

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011821\
 Data File : VU042091.D
 Acq On : 18 Jan 2021 13:19
 Operator : SY/MD
 Sample : L5214-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2021-02

Quant Time: Jan 19 01:02:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 01:00:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	286244	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	276547	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	135740	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	126445	40.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.56%		
7) Chloroethane-d5	1.919	69	100992	40.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.96%		
11) 1,1-Dichloroethene-d2	2.575	63	159777	31.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.70%		
21) 2-Butanone-d5	4.642	46	167308	70.30	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	70.30%		
24) Chloroform-d	5.080	84	199148	41.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.08%		
26) 1,2-Dichloroethane-d4	5.716	65	129561	42.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.96%		
32) Benzene-d6	5.742	84	408432	42.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.52%		
36) 1,2-Dichloropropane-d6	6.700	67	132058	42.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.58%		
41) Toluene-d8	7.903	98	371414	45.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.38%		
43) trans-1,3-Dichloroprop...	8.182	79	66591	43.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.40%		
47) 2-Hexanone-d5	8.639	63	132117	79.33	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.33%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	195084	43.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.40%		
66) 1,2-Dichlorobenzene-d4	12.189	152	138628	49.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	6819	2.49	ug/L	99
3) Chloromethane	1.523	50	7037	2.20	ug/L	98
5) Vinyl chloride	1.607	62	7244	2.20	ug/L #	67
6) Bromomethane	1.861	94	4683	2.33	ug/L	96
8) Chloroethane	1.938	64	4645	2.31	ug/L	98
9) Trichlorofluoromethane	2.144	101	9334	2.27	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	6971	3.04	ug/L #	84
12) 1,1-Dichloroethene	2.588	96	6496	2.97	ug/L #	1
13) Acetone	2.646	43	8190	4.07	ug/L	94
14) Carbon disulfide	2.803	76	16390	2.32	ug/L	96
15) Methyl Acetate	2.961	43	6171	1.95	ug/L	100
16) Methylene chloride	3.057	84	6493	2.56	ug/L	92
17) trans-1,2-Dichloroethene	3.366	96	5597	2.44	ug/L	87
18) Methyl tert-butyl Ether	3.375	73	16124	2.17	ug/L	95
19) 1,1-Dichloroethane	3.887	63	9678	2.13	ug/L	97
20) cis-1,2-Dichloroethene	4.684	96	5492	2.22	ug/L	85
22) 2-Butanone	4.726	43	9515	3.60	ug/L	96
23) Bromochloromethane	4.989	128	2761	2.32	ug/L	88
25) Chloroform	5.102	83	12148	2.69	ug/L	92

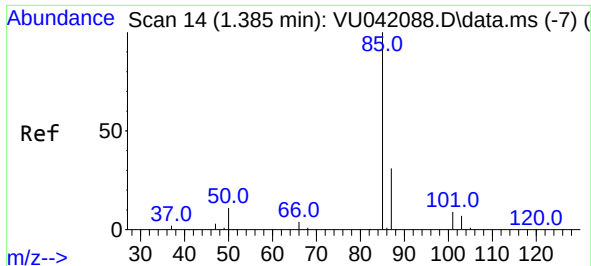
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011821\
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Quant Time: Jan 19 01:02:50 2021
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	8336	2.41	ug/L #	94
29) Cyclohexane	5.407	56	7430	1.79	ug/L #	86
30) 1,1,1-Trichloroethane	5.330	97	8379	2.03	ug/L	92
31) Carbon tetrachloride	5.536	117	7406	2.16	ug/L	99
33) Benzene	5.787	78	22896	2.23	ug/L	100
34) Trichloroethene	6.552	95	6183	2.45	ug/L	99
35) Methylcyclohexane	6.777	83	8666	2.34	ug/L	89
37) 1,2-Dichloropropane	6.796	63	6009	2.23	ug/L #	94
38) Bromodichloromethane	7.115	83	7216	2.16	ug/L	95
39) cis-1,3-Dichloropropene	7.613	75	8778	2.22	ug/L	95
40) 4-Methyl-2-pentanone	7.800	43	15884	3.82	ug/L	99
42) Toluene	7.973	91	23111	2.37	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	9535	2.51	ug/L	87
45) 1,1,2-Trichloroethane	8.407	97	5734	2.44	ug/L	98
46) Tetrachloroethene	8.555	164	4577	2.89	ug/L	89
48) 2-Hexanone	8.690	43	16383	4.76	ug/L	96
49) Dibromochloromethane	8.812	129	6291	2.52	ug/L	98
50) 1,2-Dibromoethane	8.928	107	6140	2.49	ug/L #	100
51) Chlorobenzene	9.449	112	15109	2.52	ug/L	93
52) Ethylbenzene	9.571	91	24262	2.33	ug/L	95
53) m,p-Xylene	9.697	106	8871	2.35	ug/L	81
54) o-xylene	10.099	106	8161	2.24	ug/L	98
55) Styrene	10.115	104	13293	2.07	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	11331	2.61	ug/L	95
59) Bromoform	10.288	173	4468	2.53	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	8184	2.31	ug/L	99
61) Isopropylbenzene	10.481	105	20091	2.11	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	15813	1.96	ug/L	94
63) 1,2,4-Trimethylbenzene	11.465	105	15198	1.88	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	10908	2.51	ug/L	87
65) 1,4-Dichlorobenzene	11.832	146	12033	2.77	ug/L	92
67) 1,2-Dichlorobenzene	12.208	146	11609	2.61	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	2197	1.95	ug/L #	68
69) 1,3,5-Trichlorobenzene	13.211	180	7454	2.54	ug/L	96
70) 1,2,4-trichlorobenzene	13.828	180	5083	2.24	ug/L	98
71) Naphthalene	14.079	128	10240	1.31	ug/L	99
72) 1,2,3-Trichlorobenzene	14.317	180	4922	2.12	ug/L	99

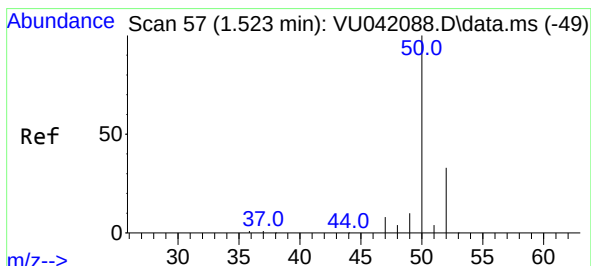
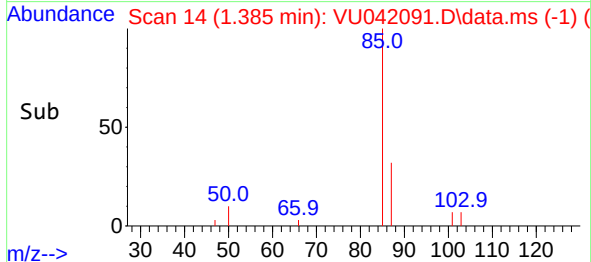
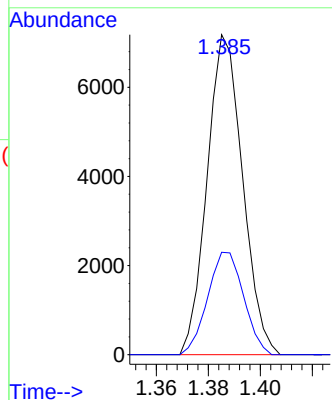
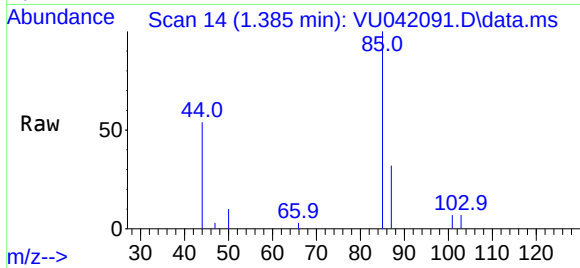
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#2
Dichlorodifluoromethane
Concen: 2.49 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

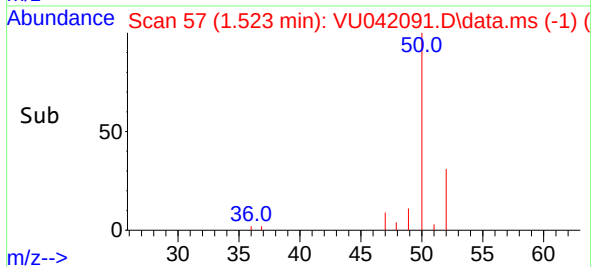
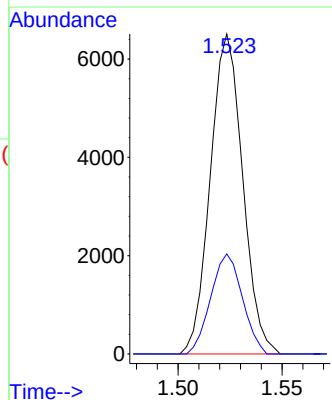
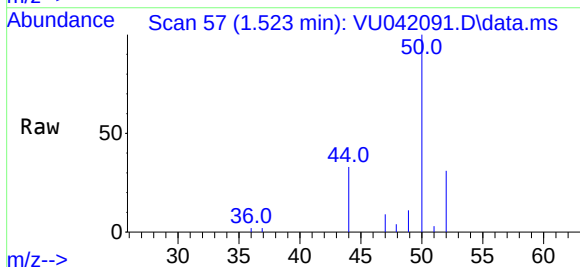
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

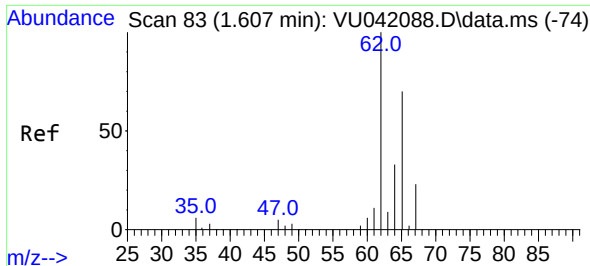
Tgt Ion: 85 Resp: 6819
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.6



#3
Chloromethane
Concen: 2.20 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 50 Resp: 7037
Ion Ratio Lower Upper
50 100
52 31.3 22.5 41.9

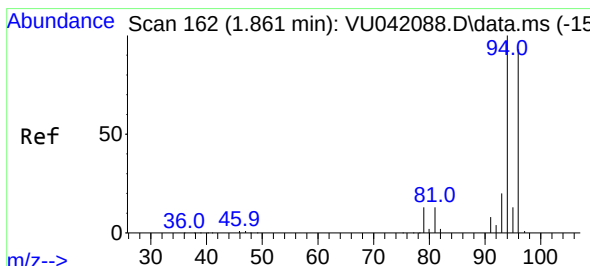
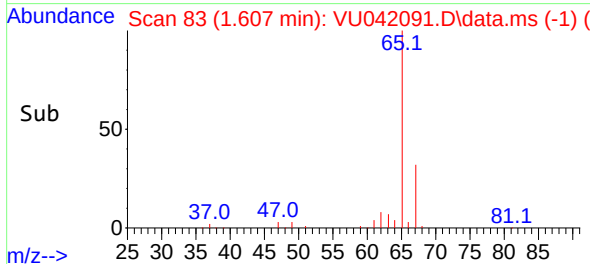
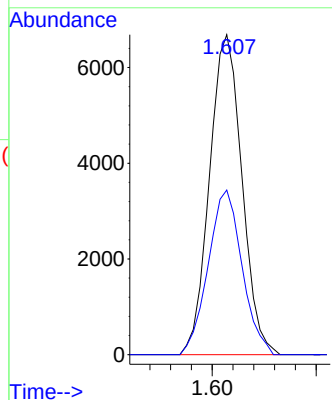
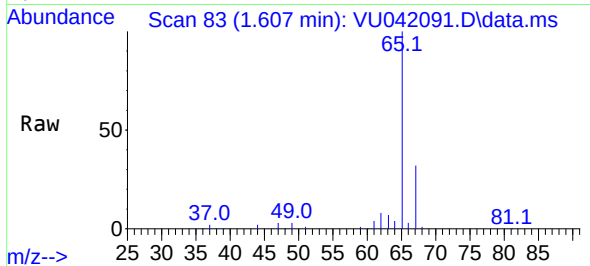




#5
 Vinyl chloride
 Concen: 2.20 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042091.D
 Acq: 18 Jan 2021 13:19

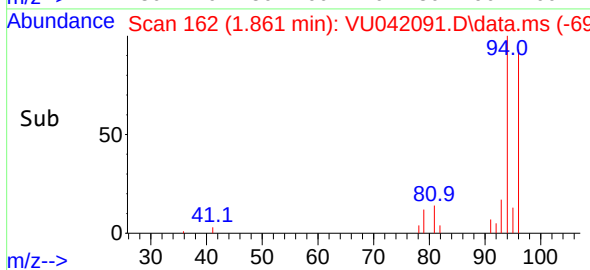
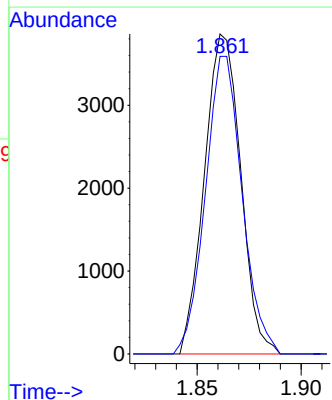
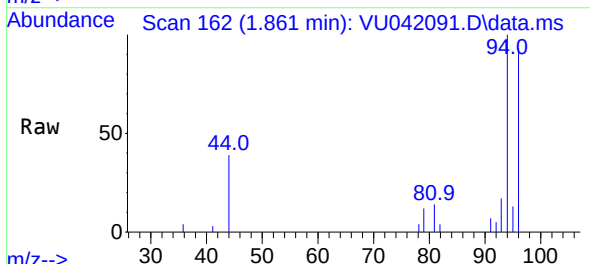
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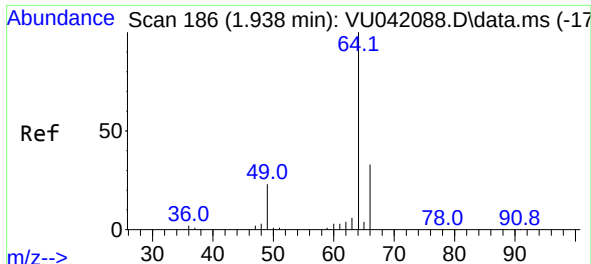
Tgt Ion: 62 Resp: 7244
 Ion Ratio Lower Upper
 62 100
 64 51.4 22.9 42.5#



#6
 Bromomethane
 Concen: 2.33 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU042091.D
 Acq: 18 Jan 2021 13:19

Tgt Ion: 94 Resp: 4683
 Ion Ratio Lower Upper
 94 100
 96 93.0 62.8 116.6

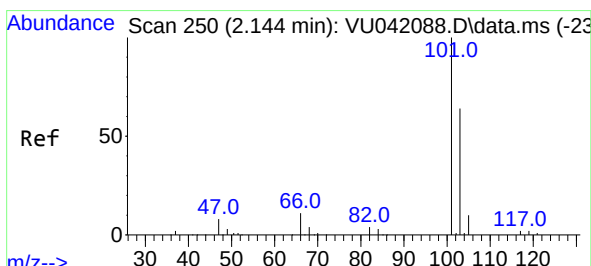
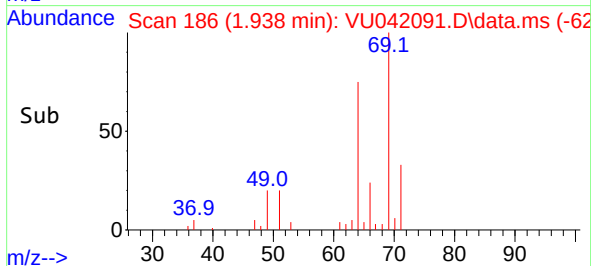
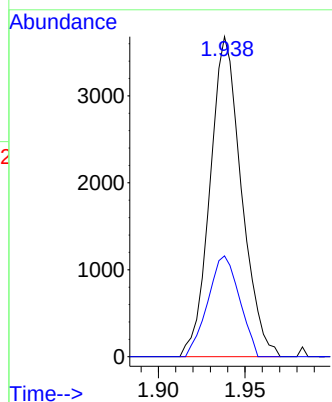
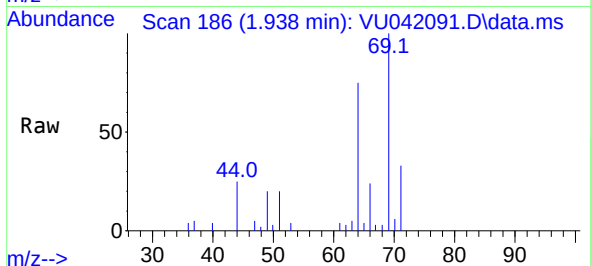




