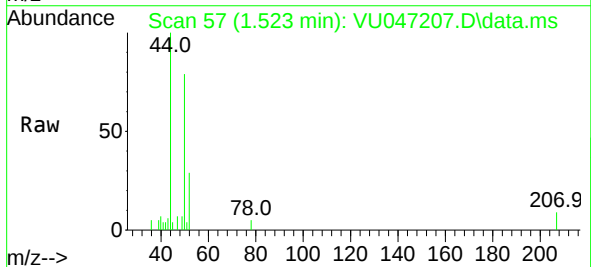
Instrument :
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ClientSampleId :
MDL-WATER-QT1-2022-01

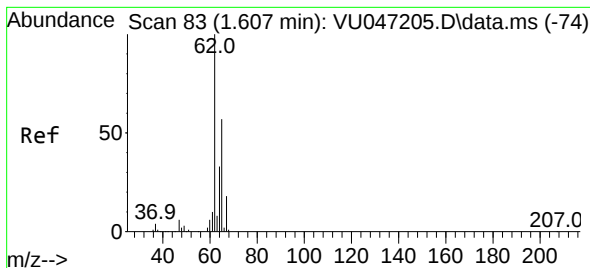
Tgt Ion: 85 Resp: 2589
Ion Ratio Lower Upper
85 100
87 28.7 25.8 38.6



#3
Chloromethane
Concen: 0.221 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion: 50 Resp: 3288
Ion Ratio Lower Upper
50 100
52 36.7 23.0 42.8





#5

Vinyl chloride

Concen: 0.209 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

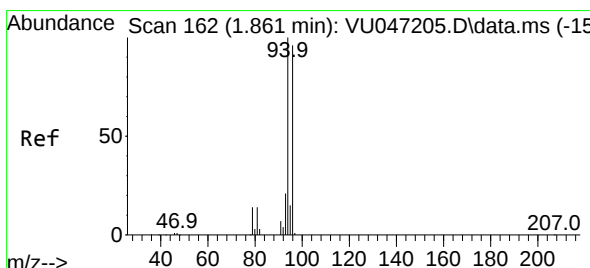
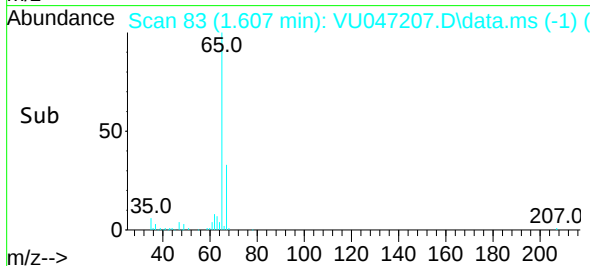
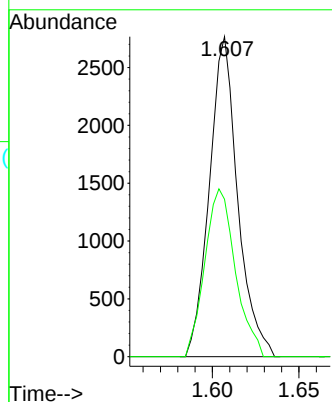
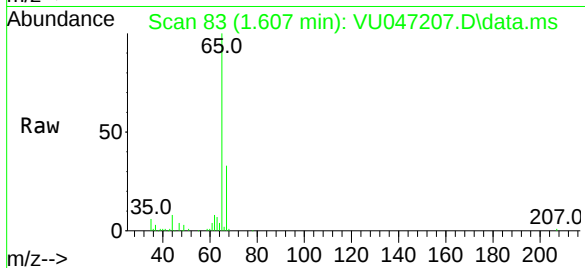
MDL-WATER-QT1-2022-01

Tgt Ion: 62 Resp: 3147

Ion Ratio Lower Upper

62 100

64 49.2 22.9 42.5#



#6

Bromomethane

Concen: 0.216 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.003 min

Lab File: VU047207.D

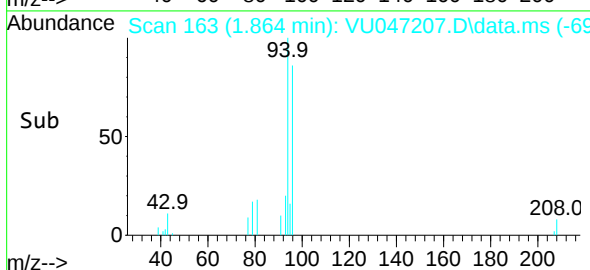
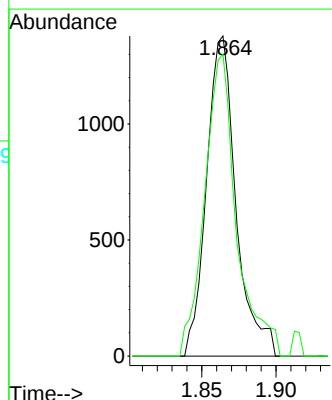
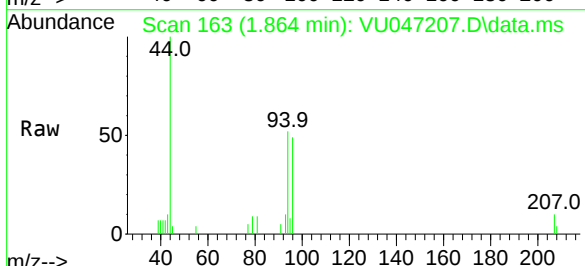
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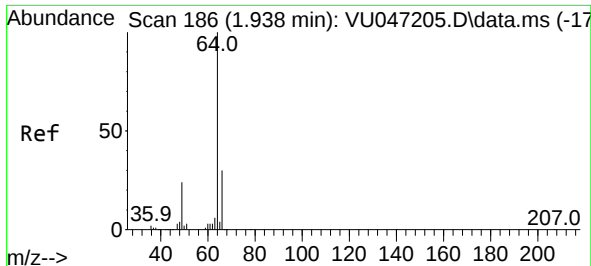
Tgt Ion: 94 Resp: 1906

Ion Ratio Lower Upper

94 100

96 94.3 65.5 121.6

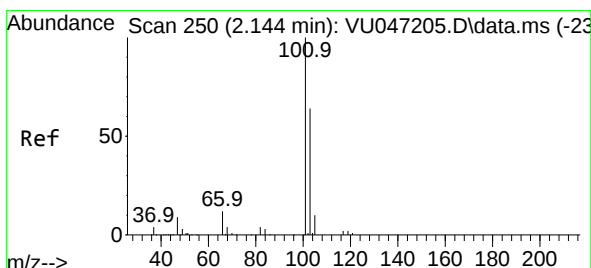
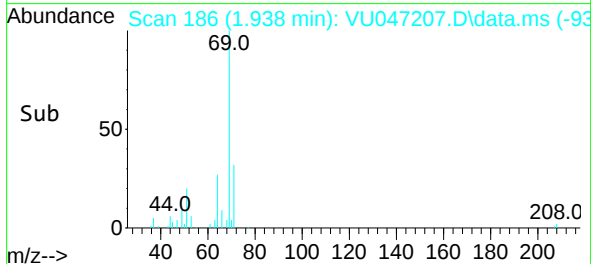
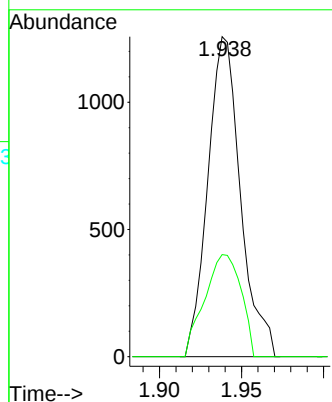
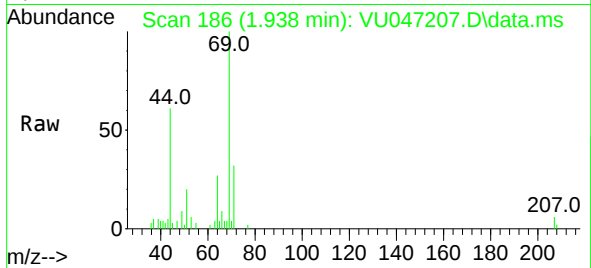




#8
Chloroethane
Concen: 0.201 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

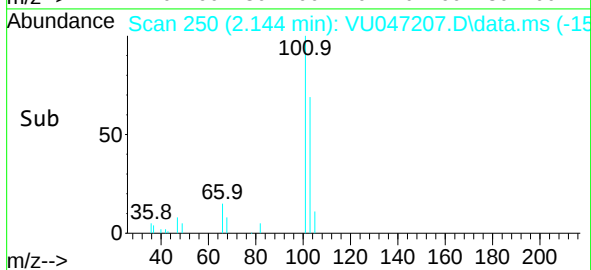
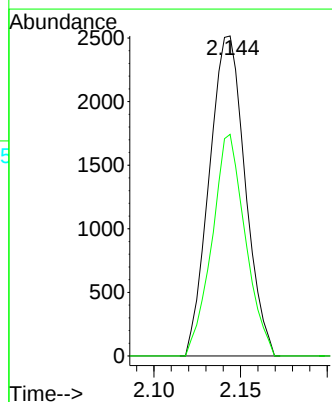
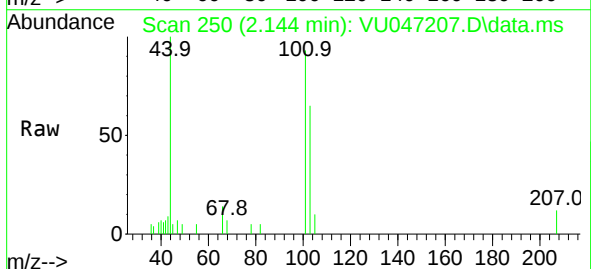
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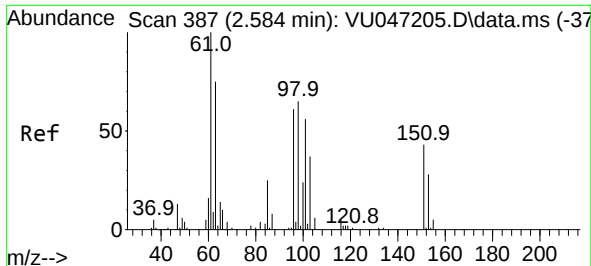
Tgt Ion: 64 Resp: 1740
Ion Ratio Lower Upper
64 100
66 31.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.198 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion: 101 Resp: 3622
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

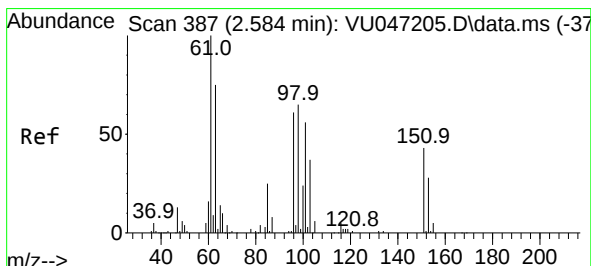
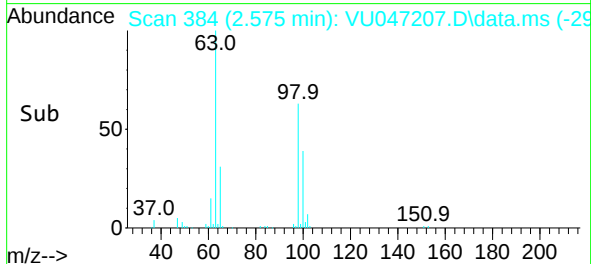
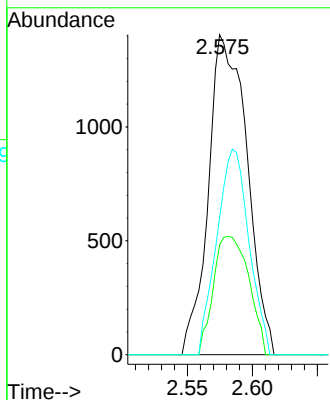
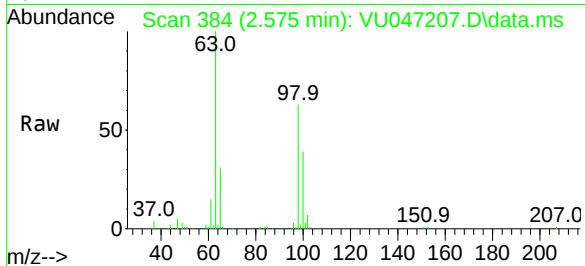




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.262 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU047207.D
 Acq: 17 Feb 2022 16:20

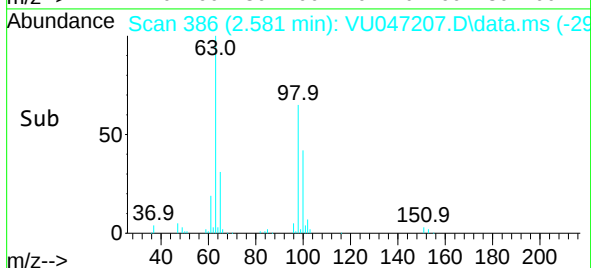
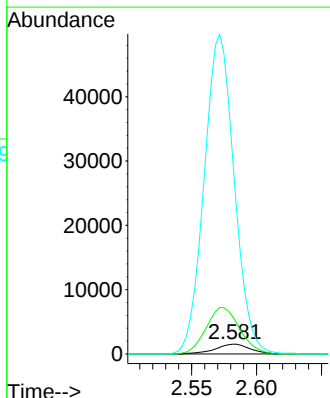
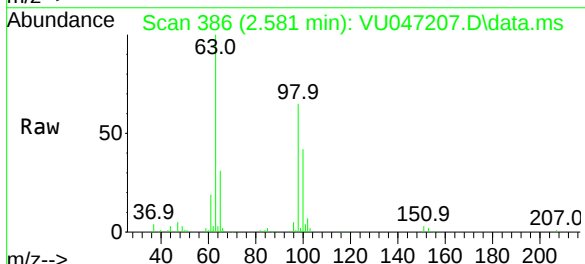
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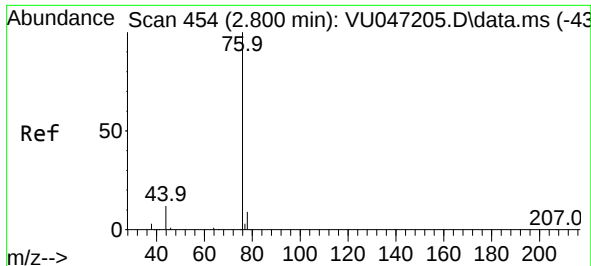
Tgt Ion: 101 Resp: 2896
 Ion Ratio Lower Upper
 101 100
 85 34.0 34.6 51.8#
 151 53.6 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.265 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU047207.D
 Acq: 17 Feb 2022 16:20

