

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
 Data File : VU051776.D
 Acq On : 08 Nov 2022 11:59
 Operator : JC/MD
 Sample : N4015-02
 Misc : 25.1mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2022-06

Quant Time: Nov 09 00:00:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 08 23:59:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	153267	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	166409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74776	6.478	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 129.600%		
7) Chloroethane-d5	1.912	69	67296	5.590	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 111.800%		
11) 1,1-Dichloroethene-d2	2.565	65	31772	7.584	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 151.600%#		
20) 2-Butanone-d5	4.620	46	161742	38.690	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 77.380%		
24) Chloroform-d	5.060	84	136194	5.042	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.800%		
26) 1,2-Dichloroethane-d4	5.703	65	72759	4.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.800%		
32) Benzene-d6	5.726	84	291297	5.547	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.000%		
36) 1,2-Dichloropropane-d6	6.690	67	93556	5.095	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 101.800%		
41) Toluene-d8	7.896	98	241240	5.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.800%		
43) trans-1,3-Dichloroprop...	8.179	79	29214	5.203	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 104.000%		
46) 2-Hexanone-d5	8.632	63	123604	36.570	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 73.140%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	76696	4.558	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 91.200%		
66) 1,2-Dichlorobenzene-d4	12.192	152	87056	5.771	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 115.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	3901	0.233	ug/L	99
3) Chloromethane	1.523	50	5145	0.243	ug/L	97
5) Vinyl chloride	1.604	62	5245	0.259	ug/L #	1
6) Bromomethane	1.854	94	7655	0.798	ug/L	89
8) Chloroethane	1.932	64	3523	0.287	ug/L #	77
9) Trichlorofluoromethane	2.137	101	5804	0.261	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	4666	0.357	ug/L	85
12) 1,1-Dichloroethene	2.581	96	3869	0.290	ug/L #	1
13) Acetone	2.626	43	6270	2.956	ug/L	89
14) Carbon disulfide	2.793	76	9878	0.230	ug/L #	95
15) Methyl Acetate	2.957	43	1329	0.239	ug/L #	62
16) Methylene chloride	3.047	84	8739	0.400	ug/L	92
17) Methyl tert-butyl Ether	3.362	73	7290	0.239	ug/L #	93
18) trans-1,2-Dichloroethene	3.359	96	3816	0.267	ug/L	83
19) 1,1-Dichloroethane	3.870	63	7084	0.269	ug/L	99
21) 2-Butanone	4.713	43	6986	2.103	ug/L	83
22) cis-1,2-Dichloroethene	4.665	96	4102	0.259	ug/L	91
23) Bromochloromethane	4.980	128	1731	0.234	ug/L	89
25) Chloroform	5.086	83	15779	0.577	ug/L	97

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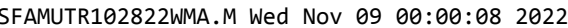
Instrument :
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 ClientSampleId :
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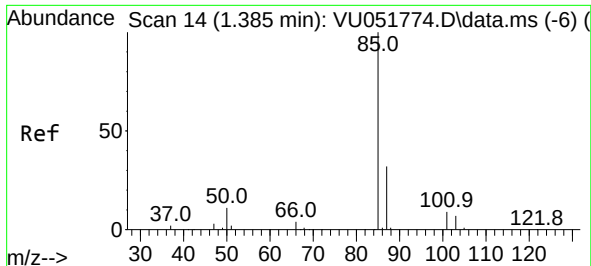
Quant Time: Nov 09 00:00:02 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	4331	0.257	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	5503	0.244	ug/L	96
30) Cyclohexane	5.388	56	3824	0.184	ug/L	95
31) Carbon tetrachloride	5.523	117	4748	0.246	ug/L	94
33) Benzene	5.774	78	15720	0.239	ug/L	100
34) Trichloroethene	6.542	95	3942	0.249	ug/L	96
35) Methylcyclohexane	6.755	83	4456	0.203	ug/L	95
37) 1,2-Dichloropropane	6.790	63	4354	0.258	ug/L #	88
38) Bromodichloromethane	7.111	83	5016	0.243	ug/L	92
39) cis-1,3-Dichloropropene	7.610	75	4908	0.226	ug/L	88
40) 4-Methyl-2-pentanone	7.793	43	16684	1.969	ug/L #	86
42) Toluene	7.970	91	14639	0.217	ug/L	95
44) trans-1,3-Dichloropropene	8.211	75	5428	0.300	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	3088	0.249	ug/L	95
47) Tetrachloroethene	8.555	164	2934	0.242	ug/L	92
49) Dibromochloromethane	8.806	129	3714	0.263	ug/L	90
50) 1,2-Dibromoethane	8.925	107	2748	0.246	ug/L #	98
51) Chlorobenzene	9.446	112	11046	0.260	ug/L	92
52) Ethylbenzene	9.571	91	14324	0.220	ug/L	96
53) m,p-Xylene	9.693	106	5466	0.216	ug/L	97
54) o-Xylene	10.098	106	5117	0.207	ug/L	100
55) Styrene	10.115	104	7203	0.174	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	4394	0.286	ug/L	96
59) Bromoform	10.291	173	2129	0.280	ug/L #	86
60) Isopropylbenzene	10.484	105	11812	0.197	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	2428	0.228	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.089	105	3226	0.200	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	8449	0.181	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	7368	0.247	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	7323	0.245	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	7370	0.253	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	5574	0.262	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	3986	0.244	ug/L	92
71) Naphthalene	14.098	128	5873	0.192	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.333	180	3798	0.230	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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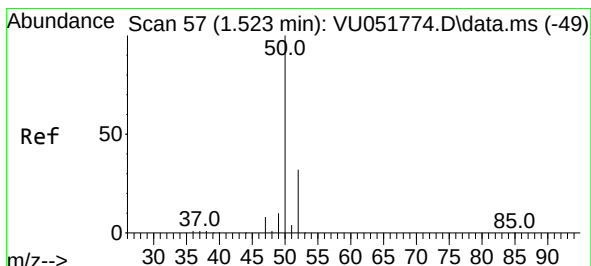
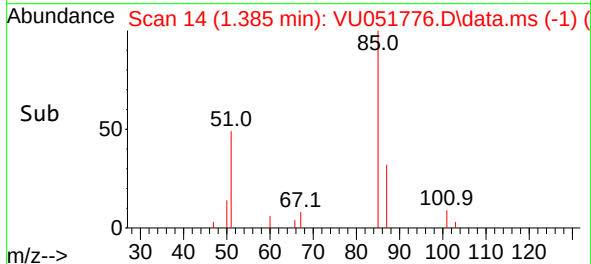
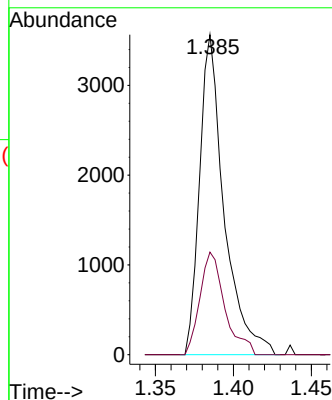
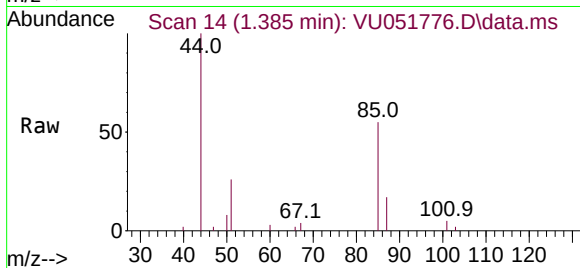