#8
Chloroethane
Concen: 2.31 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

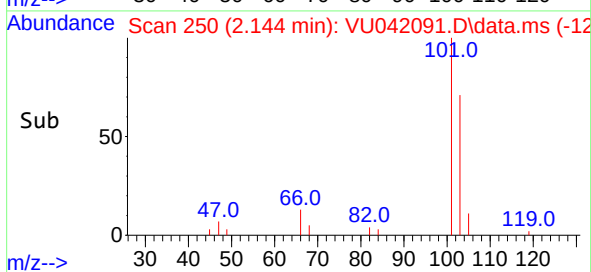
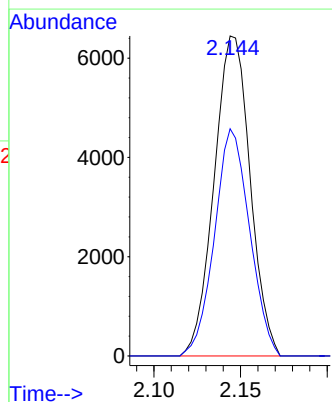
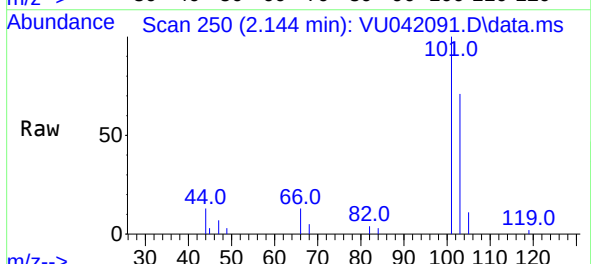
Instrument :
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ClientSampleId :
MDL-WATER-QT1-2021-02

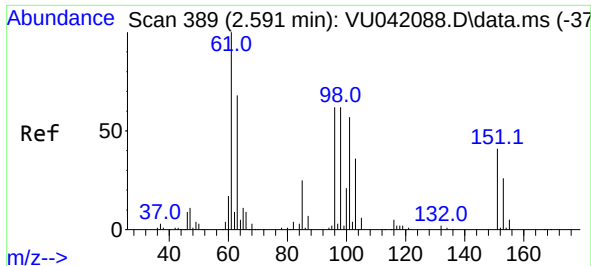
Tgt Ion: 64 Resp: 4645
Ion Ratio Lower Upper
64 100
66 31.5 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.27 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion:101 Resp: 9334
Ion Ratio Lower Upper
101 100
103 69.1 51.4 77.2

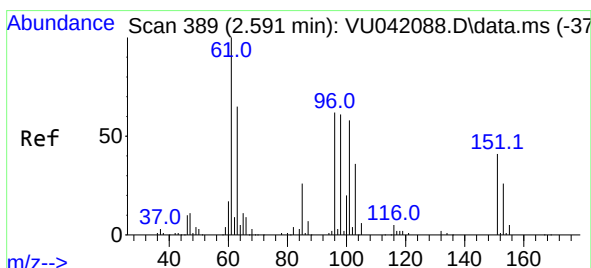
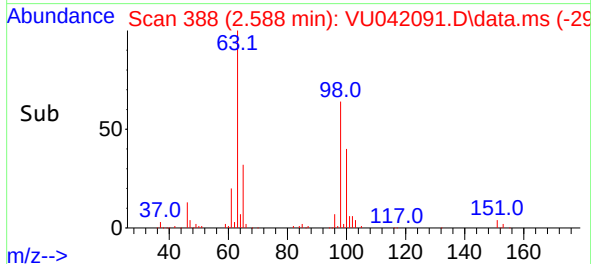
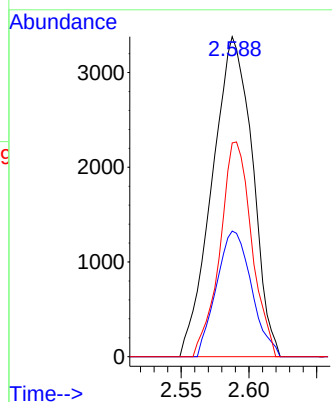
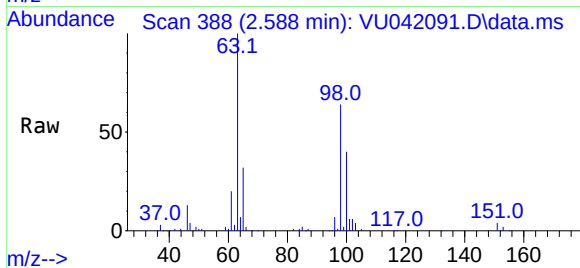




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.04 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

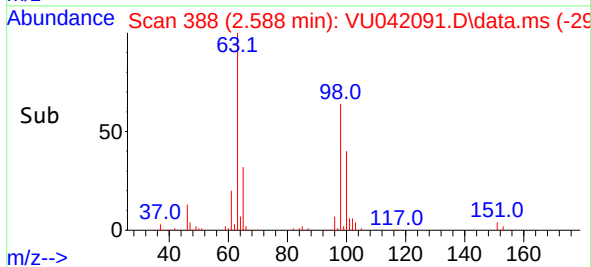
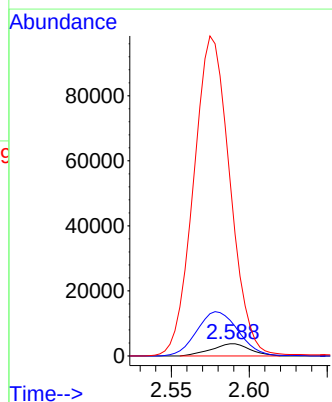
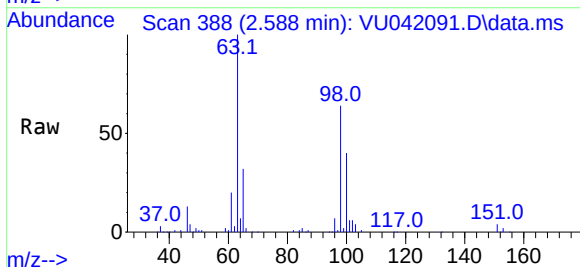
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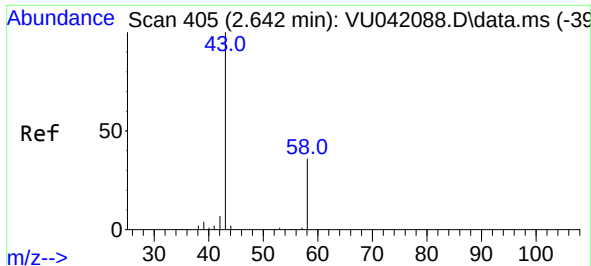
Tgt Ion:101 Resp: 6971
Ion Ratio Lower Upper
101 100
85 34.1 35.0 52.4#
151 53.0 52.6 79.0



#12
1,1-Dichloroethene
Concen: 2.97 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 96 Resp: 6496
Ion Ratio Lower Upper
96 100
61 291.9 127.8 237.4#
63 1429.2 91.2 169.4#

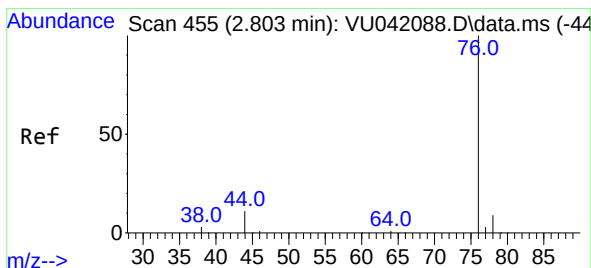
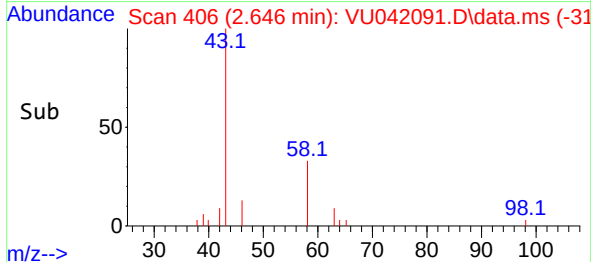
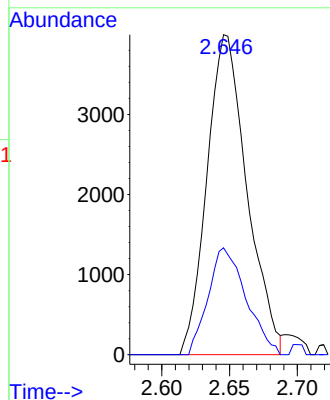
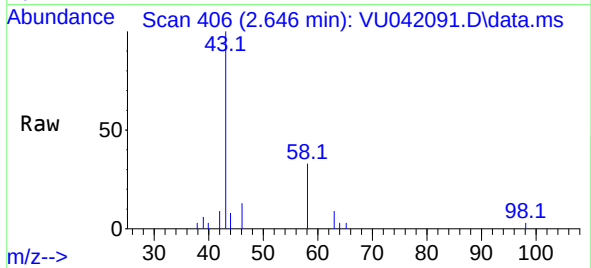




#13
Acetone
Concen: 4.07 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

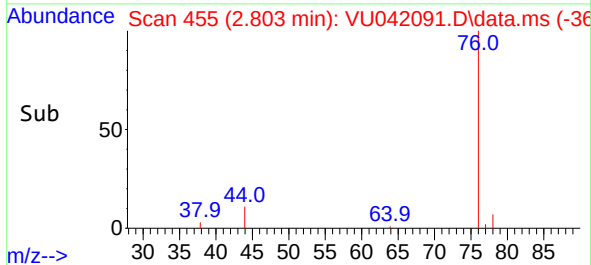
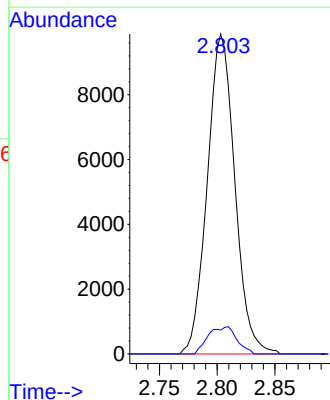
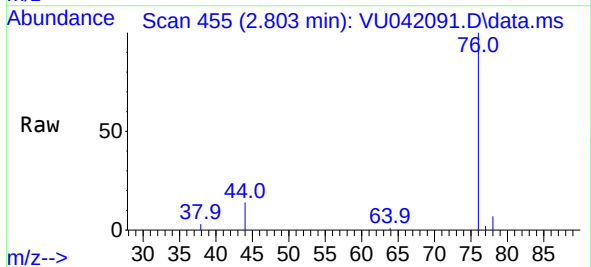
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

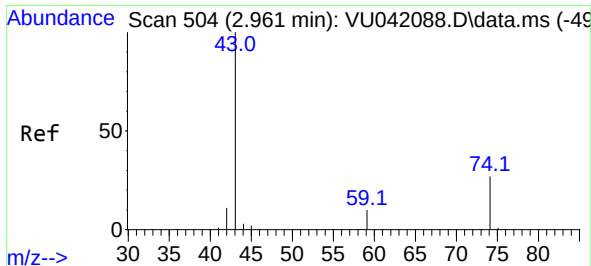
Tgt Ion: 43 Resp: 8190
Ion Ratio Lower Upper
43 100
58 31.6 0.0 70.0



#14
Carbon disulfide
Concen: 2.32 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 76 Resp: 16390
Ion Ratio Lower Upper
76 100
78 7.5 7.3 10.9

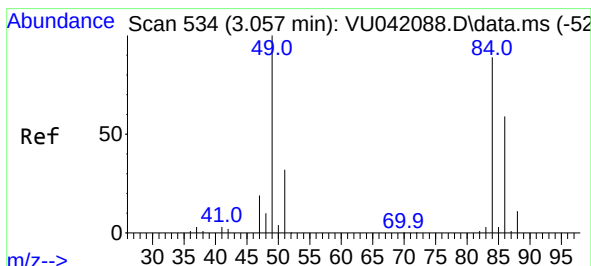
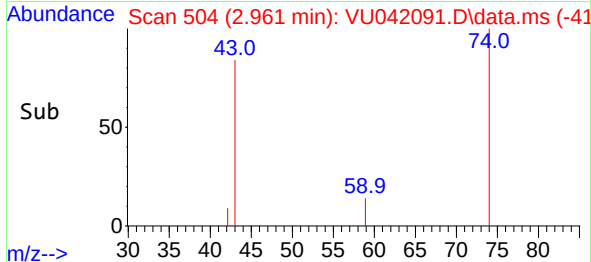
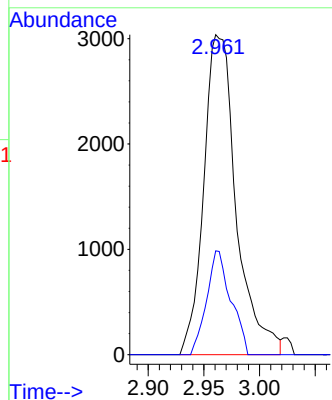
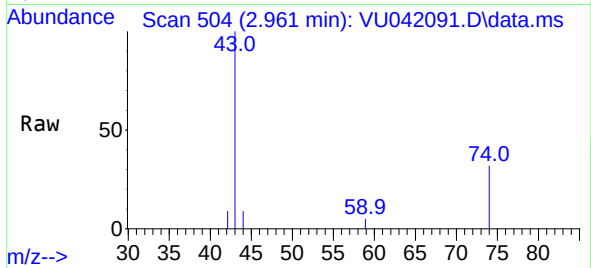




#15
Methyl Acetate
Concen: 1.95 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

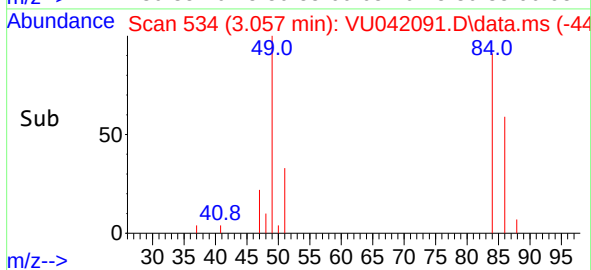
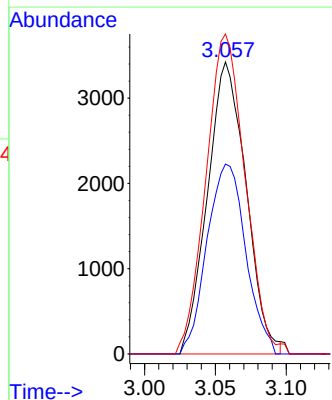
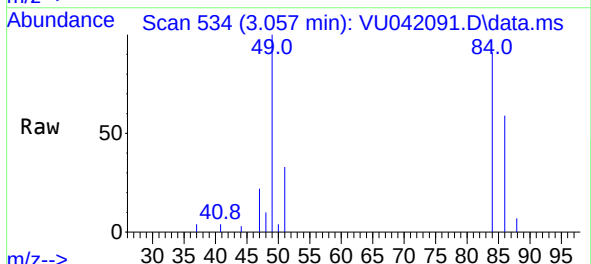
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

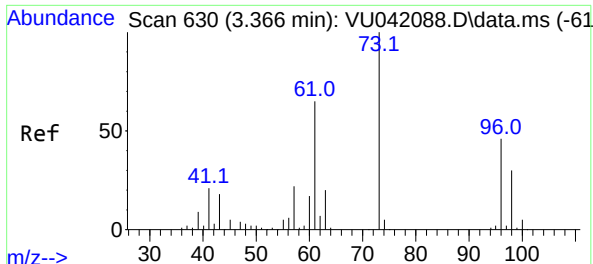
Tgt Ion: 43 Resp: 6171
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



#16
Methylene chloride
Concen: 2.56 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 84 Resp: 6493
Ion Ratio Lower Upper
84 100
86 65.0 45.6 84.6
49 109.6 86.0 159.6