Tgt Ion: 96 Resp: 2827
 Ion Ratio Lower Upper
 96 100
 61 389.3 124.7 231.5#
 63 2055.6 105.2 195.4#

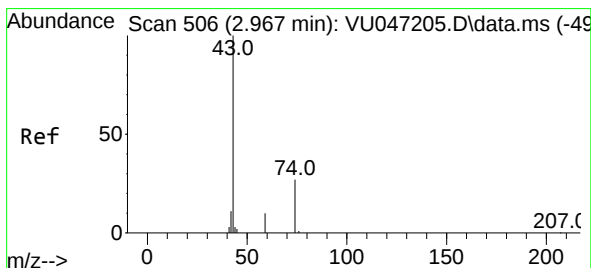
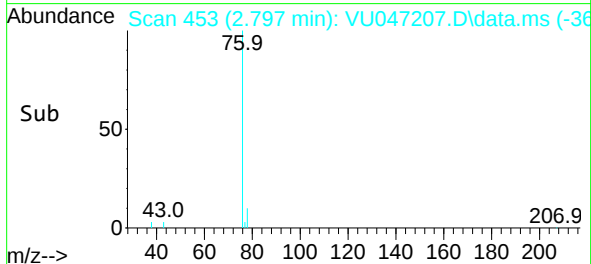
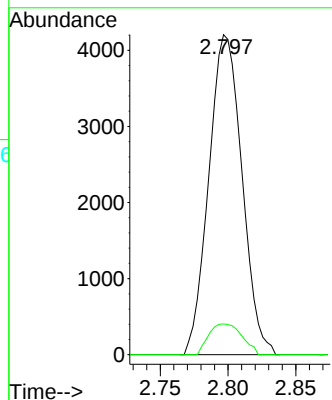
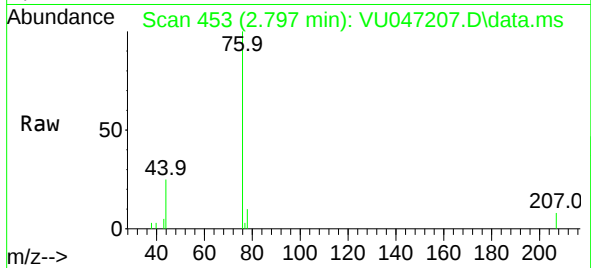




#14
Carbon disulfide
Concen: 0.201 ug/L
RT: 2.797 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

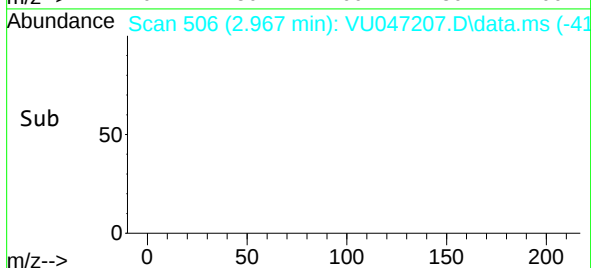
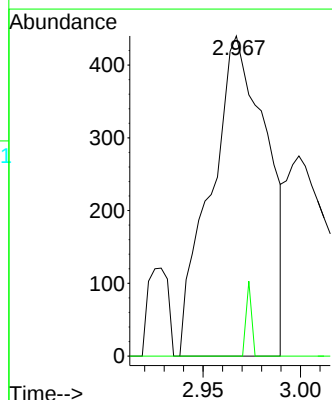
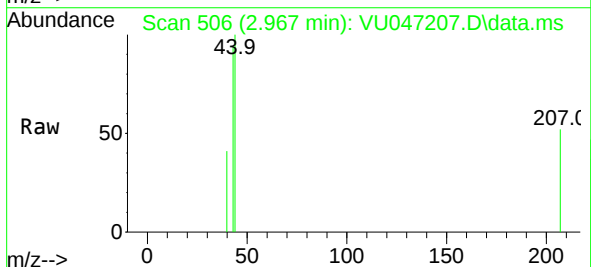
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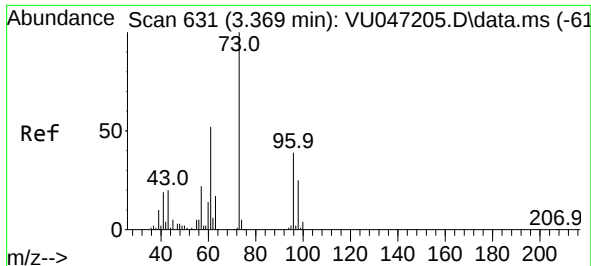
Tgt Ion: 76 Resp: 7156
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#15
Methyl Acetate
Concen: 0.173 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
74 2.3 19.1 28.7#





#17

Methyl tert-butyl Ether

Concen: 0.175 ug/L

RT: 3.372 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

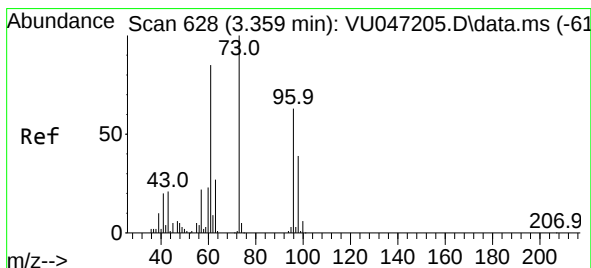
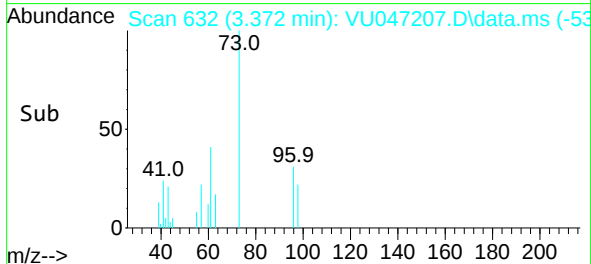
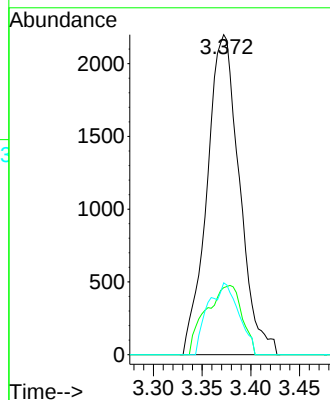
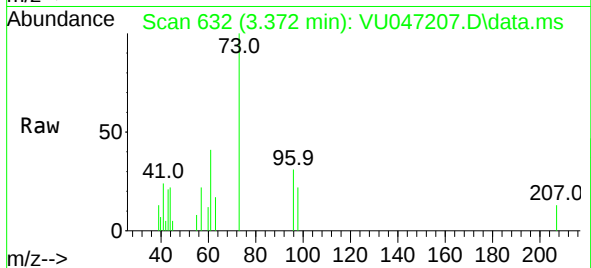
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-01

Tgt Ion: 73	Resp: 5095
Ion Ratio	Lower Upper
73	100
43	23.9 14.8 22.2#
57	21.2 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 0.185 ug/L

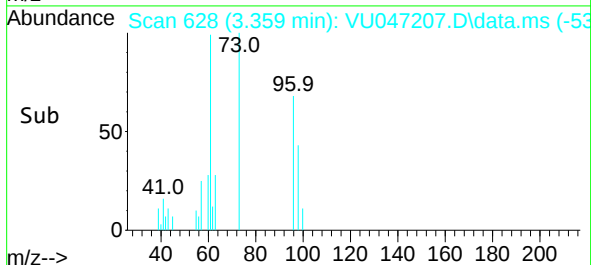
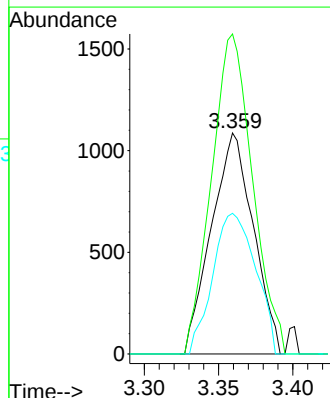
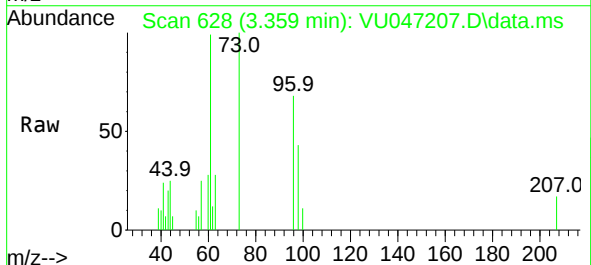
RT: 3.359 min Scan# 628

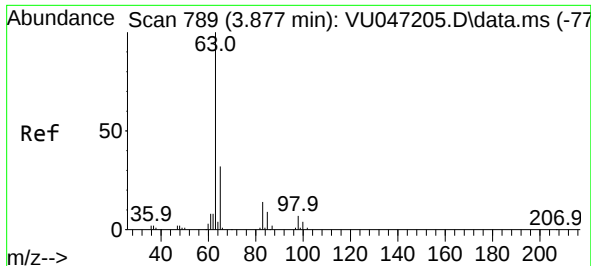
Delta R.T. 0.000 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Tgt Ion: 96	Resp: 2136
Ion Ratio	Lower Upper
96	100
61	144.8 100.8 187.2
98	63.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.194 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU047207.D

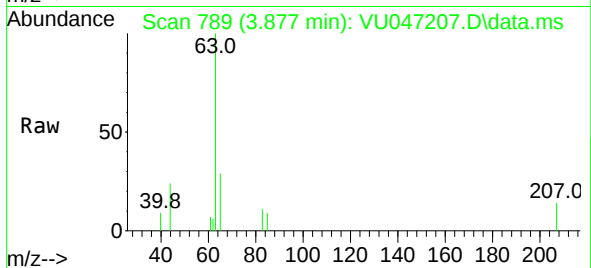
Acq: 17 Feb 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-01



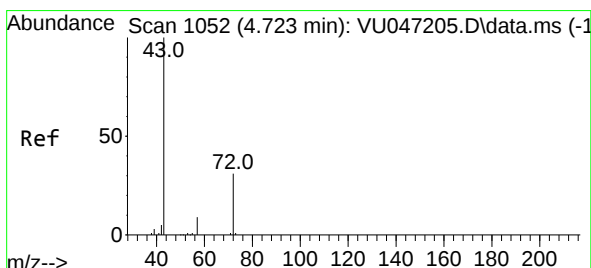
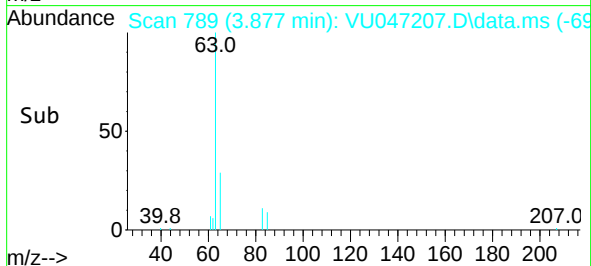
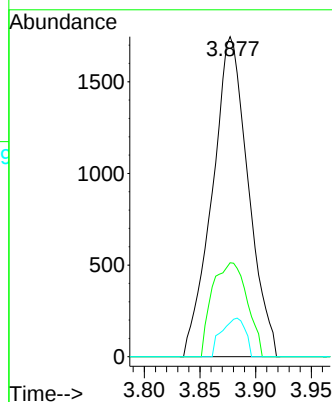
Tgt Ion: 63 Resp: 3915

Ion Ratio Lower Upper

63 100

65 29.4 22.3 41.5

83 10.6 9.6 17.8



#21

2-Butanone

Concen: 1.432 ug/L

RT: 4.739 min Scan# 1057

Delta R.T. 0.016 min

Lab File: VU047207.D

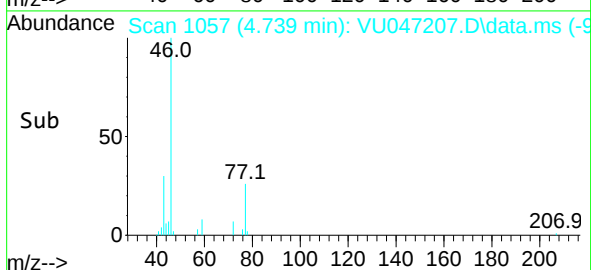
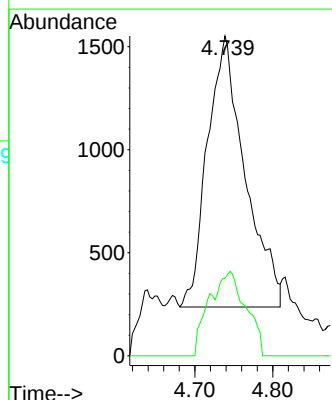
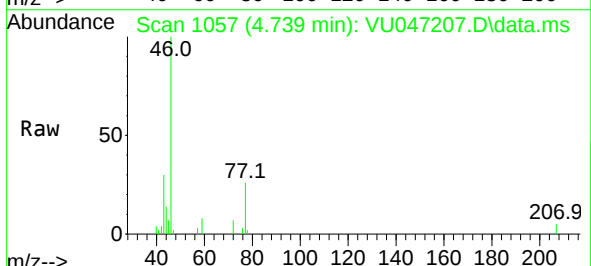
Acq: 17 Feb 2022 16:20