#2
Dichlorodifluoromethane
Concen: 0.233 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

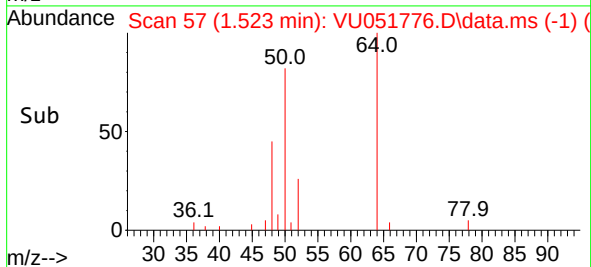
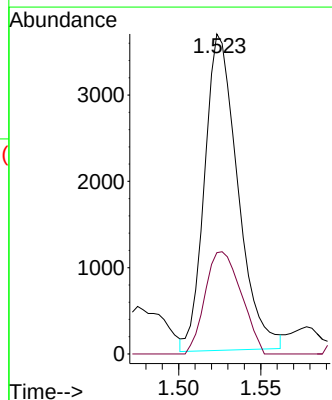
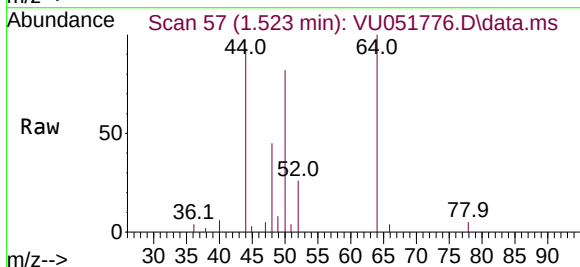
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-06

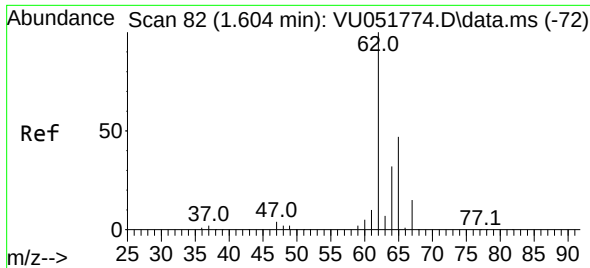
Tgt Ion: 85 Resp: 3901
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5



#3
Chloromethane
Concen: 0.243 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt Ion: 50 Resp: 5145
Ion Ratio Lower Upper
50 100
52 31.6 23.2 43.2

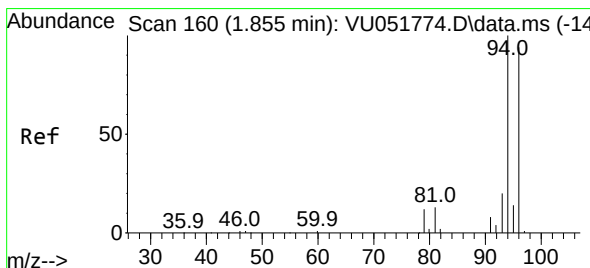
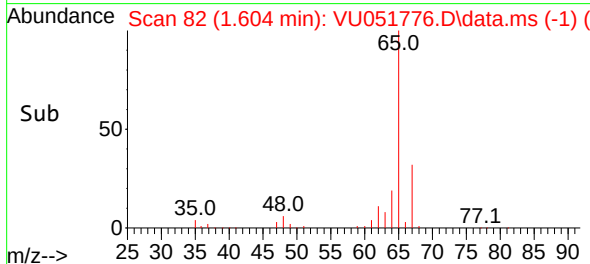
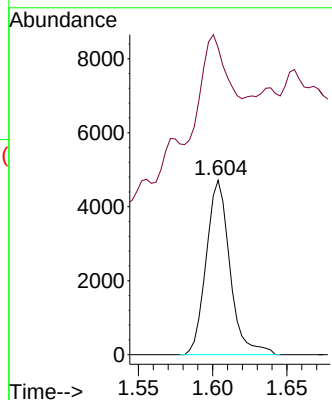
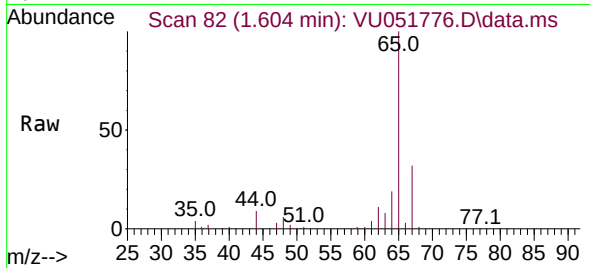




