

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021722\
 Data File : VU047201.D
 Acq On : 17 Feb 2022 13:13
 Operator : SY/MD
 Sample : N1331-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2022-02

Quant Time: Feb 18 00:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 18 00:54:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	354385	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	353731	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	193617	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	124767	38.765	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.540%		
7) Chloroethane-d5	1.916	69	107274	44.962	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.920%		
11) 1,1-Dichloroethene-d2	2.572	63	163798	30.710	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.420%		
21) 2-Butanone-d5	4.623	46	250016	100.160	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.160%		
24) Chloroform-d	5.067	84	235432	45.058	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.120%		
26) 1,2-Dichloroethane-d4	5.707	65	156477	46.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.320%		
32) Benzene-d6	5.732	84	482482	41.027	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.060%		
36) 1,2-Dichloropropane-d6	6.694	67	158733	41.622	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.240%		
41) Toluene-d8	7.903	98	459418	41.030	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.060%		
43) trans-1,3-Dichloroprop...	8.182	79	78174	39.115	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.220%		
47) 2-Hexanone-d5	8.632	63	184761	84.564	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.560%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	243554	43.798	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	194003	42.249	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	7608	2.304	ug/L	99
3) Chloromethane	1.527	50	8445	2.585	ug/L	99
5) Vinyl chloride	1.607	62	8224	2.498	ug/L #	75
6) Bromomethane	1.858	94	4807	2.510	ug/L	94
8) Chloroethane	1.938	64	4602	2.424	ug/L	91
9) Trichlorofluoromethane	2.144	101	9741	2.555	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	7057	3.005	ug/L	89
12) 1,1-Dichloroethene	2.584	96	6299	2.733	ug/L #	1
13) Acetone	2.633	43	10069	5.537	ug/L	98
14) Carbon disulfide	2.800	76	16927	2.340	ug/L	100
15) Methyl Acetate	2.957	43	7820	2.556	ug/L	91
16) Methylene chloride	3.051	84	7194	2.821	ug/L	95
17) trans-1,2-Dichloroethene	3.359	96	5546	2.291	ug/L	83
18) Methyl tert-butyl Ether	3.369	73	18857	2.303	ug/L #	94
19) 1,1-Dichloroethane	3.874	63	10492	2.307	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	7051	2.633	ug/L	95
22) 2-Butanone	4.713	43	12601	5.165	ug/L	76
23) Bromochloromethane	4.980	128	3438	2.421	ug/L	96
27) 1,2-Dichloroethane	5.800	62	9701	2.741	ug/L	98

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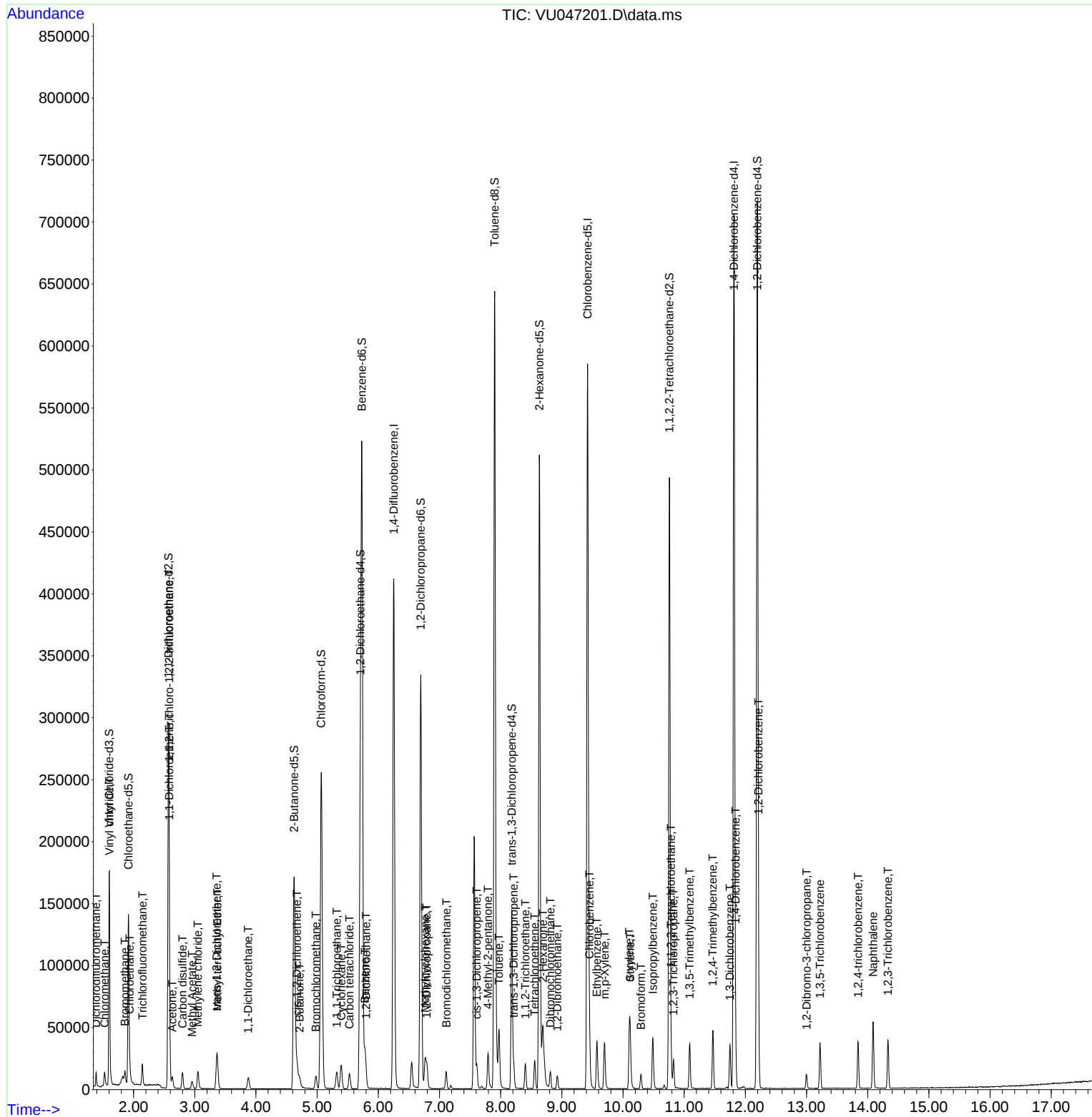
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.395	56	9855	2.126	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	9545	2.253	ug/L	98
31) Carbon tetrachloride	5.526	117	7993	2.176	ug/L	96
33) Benzene	5.780	78	25028	2.268	ug/L	100
35) Methylcyclohexane	6.768	83	10979	2.283	ug/L	97
37) 1,2-Dichloropropane	6.793	63	6599	2.233	ug/L #	91
38) Bromodichloromethane	7.112	83	8687	2.306	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	10410	2.167	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	20547	4.390	ug/L #	91
42) Toluene	7.973	91	35141	2.900	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	10062	2.180	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	6344	2.279	ug/L	98
46) Tetrachloroethene	8.555	164	5734	2.487	ug/L	87
48) 2-Hexanone	8.690	43	34186	8.833	ug/L	98
49) Dibromochloromethane	8.813	129	7279	2.260	ug/L	95
50) 1,2-Dibromoethane	8.925	107	7200	2.329	ug/L	98
51) Chlorobenzene	9.452	112	18695	2.406	ug/L	99
52) Ethylbenzene	9.575	91	31072	2.343	ug/L	100
53) m,p-Xylene	9.700	106	12062	2.292	ug/L	90
54) o-xylene	10.102	106	11814	2.280	ug/L	87
55) Styrene	10.118	104	19128	2.146	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	12746	2.598	ug/L #	98
59) Bromoform	10.292	173	5414	2.060	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	9363	2.269	ug/L	99
61) Isopropylbenzene	10.488	105	30339	2.229	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	20189	2.093	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	26688	2.279	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	14749	2.322	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	15467	2.423	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	15392	2.435	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	3003	2.284	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	12055	2.454	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	12255	2.632	ug/L	98
71) Naphthalene	14.089	128	44045	2.672	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	12792	2.759	ug/L	97

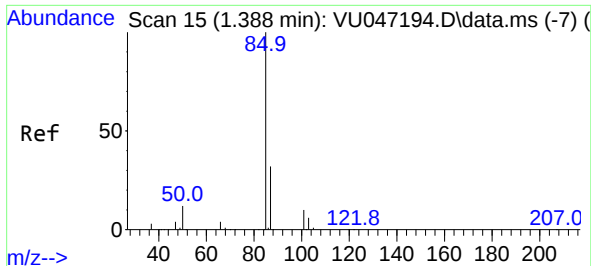
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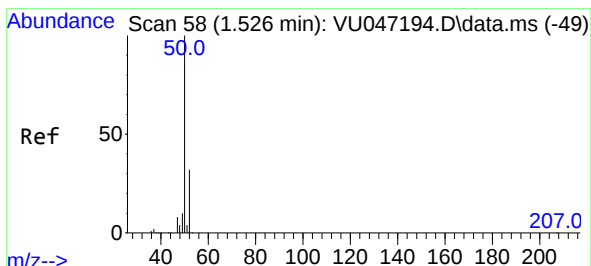
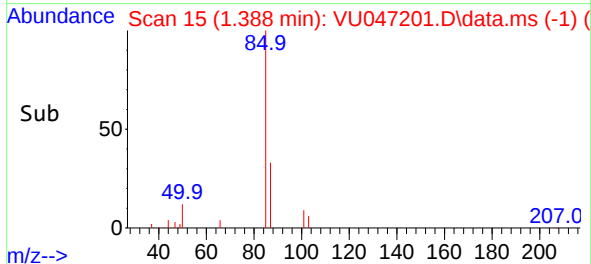
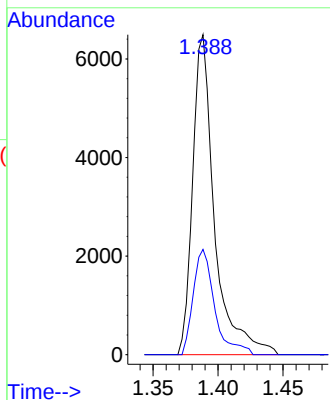
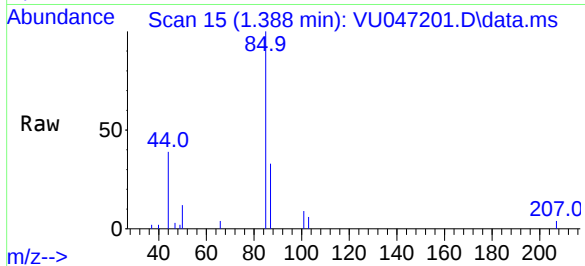




#2
Dichlorodifluoromethane
Concen: 2.304 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

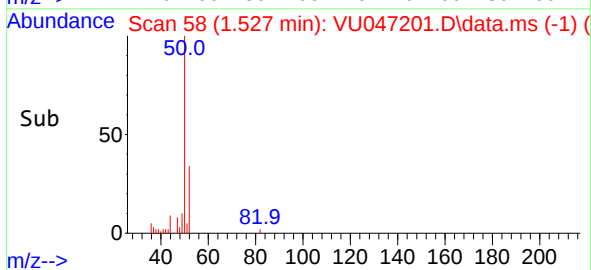
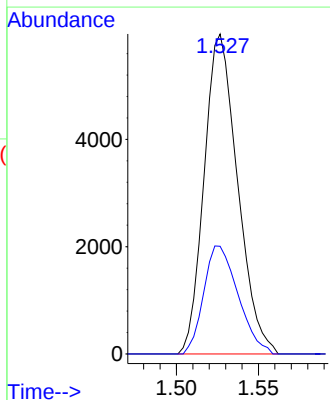
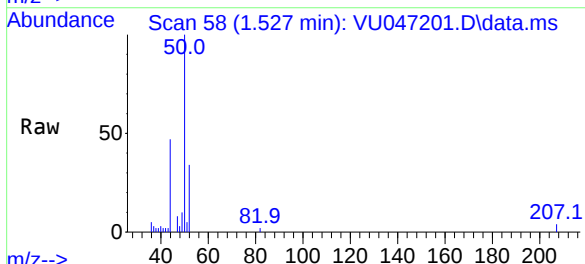
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ClientSampleId :
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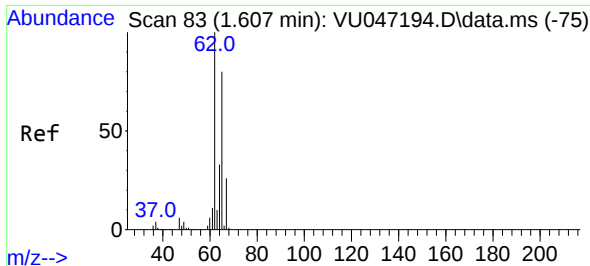
Tgt Ion: 85 Resp: 7608
Ion Ratio Lower Upper
85 100
87 32.3 25.6 38.4



#3
Chloromethane
Concen: 2.585 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion: 50 Resp: 8445
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2

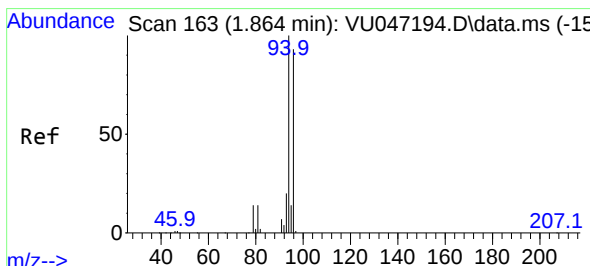
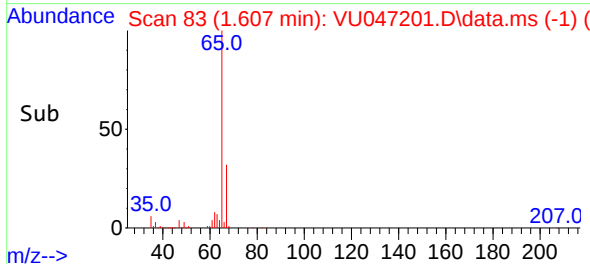
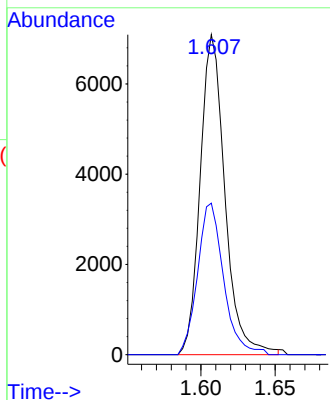
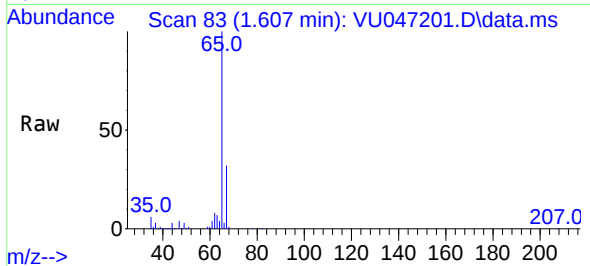




#5
 Vinyl chloride
 Concen: 2.498 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047201.D
 Acq: 17 Feb 2022 13:13