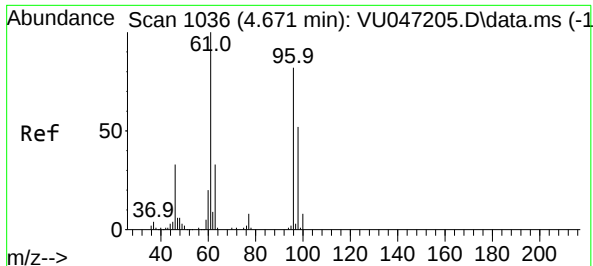
Tgt Ion: 43 Resp: 4413

Ion Ratio Lower Upper

43 100

72 22.3 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 0.199 ug/L

RT: 4.674 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-01

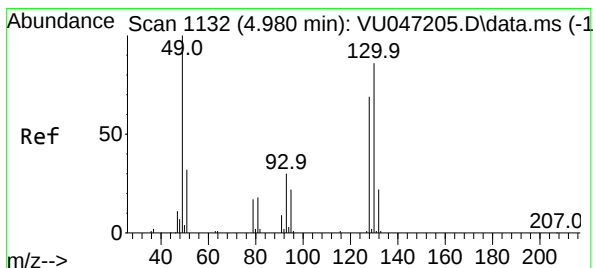
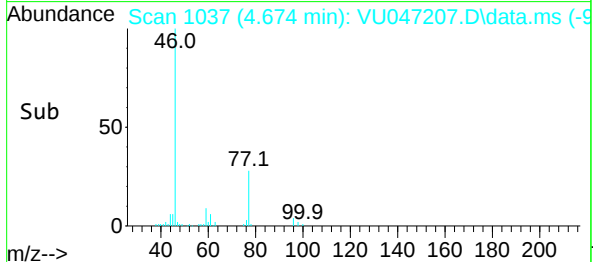
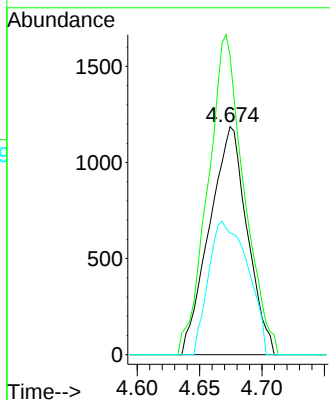
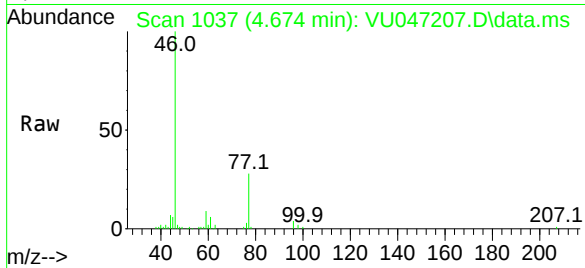
Tgt Ion: 96 Resp: 2500

Ion Ratio Lower Upper

96 100

61 131.3 88.5 164.3

98 53.4 44.4 82.5



#23

Bromochloromethane

Concen: 0.199 ug/L

RT: 4.986 min Scan# 1134

Delta R.T. 0.007 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Tgt Ion:128 Resp: 1172

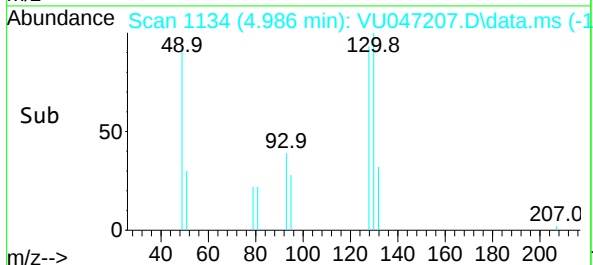
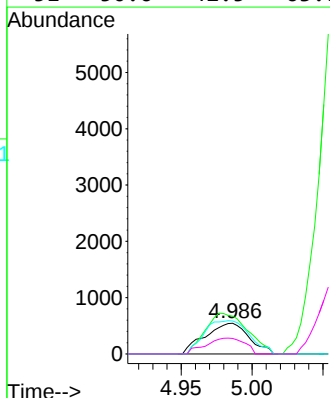
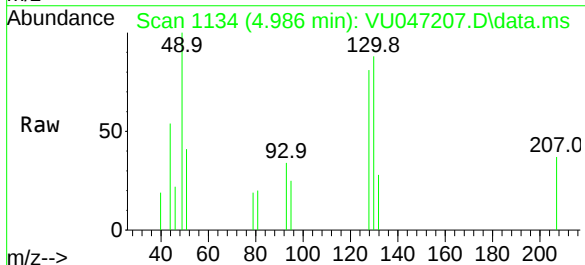
Ion Ratio Lower Upper

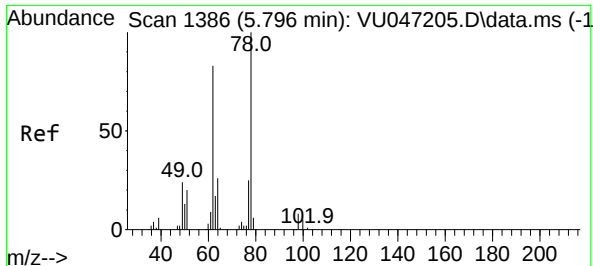
128 100

49 123.0 117.0 217.2

130 107.7 88.2 163.8

51 50.6 42.5 63.7





#27

1,2-Dichloroethane

Concen: 0.179 ug/L

RT: 5.803 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

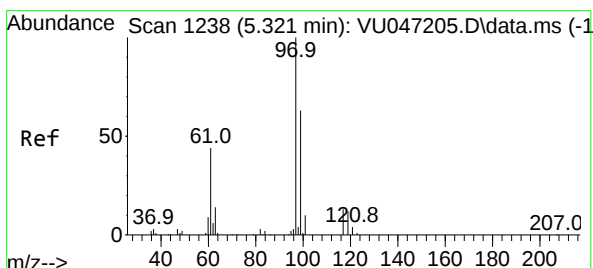
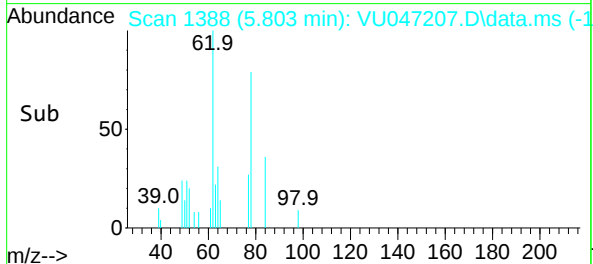
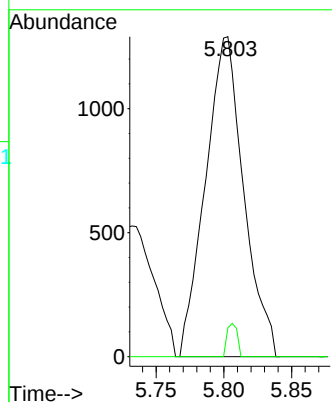
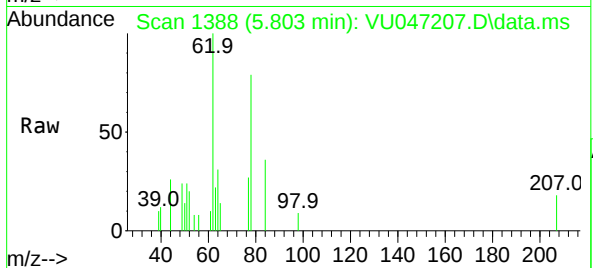
MDL-WATER-QT1-2022-01

Tgt Ion: 62 Resp: 2528

Ion Ratio Lower Upper

62 100

98 9.0 7.8 11.8



#29

1,1,1-Trichloroethane

Concen: 0.191 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.007 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

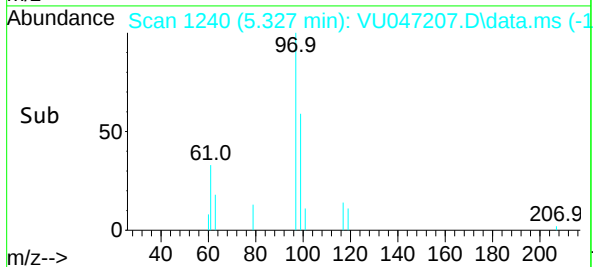
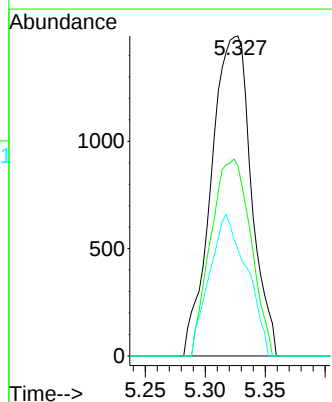
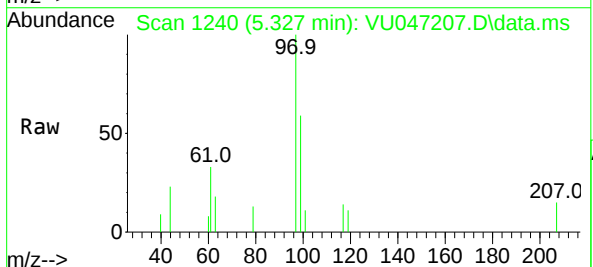
Tgt Ion: 97 Resp: 3453

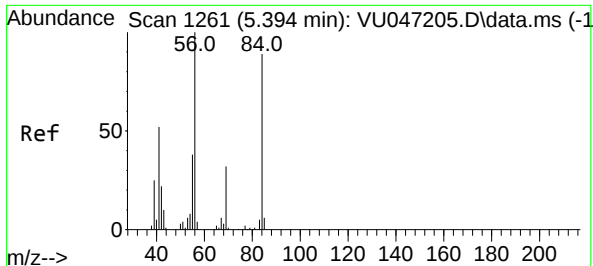
Ion Ratio Lower Upper

97 100

99 61.5 51.3 76.9

61 41.2 36.1 54.1





#30

Cyclohexane

Concen: 0.187 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047207.D

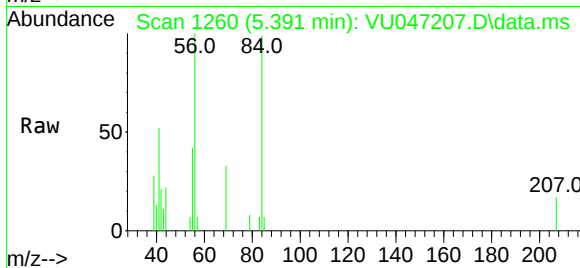
Acq: 17 Feb 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-01



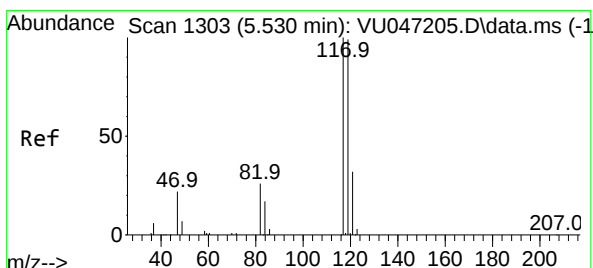
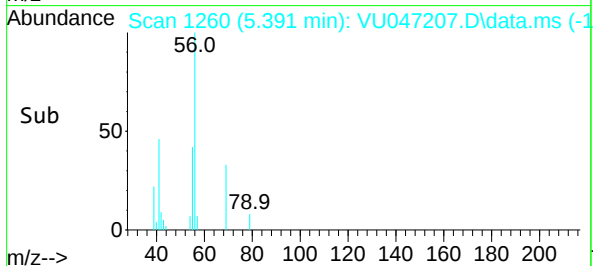
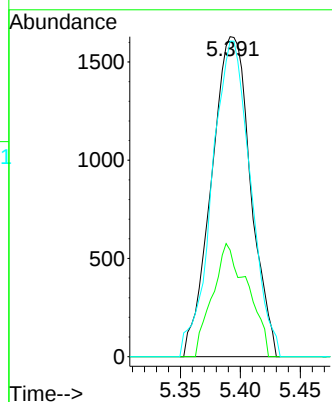
Tgt Ion: 56 Resp: 3697

Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

84 96.9 71.8 107.6



#31

Carbon tetrachloride

Concen: 0.182 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU047207.D

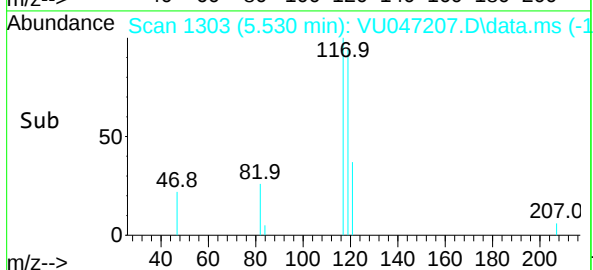
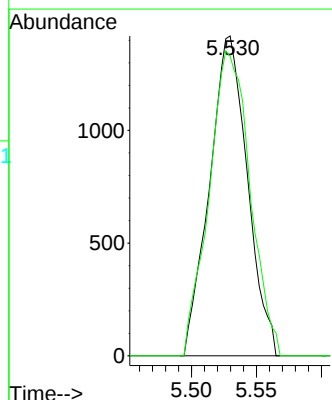
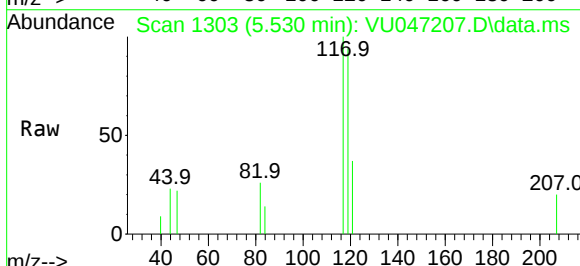
Acq: 17 Feb 2022 16:20