#5
 Vinyl chloride
 Concen: 0.259 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051776.D
 Acq: 08 Nov 2022 11:59

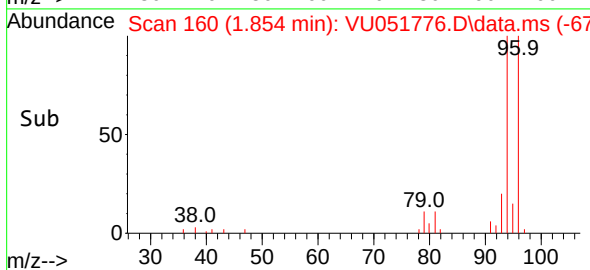
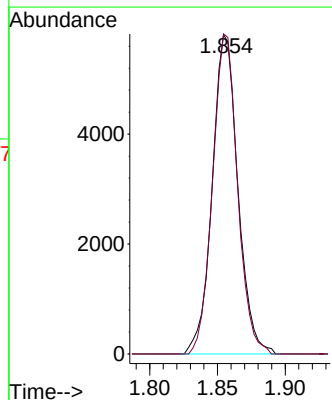
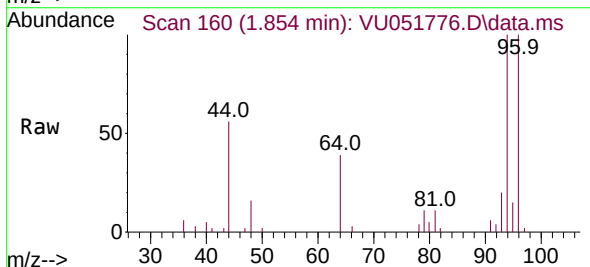
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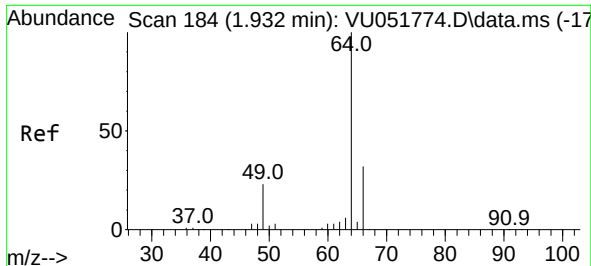
Tgt Ion: 62 Resp: 5245
 Ion Ratio Lower Upper
 62 100
 64 176.2 22.1 41.1#



#6
 Bromomethane
 Concen: 0.798 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU051776.D
 Acq: 08 Nov 2022 11:59

Tgt Ion: 94 Resp: 7655
 Ion Ratio Lower Upper
 94 100
 96 100.2 63.2 117.4

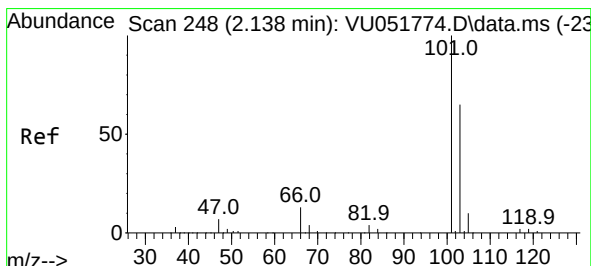
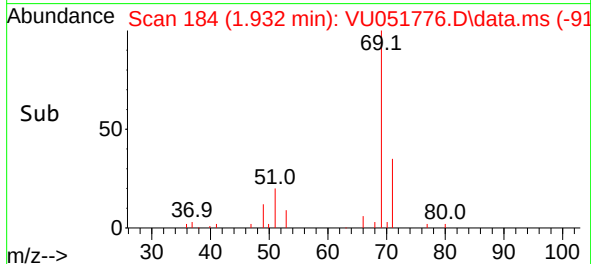
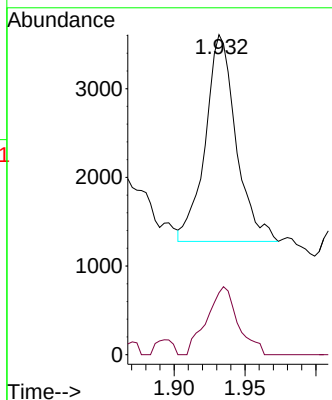
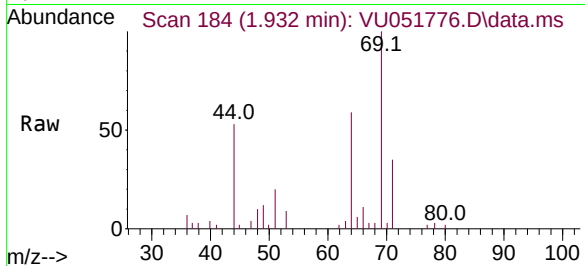




#8
Chloroethane
Concen: 0.287 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