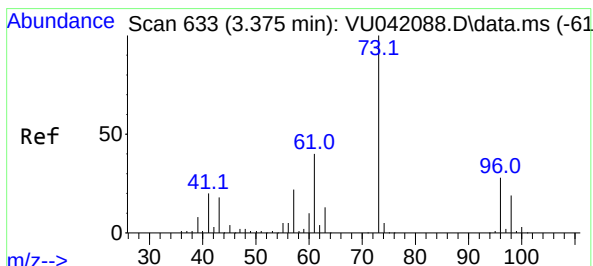
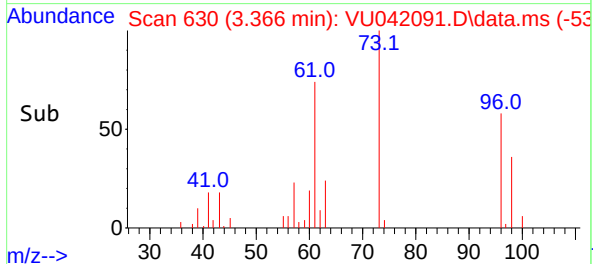
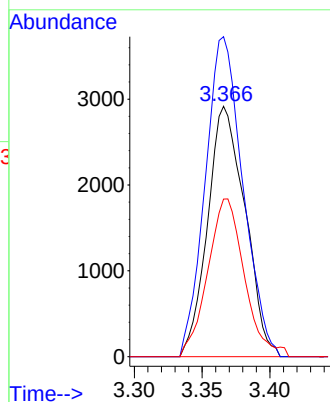
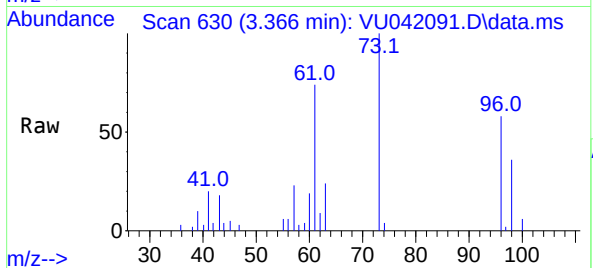


#17
trans-1,2-Dichloroethene
Concen: 2.44 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

Tgt Ion: 96 Resp: 5597

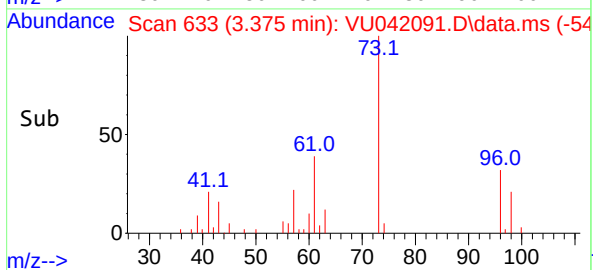
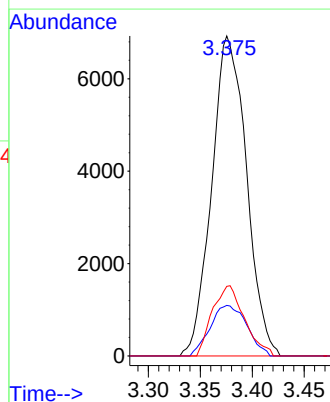
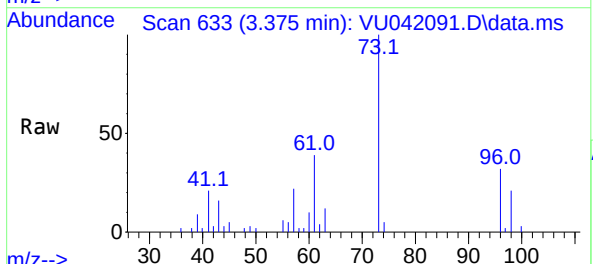
Ion	Ratio	Lower	Upper
96	100		
61	127.8	105.3	195.6
98	62.9	45.3	84.1

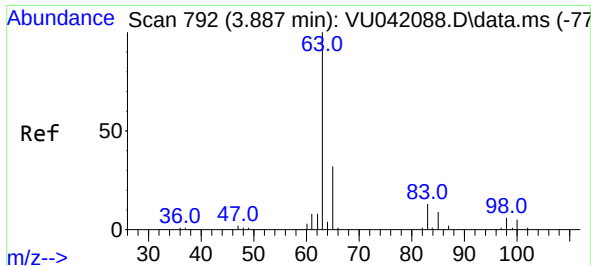


#18
Methyl tert-butyl Ether
Concen: 2.17 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 73 Resp: 16124

Ion	Ratio	Lower	Upper
73	100		
43	16.7	15.0	22.4
57	20.4	18.1	27.1



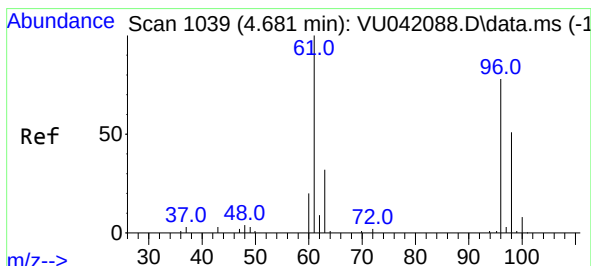
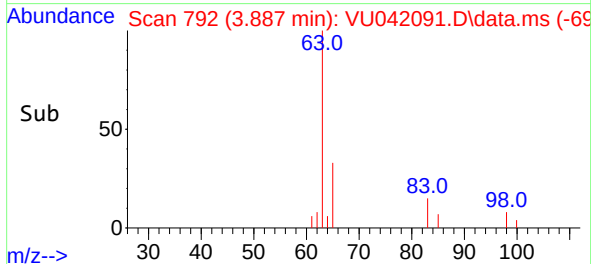
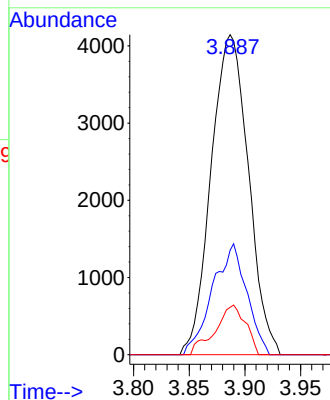
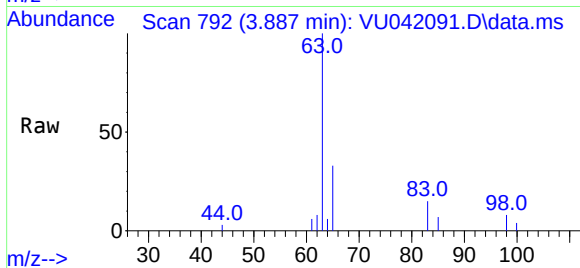


#19

1,1-Dichloroethane
Concen: 2.13 ug/L
RT: 3.887 min Scan# 792
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

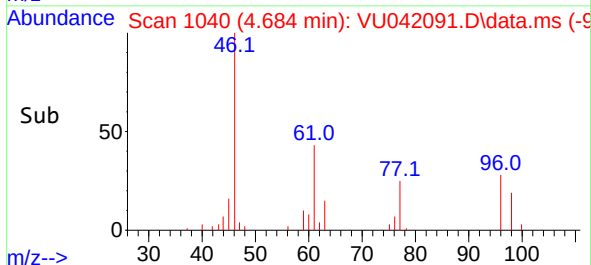
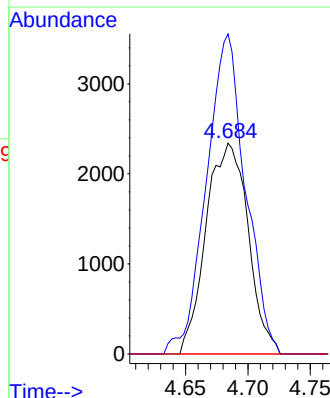
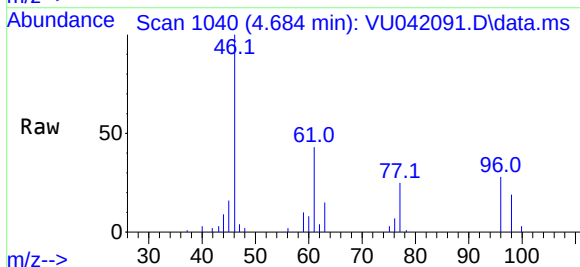
Tgt Ion:	63	Resp:	9678
Ion	Ratio	Lower	Upper
63	100		
65	32.7	21.8	40.6
83	14.8	9.4	17.4

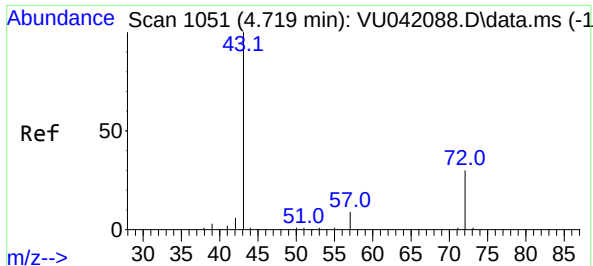


#20

cis-1,2-Dichloroethene
Concen: 2.22 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion:	96	Resp:	5492
Ion	Ratio	Lower	Upper
96	100		
61	151.8	93.9	174.5
68	0.0	0.0	0.0

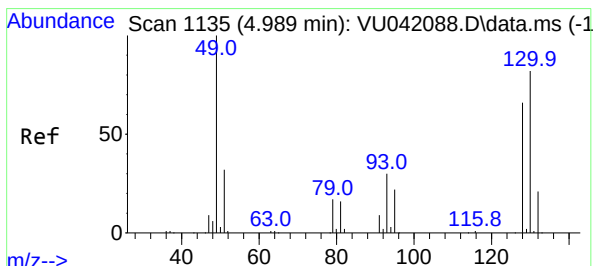
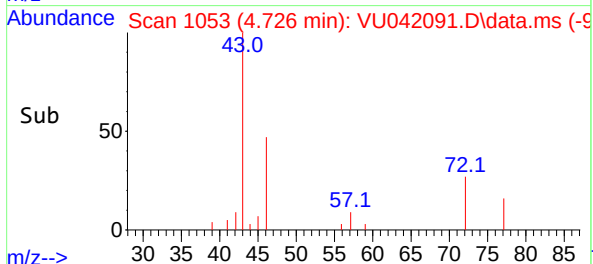
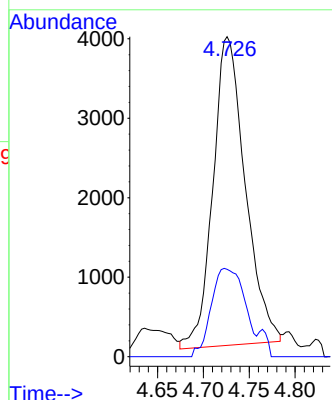
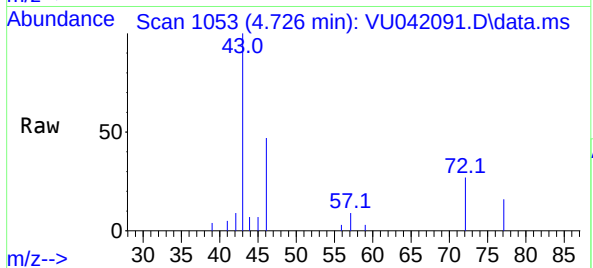




#22
2-Butanone
Concen: 3.60 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.007 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

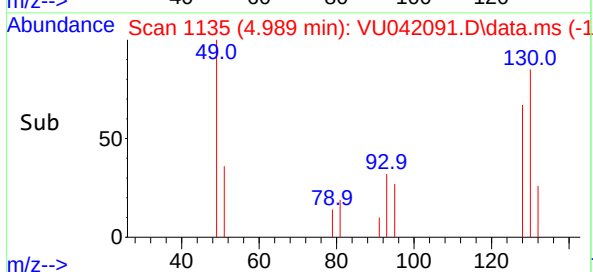
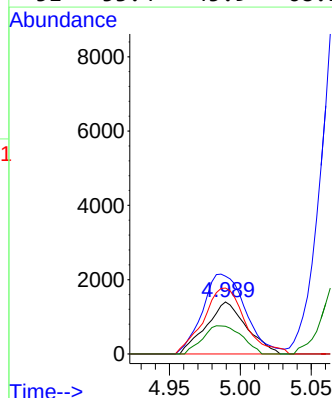
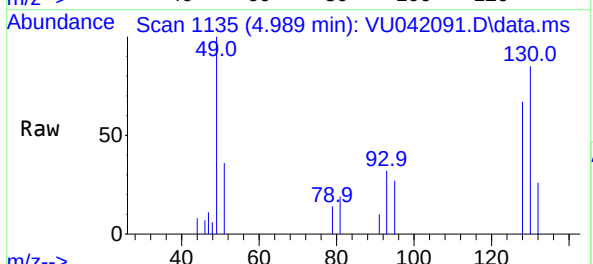
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

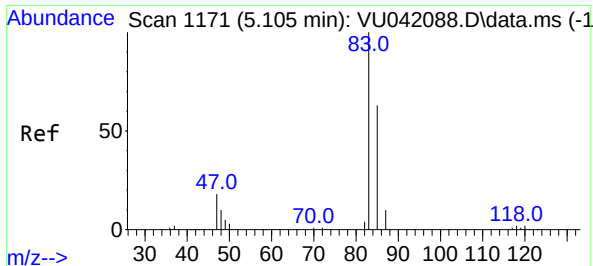
Tgt Ion: 43 Resp: 9515
Ion Ratio Lower Upper
43 100
72 29.2 13.6 40.8



#23
Bromochloromethane
Concen: 2.32 ug/L
RT: 4.989 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 128 Resp: 2761
Ion Ratio Lower Upper
128 100
49 149.7 124.9 232.1
130 126.9 91.1 169.3
51 53.4 45.9 68.9



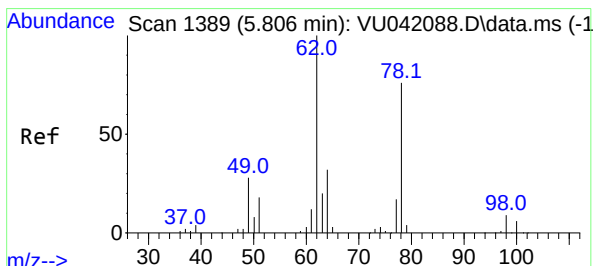
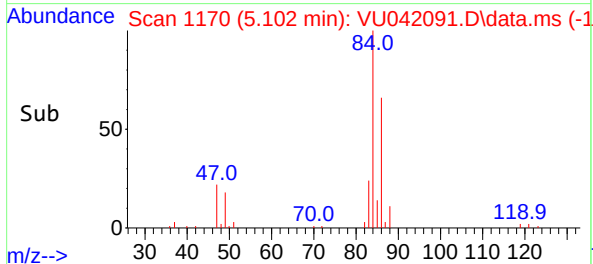
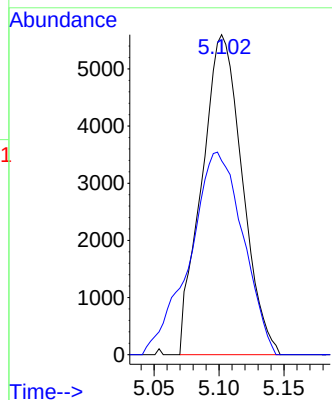
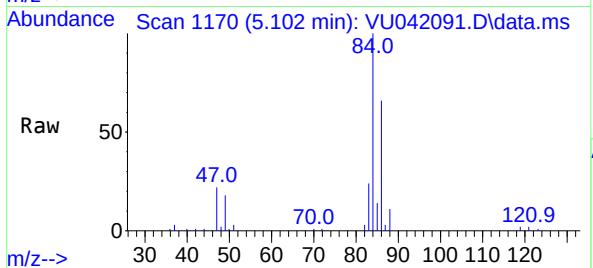