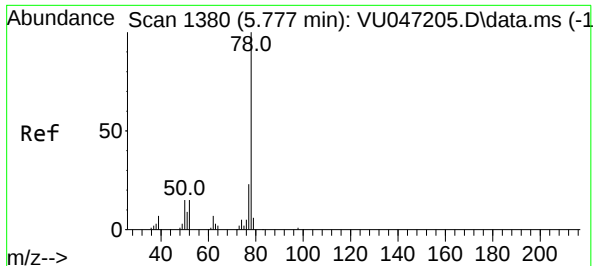
Tgt Ion: 117 Resp: 2871

Ion Ratio Lower Upper

117 100

119 103.3 77.5 116.3





#33

Benzene

Concen: 0.195 ug/L

RT: 5.780 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

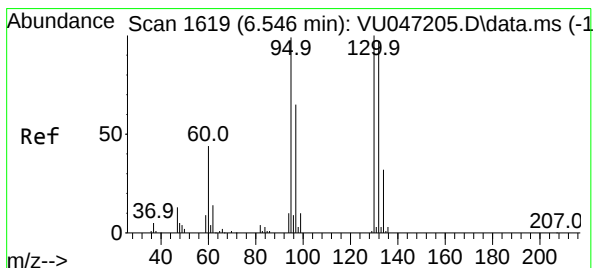
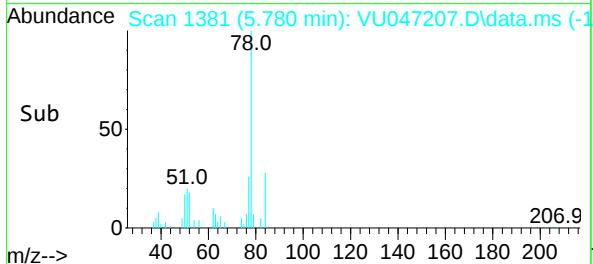
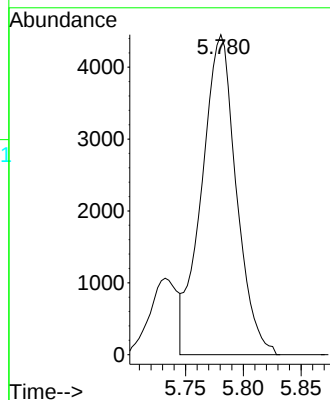
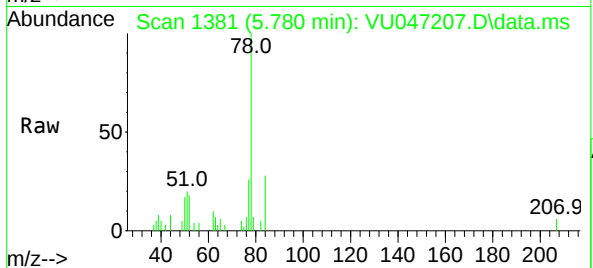
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-01

Tgt Ion: 78 Resp: 9270



#34

Trichloroethene

Concen: 0.202 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Tgt Ion: 95 Resp: 2557

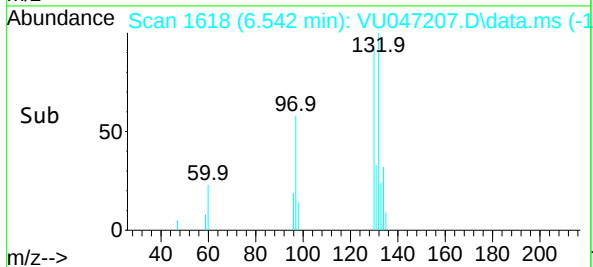
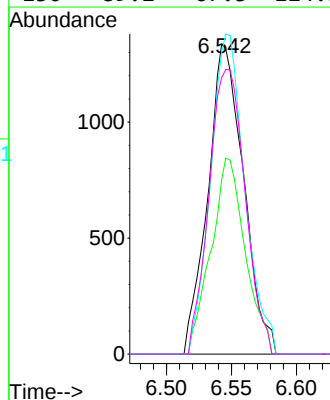
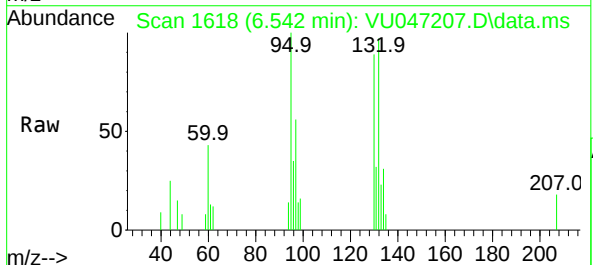
Ion Ratio Lower Upper

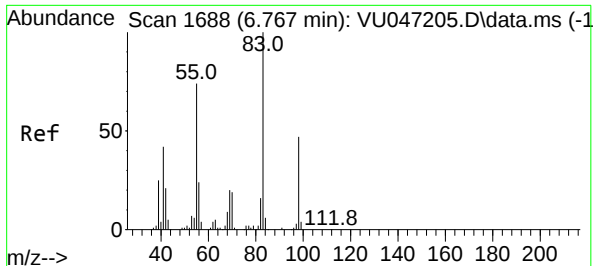
95 100

97 56.2 46.5 86.5

132 97.5 65.1 120.9

130 89.2 67.3 124.9





#35

Methylcyclohexane

Concen: 0.191 ug/L

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-01

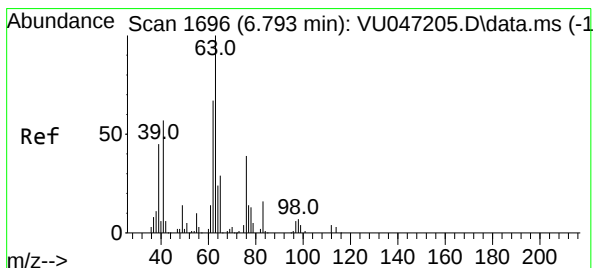
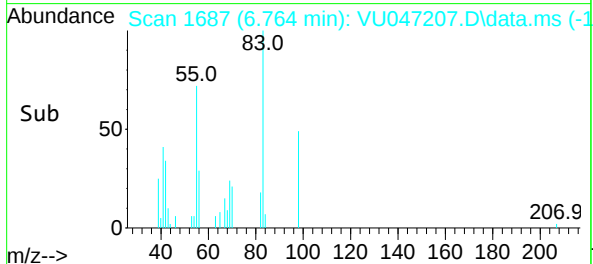
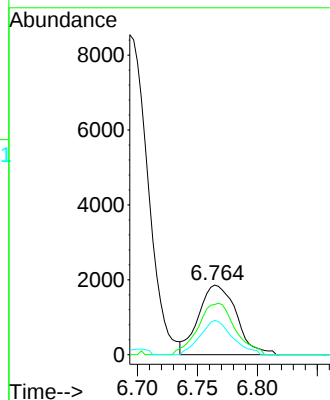
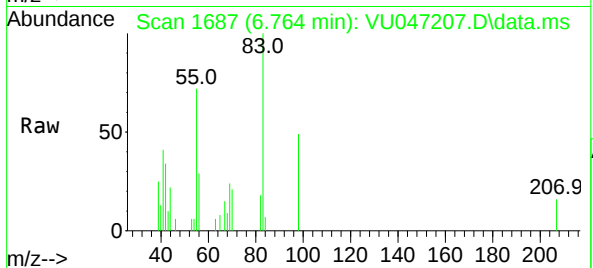
Tgt Ion: 83 Resp: 4076

Ion Ratio Lower Upper

83 100

55 72.3 61.9 92.9

98 42.1 39.0 58.6



#37

1,2-Dichloropropane

Concen: 0.191 ug/L

RT: 6.790 min Scan# 1695

Delta R.T. -0.003 min

Lab File: VU047207.D

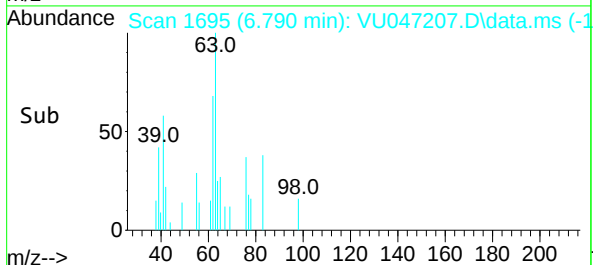
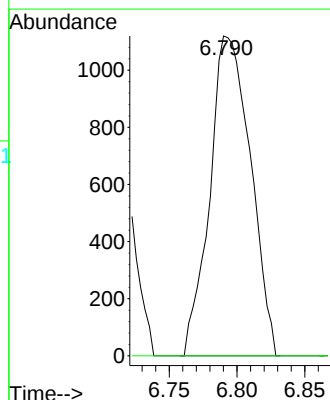
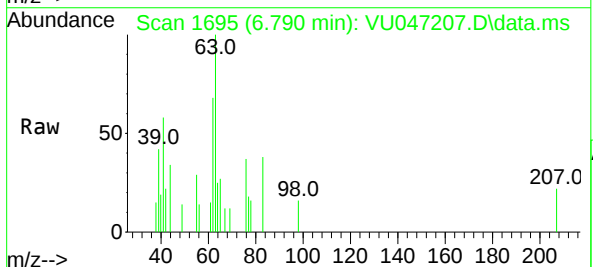
Acq: 17 Feb 2022 16:20

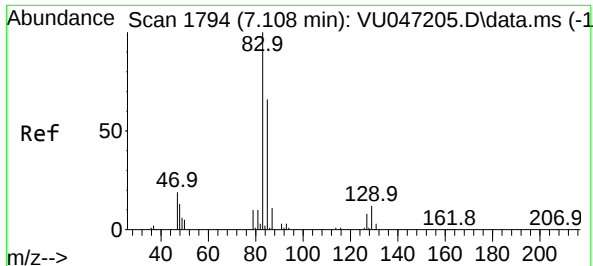
Tgt Ion: 63 Resp: 2340

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

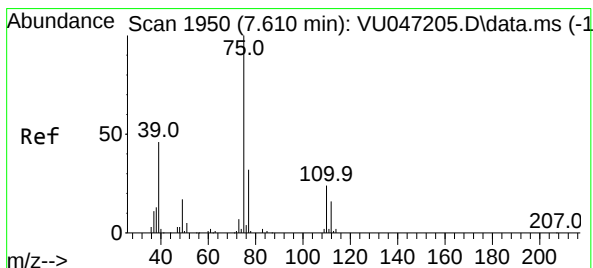
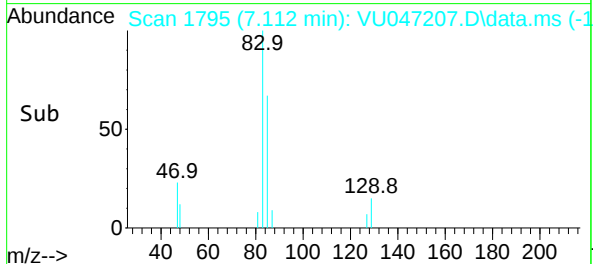
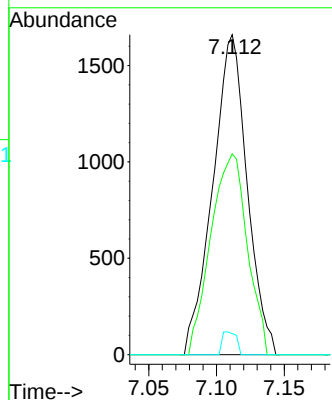
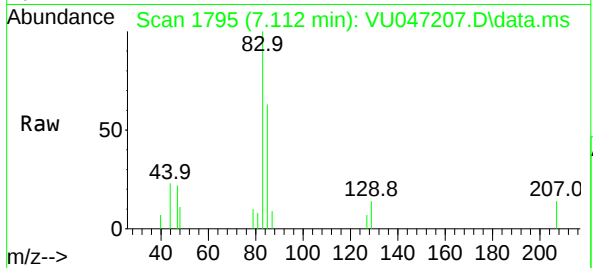




#38
Bromodichloromethane
Concen: 0.187 ug/L
RT: 7.112 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

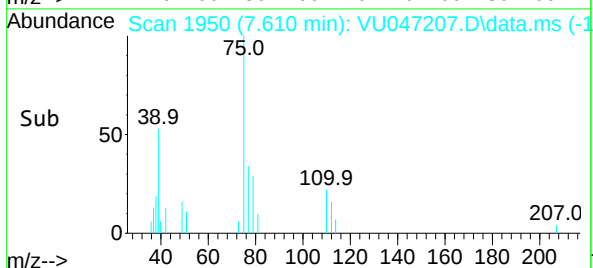
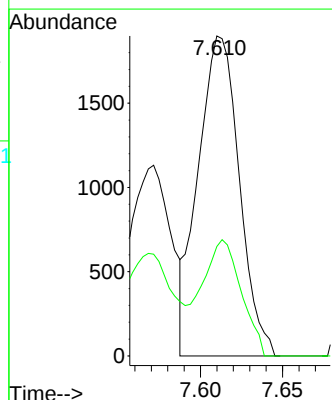
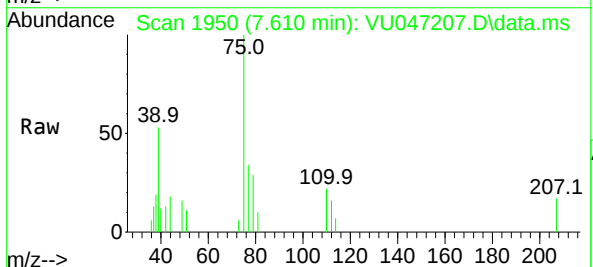
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01

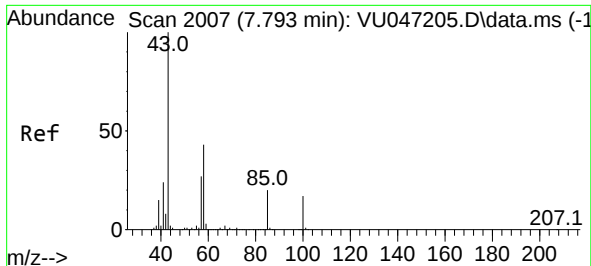
Tgt Ion: 83 Resp: 2929
Ion Ratio Lower Upper
83 100
85 62.8 44.0 81.8
127 6.6 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 0.173 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion: 75 Resp: 3307
Ion Ratio Lower Upper
75 100
77 34.2 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 1.538 ug/L