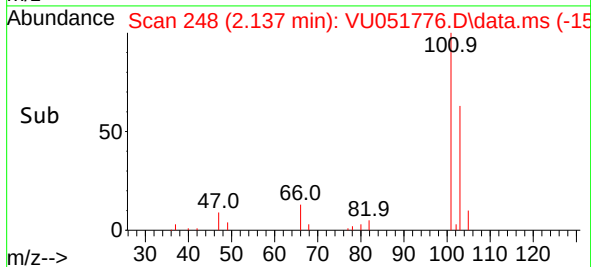
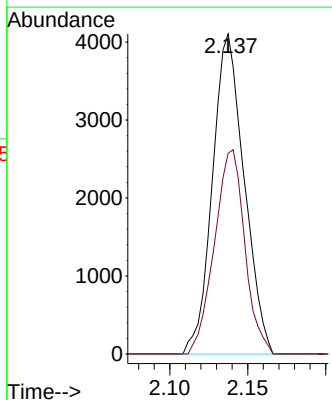
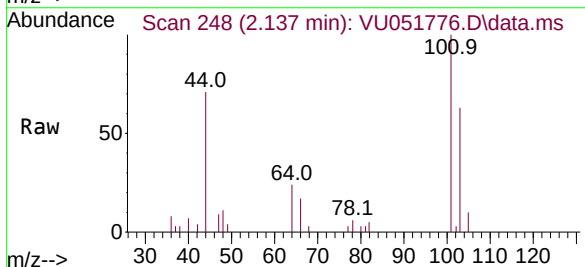
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2022-06

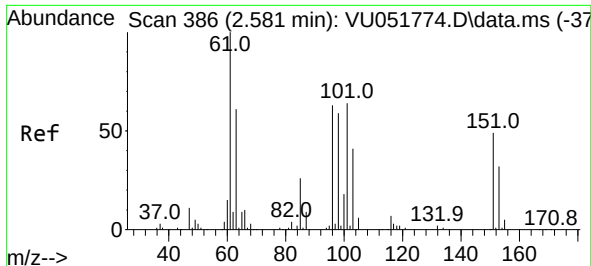
Tgt Ion: 64 Resp: 3523
Ion Ratio Lower Upper
64 100
66 19.3 22.3 41.5#



#9
Trichlorofluoromethane
Concen: 0.261 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt Ion:101 Resp: 5804
Ion Ratio Lower Upper
101 100
103 61.1 51.8 77.6

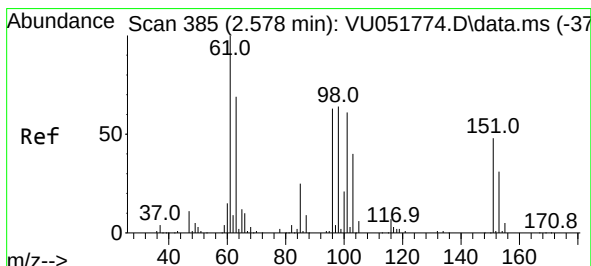
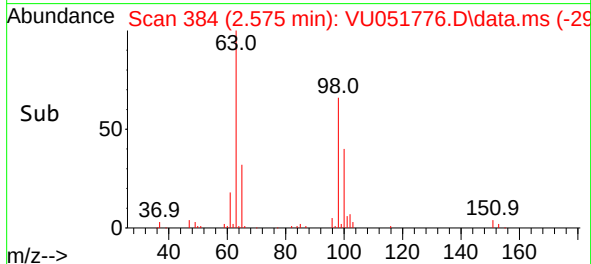
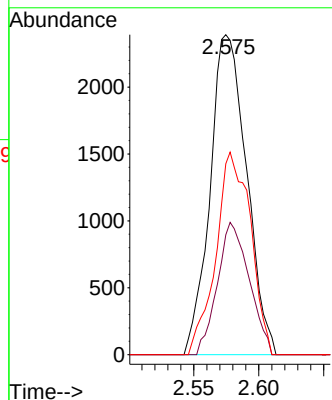
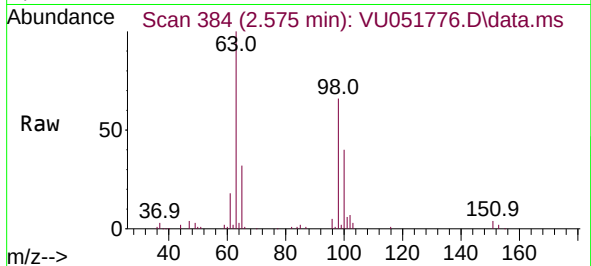




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.357 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.007 min
 Lab File: VU051776.D
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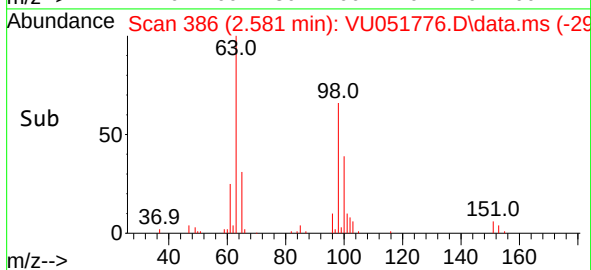
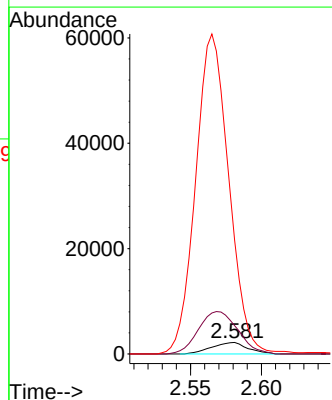
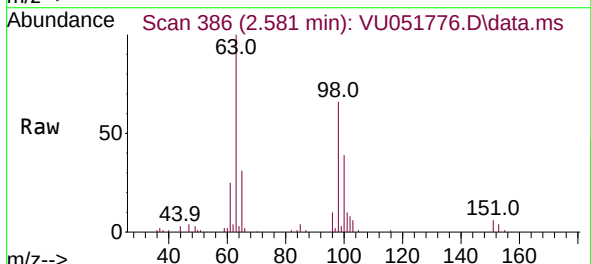
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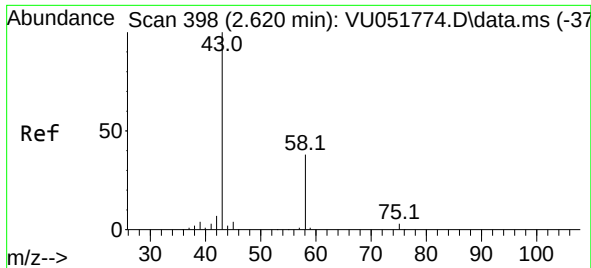
Tgt Ion:	101	Resp:	4666
Ion	Ratio	Lower	Upper
101	100		
85	36.0	35.6	53.4
151	60.2	59.6	89.4