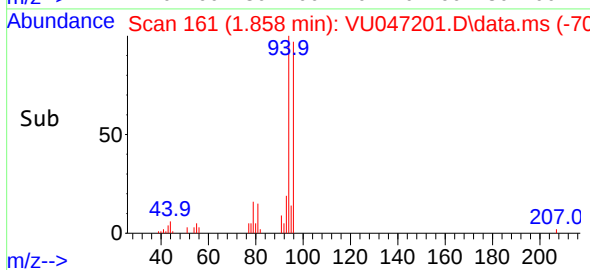
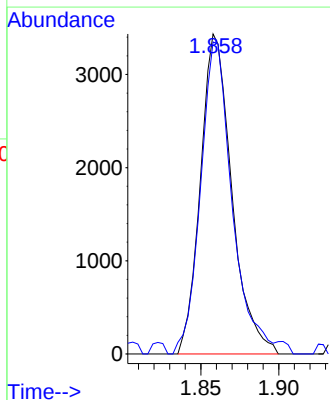
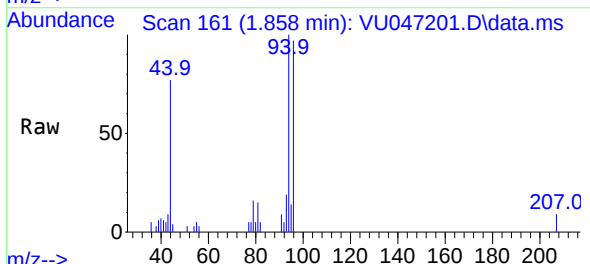
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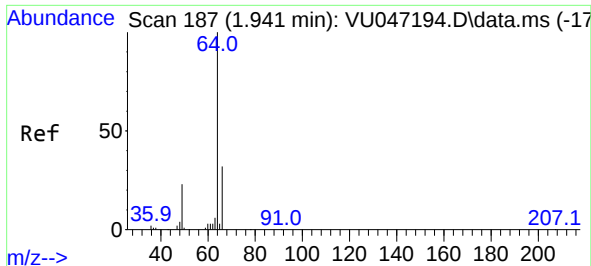
Tgt Ion: 62 Resp: 8224
 Ion Ratio Lower Upper
 62 100
 64 47.3 23.1 42.9#



#6
 Bromomethane
 Concen: 2.510 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.006 min
 Lab File: VU047201.D
 Acq: 17 Feb 2022 13:13

Tgt Ion: 94 Resp: 4807
 Ion Ratio Lower Upper
 94 100
 96 97.5 64.4 119.6

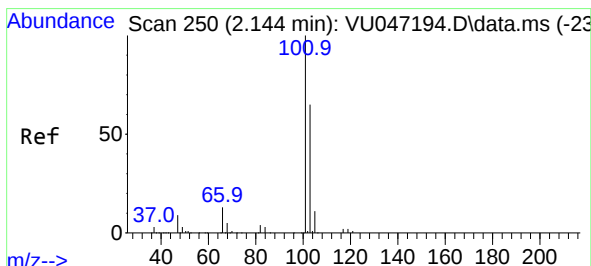
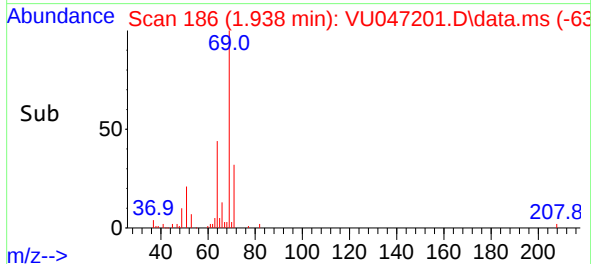
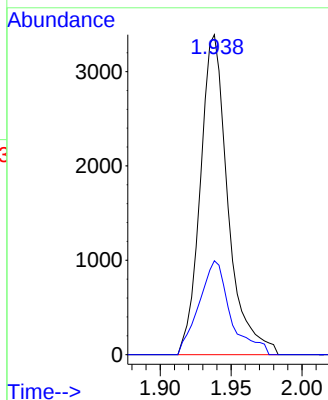
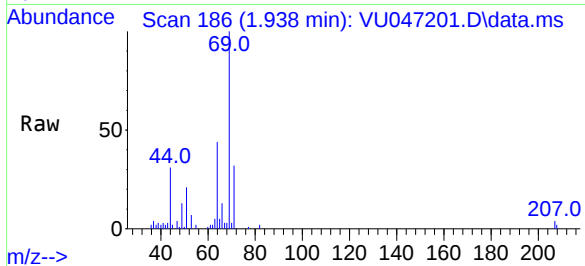




#8
Chloroethane
Concen: 2.424 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

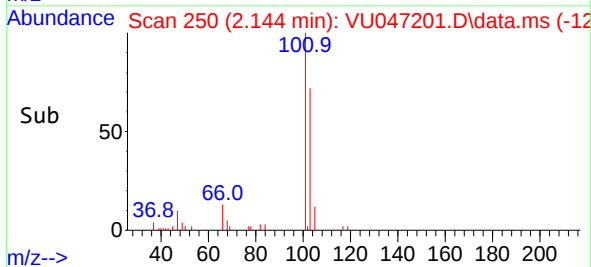
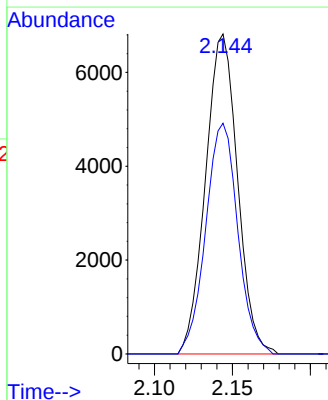
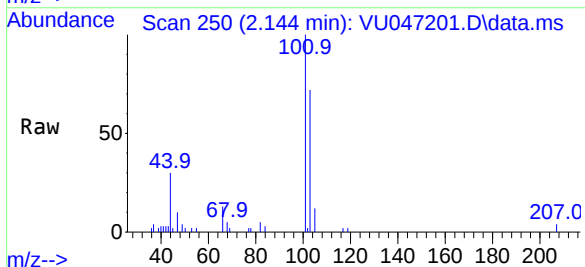
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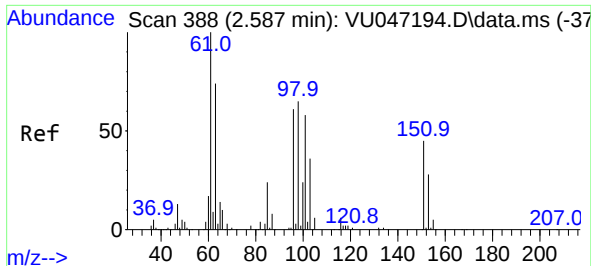
Tgt Ion: 64 Resp: 4602
Ion Ratio Lower Upper
64 100
66 29.3 24.4 45.2



#9
Trichlorofluoromethane
Concen: 2.555 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion:101 Resp: 9741
Ion Ratio Lower Upper
101 100
103 72.1 52.0 78.0

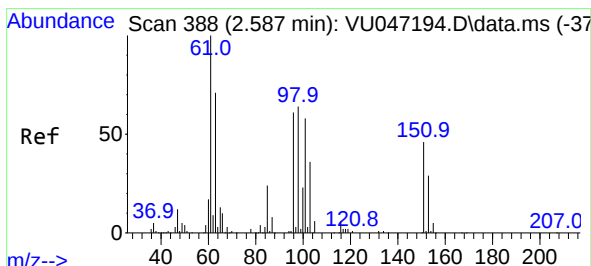
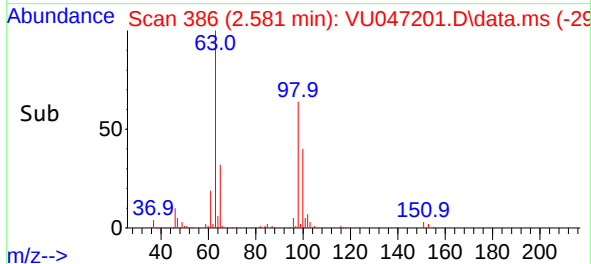
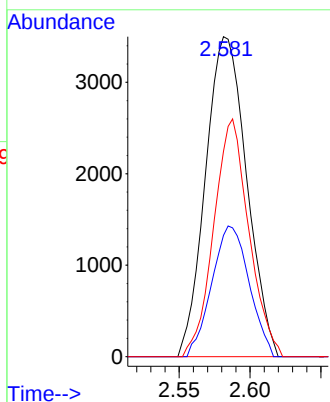
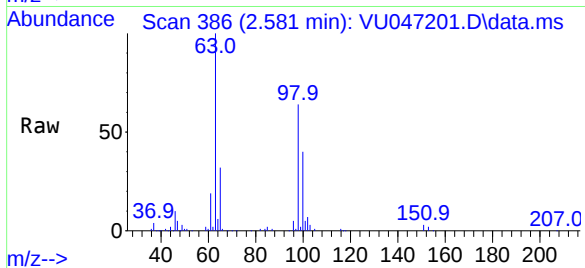




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.005 ug/L
 RT: 2.581 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VU047201.D
 Acq: 17 Feb 2022 13:13

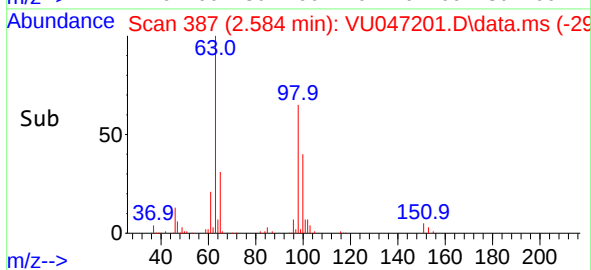
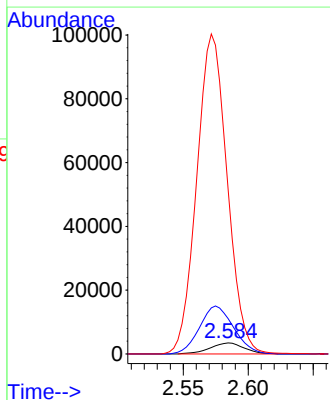
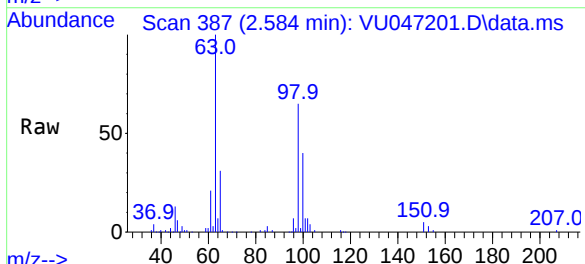
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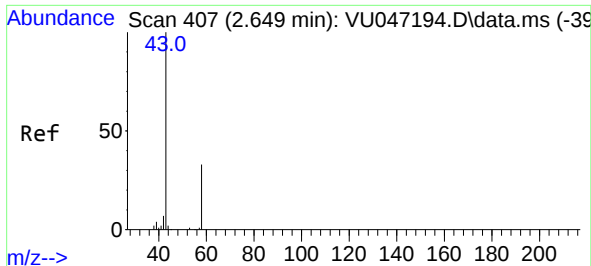
Tgt Ion:101 Resp: 7057
 Ion Ratio Lower Upper
 101 100
 85 37.1 34.9 52.3
 151 63.6 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 2.733 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047201.D
 Acq: 17 Feb 2022 13:13

Tgt Ion: 96 Resp: 6299
 Ion Ratio Lower Upper
 96 100
 61 320.5 114.9 213.3#
 63 1494.4 86.0 159.8#

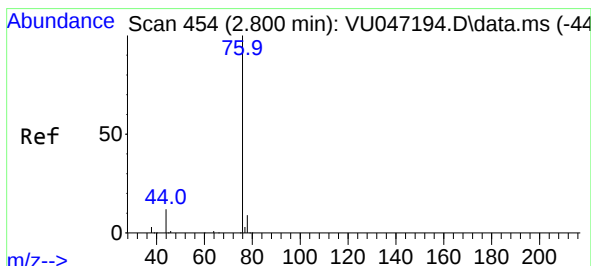
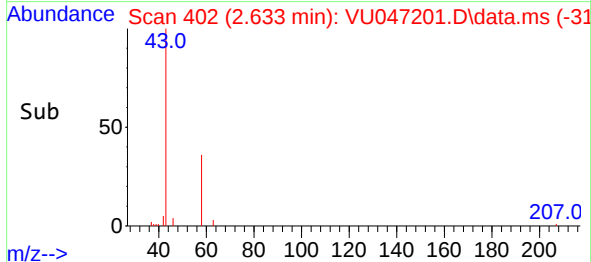
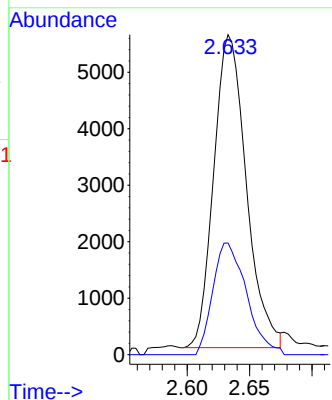
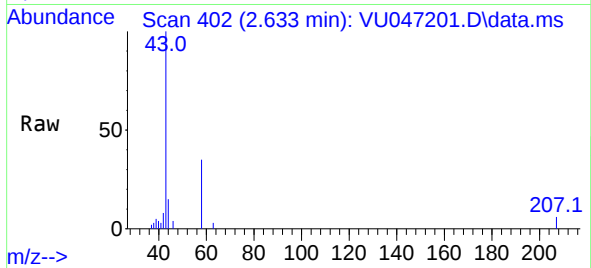




#13
Acetone
Concen: 5.537 ug/L
RT: 2.633 min Scan# 407
Delta R.T. -0.016 min
Lab File: VU047201.D
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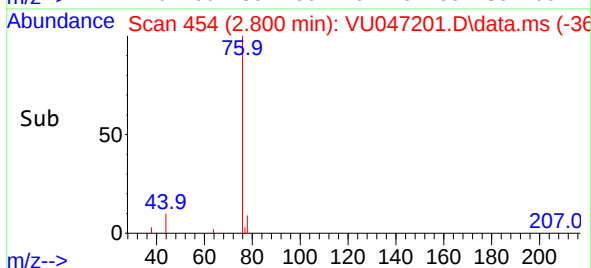
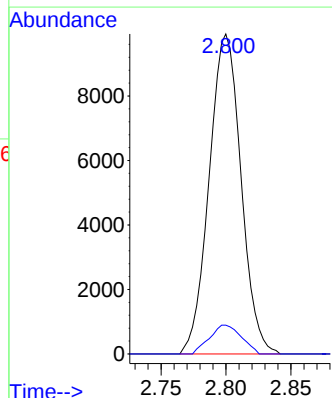
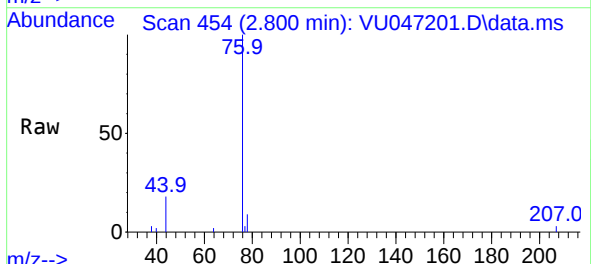
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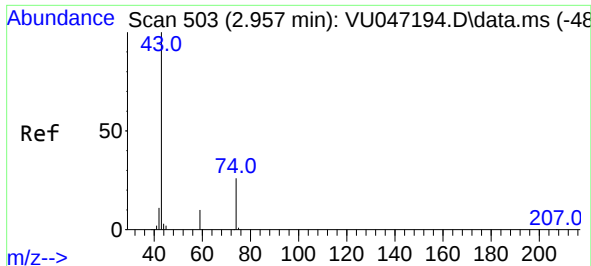
Tgt Ion: 43 Resp: 10069
Ion Ratio Lower Upper
43 100
58 36.8 0.0 71.0



#14
Carbon disulfide
Concen: 2.340 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 16927
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

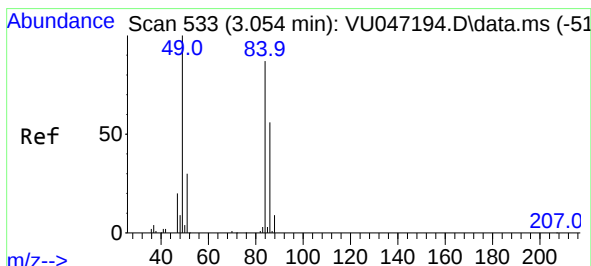
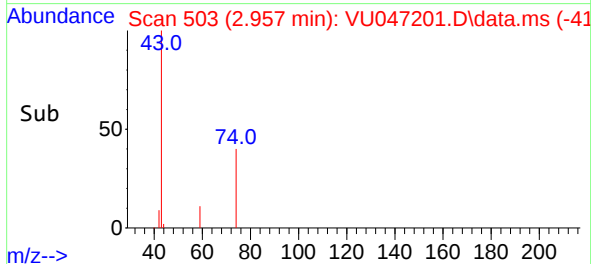
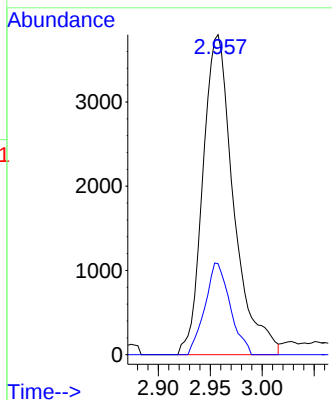
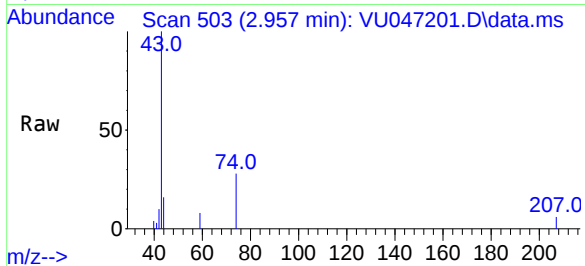