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-01

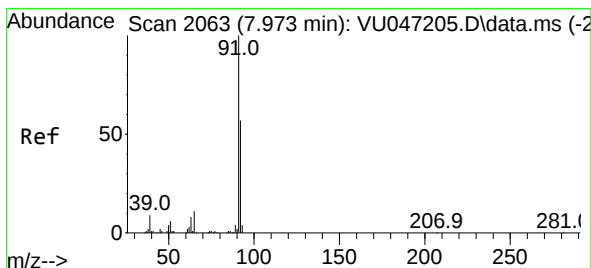
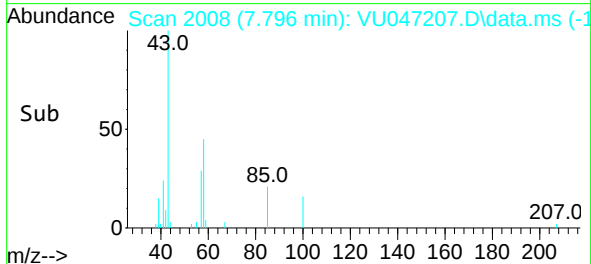
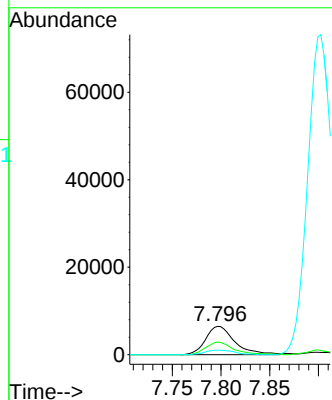
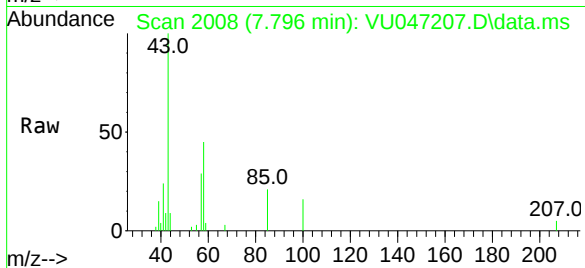
Tgt Ion: 43 Resp: 13466

Ion Ratio Lower Upper

43 100

58 42.8 33.1 49.7

100 0.0 13.2 19.8#



#42

Toluene

Concen: 0.265 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047207.D

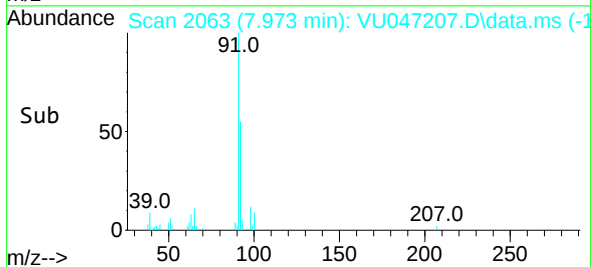
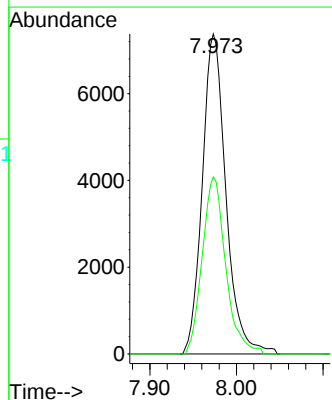
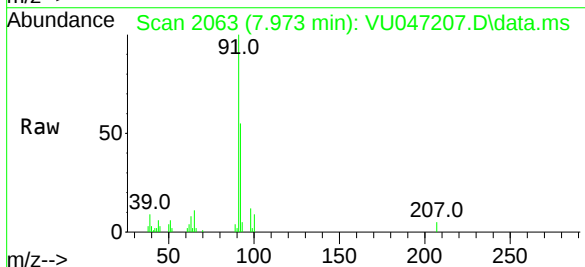
Acq: 17 Feb 2022 16:20

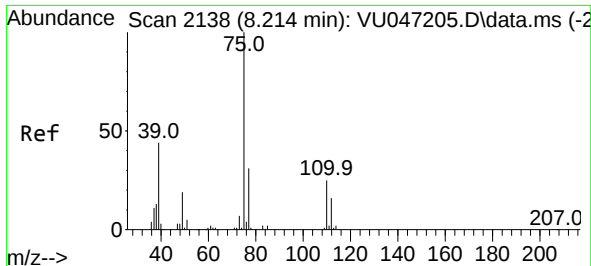
Tgt Ion: 91 Resp: 13986

Ion Ratio Lower Upper

91 100

92 55.3 41.3 76.7

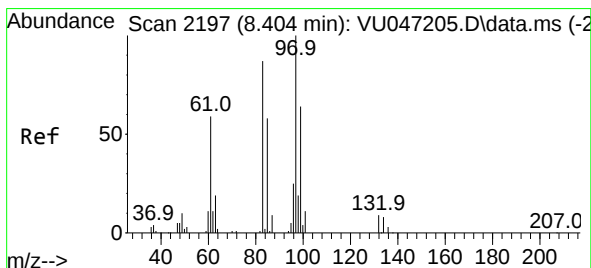
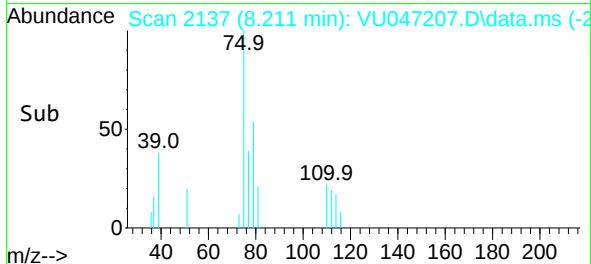
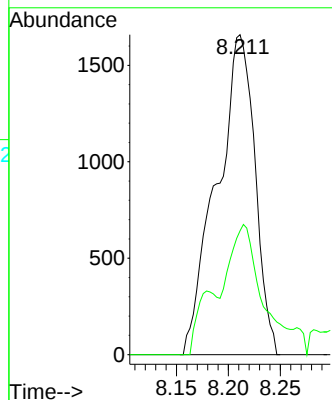
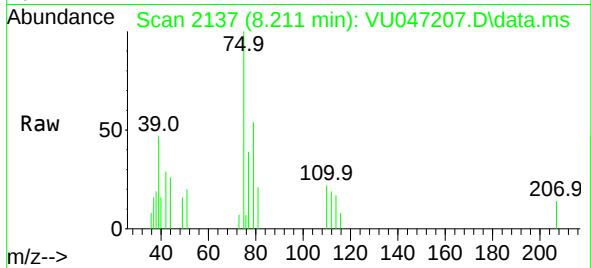




#44
trans-1,3-Dichloropropene
Concen: 0.247 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

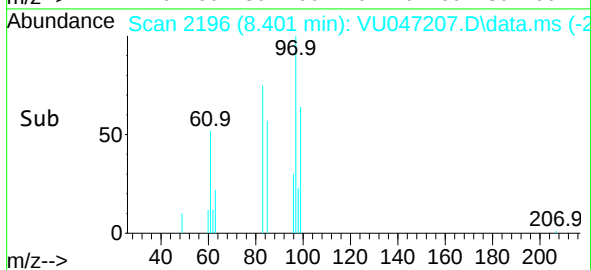
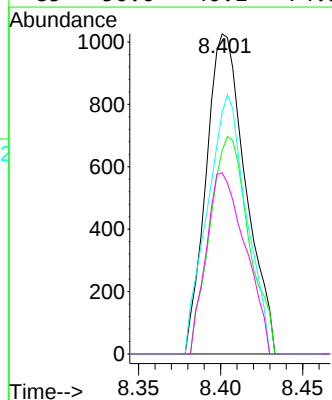
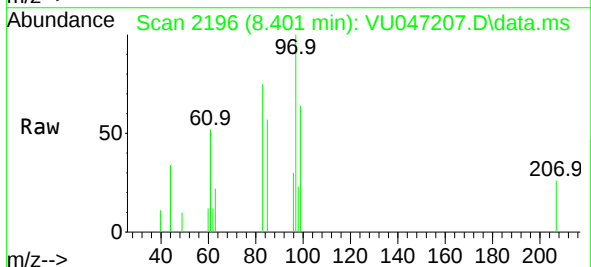
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01

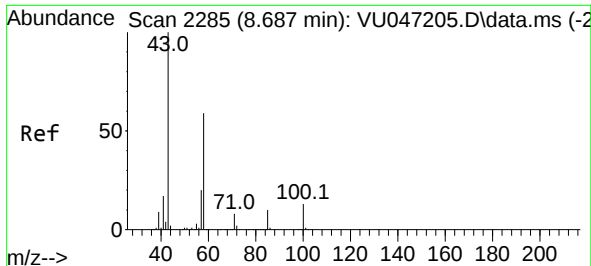
Tgt Ion: 75 Resp: 4242
Ion Ratio Lower Upper
75 100
77 38.7 22.7 42.3



#45
1,1,2-Trichloroethane
Concen: 0.180 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion: 97 Resp: 1715
Ion Ratio Lower Upper
97 100
99 63.5 42.3 78.5
83 75.3 62.0 115.2
85 56.6 40.1 74.5

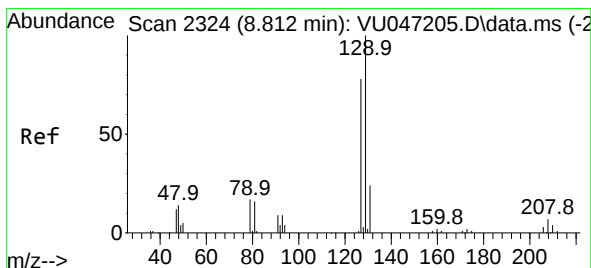
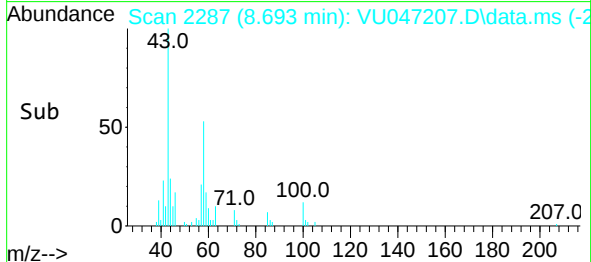
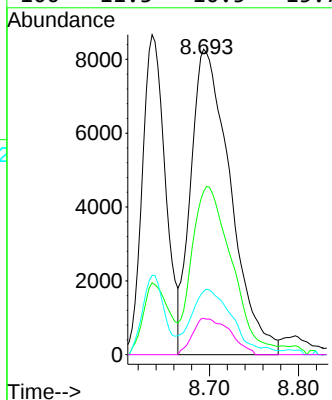
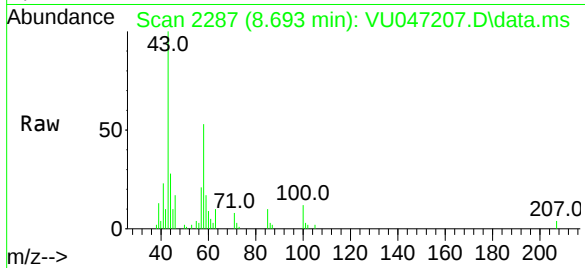




#48
2-Hexanone
Concen: 3.924 ug/L
RT: 8.693 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

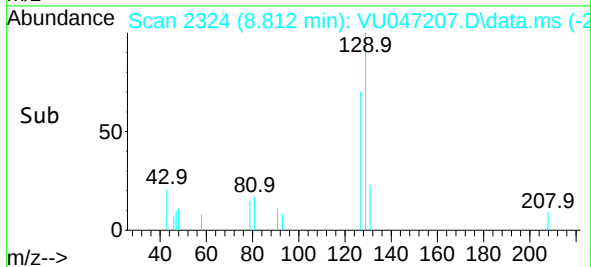
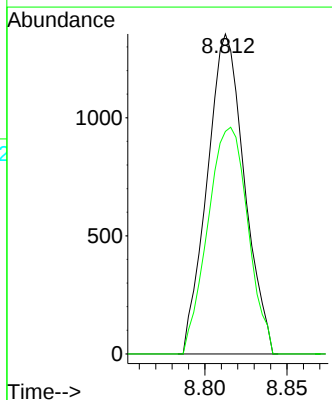
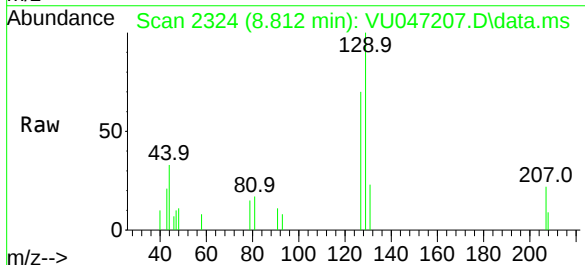
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01

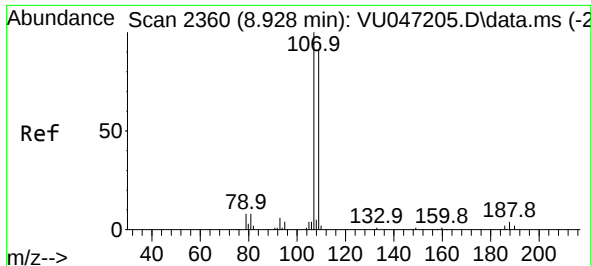
Tgt Ion: 43	Resp: 25542
Ion Ratio	Lower Upper
43 100	
58 51.7	46.7 70.1
57 19.1	16.3 24.5
100 11.3	10.5 15.7



#49
Dibromochloromethane
Concen: 0.186 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion:129	Resp: 2134		
Ion Ratio	Lower	Upper	
129 100			
127 69.5	55.4	102.8	