#12
 1,1-Dichloroethene
 Concen: 0.290 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051776.D
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Tgt Ion:	96	Resp:	3869
Ion	Ratio	Lower	Upper
96	100		
61	247.4	108.8	202.0#
63	992.4	64.9	120.5#





#13

Acetone

Concen: 2.956 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.006 min

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Instrument :

MSVOA_U

ClientSampleId :

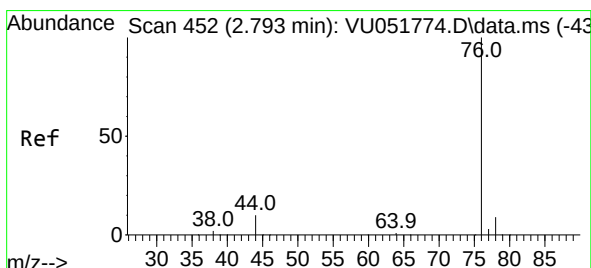
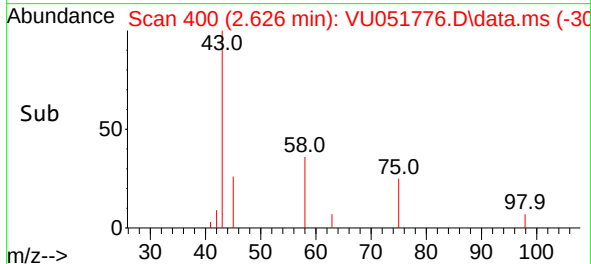
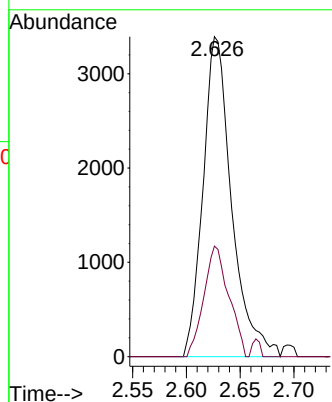
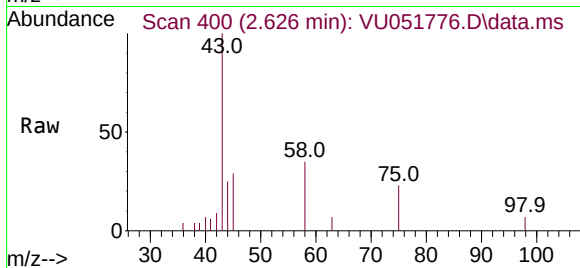
MDL-WATER-QT3-2022-06

Tgt Ion: 43 Resp: 6270

Ion Ratio Lower Upper

43 100

58 30.1 0.0 73.8



#14

Carbon disulfide

Concen: 0.230 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU051776.D

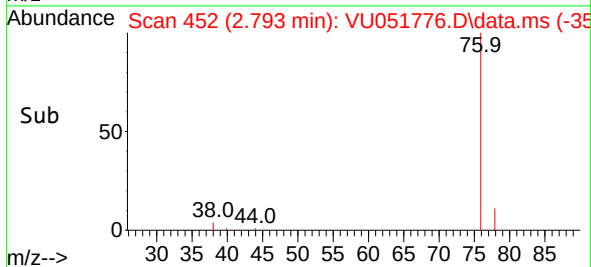
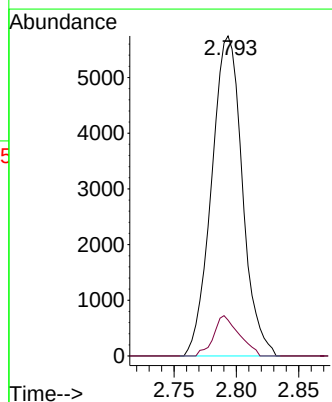
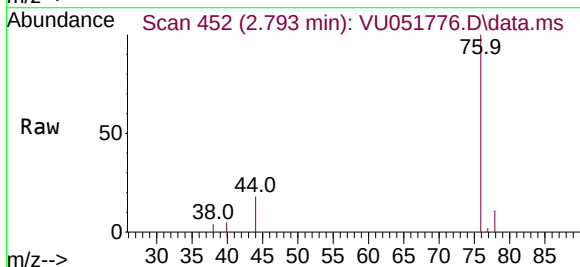
Acq: 08 Nov 2022 11:59