#15
Methyl Acetate
Concen: 2.556 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

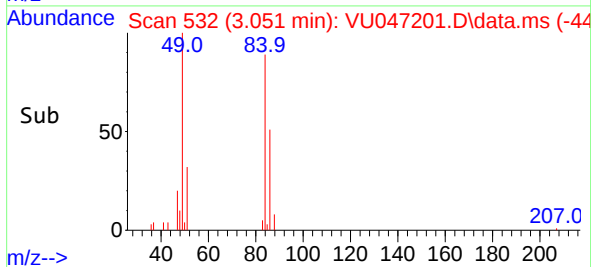
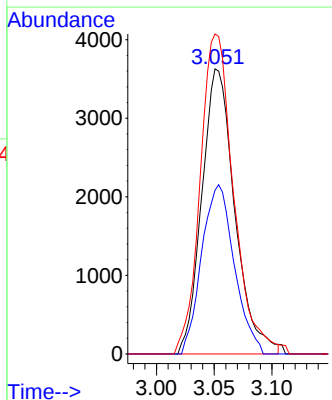
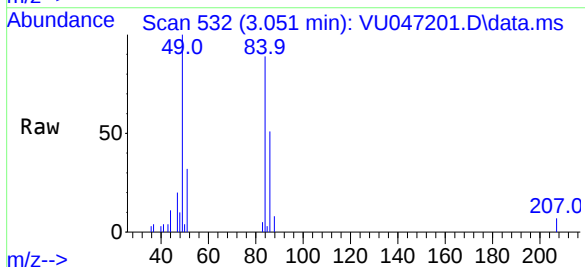
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-02

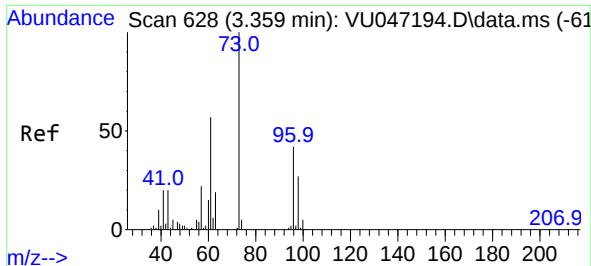
Tgt Ion: 43 Resp: 7820
Ion Ratio Lower Upper
43 100
74 23.4 22.3 33.5



#16
Methylene chloride
Concen: 2.821 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion: 84 Resp: 7194
Ion Ratio Lower Upper
84 100
86 57.4 44.7 82.9
49 112.2 75.9 141.1

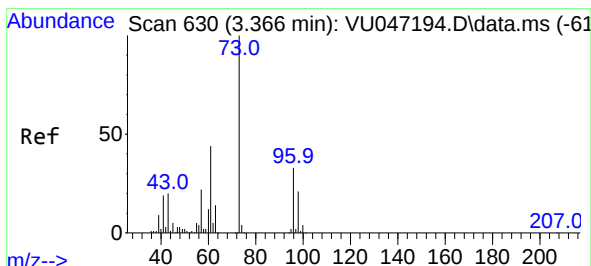
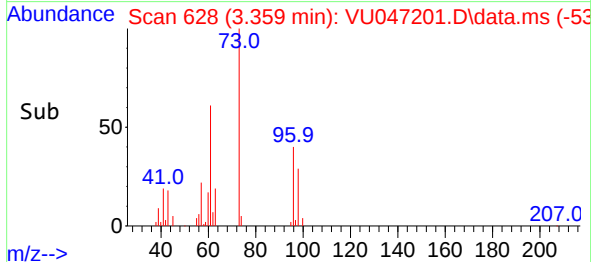
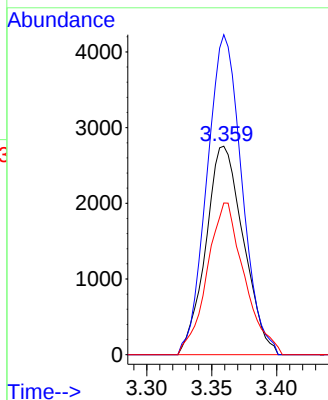
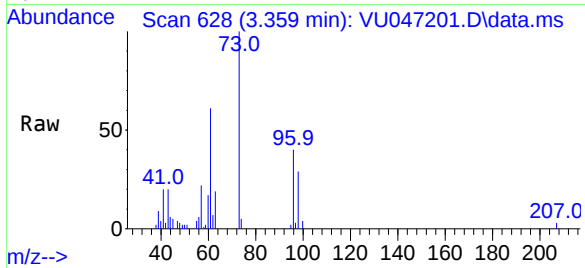




#17
trans-1,2-Dichloroethene
Concen: 2.291 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

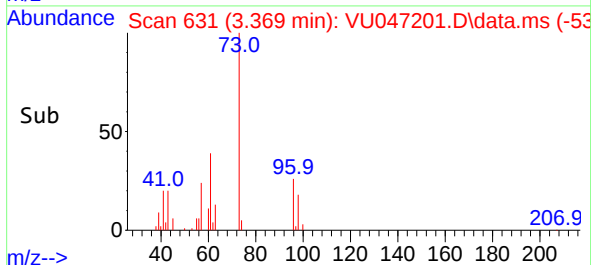
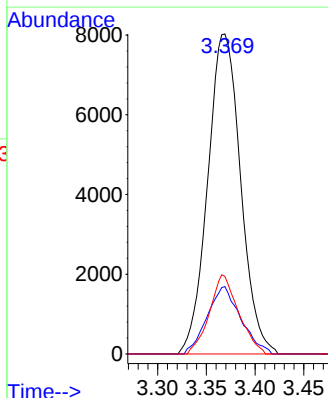
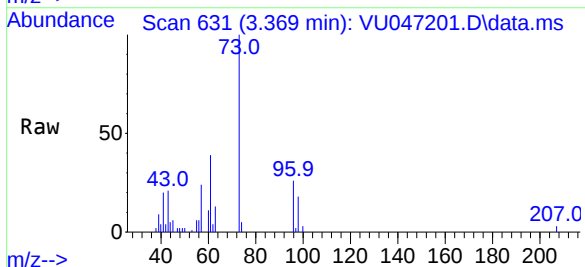
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-02

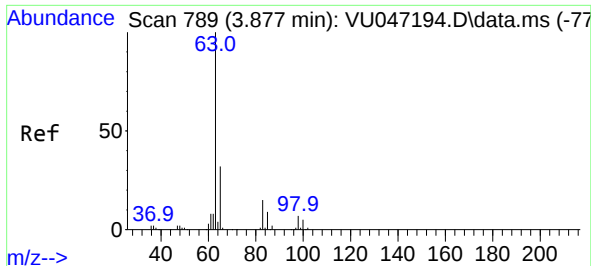
Tgt Ion: 96 Resp: 5546
Ion Ratio Lower Upper
96 100
61 153.5 92.5 171.9
98 72.7 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 2.303 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion: 73 Resp: 18857
Ion Ratio Lower Upper
73 100
43 21.4 14.1 21.1#
57 21.9 16.4 24.6





#19

1,1-Dichloroethane

Concen: 2.307 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU047201.D

Acq: 17 Feb 2022 13:13

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-02

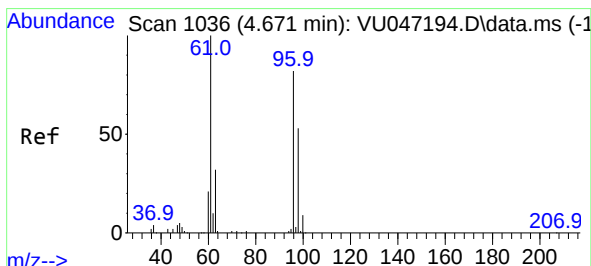
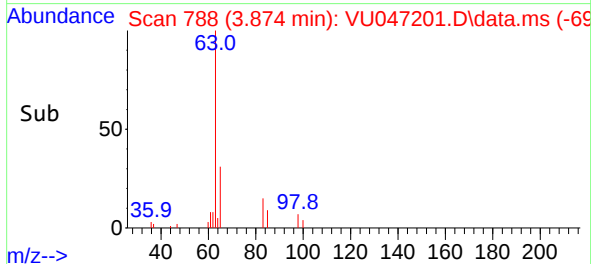
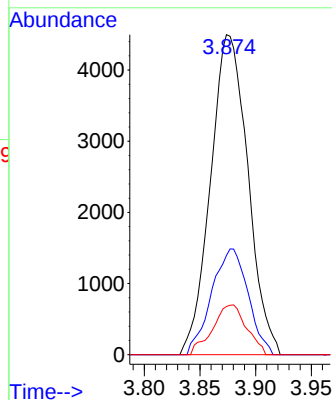
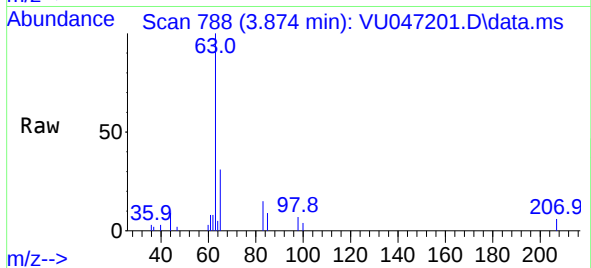
Tgt Ion: 63 Resp: 10492

Ion Ratio Lower Upper

63 100

65 31.0 22.8 42.4

83 15.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 2.633 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047201.D

Acq: 17 Feb 2022 13:13

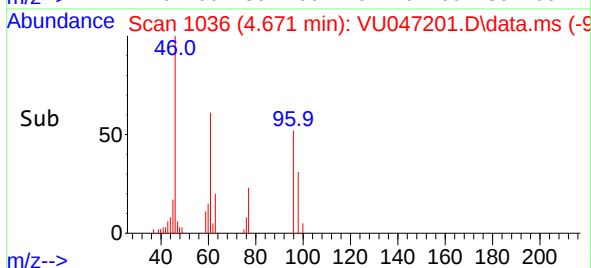
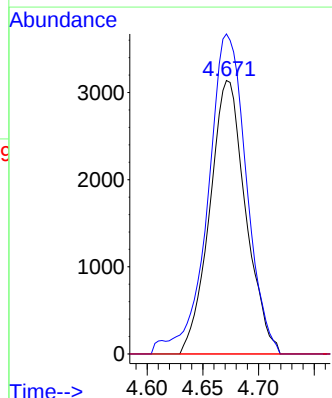
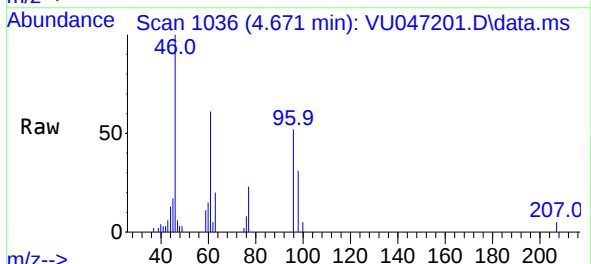
Tgt Ion: 96 Resp: 7051

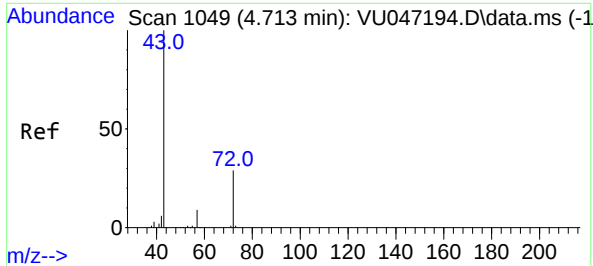
Ion Ratio Lower Upper

96 100

61 117.1 86.0 159.6

68 0.0 0.0 0.0

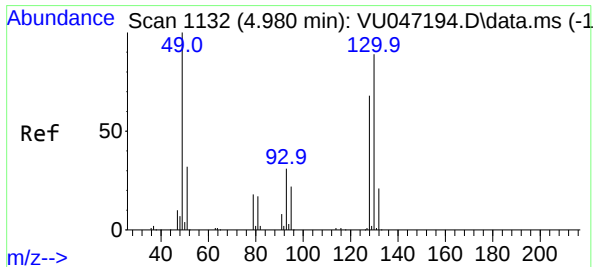
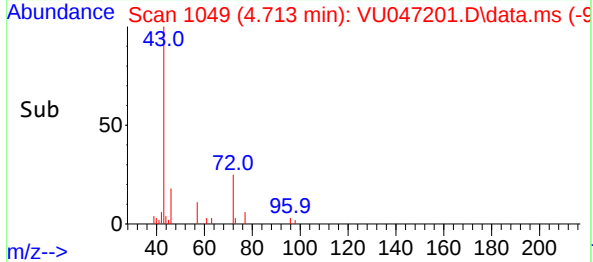
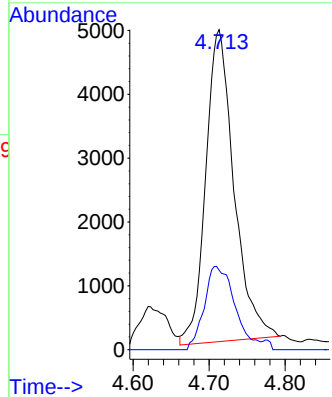
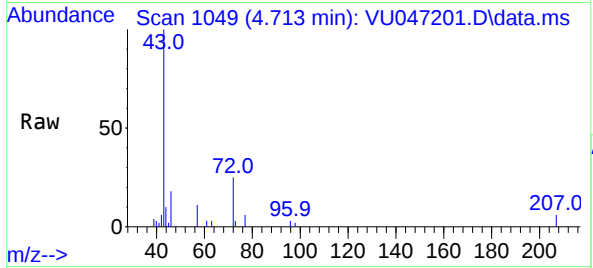




#22
2-Butanone
Concen: 5.165 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

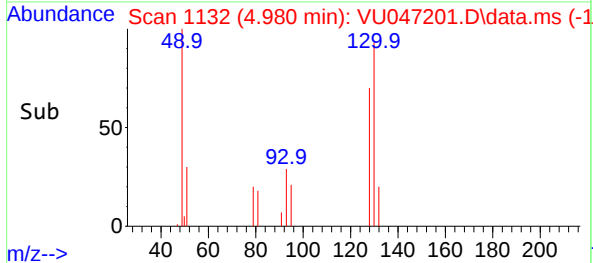
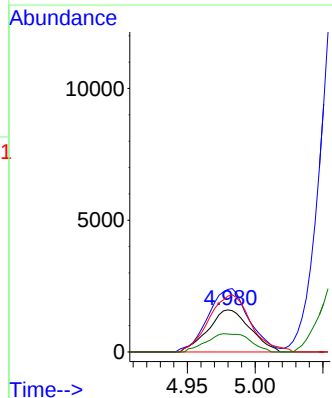
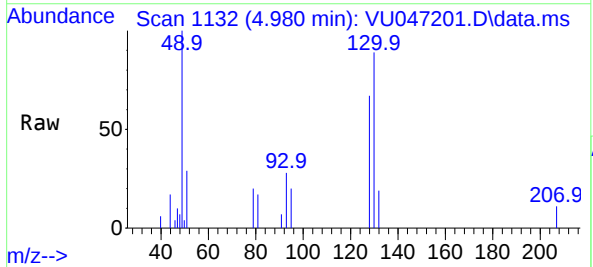
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2022-02