#25

Chloroform
Concen: 2.69 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

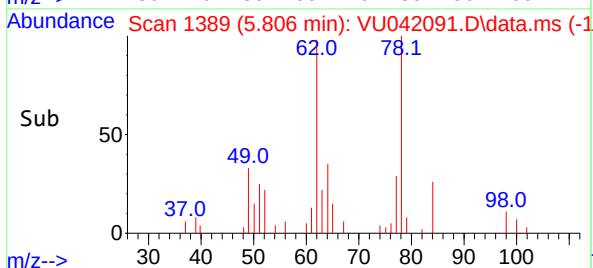
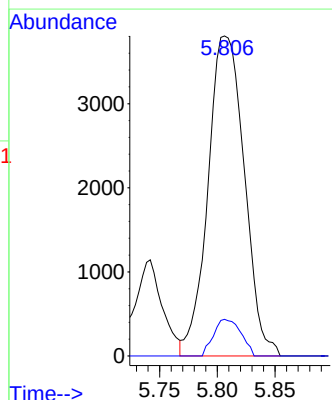
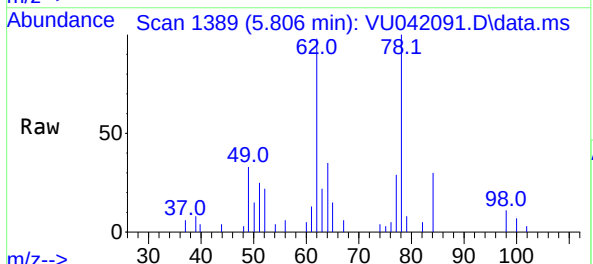
Tgt Ion: 83 Resp: 12148
Ion Ratio Lower Upper
83 100
85 60.6 46.9 87.1

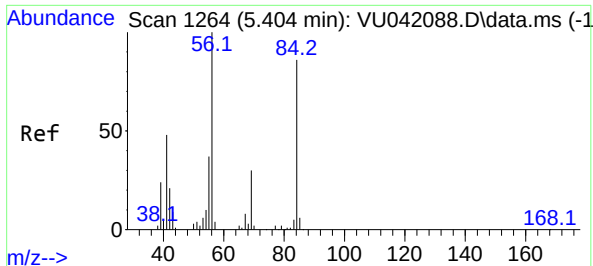


#27

1,2-Dichloroethane
Concen: 2.41 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 62 Resp: 8336
Ion Ratio Lower Upper
62 100
98 11.5 7.3 10.9#





#29

Cyclohexane

Concen: 1.79 ug/L

RT: 5.407 min Scan# 1265

Delta R.T. 0.003 min

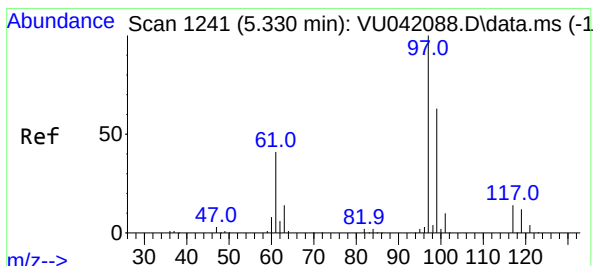
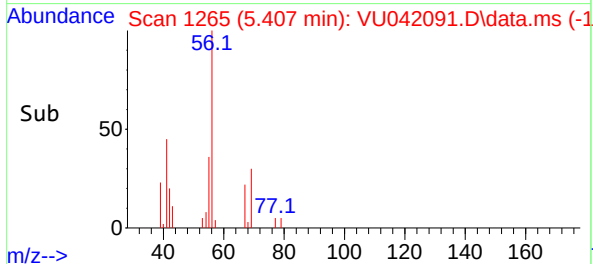
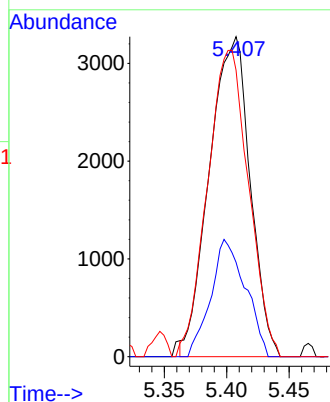
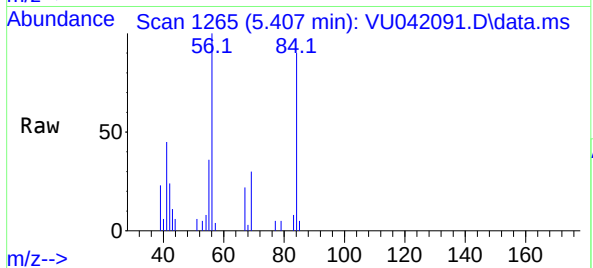
Lab File: VU042091.D

Acq: 18 Jan 2021 13:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

Tgt Ion: 56 Resp: 7430

Ion	Ratio	Lower	Upper
56	100		
69	31.3	23.4	35.0
84	96.6	64.3	96.5



#30

1,1,1-Trichloroethane

Concen: 2.03 ug/L

RT: 5.330 min Scan# 1241

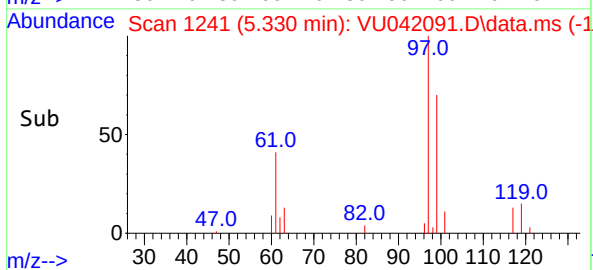
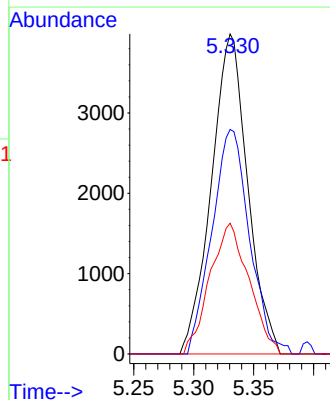
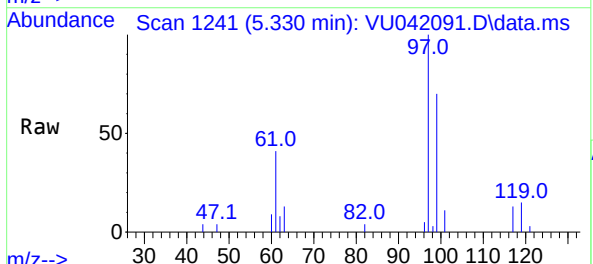
Delta R.T. 0.000 min

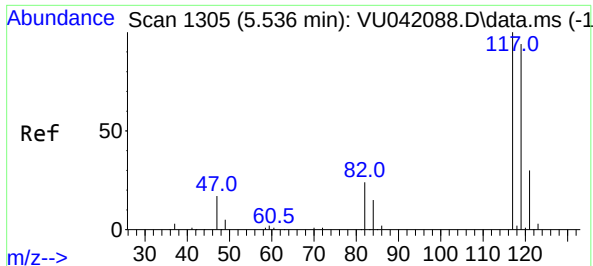
Lab File: VU042091.D

Acq: 18 Jan 2021 13:19

Tgt Ion: 97 Resp: 8379

Ion	Ratio	Lower	Upper
97	100		
99	72.8	51.3	76.9
61	44.0	37.1	55.7

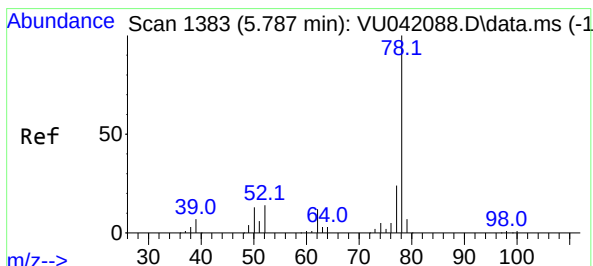
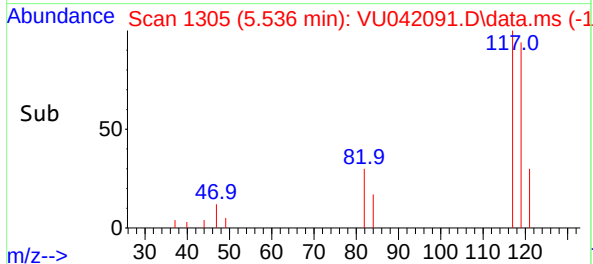
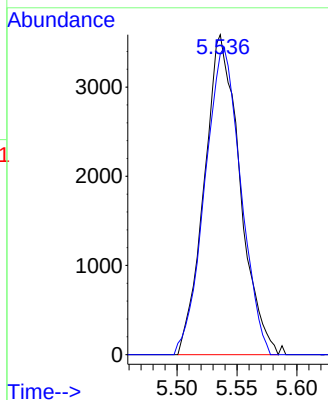
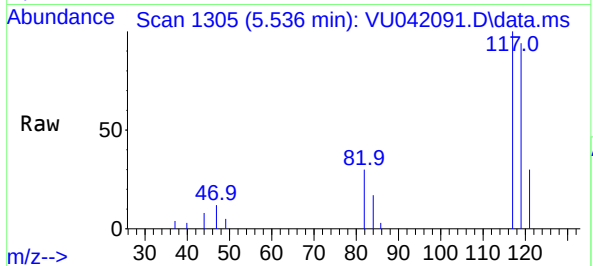




#31
Carbon tetrachloride
Concen: 2.16 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

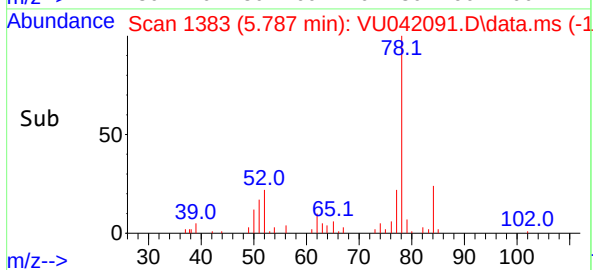
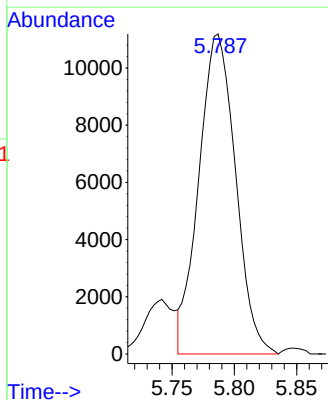
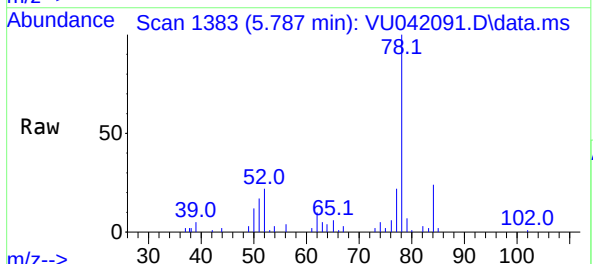
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

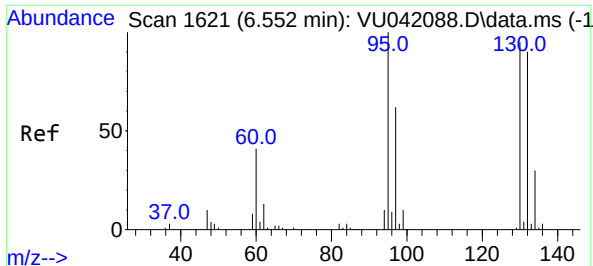
Tgt Ion:117 Resp: 7406
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7



#33
Benzene
Concen: 2.23 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 78 Resp: 22896



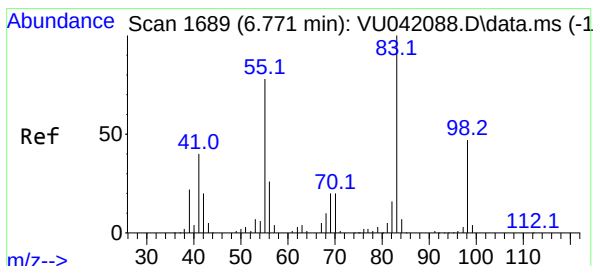
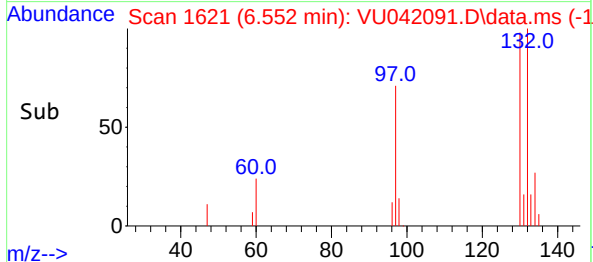
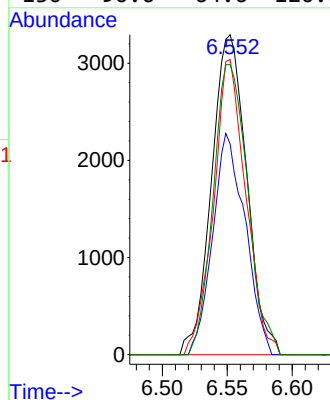
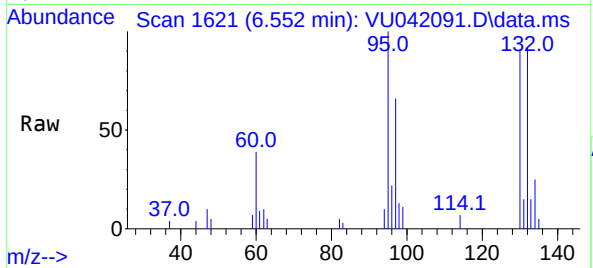


#34
Trichloroethene
Concen: 2.45 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

Tgt Ion: 95 Resp: 6183

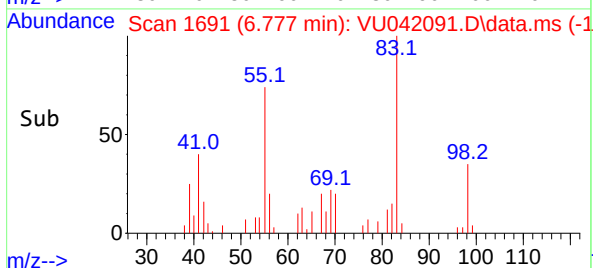
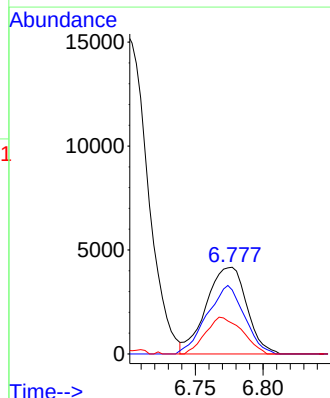
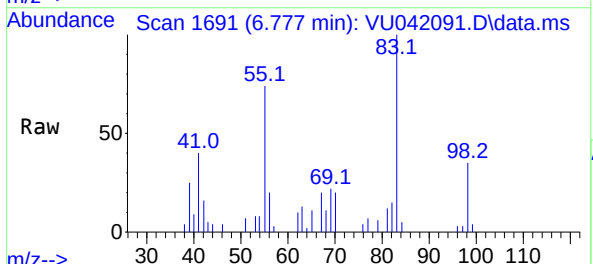
Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.1	85.7
132	92.2	63.5	117.9
130	90.6	64.6	120.0

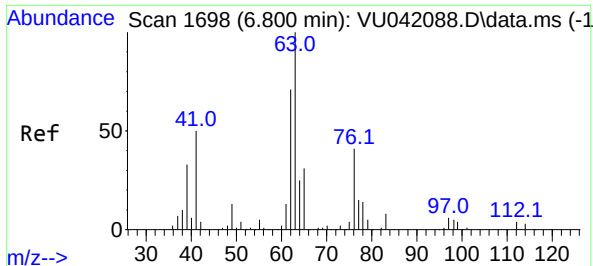


#35
Methylcyclohexane
Concen: 2.34 ug/L
RT: 6.777 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 83 Resp: 8666