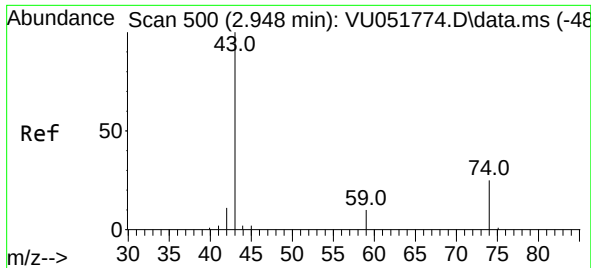
Tgt Ion: 76 Resp: 9878

Ion Ratio Lower Upper

76 100

78 11.2 7.4 11.2#

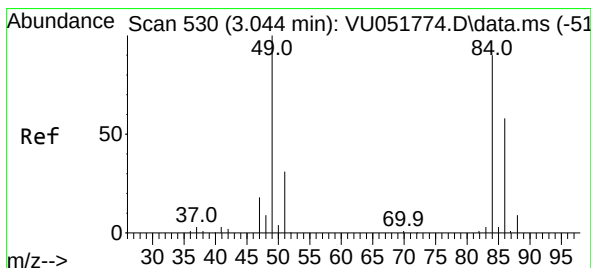
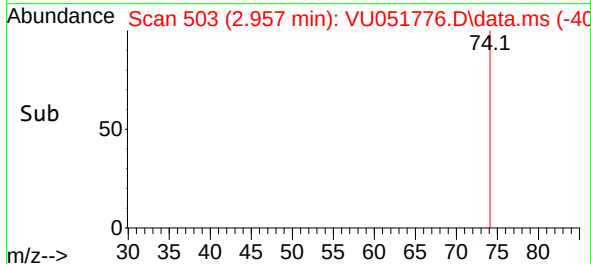
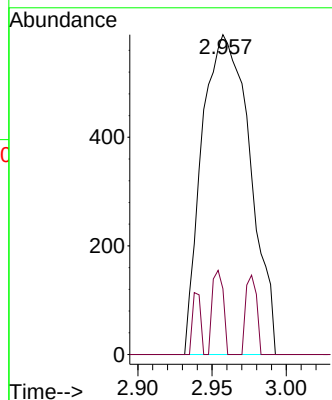
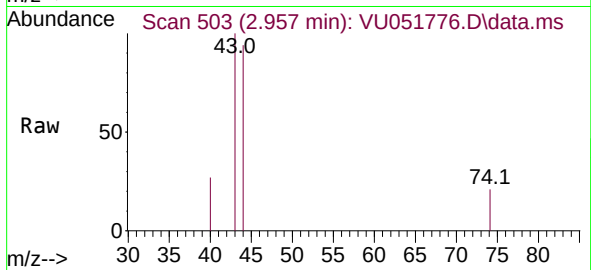




#15
Methyl Acetate
Concen: 0.239 ug/L
RT: 2.957 min Scan# 500
Delta R.T. 0.009 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

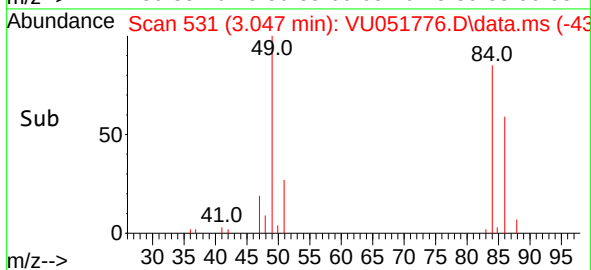
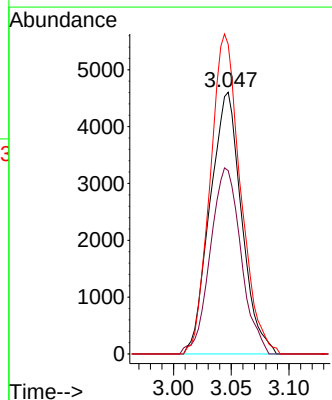
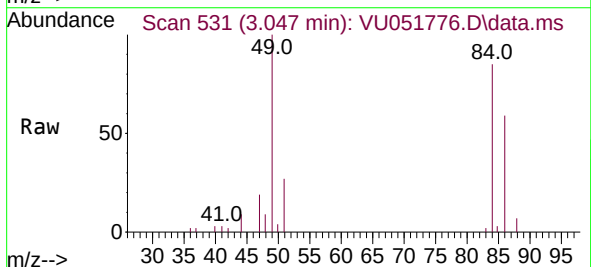
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-06

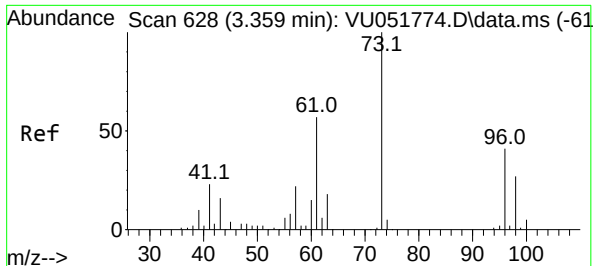
Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
74 6.0 20.2 30.4#



#16
Methylene chloride
Concen: 0.400 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt Ion: 84 Resp: 8739
Ion Ratio Lower Upper
84 100
86 70.1 46.3 85.9
49 118.3 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 0.239 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-06