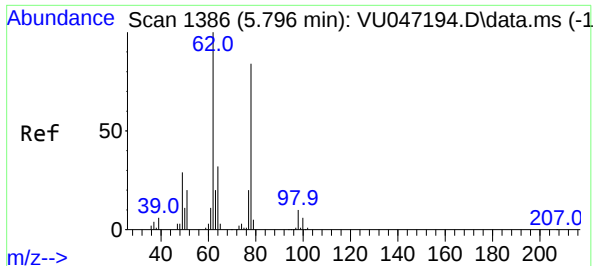
Tgt Ion:	43	Resp:	12601
Ion Ratio	Lower	Upper	
43	100		
72	18.1	15.6	46.8



#23
Bromochloromethane
Concen: 2.421 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion:	128	Resp:	3438
Ion Ratio	Lower	Upper	
128	100		
49	148.7	105.4	195.8
130	132.5	88.7	164.7
51	42.6	37.3	55.9

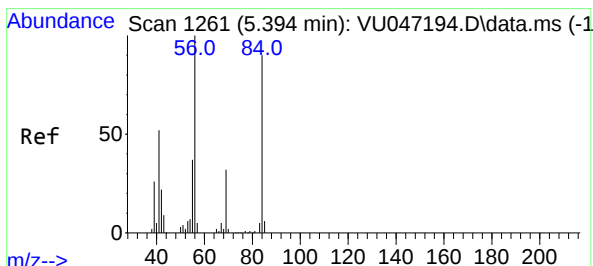
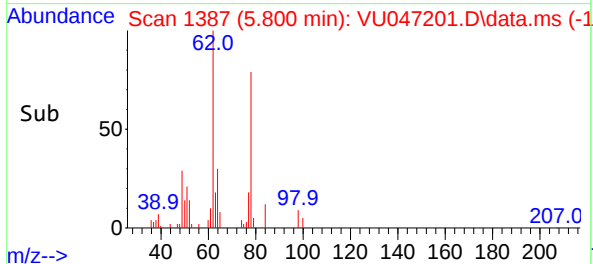
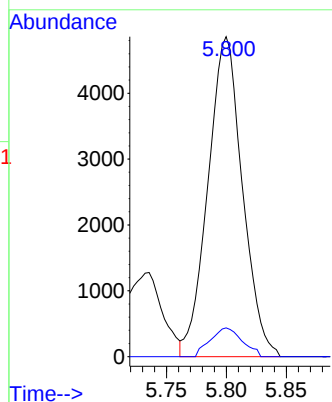
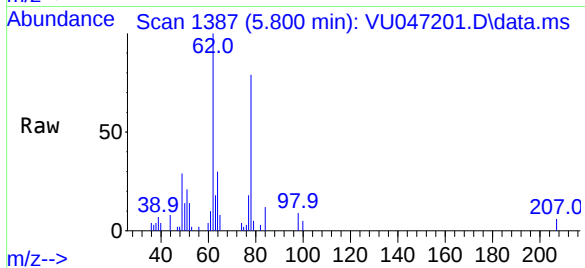




#27
1,2-Dichloroethane
Concen: 2.741 ug/L
RT: 5.800 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

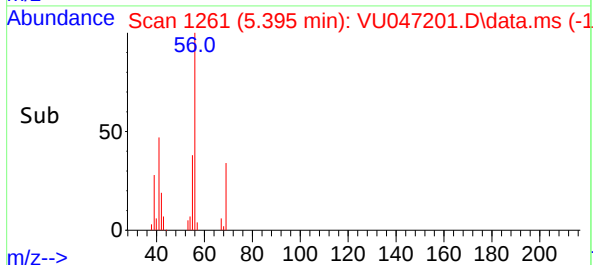
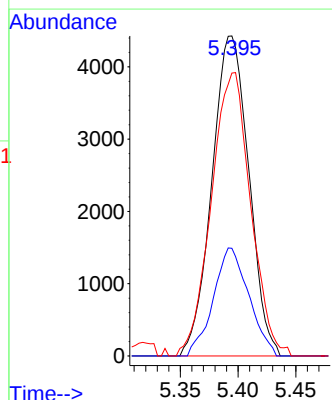
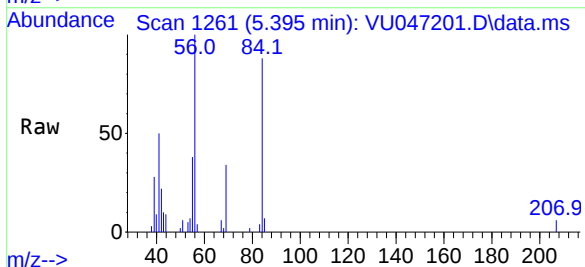
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-02

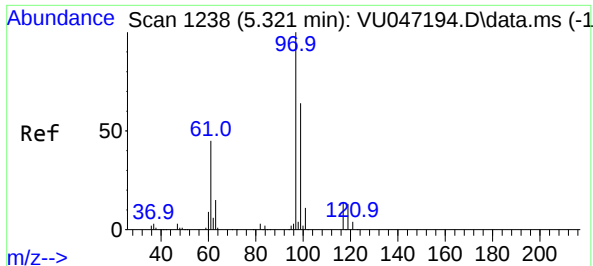
Tgt Ion: 62 Resp: 9701
Ion Ratio Lower Upper
62 100
98 9.0 7.7 11.5



#29
Cyclohexane
Concen: 2.126 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion: 56 Resp: 9855
Ion Ratio Lower Upper
56 100
69 32.4 25.8 38.6
84 94.0 74.2 111.2





#30

1,1,1-Trichloroethane

Concen: 2.253 ug/L

RT: 5.321 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047201.D

Acq: 17 Feb 2022 13:13

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-02

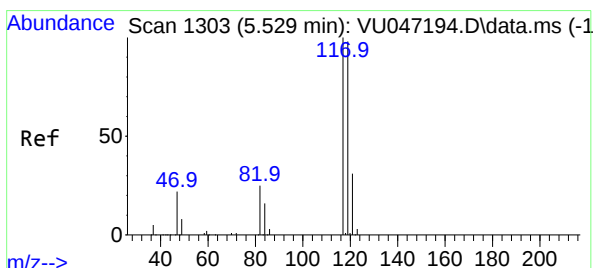
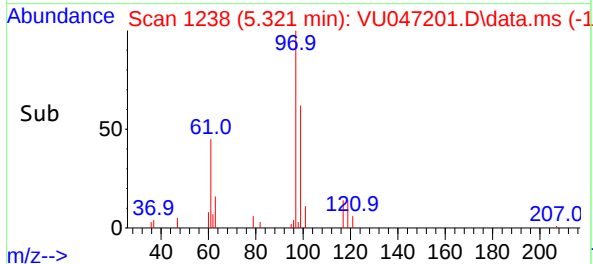
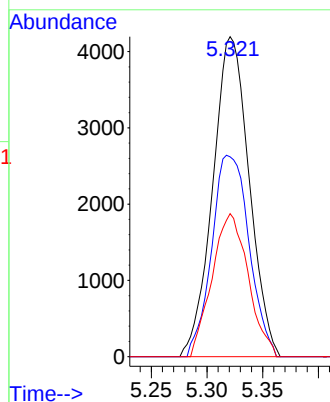
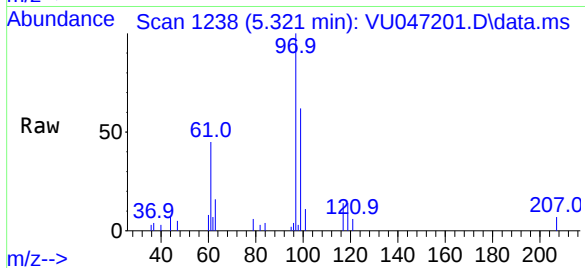
Tgt Ion: 97 Resp: 9545

Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

61 44.3 34.1 51.1



#31

Carbon tetrachloride

Concen: 2.176 ug/L

RT: 5.526 min Scan# 1302

Delta R.T. -0.003 min

Lab File: VU047201.D

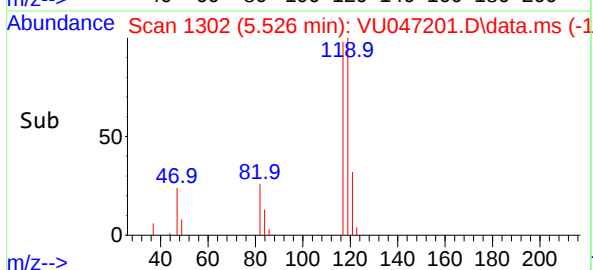
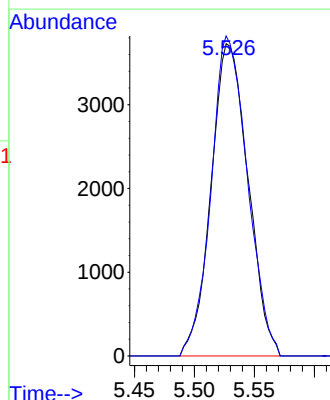
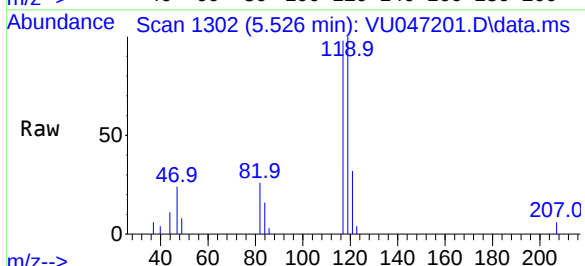
Acq: 17 Feb 2022 13:13

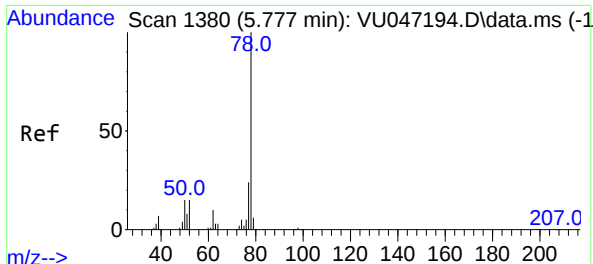
Tgt Ion: 117 Resp: 7993

Ion Ratio Lower Upper

117 100

119 100.7 77.5 116.3

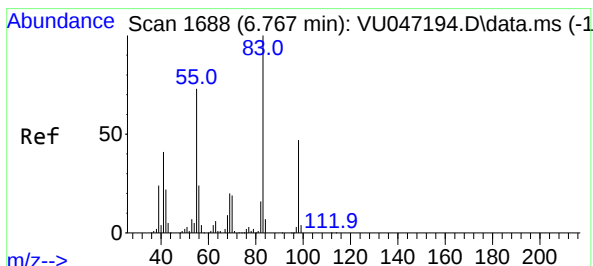
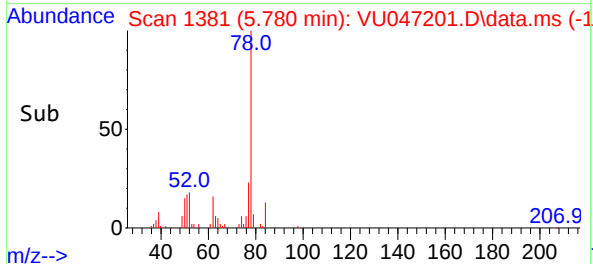
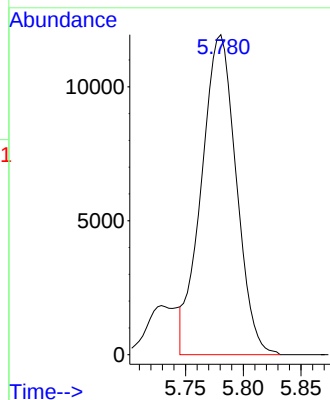
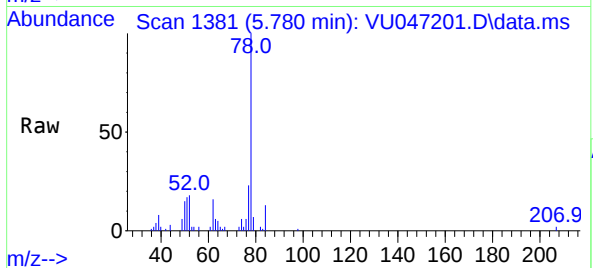




#33
Benzene
Concen: 2.268 ug/L
RT: 5.780 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2022-02

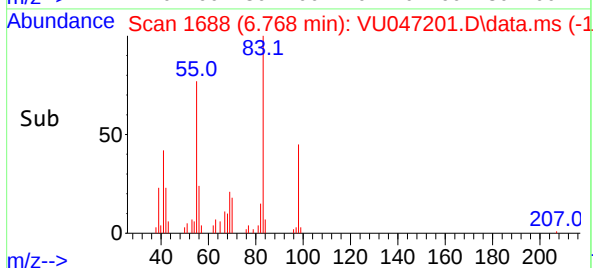
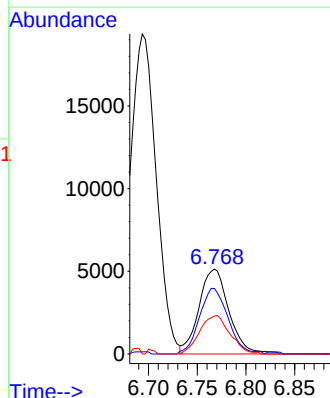
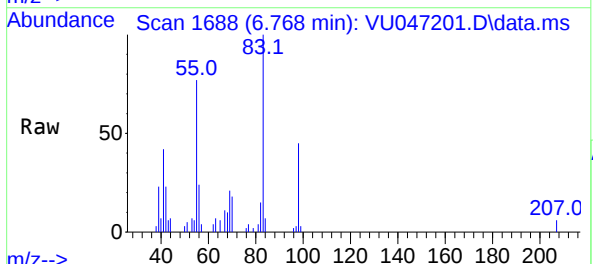
Tgt Ion: 78 Resp: 25028

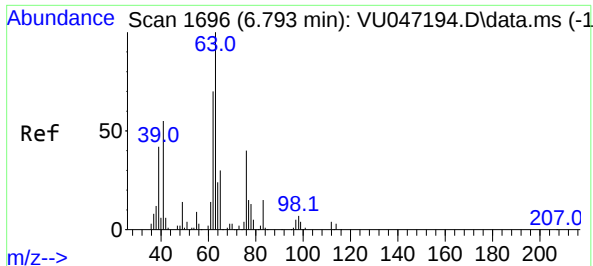


#35
Methylcyclohexane
Concen: 2.283 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion: 83 Resp: 10979

Ion	Ratio	Lower	Upper
83	100		
55	72.8	56.6	85.0
98	45.5	38.4	57.6

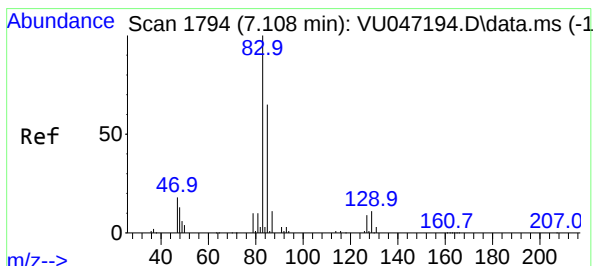
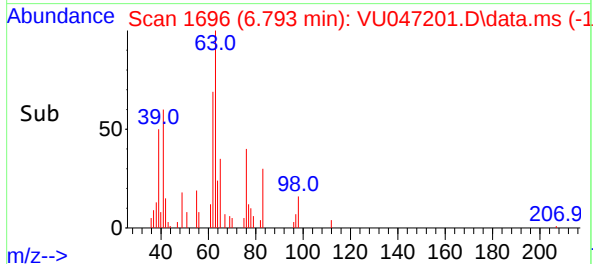
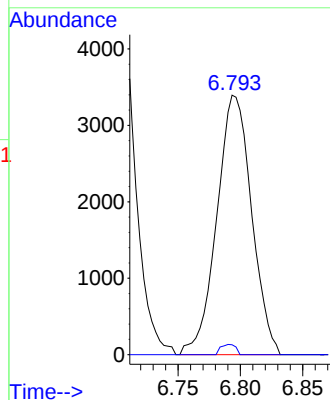
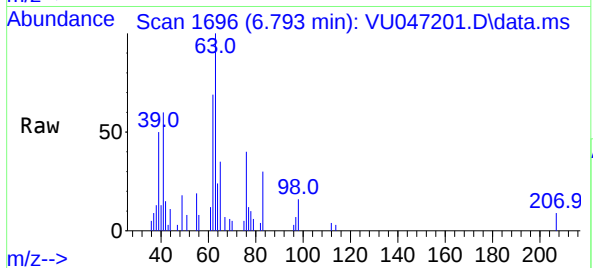