#50

1,2-Dibromoethane

Concen: 0.181 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-01

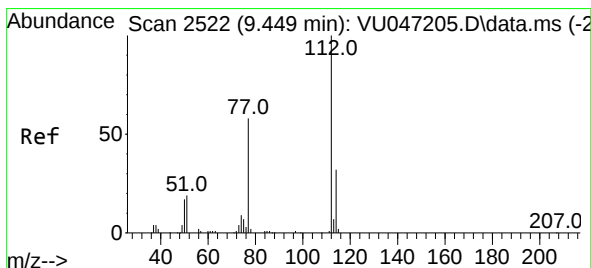
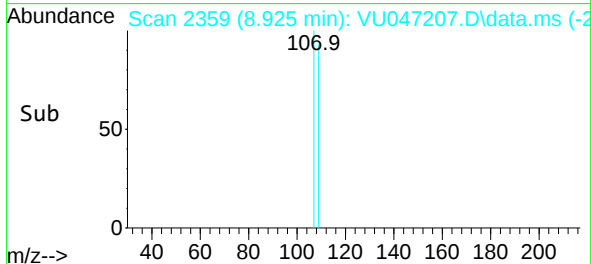
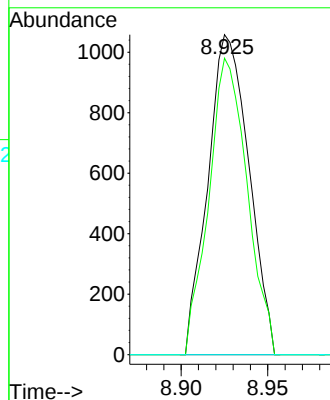
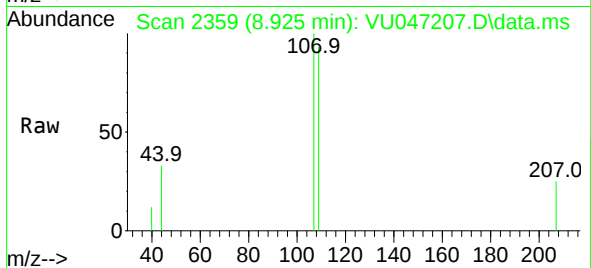
Tgt Ion:107 Resp: 1741

Ion Ratio Lower Upper

107 100

109 92.6 64.0 119.0

188 0.0 2.4 3.6#



#51

Chlorobenzene

Concen: 0.201 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

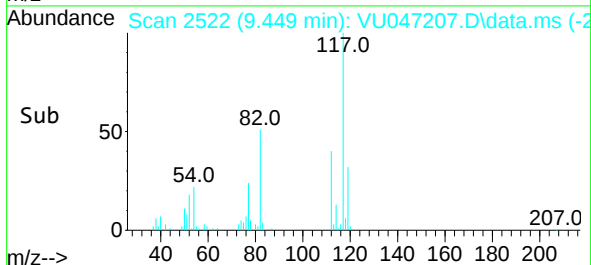
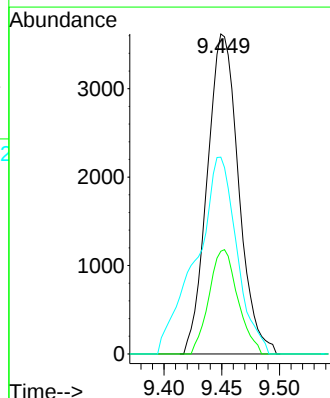
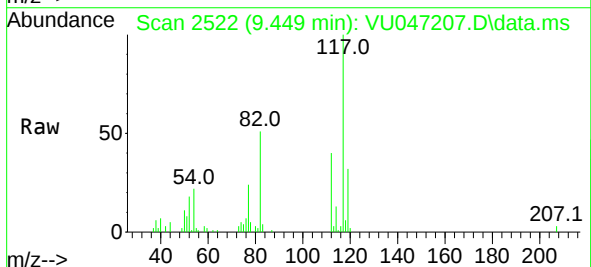
Tgt Ion:112 Resp: 6845

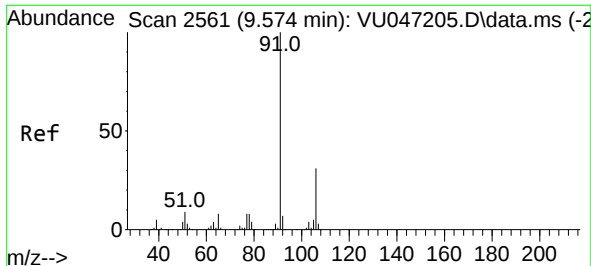
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 61.5 48.3 72.5

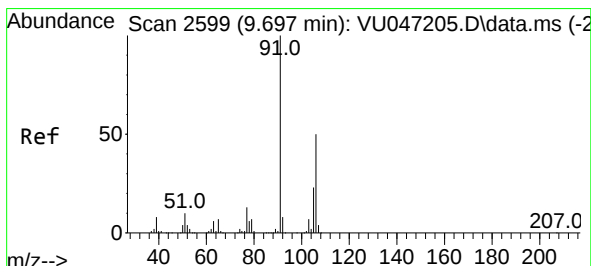
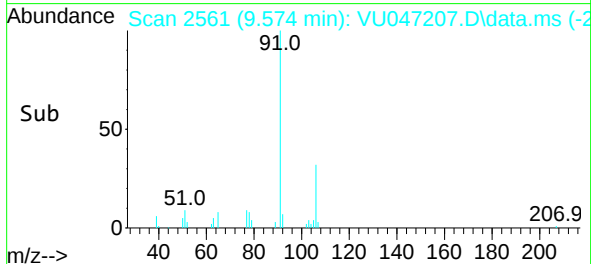
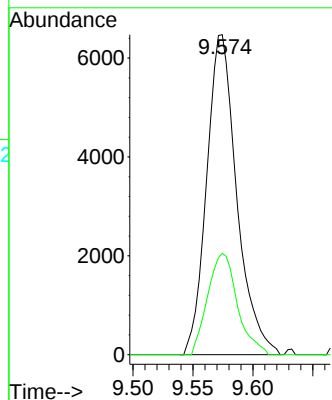
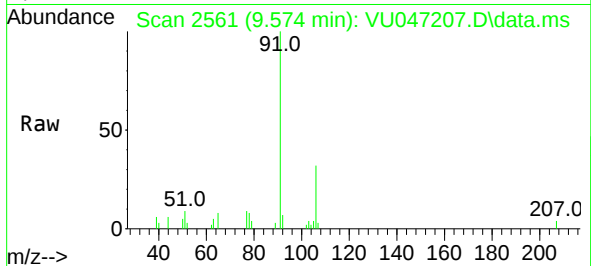




#52
Ethylbenzene
Concen: 0.195 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

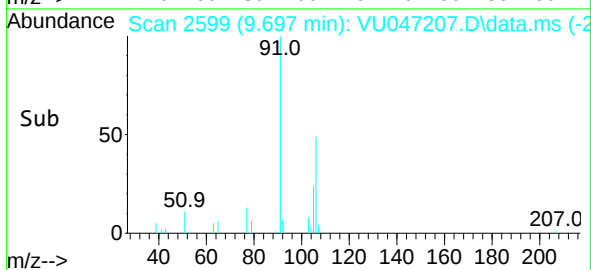
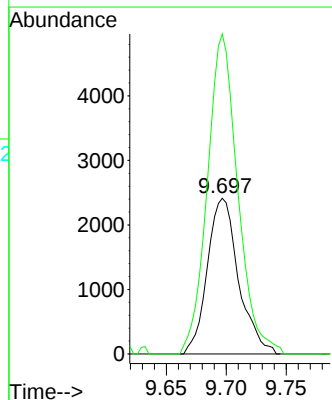
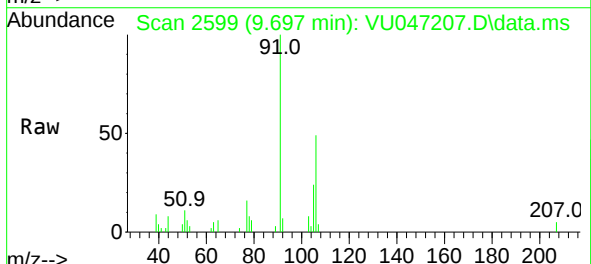
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01

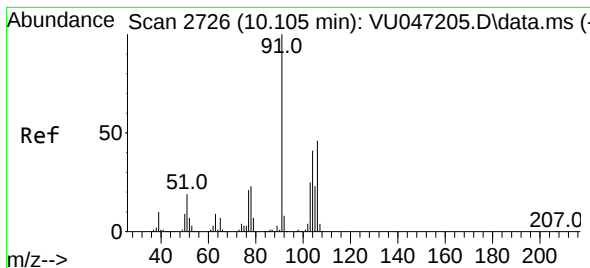
Tgt Ion: 91 Resp: 11302
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 0.192 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion: 106 Resp: 4365
Ion Ratio Lower Upper
106 100
91 205.6 139.4 259.0





#54

o-Xylene

Concen: 0.183 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.000 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

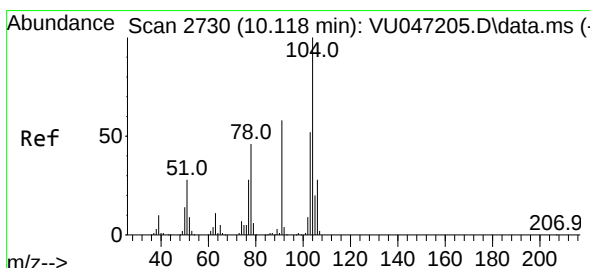
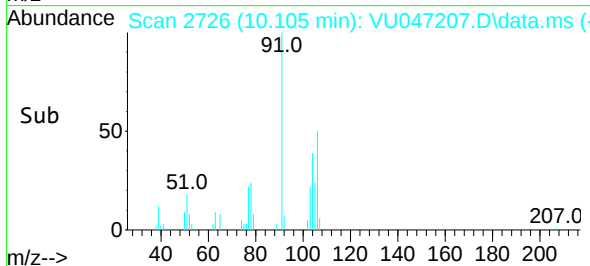
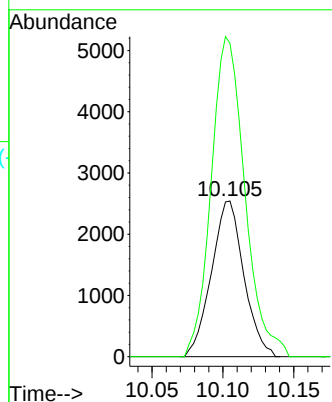
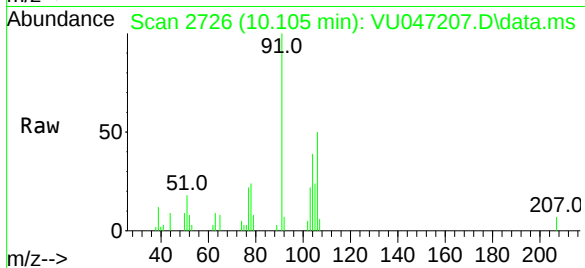
MDL-WATER-QT1-2022-01

Tgt Ion:106 Resp: 4050

Ion Ratio Lower Upper

106 100

91 201.3 147.5 273.9



#55

Styrene

Concen: 0.174 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU047207.D

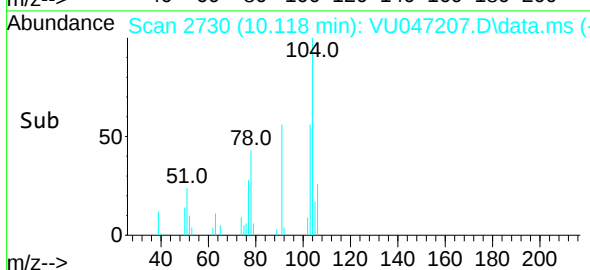
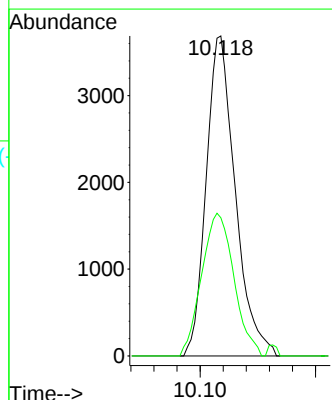
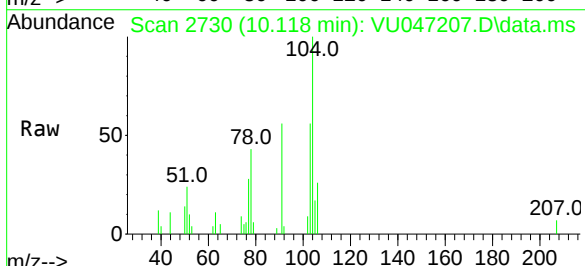
Acq: 17 Feb 2022 16:20