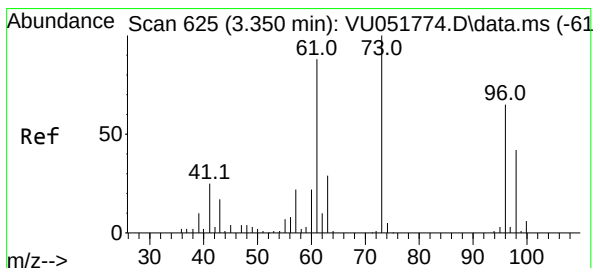
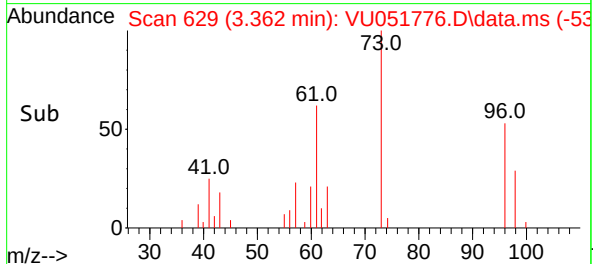
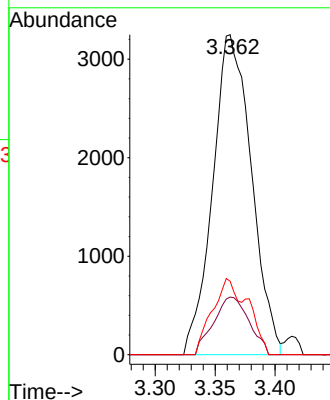
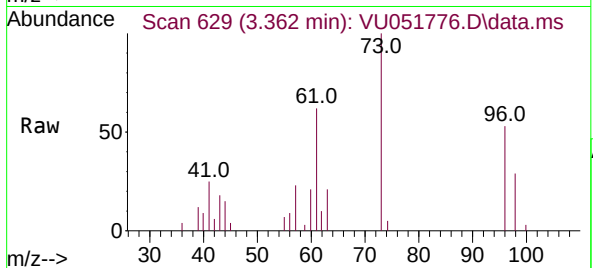
Tgt Ion: 73 Resp: 7290

Ion Ratio Lower Upper

73 100

43 16.6 13.6 20.4

57 16.2 17.5 26.3#



#18

trans-1,2-Dichloroethene

Concen: 0.267 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.010 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

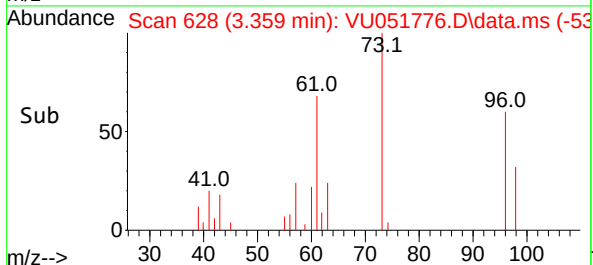
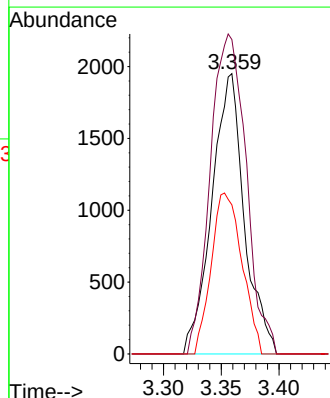
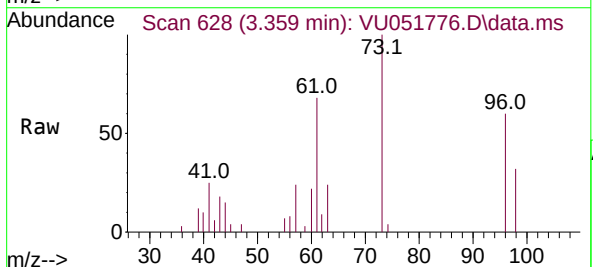
Tgt Ion: 96 Resp: 3816

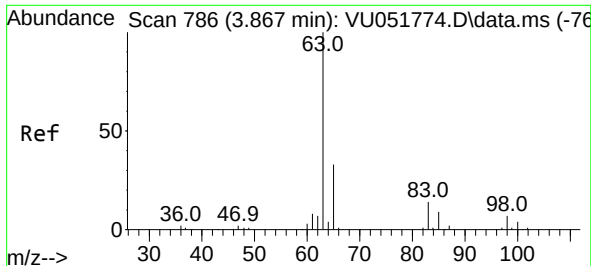
Ion Ratio Lower Upper

96 100

61 112.1 94.7 175.9

98 53.2 44.2 82.0





#19

1,1-Dichloroethane

Concen: 0.269 ug/L

RT: 3.870 min Scan# 7084

Delta R.T. 0.003 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-06

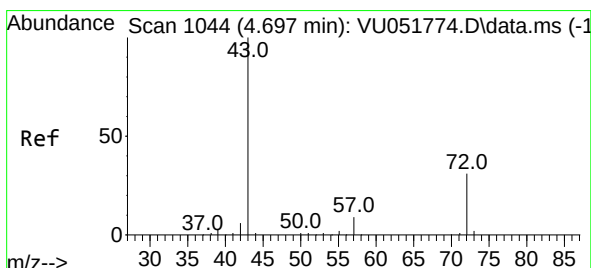
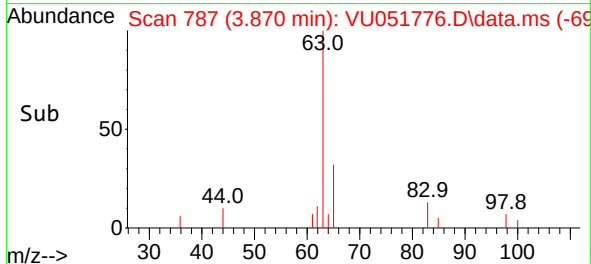
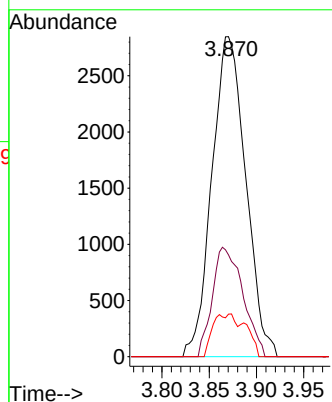
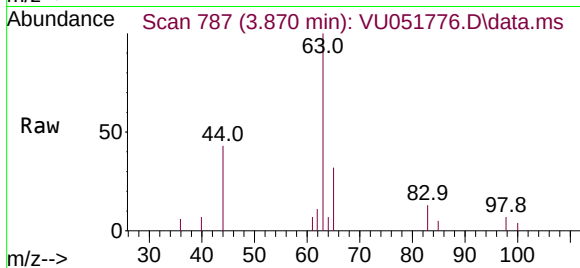
Tgt Ion: 63 Resp: 7084