#37
1,2-Dichloropropane
Concen: 2.233 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

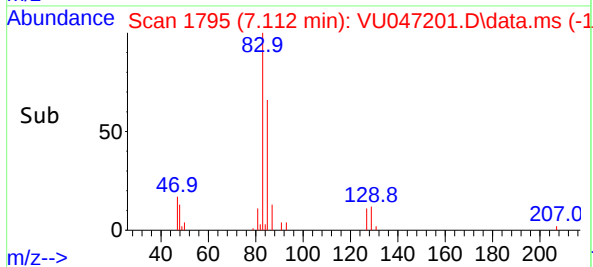
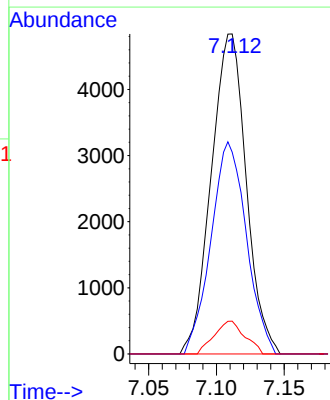
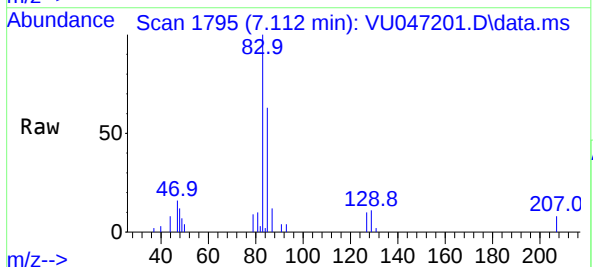
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-02

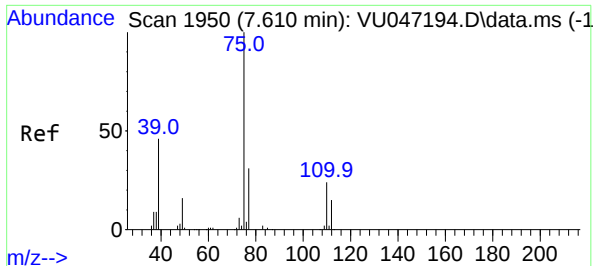
Tgt Ion: 63 Resp: 6599
Ion Ratio Lower Upper
63 100
112 1.7 3.7 5.5#



#38
Bromodichloromethane
Concen: 2.306 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion: 83 Resp: 8687
Ion Ratio Lower Upper
83 100
85 63.1 45.0 83.6
127 10.3 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 2.167 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047201.D

Acq: 17 Feb 2022 13:13

Instrument :

MSVOA_U

ClientSampleId :

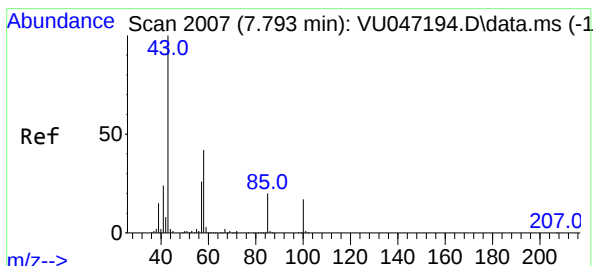
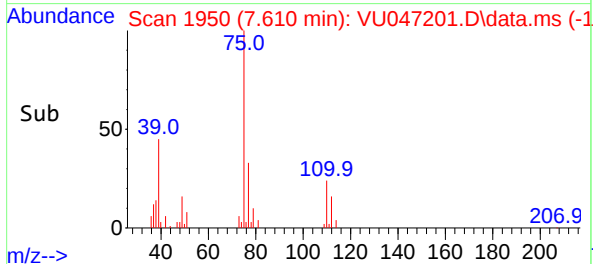
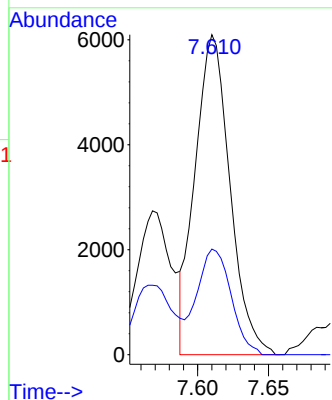
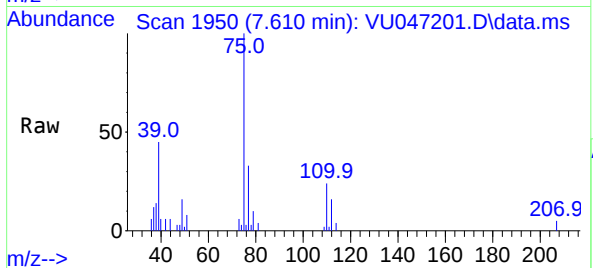
MDL-WATER-QT1-2022-02

Tgt Ion: 75 Resp: 10410

Ion Ratio Lower Upper

75 100

77 33.0 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 4.390 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047201.D

Acq: 17 Feb 2022 13:13

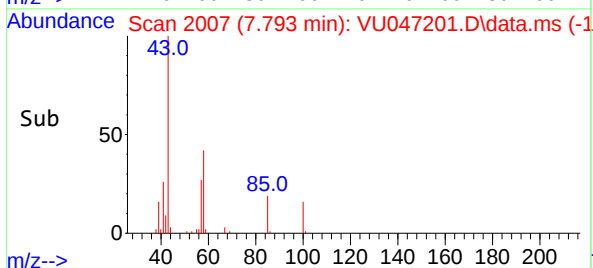
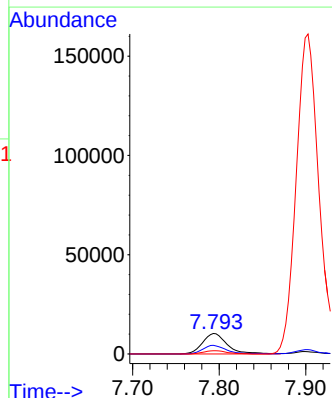
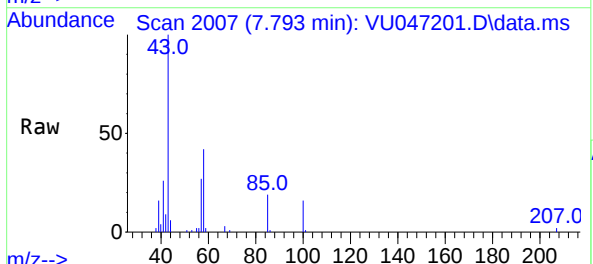
Tgt Ion: 43 Resp: 20547

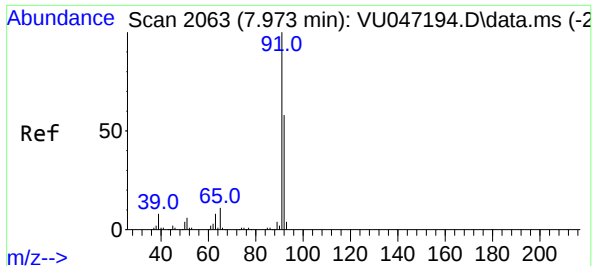
Ion Ratio Lower Upper

43 100

58 39.2 35.8 53.8

100 15.1 15.7 23.5#





#42

Toluene

Concen: 2.900 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047201.D

Acq: 17 Feb 2022 13:13

Instrument :

MSVOA_U

ClientSampleId :

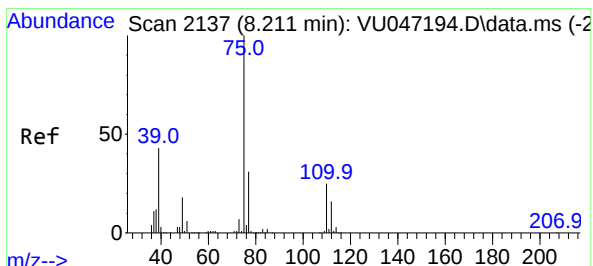
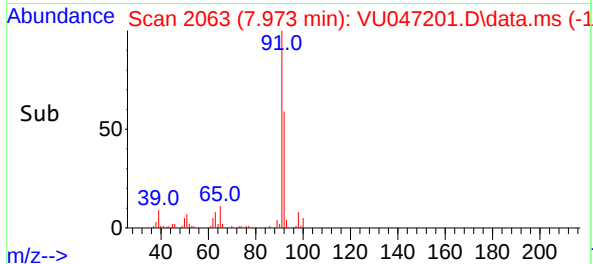
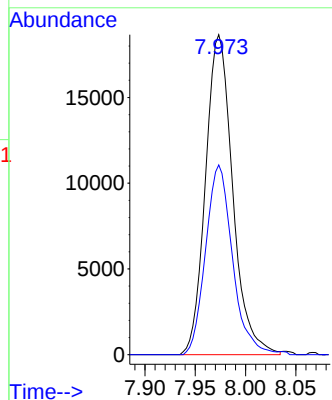
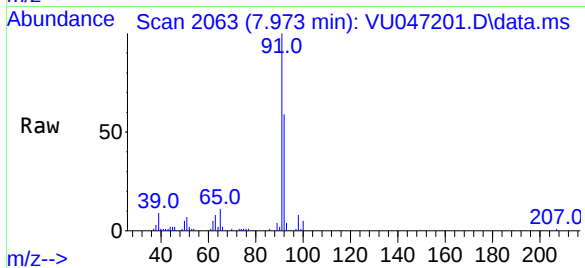
MDL-WATER-QT1-2022-02

Tgt Ion: 91 Resp: 35141

Ion Ratio Lower Upper

91 100

92 59.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 2.180 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU047201.D

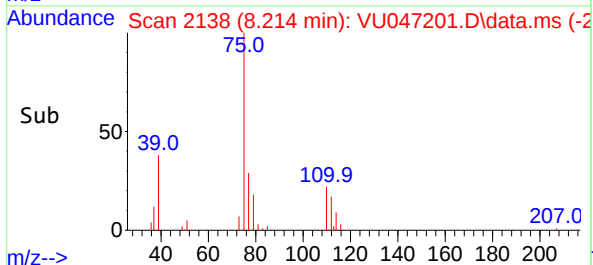
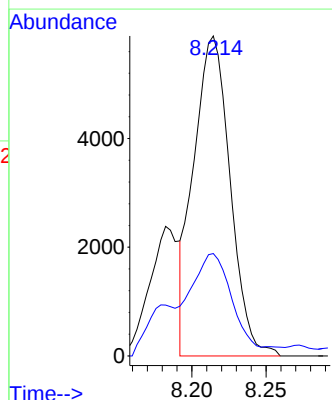
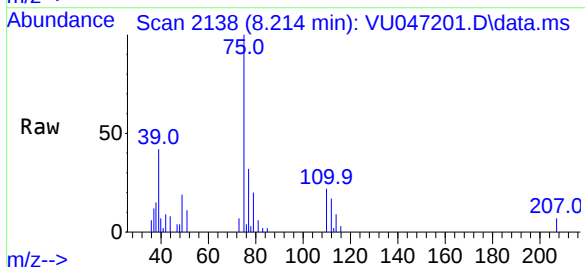
Acq: 17 Feb 2022 13:13

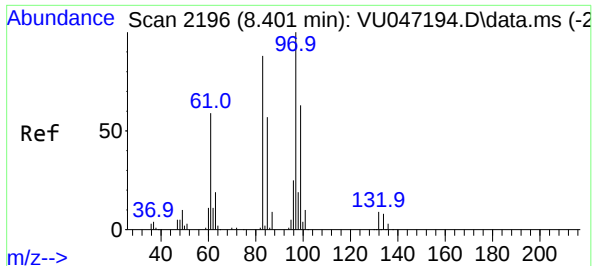
Tgt Ion: 75 Resp: 10062

Ion Ratio Lower Upper

75 100

77 32.0 23.0 42.8

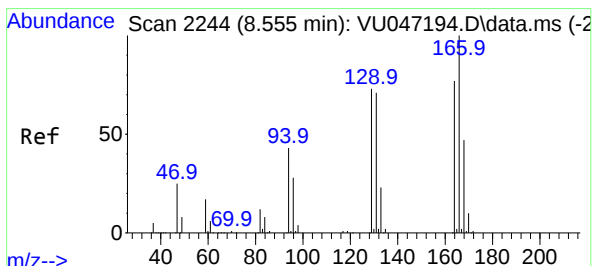
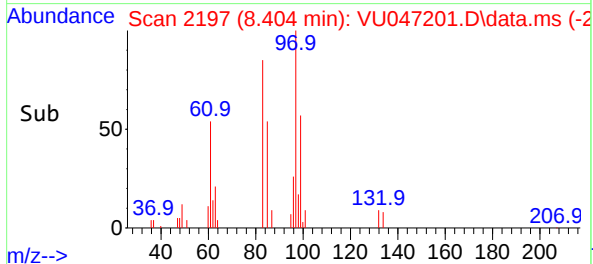
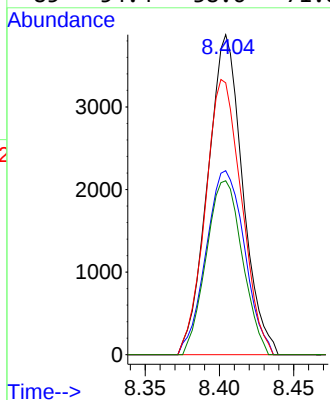
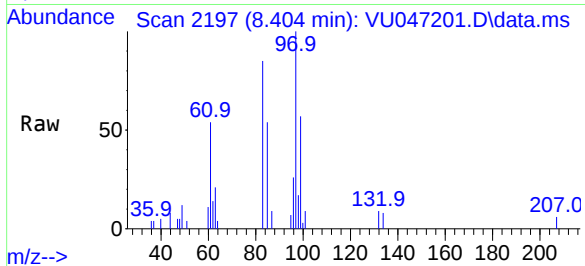




#45
1,1,2-Trichloroethane
Concen: 2.279 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

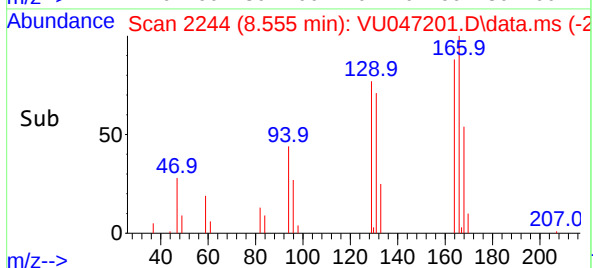
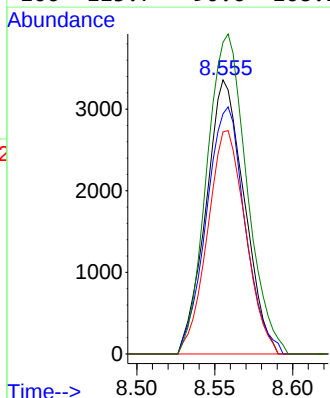
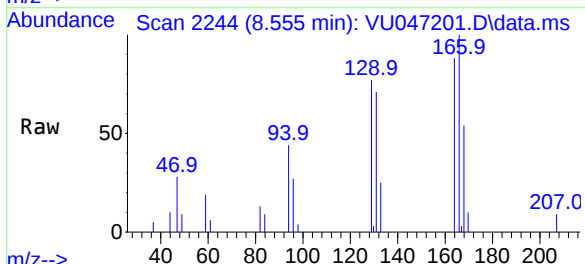
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2022-02

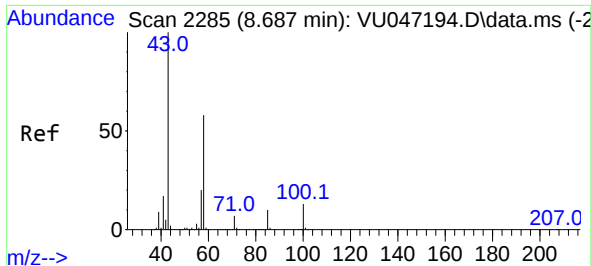
Tgt Ion: 97	Resp: 6344
Ion Ratio	Lower Upper
97 100	
99 57.5	42.4 78.8
83 84.9	59.4 110.4
85 54.4	38.6 71.8