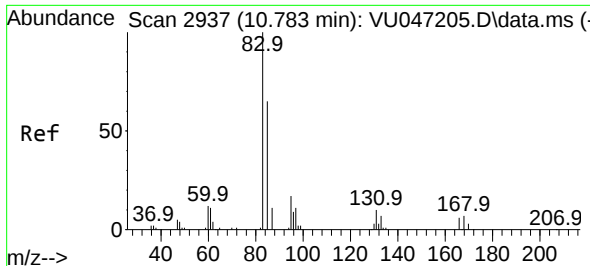
Tgt Ion:104 Resp: 6438

Ion Ratio Lower Upper

104 100

78 43.2 33.0 61.4

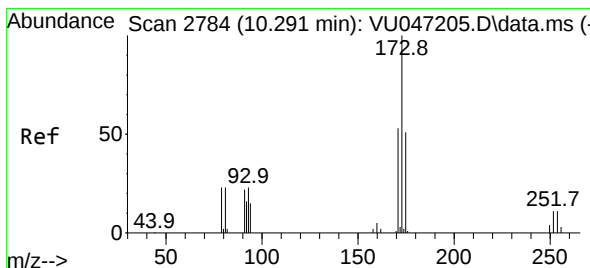
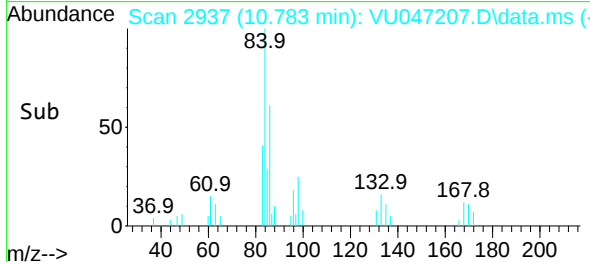
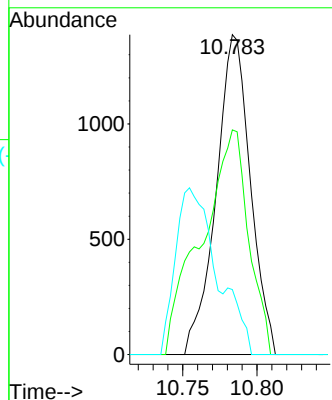
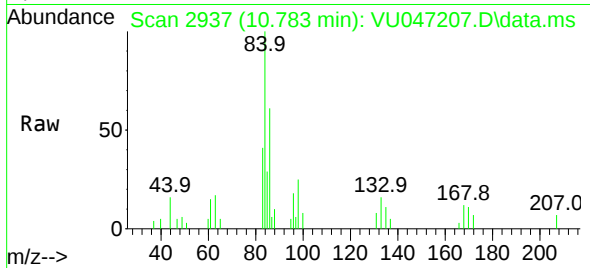




#57
1,1,2,2-Tetrachloroethane
Concen: 0.176 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

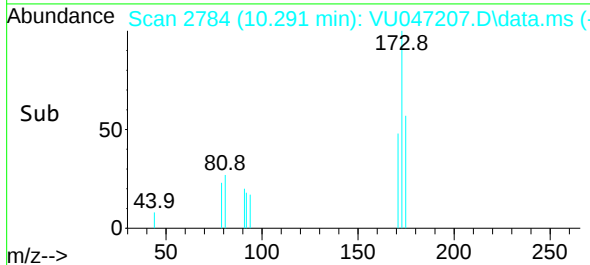
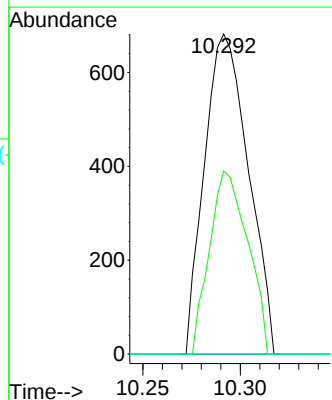
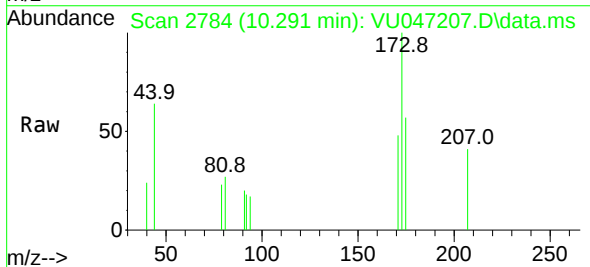
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2022-01

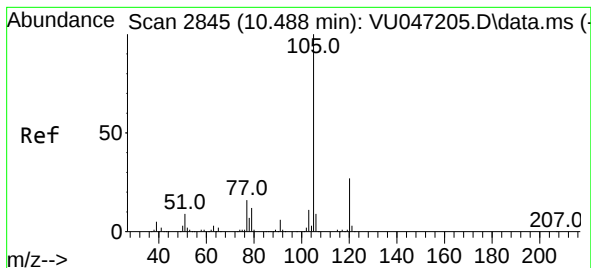
Tgt Ion: 83 Resp: 2220
Ion Ratio Lower Upper
83 100
85 70.2 47.9 89.1
131 20.3 8.1 12.1#



#59
Bromoform
Concen: 0.153 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion: 173 Resp: 1068
Ion Ratio Lower Upper
173 100
175 49.9 37.8 56.6
254 0.0 7.3 10.9#





#60

Isopropylbenzene

Concen: 0.190 ug/L

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

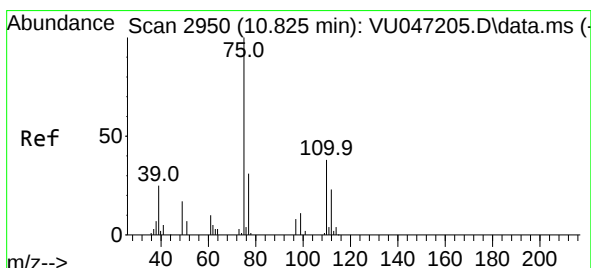
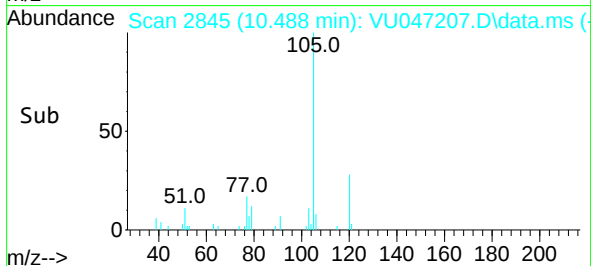
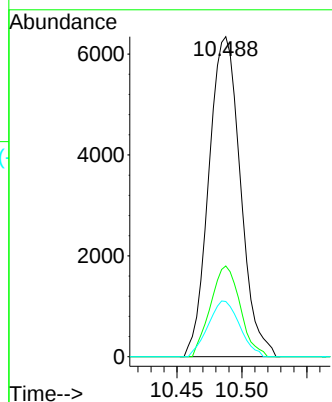
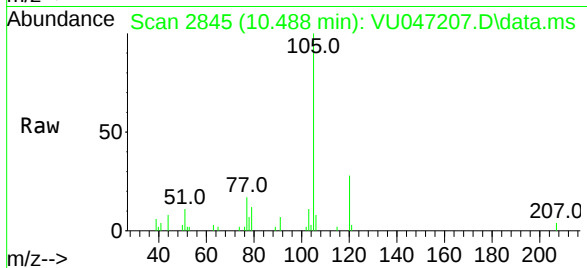
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-01

Tgt Ion:	105	Resp:	10716
Ion	Ratio	Lower	Upper
105	100		
120	26.7	20.7	31.1
77	17.3	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 0.175 ug/L

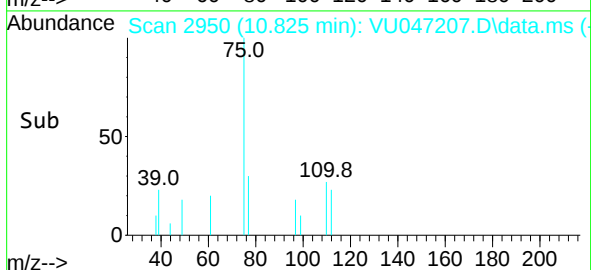
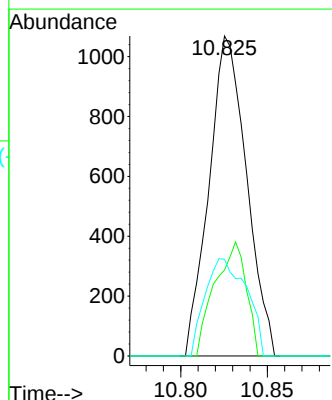
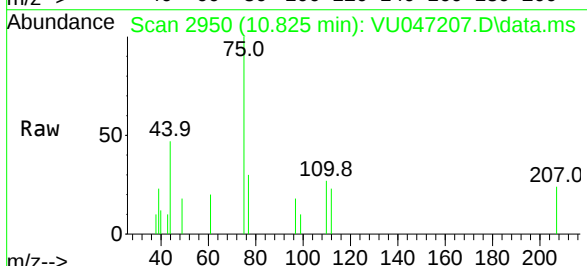
RT: 10.825 min Scan# 2950

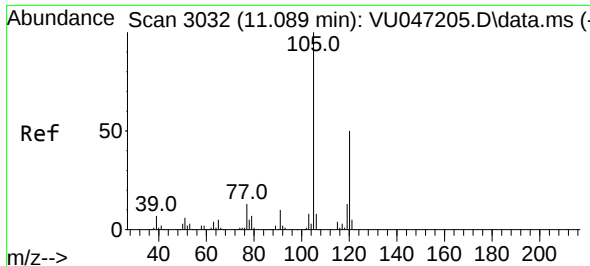
Delta R.T. 0.000 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Tgt Ion:	75	Resp:	1607
Ion	Ratio	Lower	Upper
75	100		
110	29.7	29.9	44.9#
77	33.4	25.5	38.3

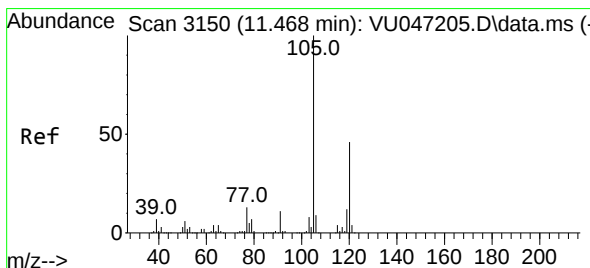
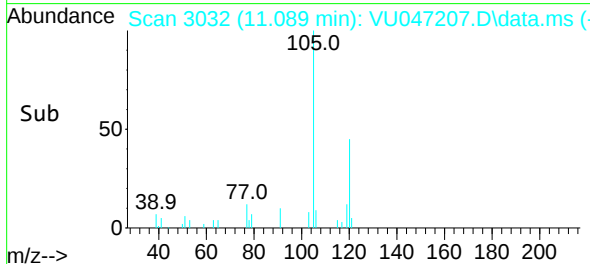
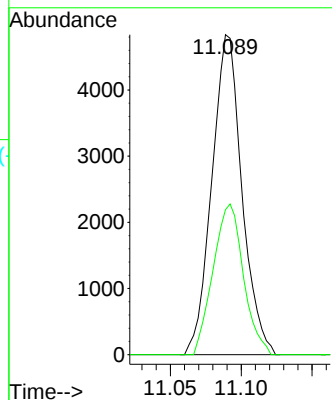
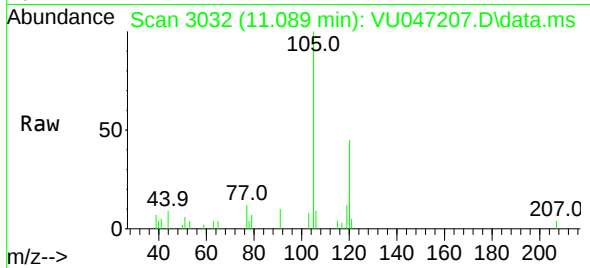




#62
 1,3,5-Trimethylbenzene
 Concen: 0.190 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047207.D
 Acq: 17 Feb 2022 16:20

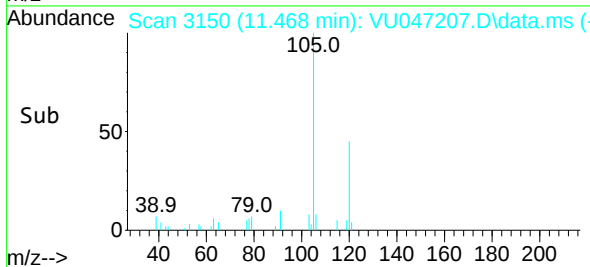
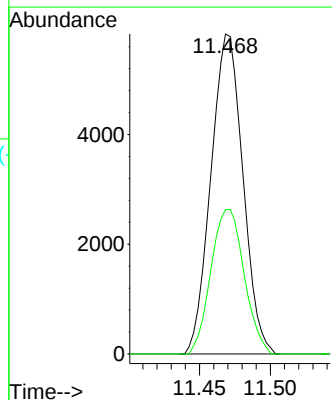
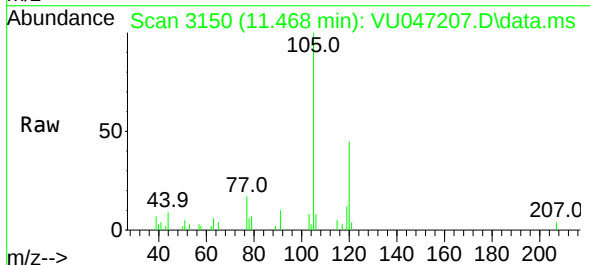
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2022-01

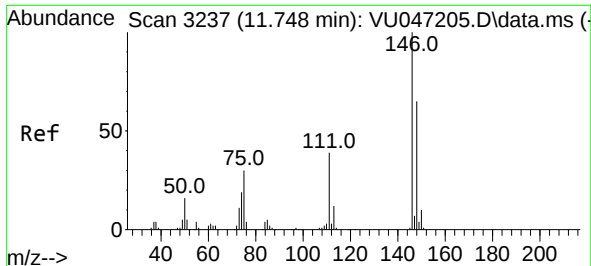
Tgt Ion:105 Resp: 7138
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 0.189 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047207.D
 Acq: 17 Feb 2022 16:20