Ion	Ratio	Lower	Upper
83	100		
55	72.6	65.8	98.8
98	38.6	36.9	55.3



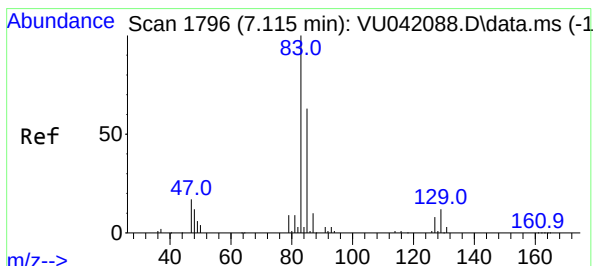
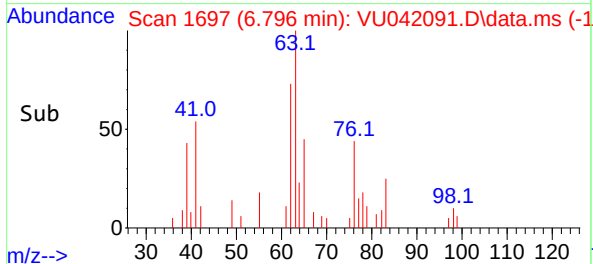
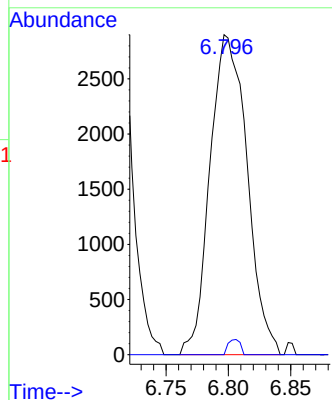
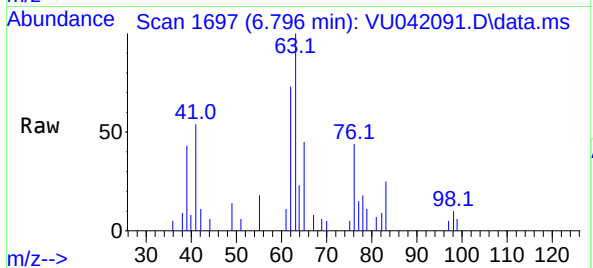


#37

1,2-Dichloropropane
Concen: 2.23 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

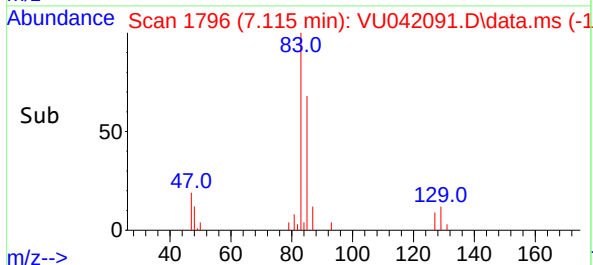
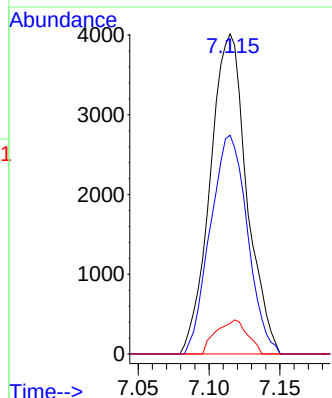
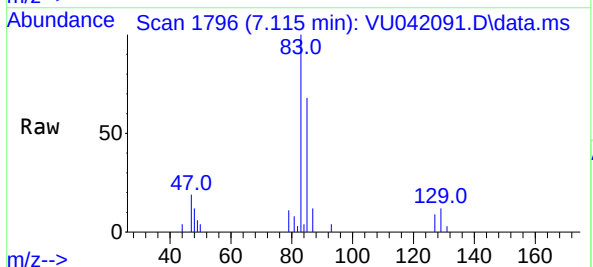
Tgt Ion: 63 Resp: 6009
Ion Ratio Lower Upper
63 100
112 1.6 3.0 4.4#

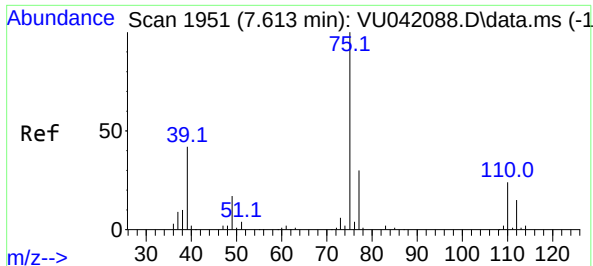


#38

Bromodichloromethane
Concen: 2.16 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 83 Resp: 7216
Ion Ratio Lower Upper
83 100
85 68.4 45.3 84.1
127 9.5 6.6 9.8

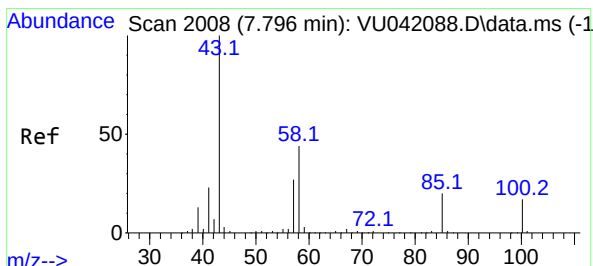
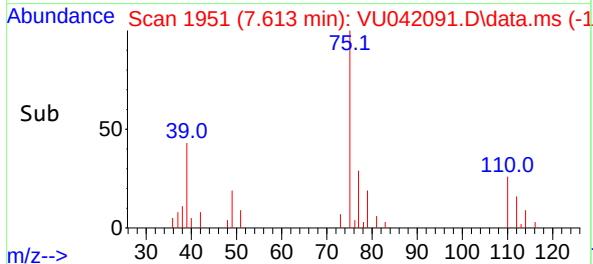
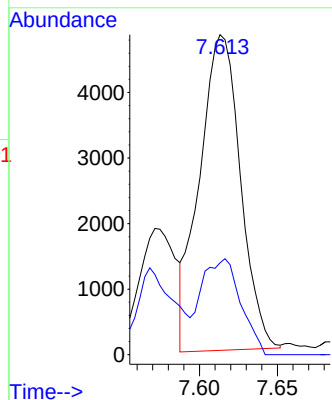
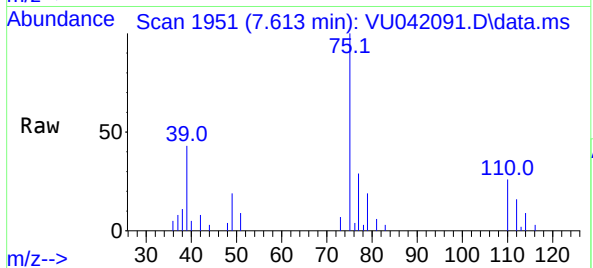




#39
cis-1,3-Dichloropropene
Concen: 2.22 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

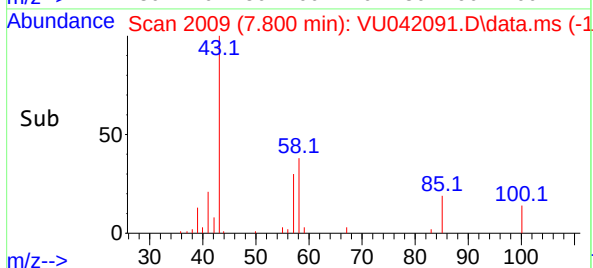
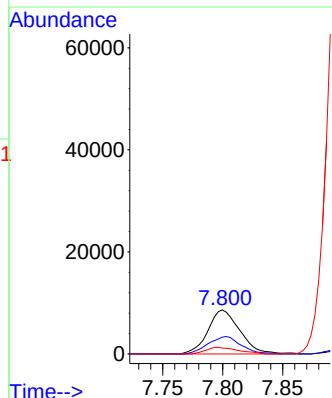
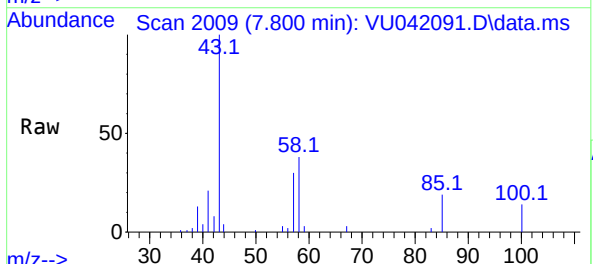
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

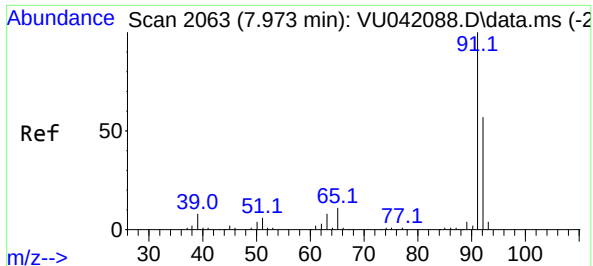
Tgt Ion: 75 Resp: 8778
Ion Ratio Lower Upper
75 100
77 28.7 22.1 41.1



#40
4-Methyl-2-pentanone
Concen: 3.82 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 43 Resp: 15884
Ion Ratio Lower Upper
43 100
58 40.9 33.4 50.0
100 15.1 12.0 18.0





#42

Toluene

Concen: 2.37 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU042091.D

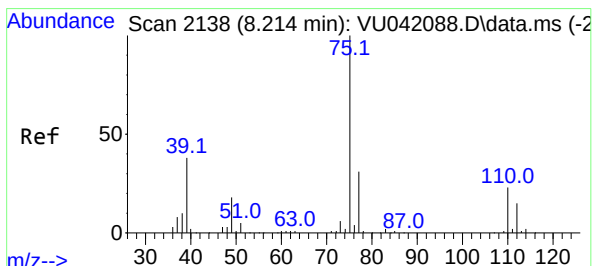
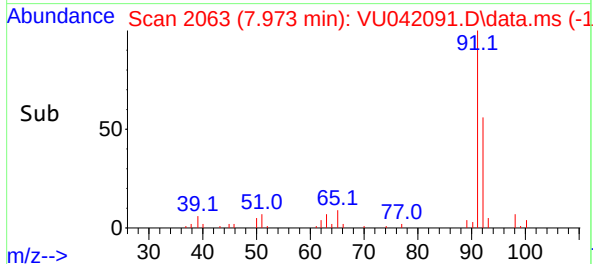
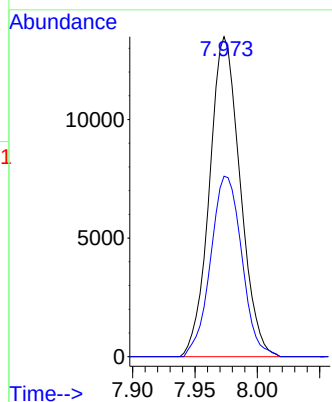
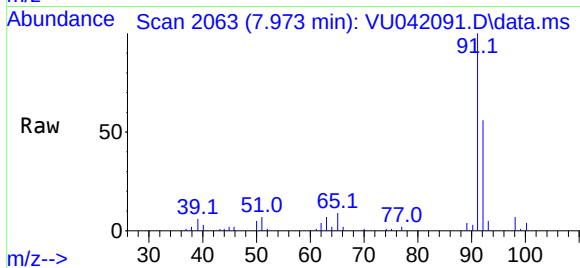
Acq: 18 Jan 2021 13:19

Tgt Ion: 91 Resp: 23111

Ion Ratio Lower Upper

91 100

92 56.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 2.51 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU042091.D

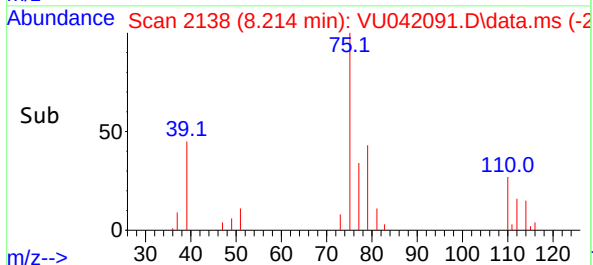
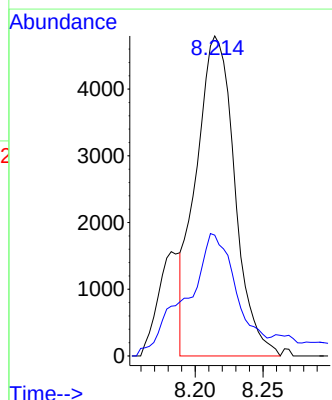
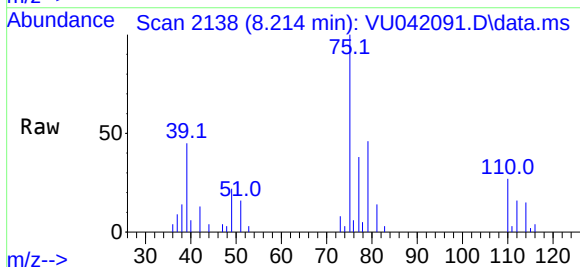
Acq: 18 Jan 2021 13:19

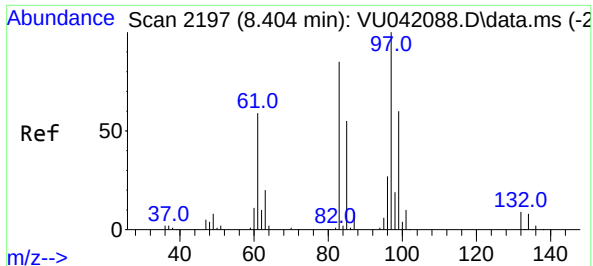
Tgt Ion: 75 Resp: 9535

Ion Ratio Lower Upper

75 100

77 37.8 21.3 39.6





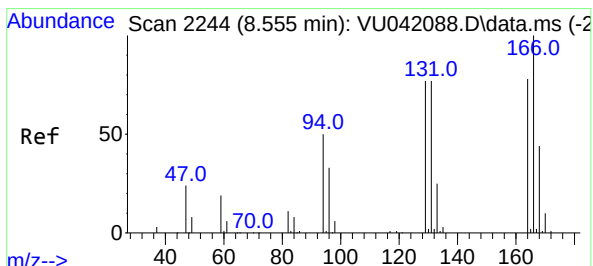
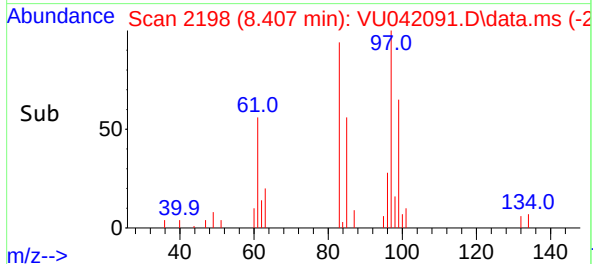
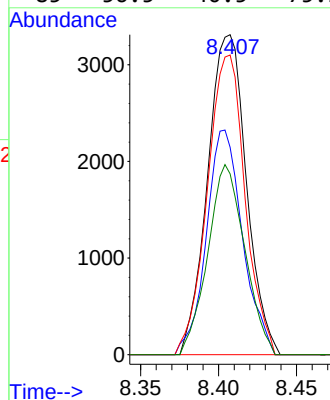
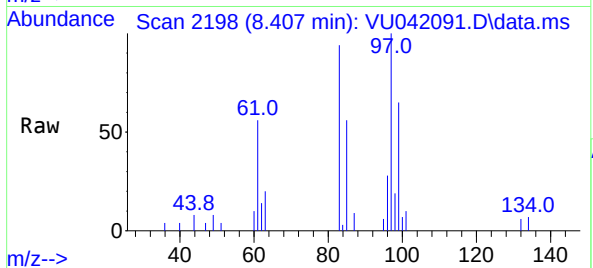
#45

1,1,2-Trichloroethane
Concen: 2.44 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

Tgt Ion: 97 Resp: 5734

Ion	Ratio	Lower	Upper
97	100		
99	64.8	42.4	78.8
83	93.6	65.2	121.2
85	56.5	40.5	75.3

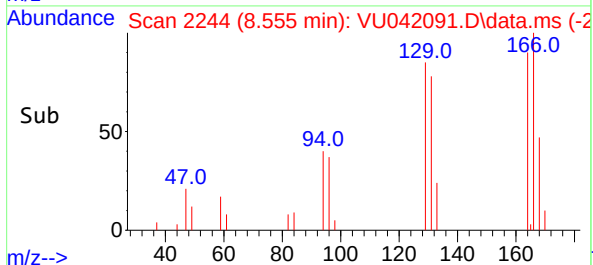
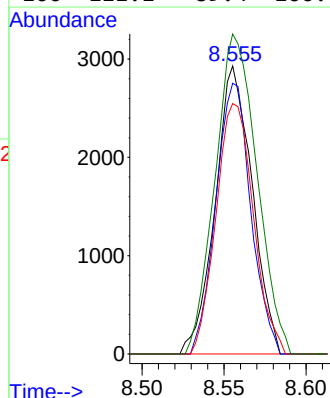
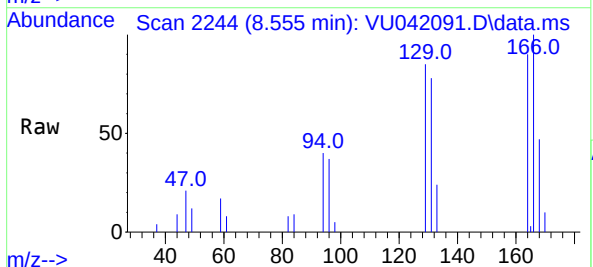