#46
Tetrachloroethene
Concen: 2.487 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt	Ion:164	Resp:	5734
Ion	Ratio	Lower	Upper
164	100		
129	87.6	69.5	129.1
131	81.0	67.0	124.4
166	113.7	90.6	168.2

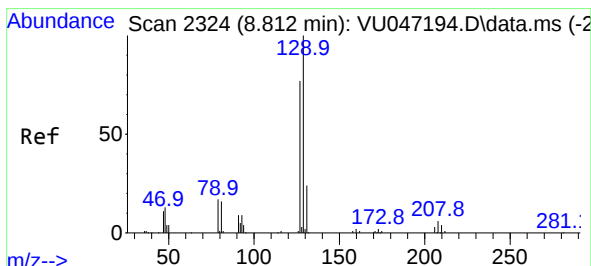
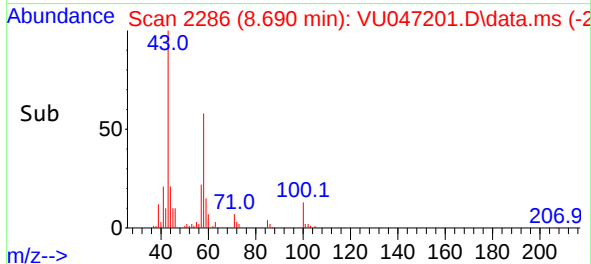
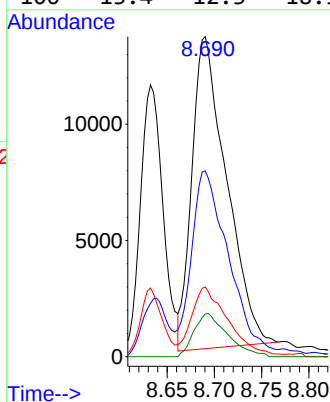
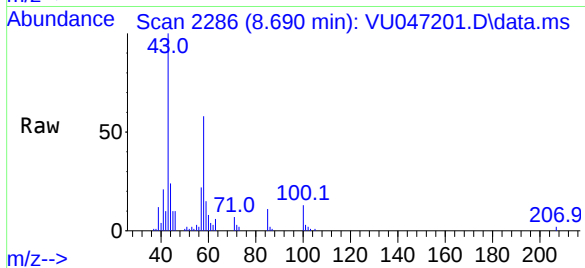




#48
2-Hexanone
Concen: 8.833 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

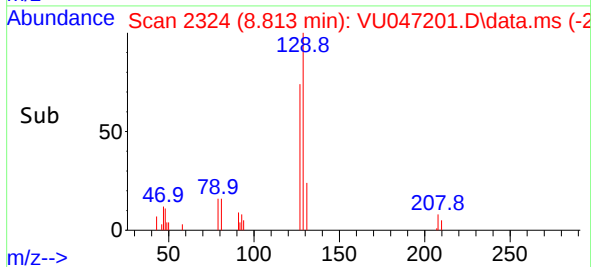
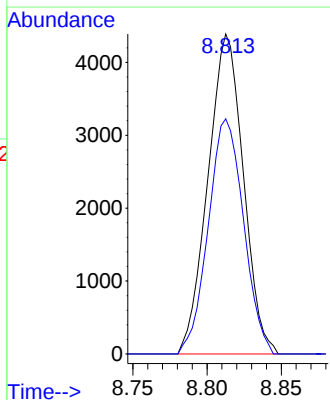
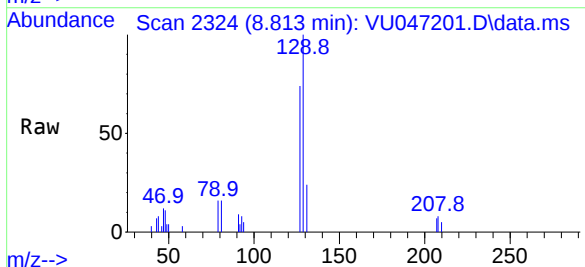
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-02

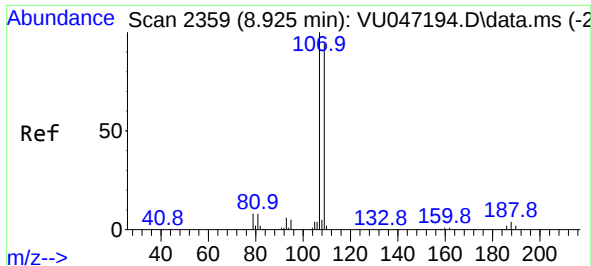
Tgt Ion:	43	Resp:	34186
Ion	Ratio	Lower	Upper
43	100		
58	60.7	49.4	74.2
57	22.5	17.5	26.3
100	13.4	12.3	18.5



#49
Dibromochloromethane
Concen: 2.260 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion:	129	Resp:	7279
Ion	Ratio	Lower	Upper
129	100		
127	73.5	54.5	101.3





#50

1,2-Dibromoethane

Concen: 2.329 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047201.D

Acq: 17 Feb 2022 13:13

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-02

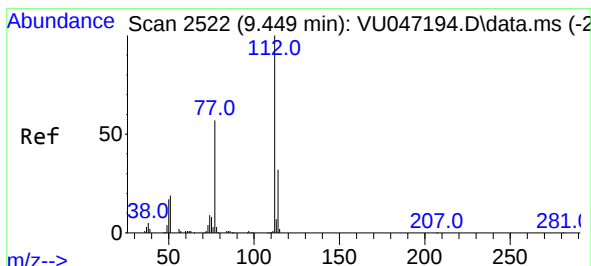
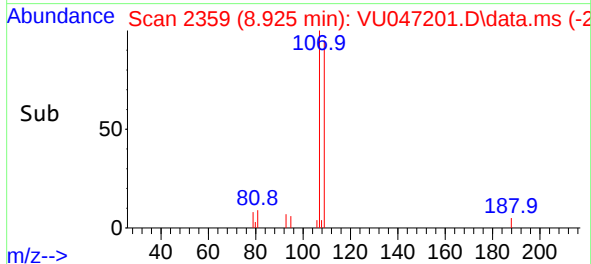
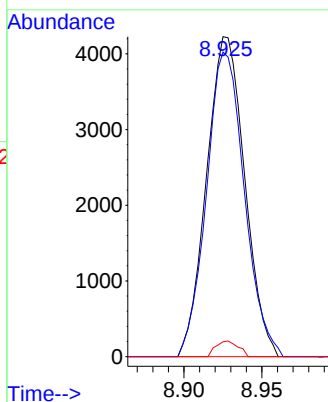
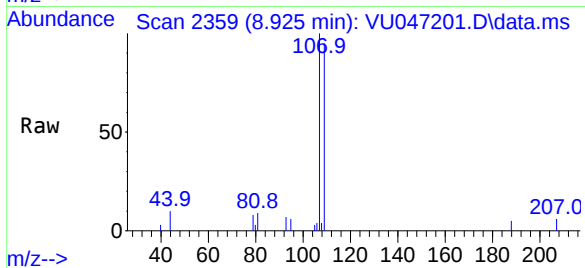
Tgt Ion:107 Resp: 7200

Ion Ratio Lower Upper

107 100

109 95.1 65.6 121.8

188 4.6 3.1 4.7



#51

Chlorobenzene

Concen: 2.406 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.003 min

Lab File: VU047201.D

Acq: 17 Feb 2022 13:13

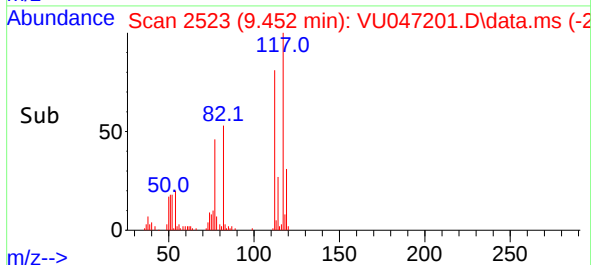
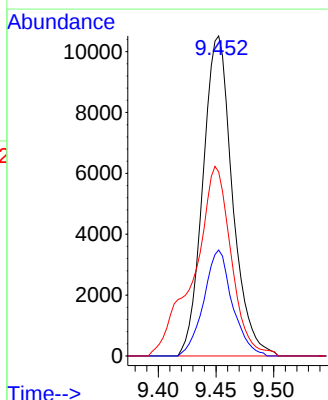
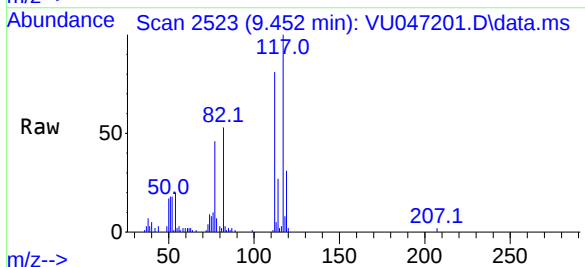
Tgt Ion:112 Resp: 18695

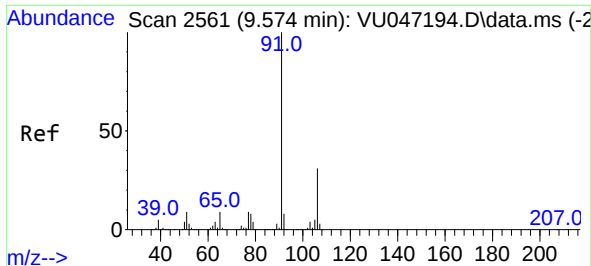
Ion Ratio Lower Upper

112 100

114 33.1 22.1 41.1

77 57.5 46.5 69.7

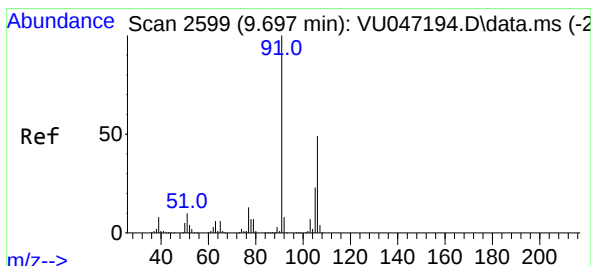
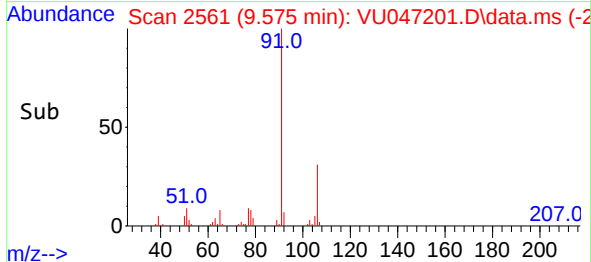
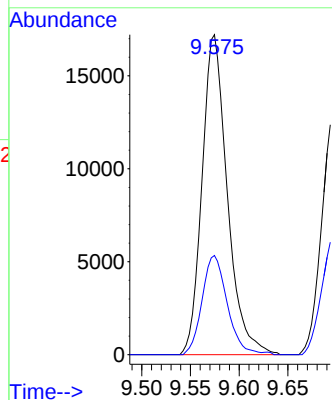
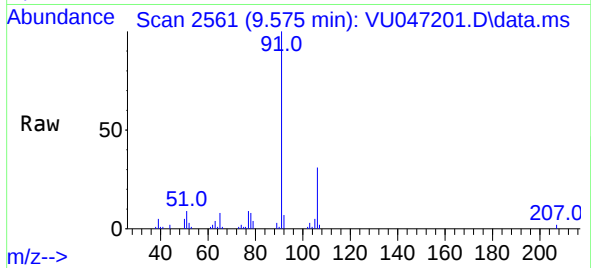




#52
Ethylbenzene
Concen: 2.343 ug/L
RT: 9.575 min Scan# 21072
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

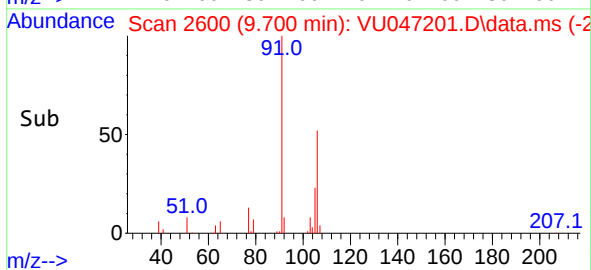
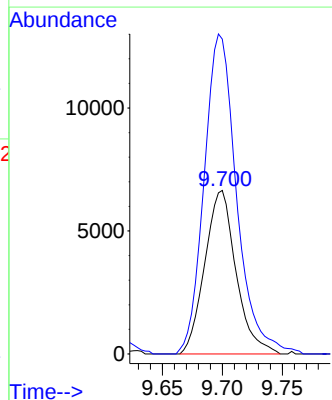
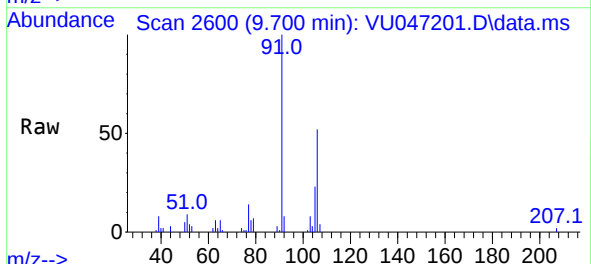
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-02

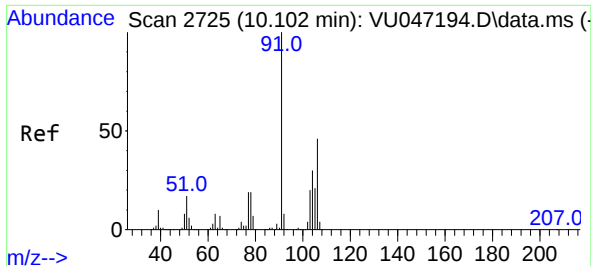
Tgt Ion: 91 Resp: 31072
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.4



#53
m,p-Xylene
Concen: 2.292 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion: 106 Resp: 12062
Ion Ratio Lower Upper
106 100
91 192.6 145.5 270.1

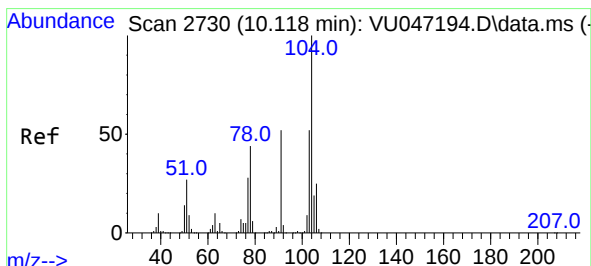
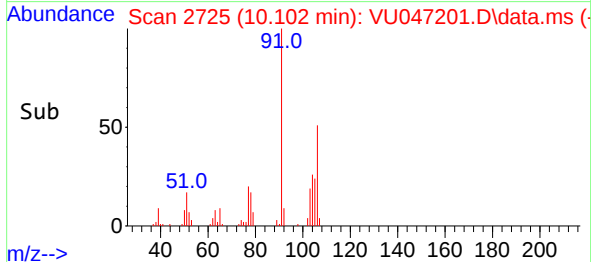
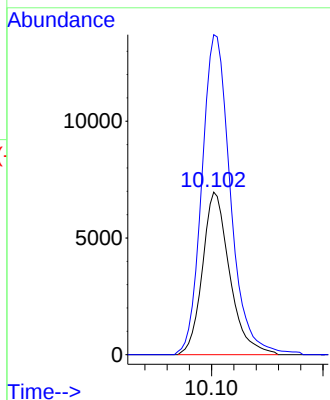
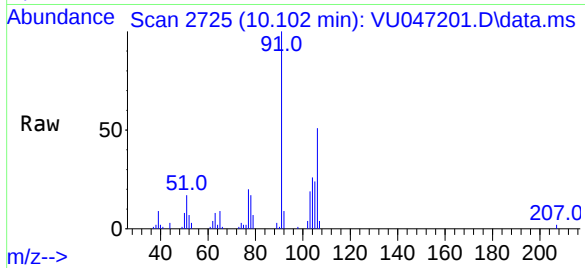