Tgt Ion:105 Resp: 9138
 Ion Ratio Lower Upper
 105 100
 120 46.9 35.8 53.8

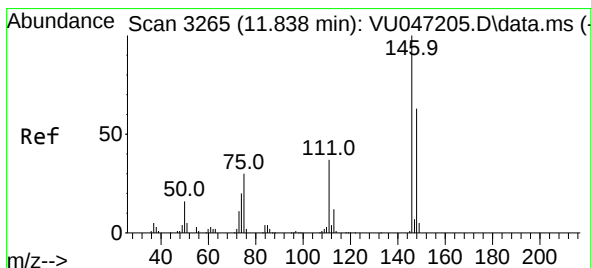
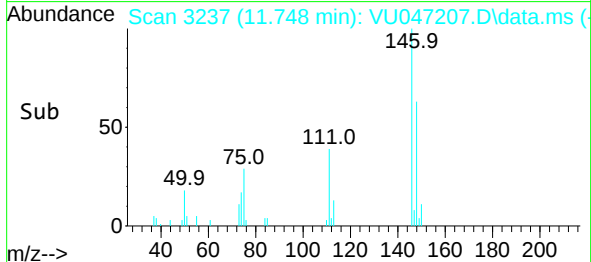
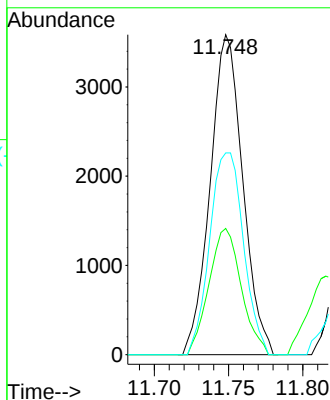
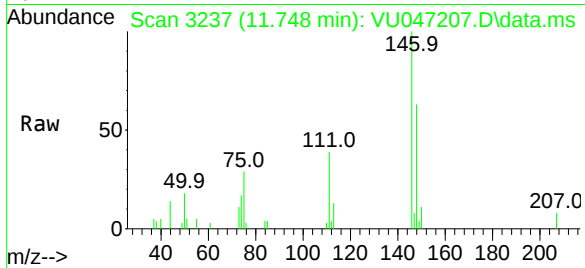




#64
1,3-Dichlorobenzene
Concen: 0.201 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

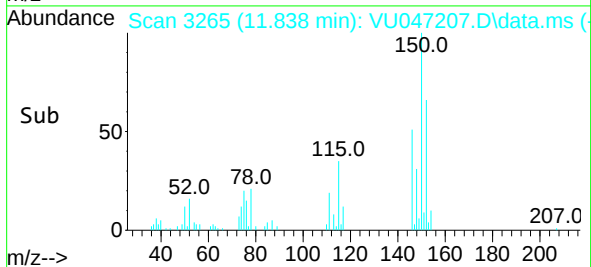
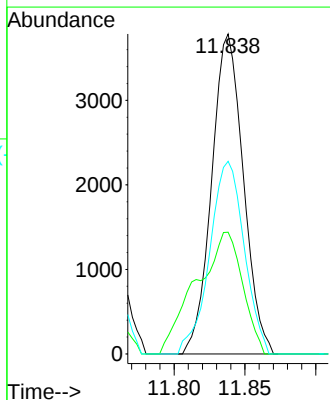
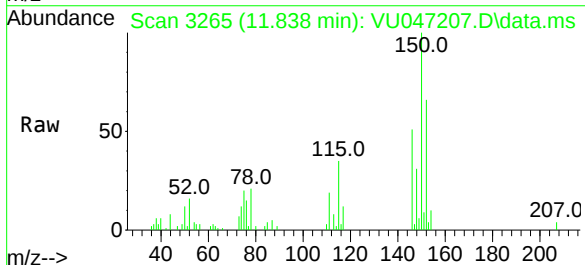
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01

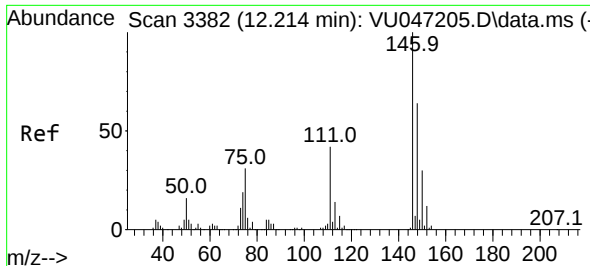
Tgt Ion:	146	Resp:	5472
Ion	Ratio	Lower	Upper
146	100		
111	39.4	29.9	55.5
148	63.1	44.3	82.3



#65
1,4-Dichlorobenzene
Concen: 0.214 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion:	146	Resp:	5888
Ion	Ratio	Lower	Upper
146	100		
111	38.1	28.7	53.3
148	60.2	45.8	85.0





#67

1,2-Dichlorobenzene

Concen: 0.206 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

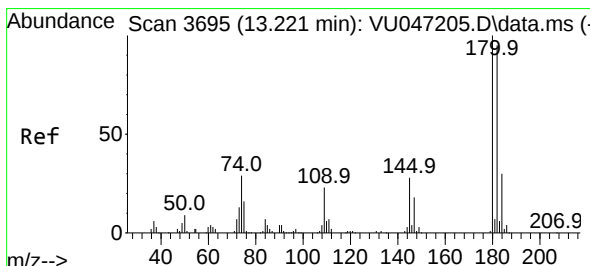
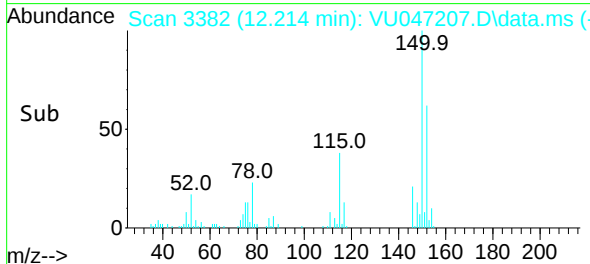
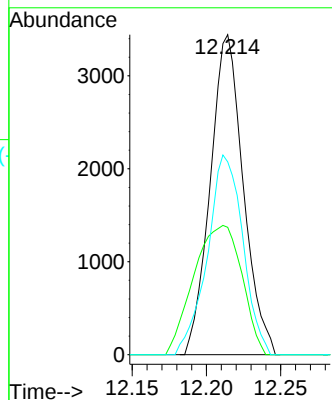
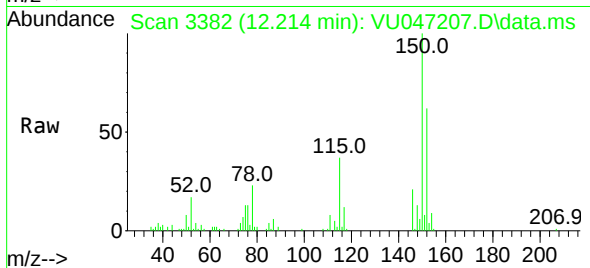
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-01

Tgt Ion:146	Resp:	5325
Ion Ratio	Lower	Upper
146	100	
111	39.8	35.4 53.0
148	60.3	51.1 76.7



#69

1,3,5-Trichlorobenzene

Concen: 0.187 ug/L

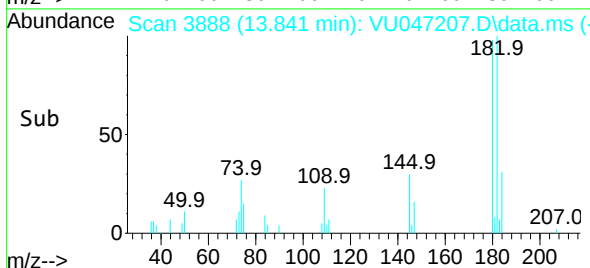
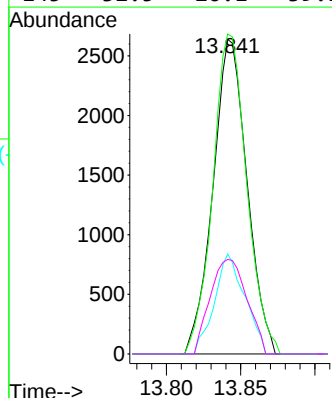
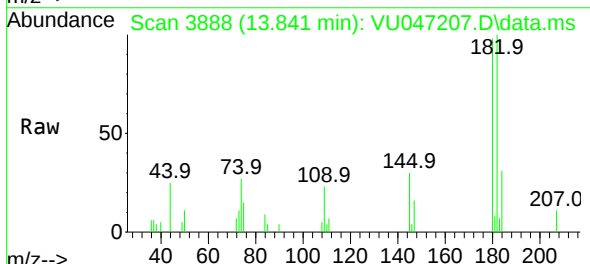
RT: 13.841 min Scan# 3888

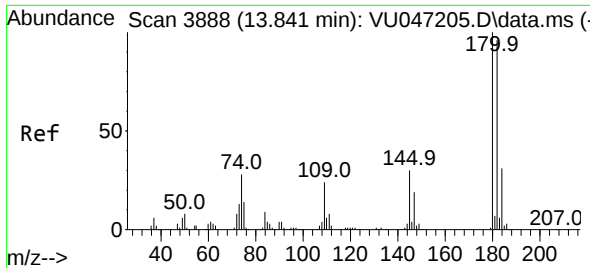
Delta R.T. 0.621 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Tgt Ion:180	Resp:	4201
Ion Ratio	Lower	Upper
180	100	
182	101.2	76.1 114.1
184	28.5	25.0 37.4
145	32.5	26.1 39.1

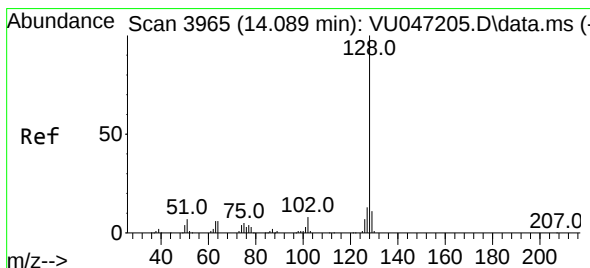
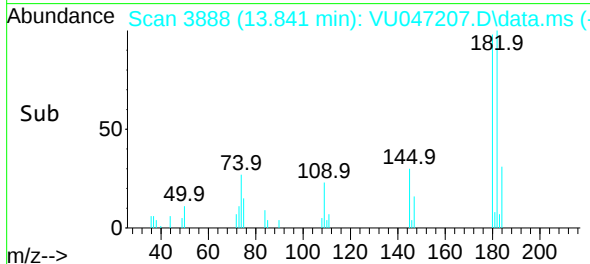
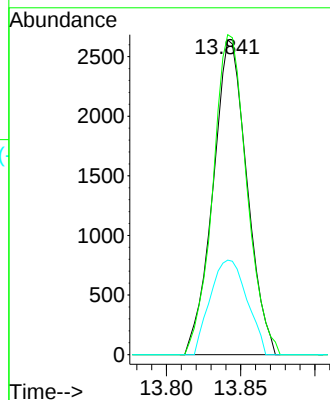
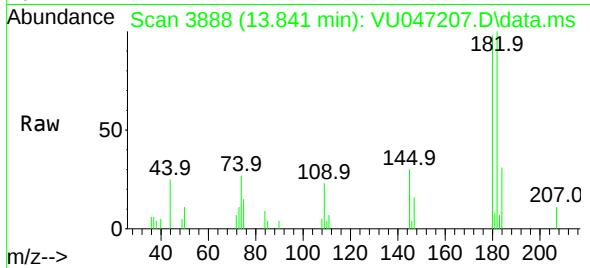




#70
1,2,4-trichlorobenzene
Concen: 0.201 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

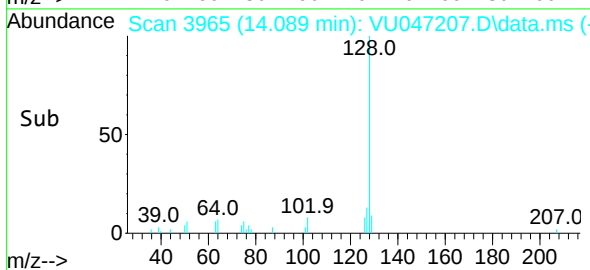
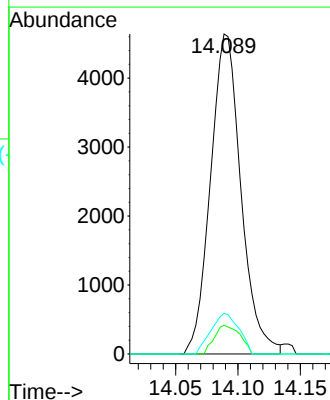
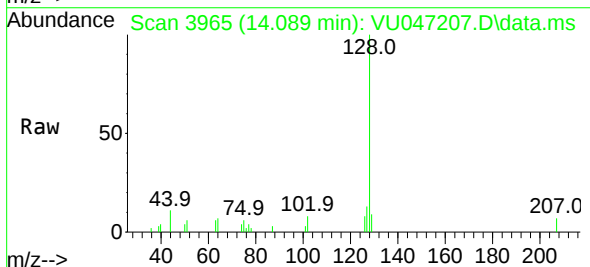
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01

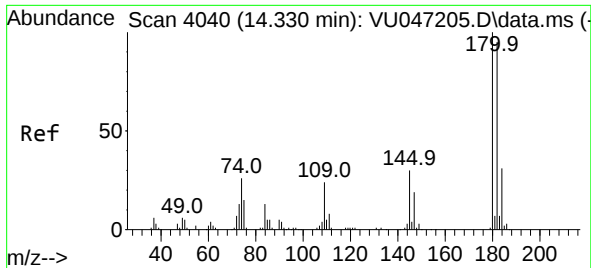
Tgt Ion:	180	Resp:	4201
Ion Ratio	Lower	Upper	
180	100		
182	101.2	76.4	114.6
145	32.5	25.6	38.4



#71
Naphthalene
Concen: 0.183 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

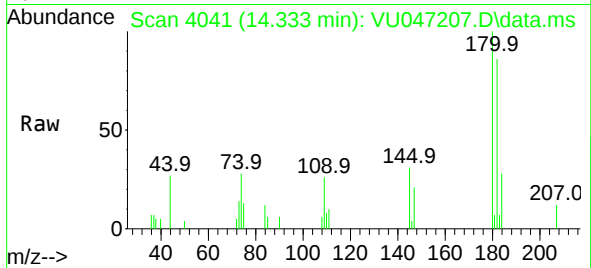
Tgt Ion:	128	Resp:	7893
Ion Ratio	Lower	Upper	
128	100		
129	7.5	8.4	12.6#
127	11.6	10.2	15.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.201 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU047207.D
 Acq: 17 Feb 2022 16:20

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2022-01



Tgt Ion:	180	Resp:	3954
Ion	Ratio	Lower	Upper
180	100		
182	86.7	76.2	114.4
145	29.8	28.4	42.6