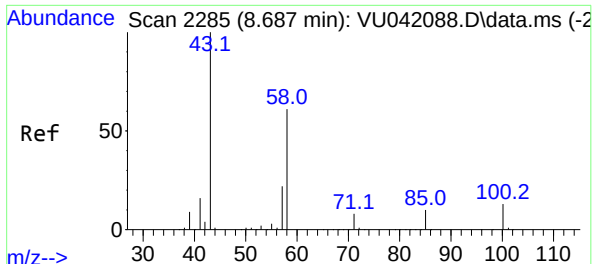
#46

Tetrachloroethene
Concen: 2.89 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 164 Resp: 4577

Ion	Ratio	Lower	Upper
164	100		
129	94.0	71.6	133.0
131	87.0	68.4	127.0
166	111.1	89.4	166.0



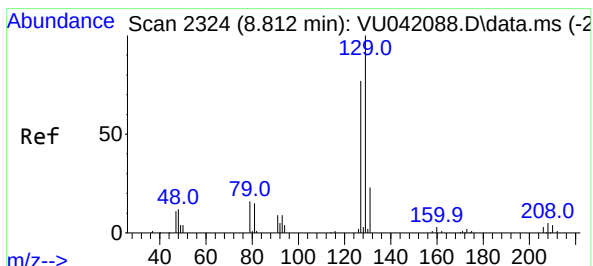
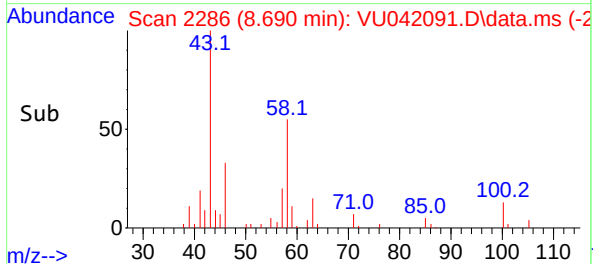
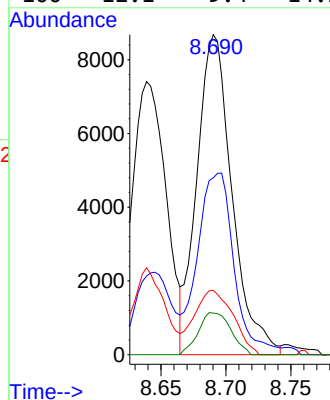
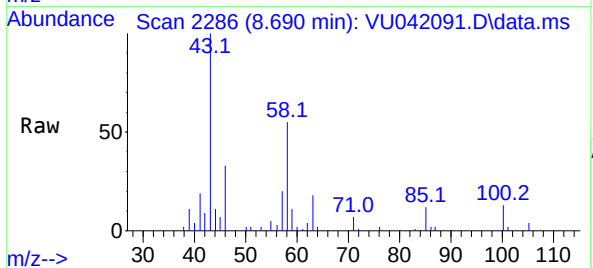


#48
2-Hexanone
Concen: 4.76 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

Tgt Ion: 43 Resp: 16383

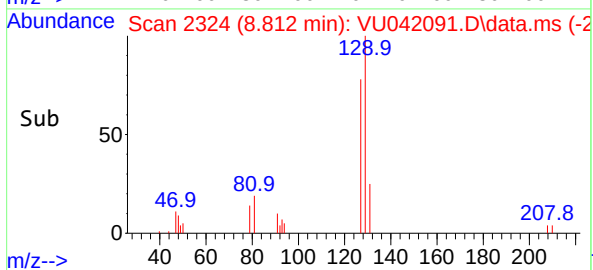
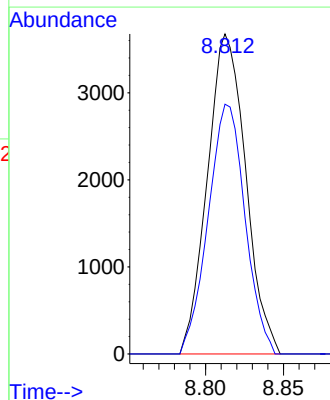
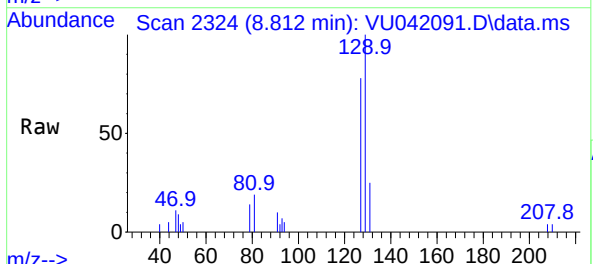
Ion	Ratio	Lower	Upper
43	100		
58	53.9	46.6	70.0
57	22.3	17.1	25.7
100	12.1	9.4	14.2

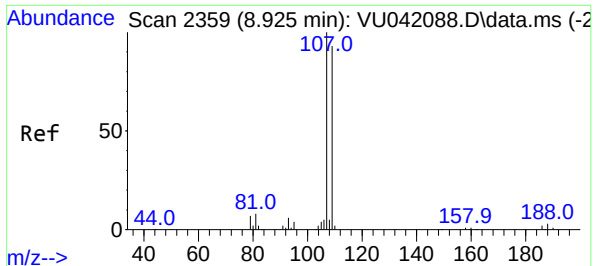


#49
Dibromochloromethane
Concen: 2.52 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 129 Resp: 6291

Ion	Ratio	Lower	Upper
129	100		
127	78.0	55.9	103.7





#50

1,2-Dibromoethane

Concen: 2.49 ug/L

RT: 8.928 min Scan# 2360

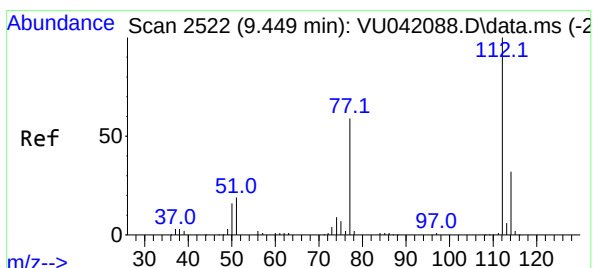
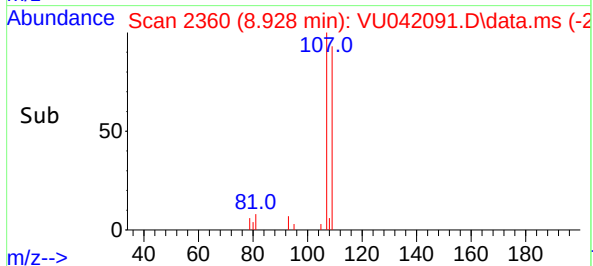
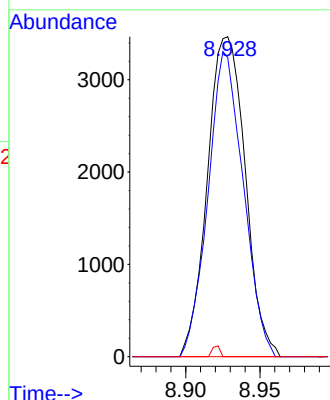
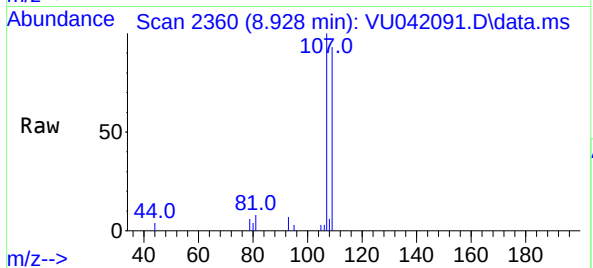
Delta R.T. 0.003 min

Lab File: VU042091.D

Acq: 18 Jan 2021 13:19

Tgt Ion:	107	Resp:	6140
Ion	Ratio	Lower	Upper
107	100		
109	93.5	65.5	121.7
188	0.0	2.2	3.4#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02



#51

Chlorobenzene

Concen: 2.52 ug/L

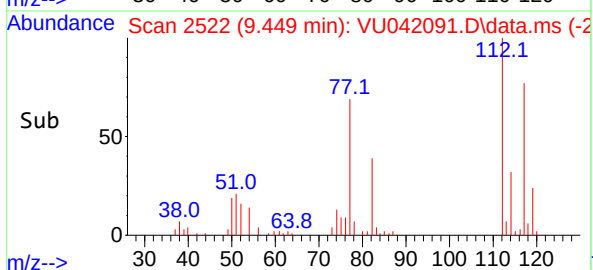
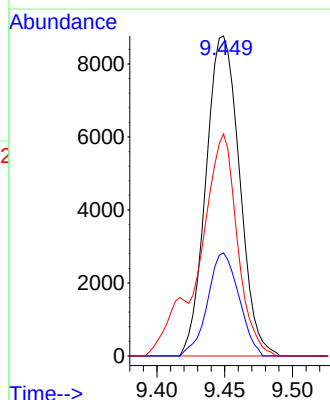
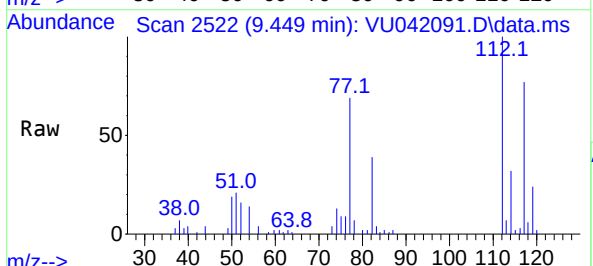
RT: 9.449 min Scan# 2522

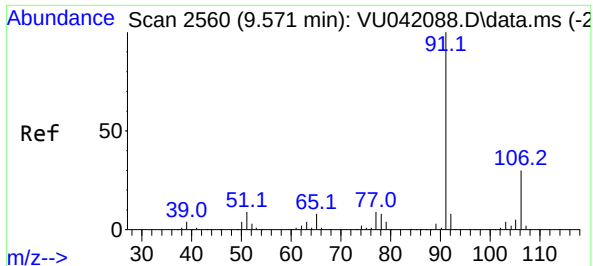
Delta R.T. 0.000 min

Lab File: VU042091.D

Acq: 18 Jan 2021 13:19

Tgt Ion:	112	Resp:	15109
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.3
77	69.4	49.4	74.0

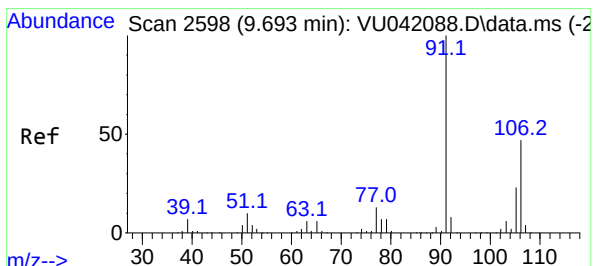
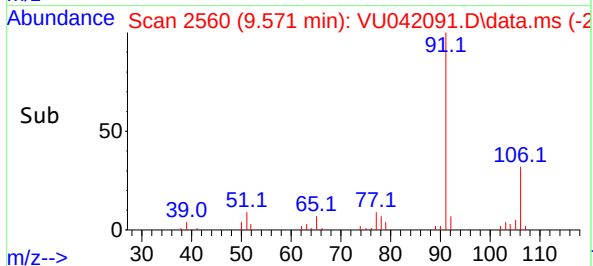
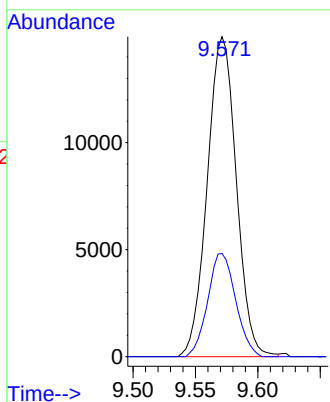
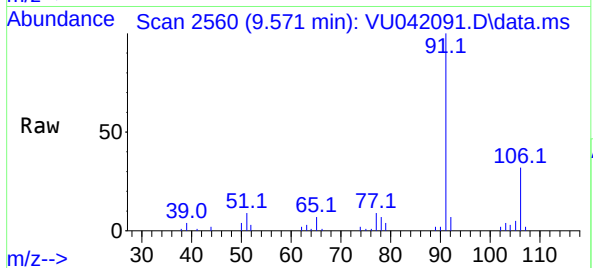




#52
Ethylbenzene
Concen: 2.33 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

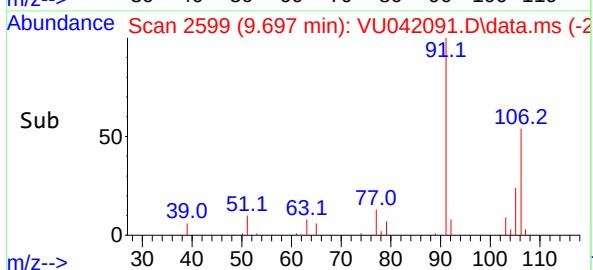
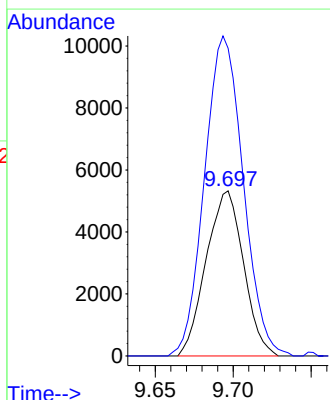
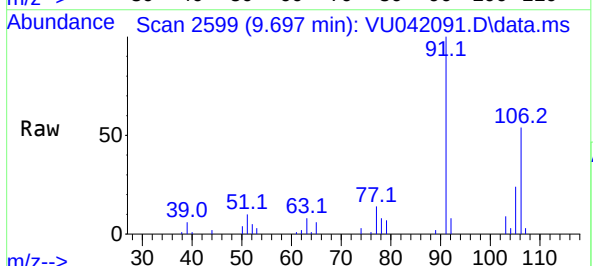
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

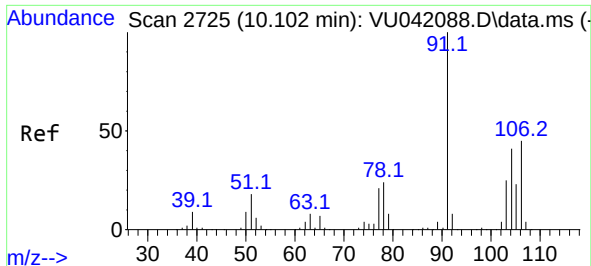
Tgt Ion: 91 Resp: 24262
Ion Ratio Lower Upper
91 100
106 32.3 20.8 38.6



#53
m,p-Xylene
Concen: 2.35 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 106 Resp: 8871
Ion Ratio Lower Upper
106 100
91 186.4 151.4 281.2

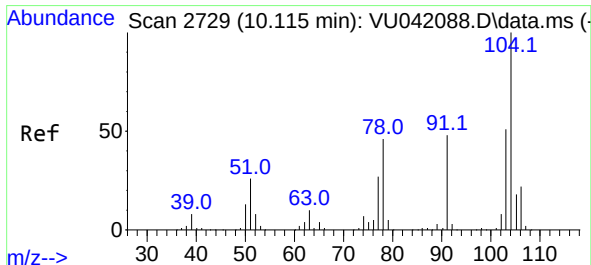
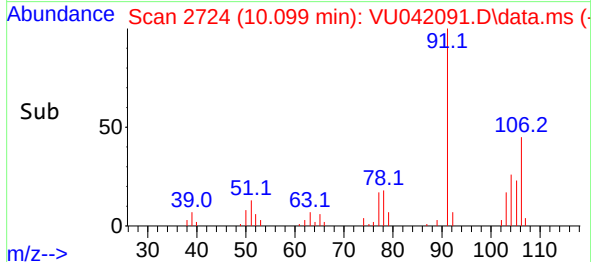
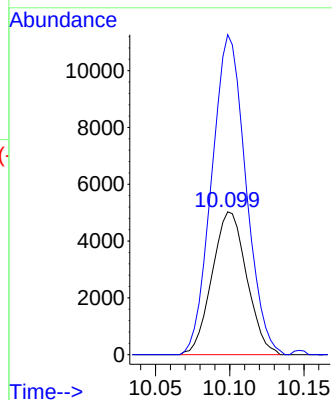
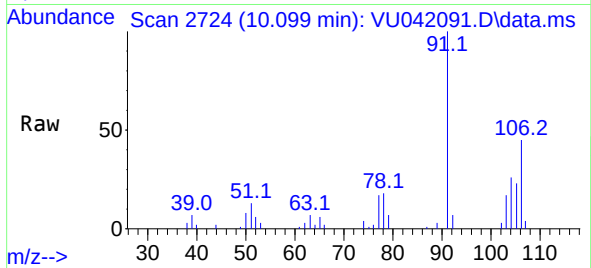