#54
o-xylene
Concen: 2.280 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

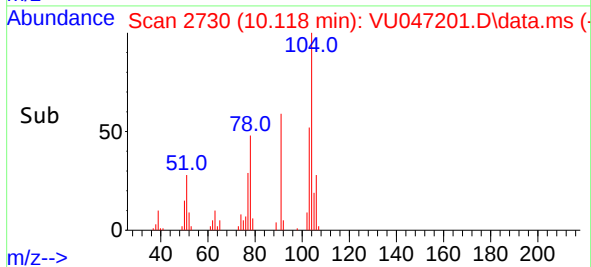
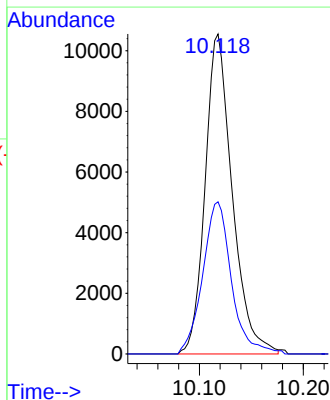
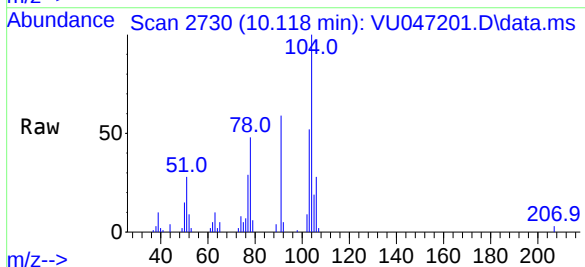
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-02

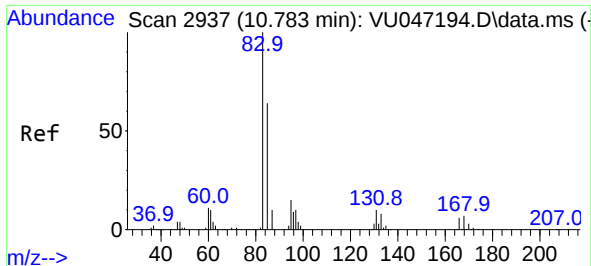
Tgt Ion:106 Resp: 11814
Ion Ratio Lower Upper
106 100
91 196.9 152.0 282.2



#55
Styrene
Concen: 2.146 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion:104 Resp: 19128
Ion Ratio Lower Upper
104 100
78 47.6 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 2.598 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047201.D

Acq: 17 Feb 2022 13:13

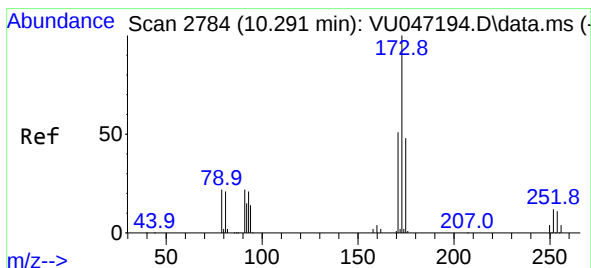
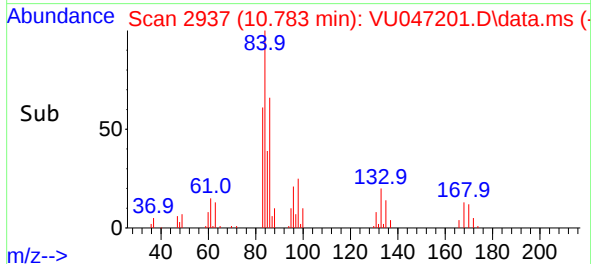
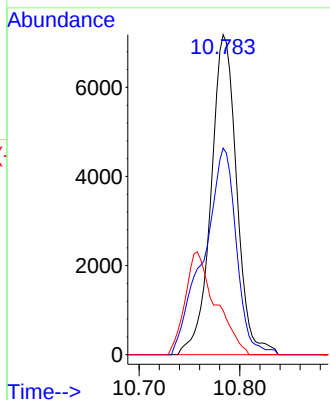
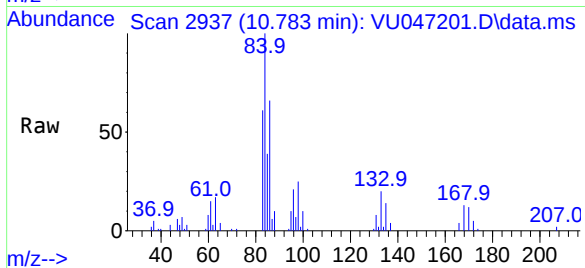
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-02

Tgt Ion:	83	Resp:	12746
Ion Ratio	Lower	Upper	
83	100		
85	64.6	44.7	83.1
131	13.8	7.8	11.6#



#59

Bromoform

Concen: 2.060 ug/L

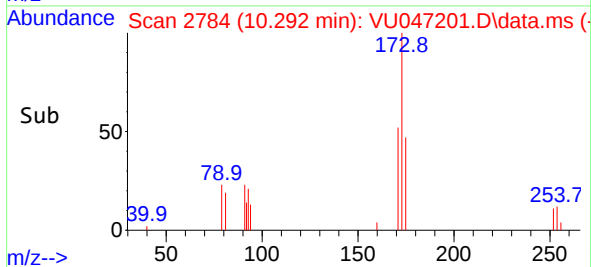
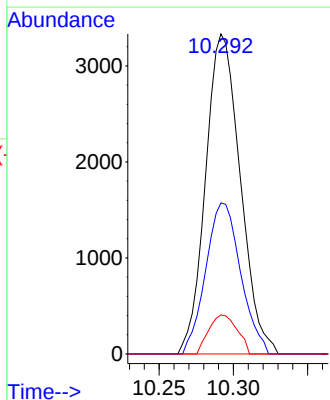
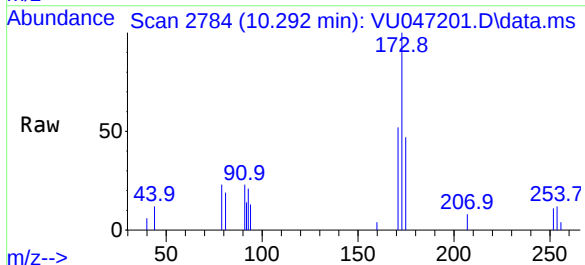
RT: 10.292 min Scan# 2784

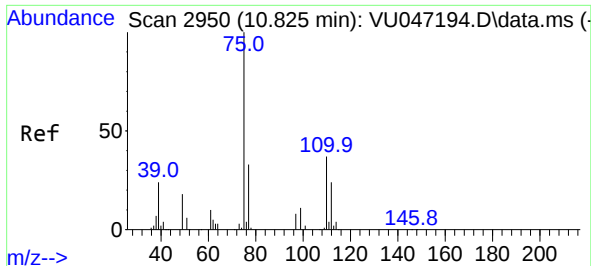
Delta R.T. 0.000 min

Lab File: VU047201.D

Acq: 17 Feb 2022 13:13

Tgt Ion:	173	Resp:	5414
Ion Ratio	Lower	Upper	
173	100		
175	47.5	37.6	56.4
254	10.0	8.1	12.1

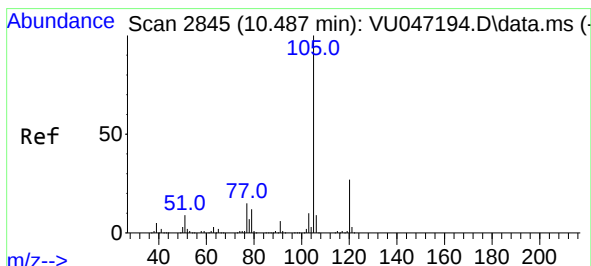
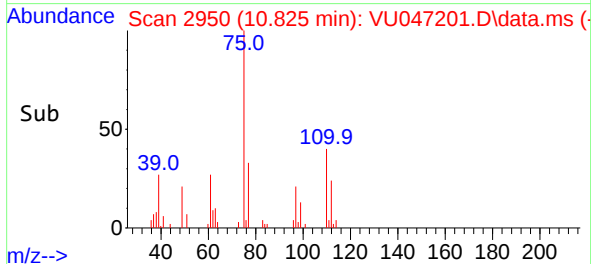
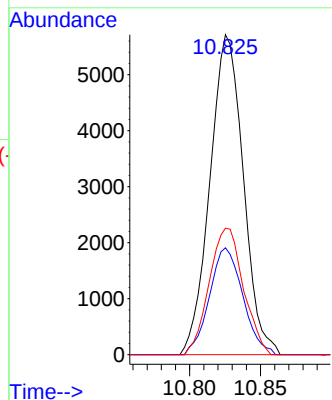
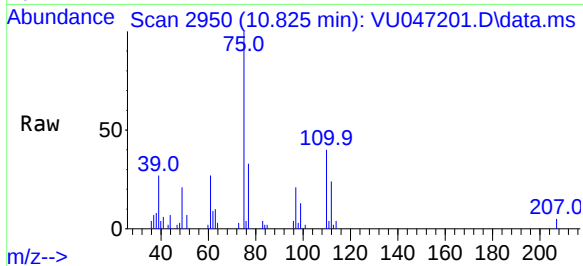




#60
1,2,3-Trichloropropane
Concen: 2.269 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

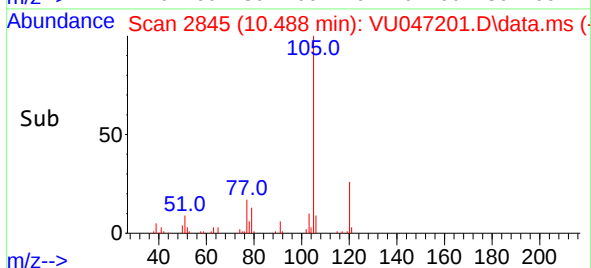
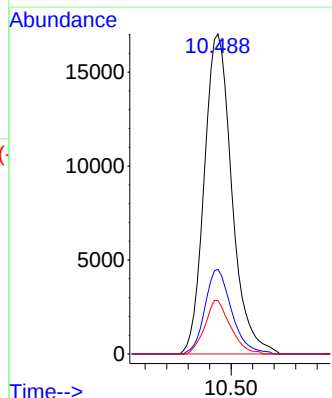
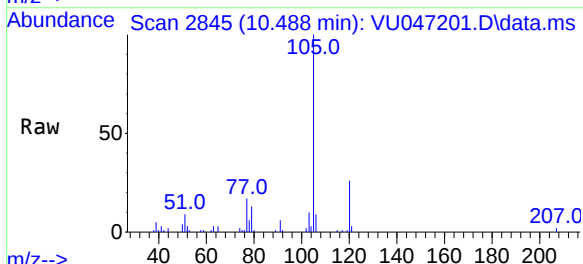
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2022-02

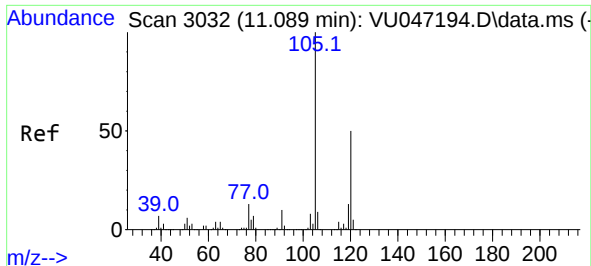
Tgt Ion:	75	Resp:	9363
Ion Ratio	Lower	Upper	
75	100		
77	33.4	26.2	39.2
110	40.5	32.5	48.7



#61
Isopropylbenzene
Concen: 2.229 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion:	105	Resp:	30339
Ion Ratio	Lower	Upper	
105	100		
120	25.6	20.6	31.0
77	15.4	12.6	18.8

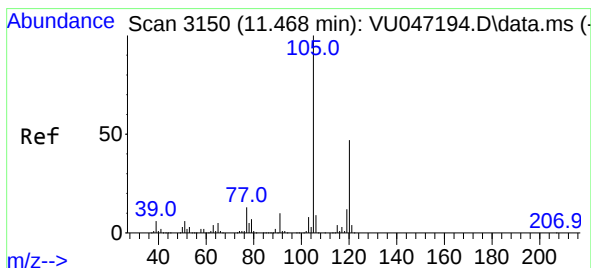
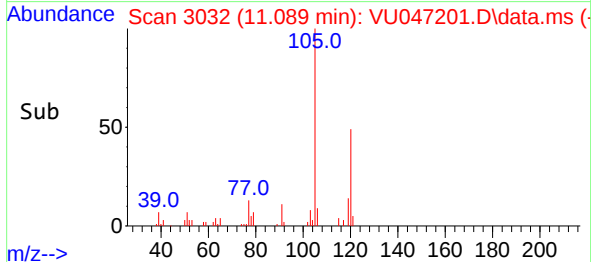
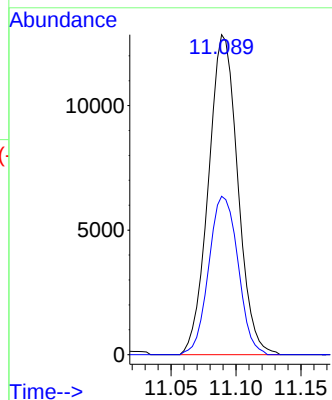
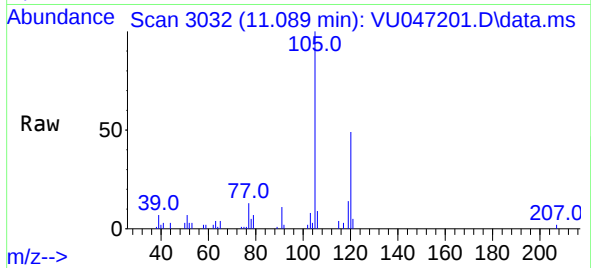




#62
1,3,5-Trimethylbenzene
Concen: 2.093 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

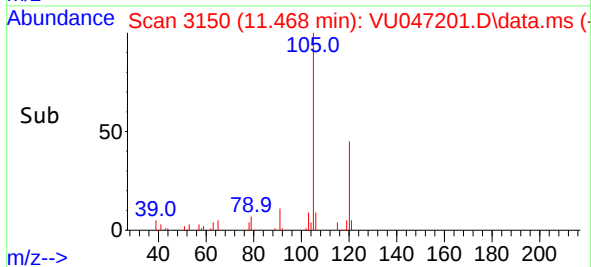
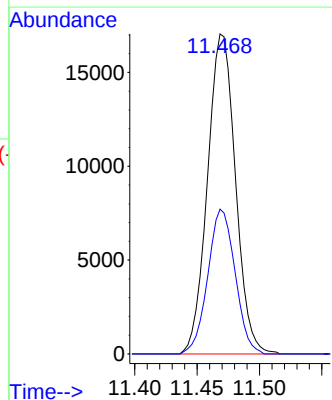
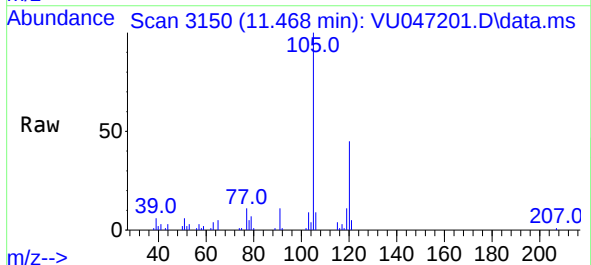
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-02

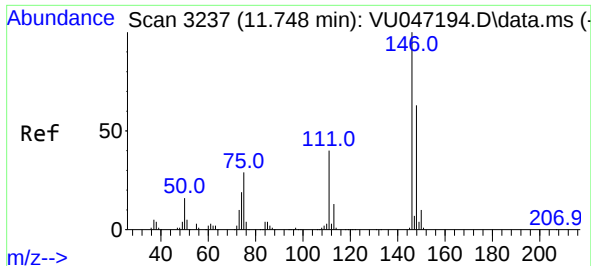
Tgt Ion:105 Resp: 20189
Ion Ratio Lower Upper
105 100
120 49.4 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 2.279 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion:105 Resp: 26688
Ion Ratio Lower Upper
105 100
120 44.1 35.4 53.2