#54
o-xylene
Concen: 2.24 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

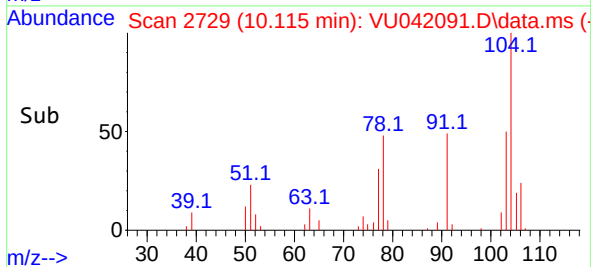
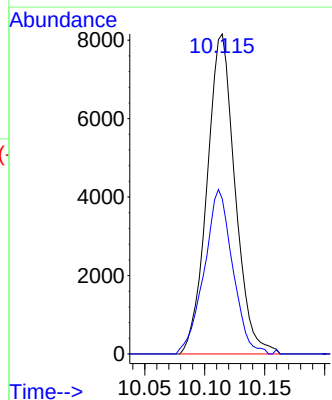
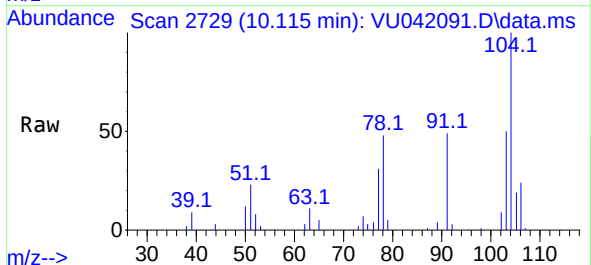
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

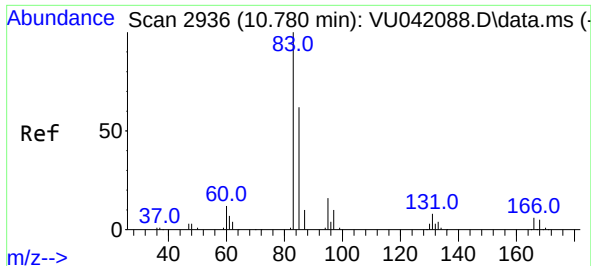
Tgt Ion:106 Resp: 8161
Ion Ratio Lower Upper
106 100
91 223.8 158.5 294.3



#55
Styrene
Concen: 2.07 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion:104 Resp: 13293
Ion Ratio Lower Upper
104 100
78 48.5 35.0 65.0

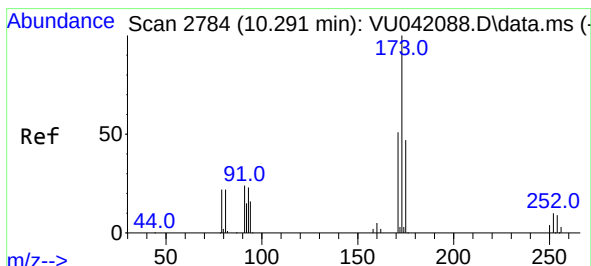
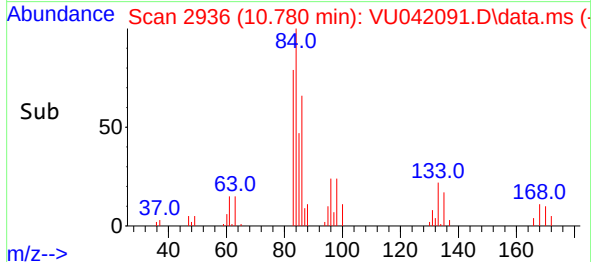
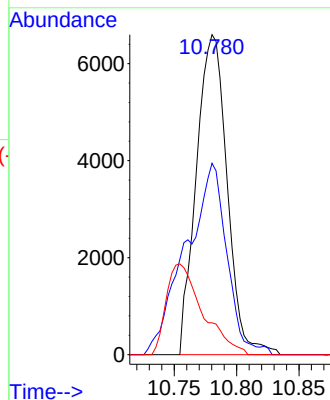
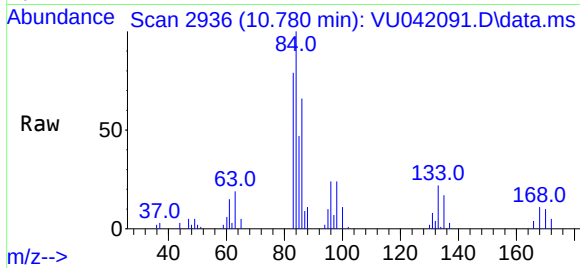




#57
1,1,2,2-Tetrachloroethane
Concen: 2.61 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

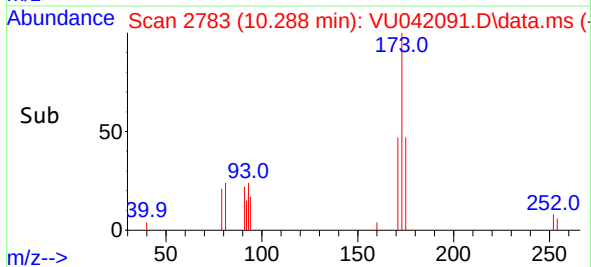
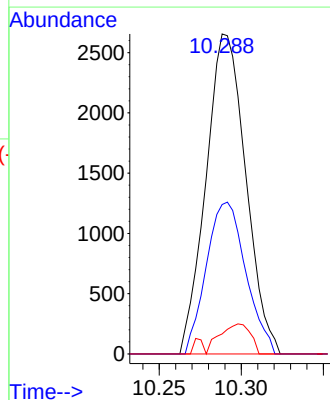
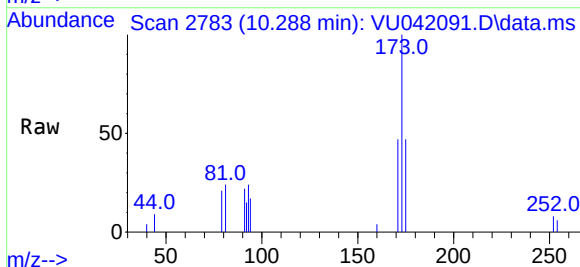
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

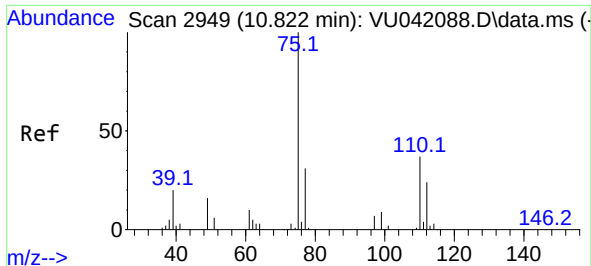
Tgt Ion:	83	Resp:	11331
Ion	Ratio	Lower	Upper
83	100		
85	59.8	45.1	83.9
131	9.9	7.4	11.2



#59
Bromoform
Concen: 2.53 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion:	173	Resp:	4468
Ion	Ratio	Lower	Upper
173	100		
175	47.1	37.8	56.8
254	7.3	6.6	10.0

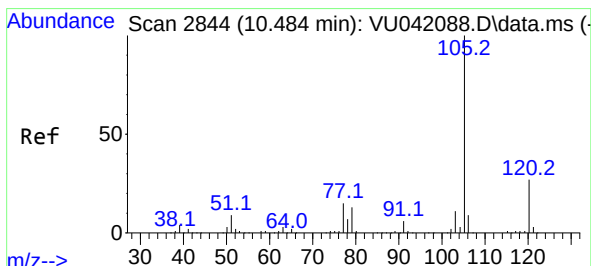
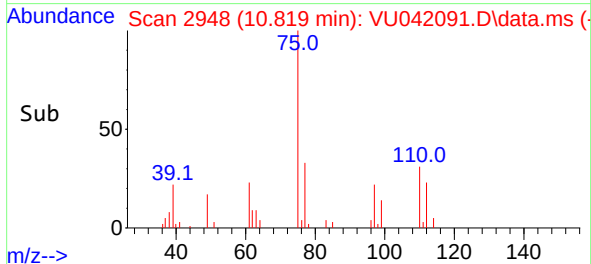
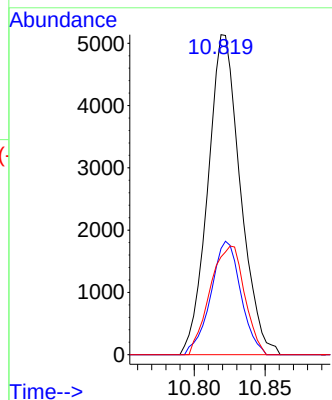
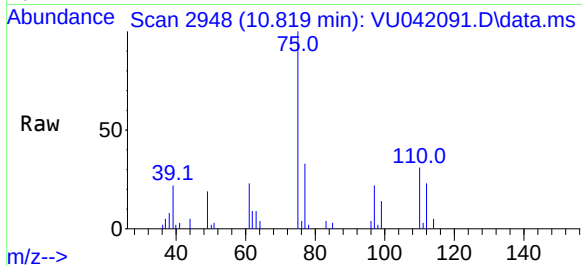




#60
1,2,3-Trichloropropane
Concen: 2.31 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

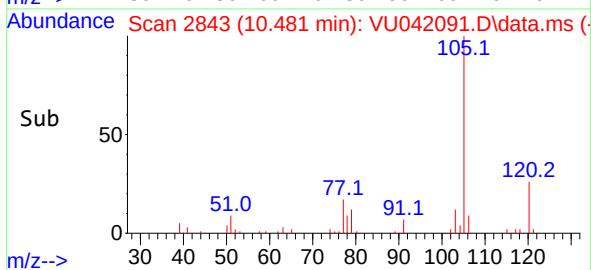
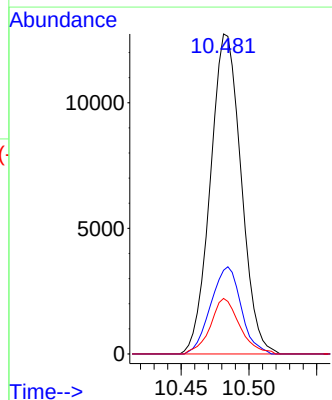
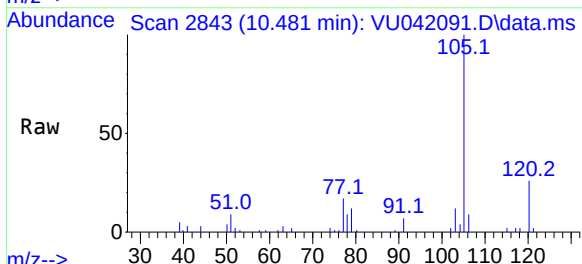
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

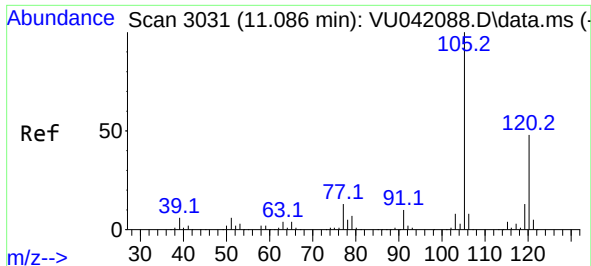
Tgt Ion: 75	Resp:	8184
Ion Ratio	Lower	Upper
75	100	
77	32.9	25.8 38.6
110	36.0	28.7 43.1



#61
Isopropylbenzene
Concen: 2.11 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 105	Resp:	20091
Ion Ratio	Lower	Upper
105	100	
120	26.9	20.6 30.8
77	16.5	13.4 20.0

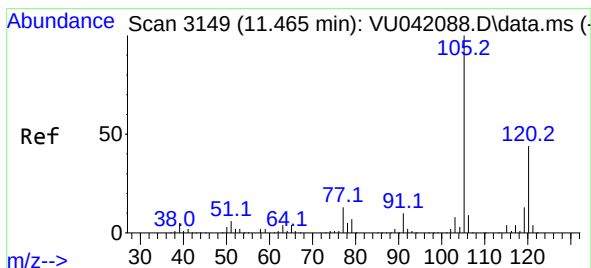
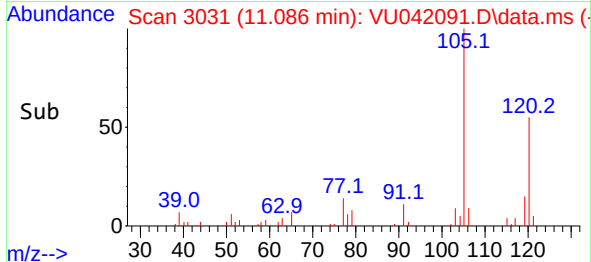
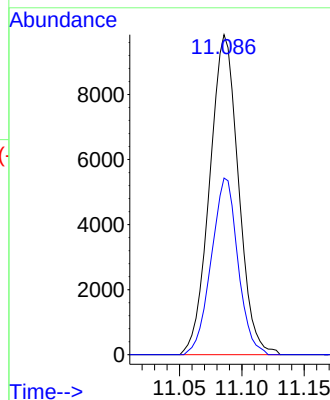
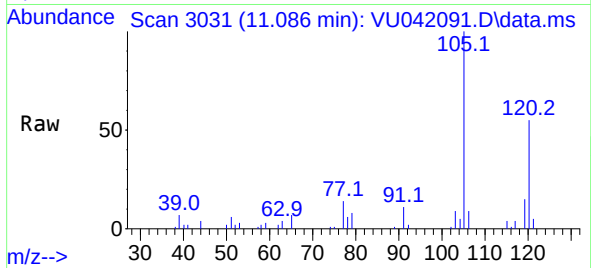




#62
1,3,5-Trimethylbenzene
Concen: 1.96 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

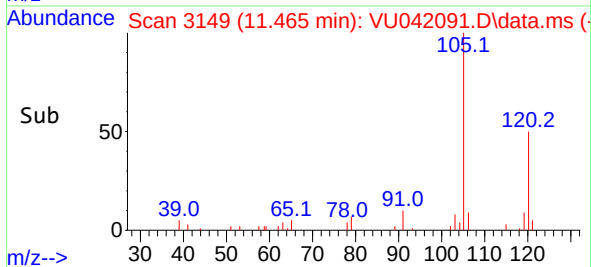
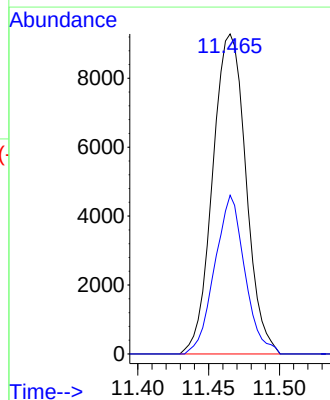
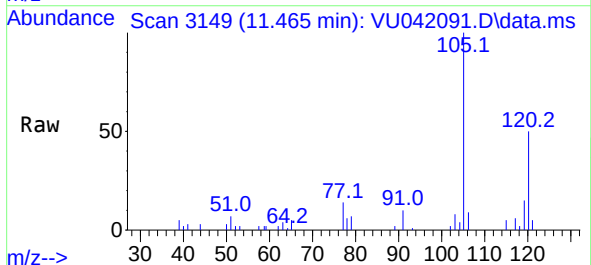
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

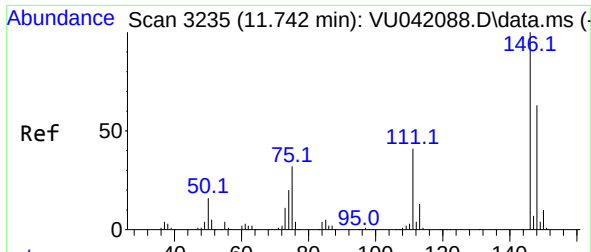
Tgt Ion:105 Resp: 15813
Ion Ratio Lower Upper
105 100
120 51.1 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 1.88 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion:105 Resp: 15198
Ion Ratio Lower Upper
105 100
120 44.8 35.5 53.3

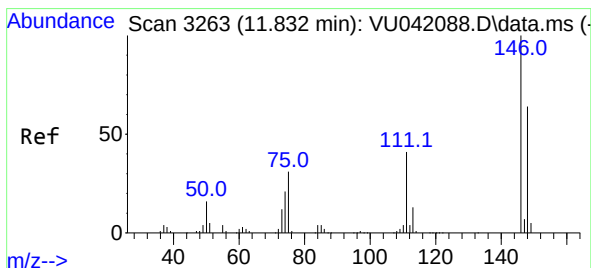
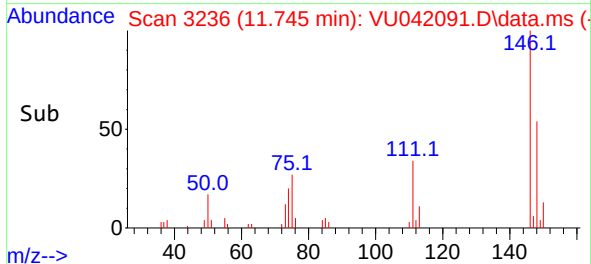
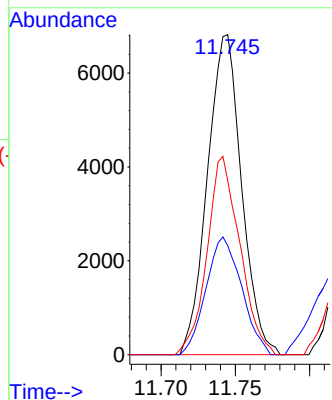
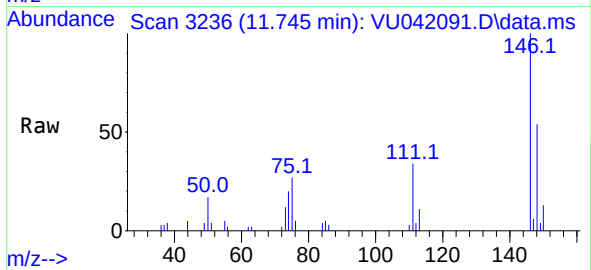




#64
1,3-Dichlorobenzene
Concen: 2.51 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

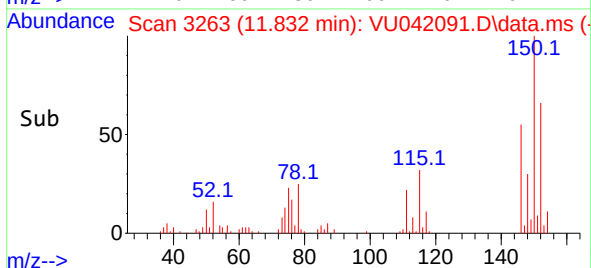
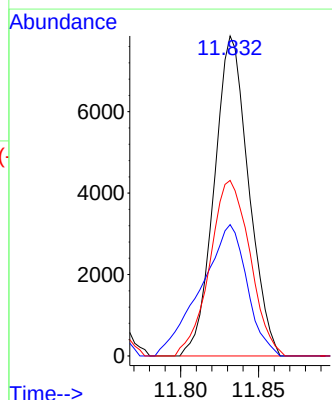
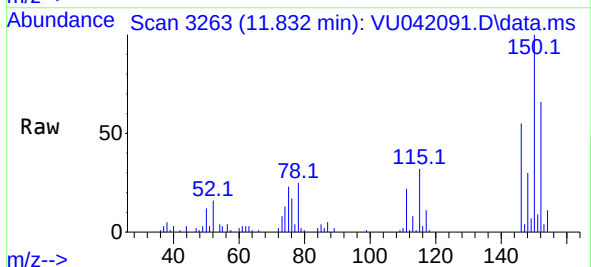
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

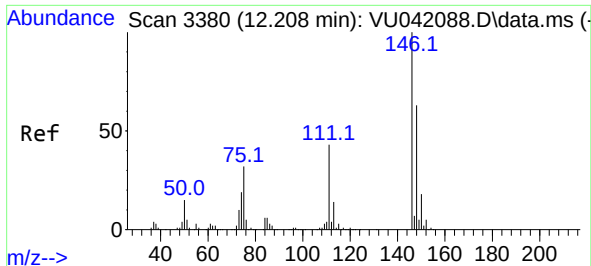
Tgt Ion:146 Resp: 10908
Ion Ratio Lower Upper
146 100
111 34.1 30.7 56.9
148 54.4 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 2.77 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion:146 Resp: 12033
Ion Ratio Lower Upper
146 100
111 41.1 29.4 54.6
148 54.8 45.1 83.9



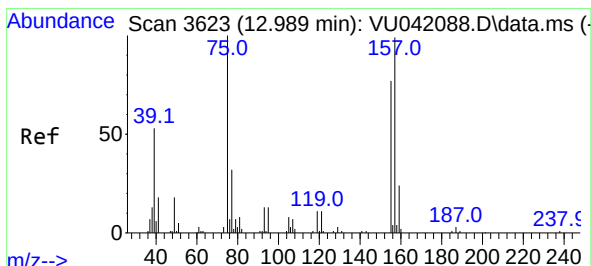
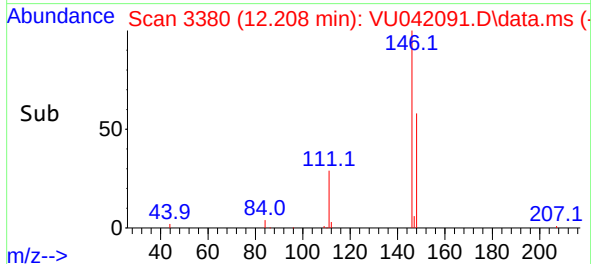
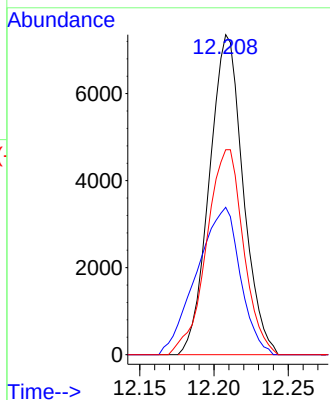
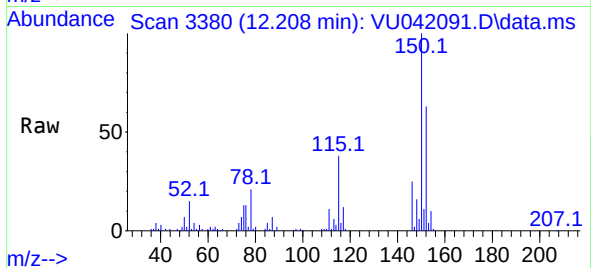


#67

1,2-Dichlorobenzene
Concen: 2.61 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

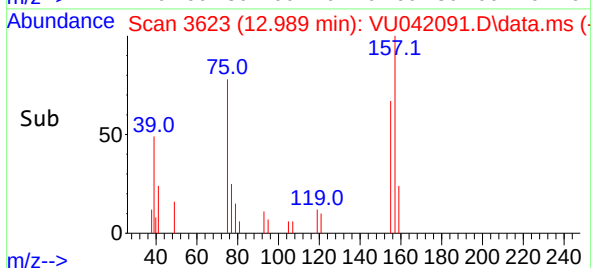
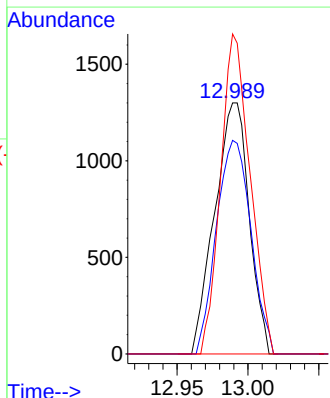
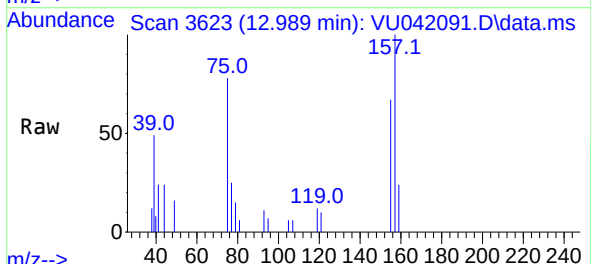
Tgt Ion:146 Resp: 11609
Ion Ratio Lower Upper
146 100
111 46.0 35.4 53.2
148 64.1 52.6 79.0

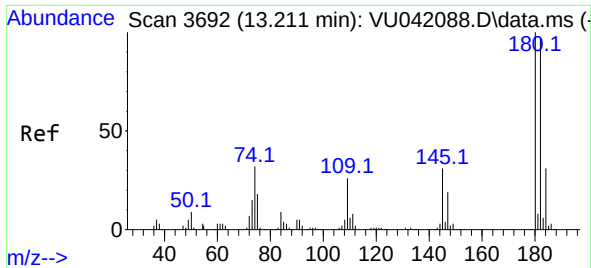


#68

1,2-Dibromo-3-chloropropane
Concen: 1.95 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion: 75 Resp: 2197
Ion Ratio Lower Upper
75 100
155 85.1 56.2 84.2#
157 127.5 69.5 104.3#



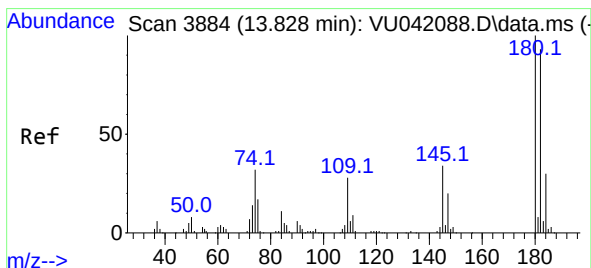
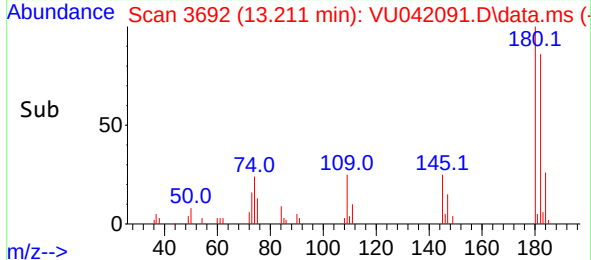
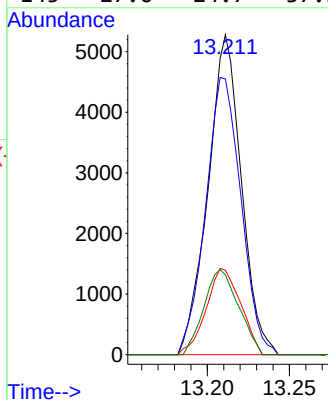
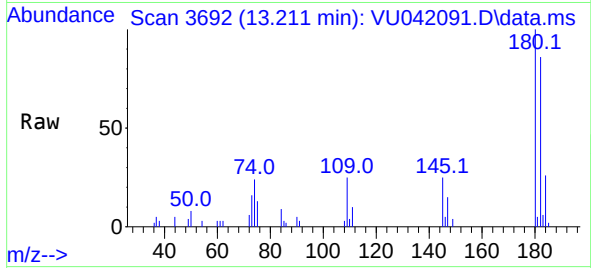


#69
1,3,5-Trichlorobenzene
Concen: 2.54 ug/L
RT: 13.211 min Scan# 3692
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

Tgt Ion:180 Resp: 7454

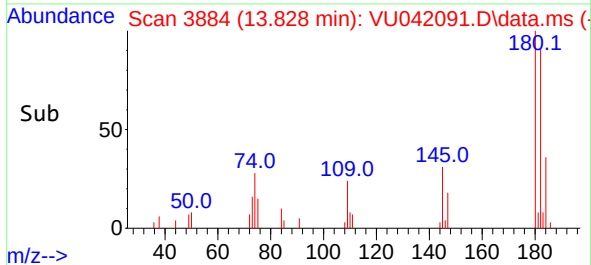
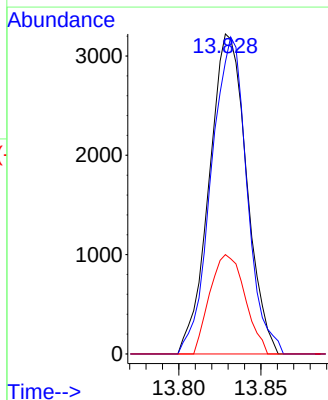
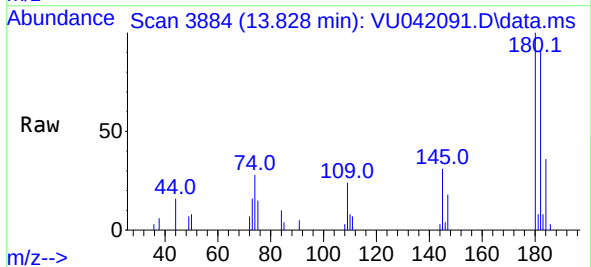
Ion	Ratio	Lower	Upper
180	100		
182	91.6	76.1	114.1
184	27.8	24.3	36.5
145	27.6	24.7	37.1

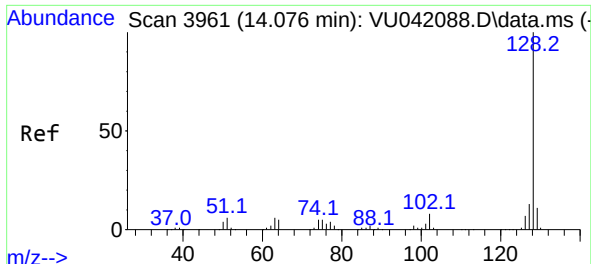


#70
1,2,4-trichlorobenzene
Concen: 2.24 ug/L
RT: 13.828 min Scan# 3884
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion:180 Resp: 5083

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.1	114.1
145	29.2	26.8	40.2

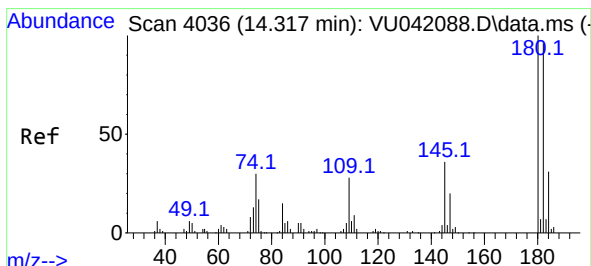
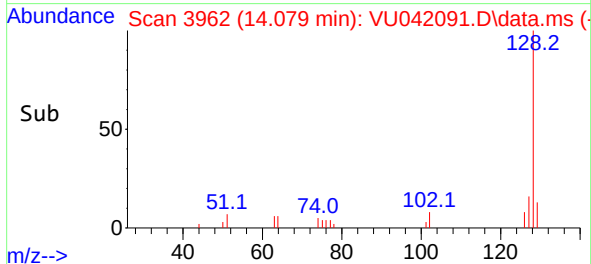
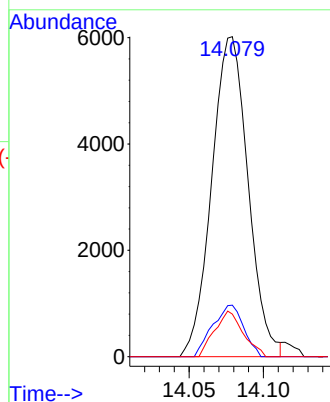
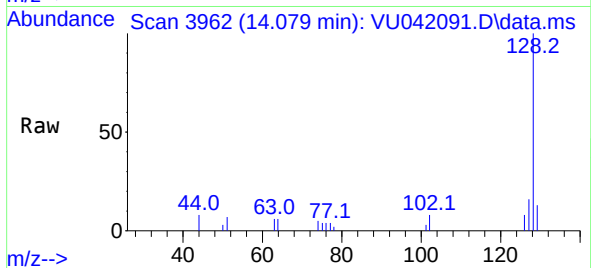




#71
Naphthalene
Concen: 1.31 ug/L
RT: 14.079 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

Tgt Ion:128 Resp: 10240
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.12 ug/L
RT: 14.317 min Scan# 4036
Delta R.T. 0.000 min
Lab File: VU042091.D
Acq: 18 Jan 2021 13:19

Tgt Ion:180 Resp: 4922
Ion Ratio Lower Upper
180 100
182 95.0 75.5 113.3
145 32.4 27.1 40.7