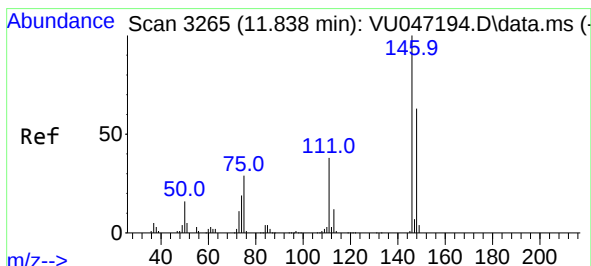
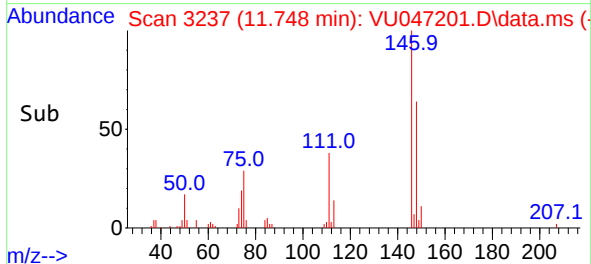
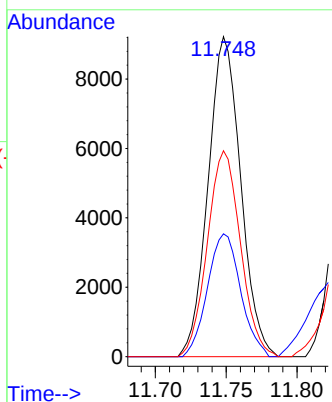
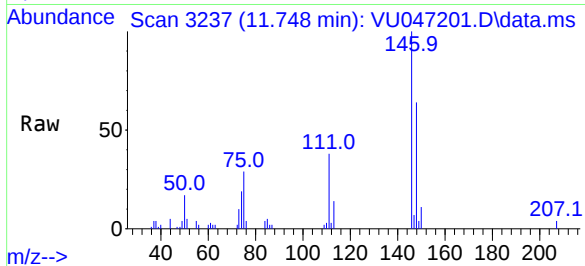




#64
1,3-Dichlorobenzene
Concen: 2.322 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

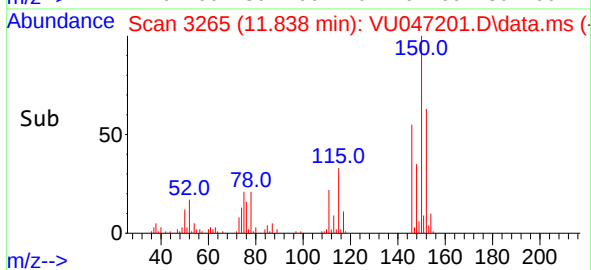
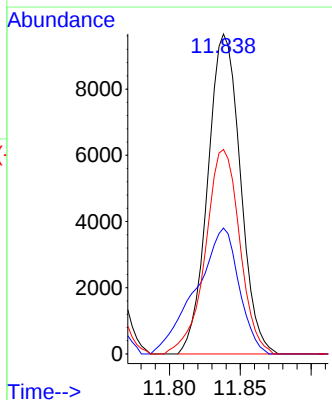
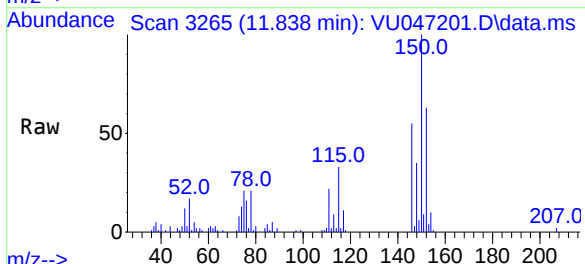
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-02

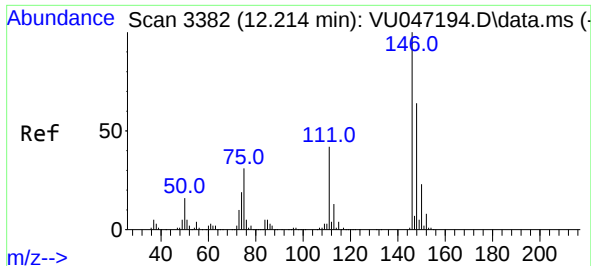
Tgt Ion:	146	Resp:	14749
Ion	Ratio	Lower	Upper
146	100		
111	38.4	29.4	54.6
148	64.3	45.8	85.2



#65
1,4-Dichlorobenzene
Concen: 2.423 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion:	146	Resp:	15467
Ion	Ratio	Lower	Upper
146	100		
111	39.4	28.9	53.7
148	63.9	44.5	82.7





#67

1,2-Dichlorobenzene

Concen: 2.435 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047201.D

Acq: 17 Feb 2022 13:13

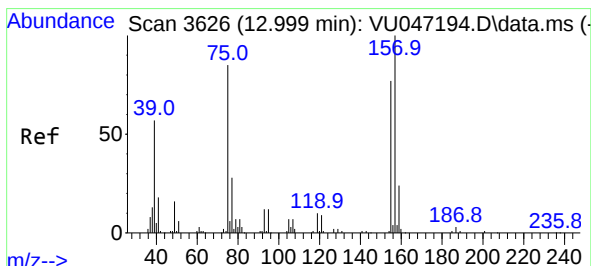
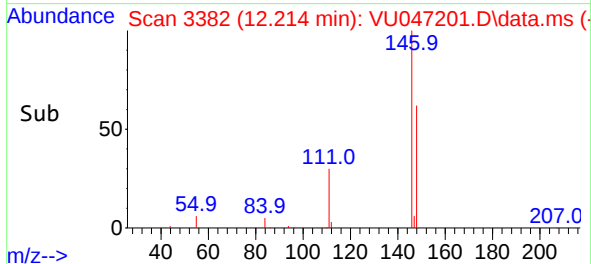
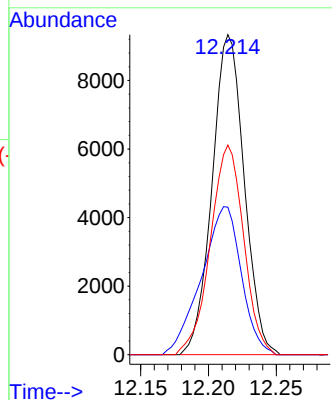
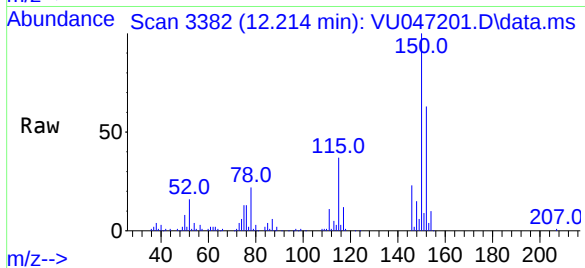
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-02

Tgt Ion:	146	Resp:	15392
Ion	Ratio	Lower	Upper
146	100		
111	46.1	34.2	51.4
148	65.5	51.3	76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 2.284 ug/L

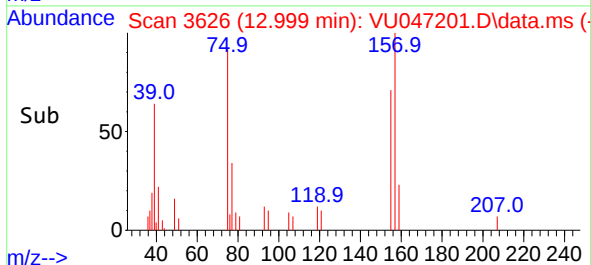
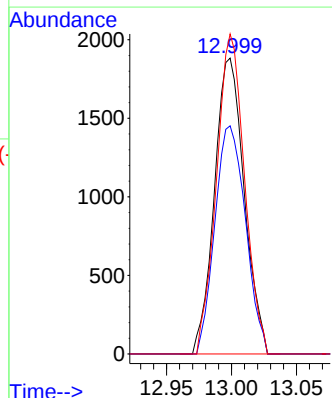
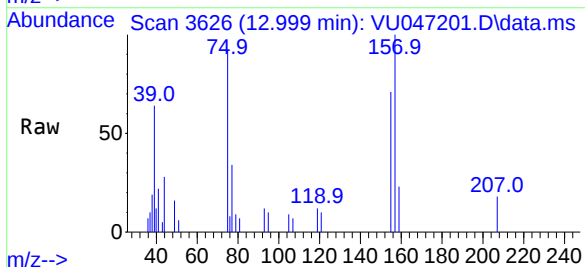
RT: 12.999 min Scan# 3626

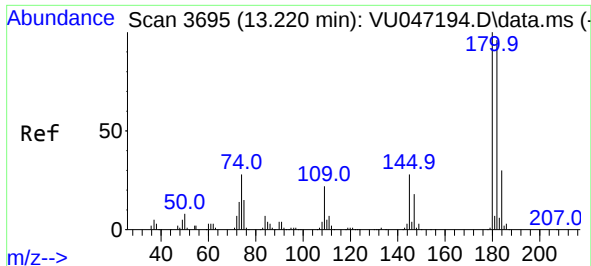
Delta R.T. 0.000 min

Lab File: VU047201.D

Acq: 17 Feb 2022 13:13

Tgt Ion:	75	Resp:	3003
Ion	Ratio	Lower	Upper
75	100		
155	77.1	65.0	97.4
157	108.2	79.7	119.5

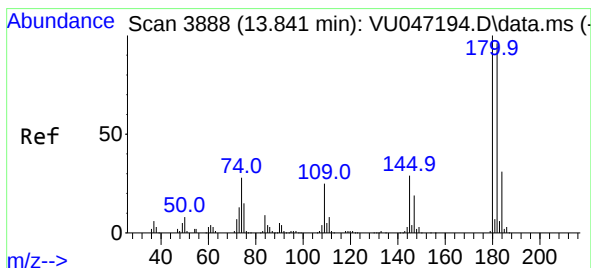
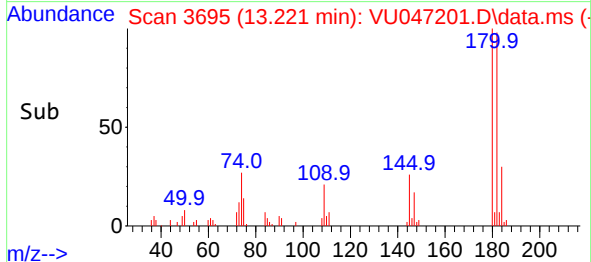
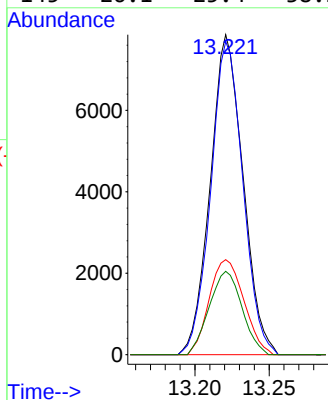
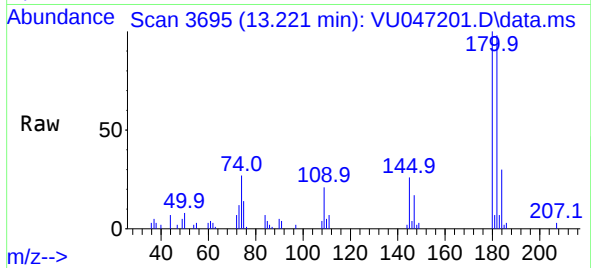




#69
 1,3,5-Trichlorobenzene
 Concen: 2.454 ug/L
 RT: 13.221 min Scan# 3095
 Delta R.T. 0.000 min
 Lab File: VU047201.D
 Acq: 17 Feb 2022 13:13

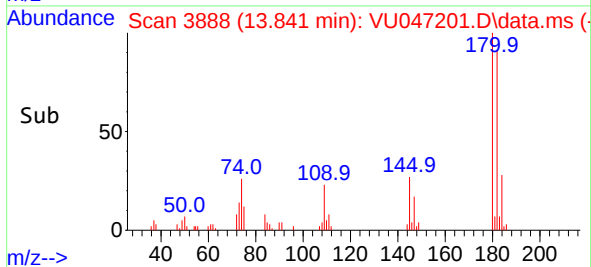
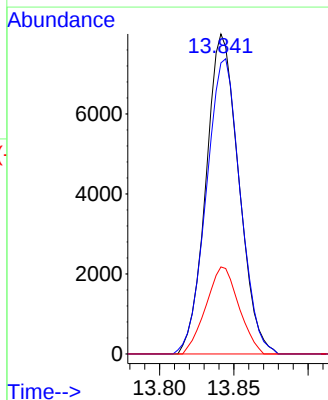
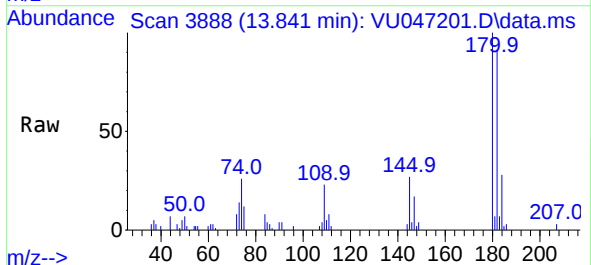
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2022-02

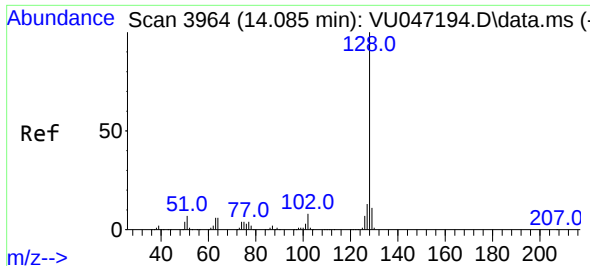
Tgt Ion:	180	Resp:	12055
Ion Ratio	Lower	Upper	
180	100		
182	95.9	77.0	115.6
184	31.5	24.7	37.1
145	26.1	25.4	38.2



#70
 1,2,4-trichlorobenzene
 Concen: 2.632 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047201.D
 Acq: 17 Feb 2022 13:13

Tgt Ion:	180	Resp:	12255
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.6	114.8
145	27.3	25.2	37.8

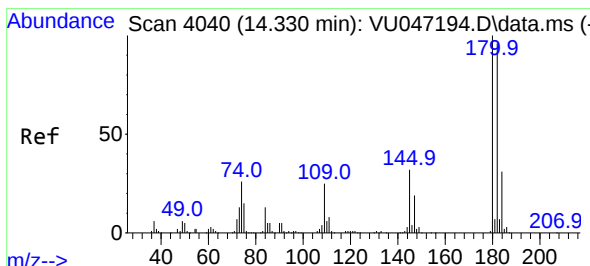
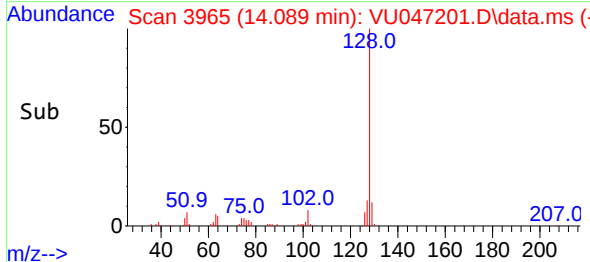
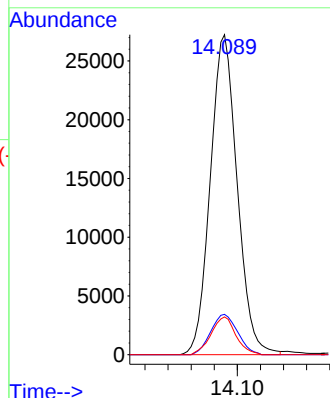
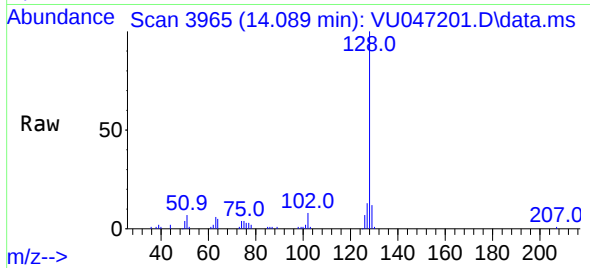




#71
Naphthalene
Concen: 2.672 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-02

Tgt Ion:	128	Resp:	44045
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	10.9	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 2.759 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047201.D
Acq: 17 Feb 2022 13:13

Tgt Ion:	180	Resp:	12792
Ion Ratio	Lower	Upper	
180	100		
182	98.0	76.6	115.0
145	30.7	27.4	41.2