Ion Ratio Lower Upper

63 100

65 31.8 22.7 42.1

83 13.3 9.2 17.0



#21

2-Butanone

Concen: 2.103 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.016 min

Lab File: VU051776.D

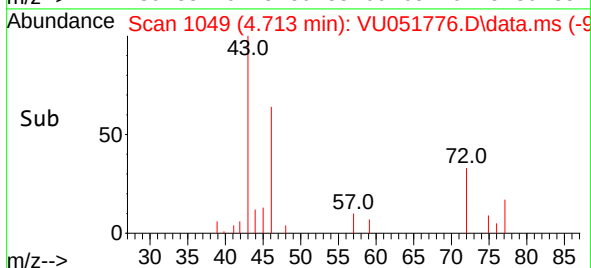
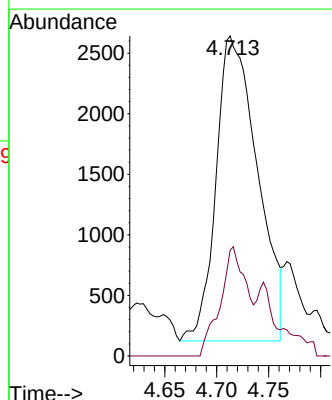
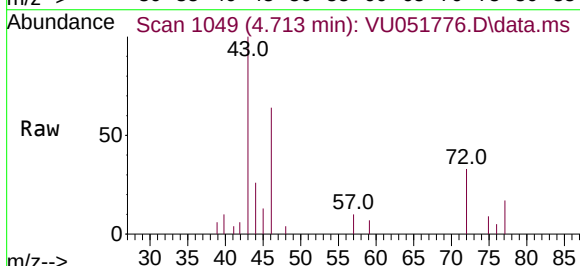
Acq: 08 Nov 2022 11:59

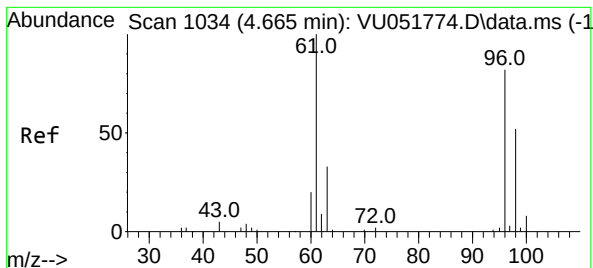
Tgt Ion: 43 Resp: 6986

Ion Ratio Lower Upper

43 100

72 22.7 16.2 48.5





#22

cis-1,2-Dichloroethene

Concen: 0.259 ug/L

RT: 4.665 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

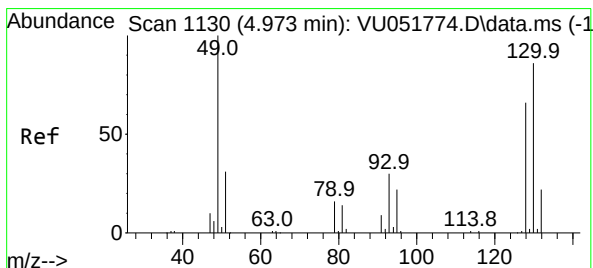
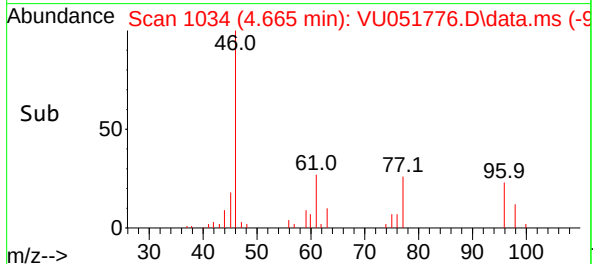
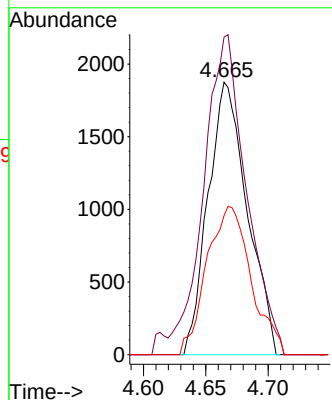
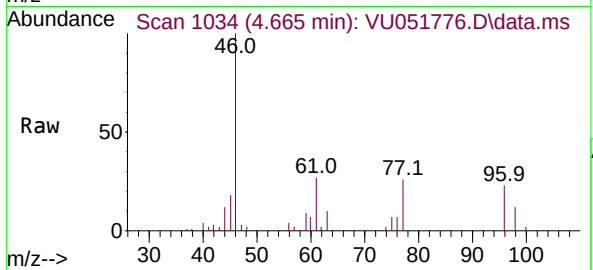
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-06

Tgt Ion: 96	Resp:	4102	
Ion	Ratio	Lower	Upper
96	100		
61	116.5	86.4	160.4
98	51.0	44.2	82.2



#23

Bromochloromethane

Concen: 0.234 ug/L

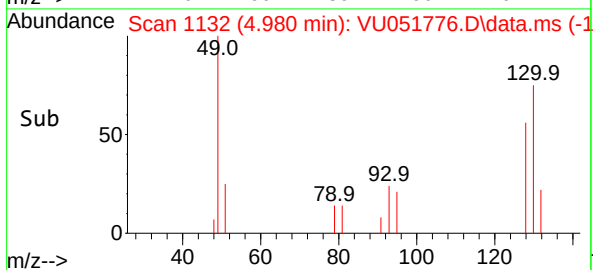
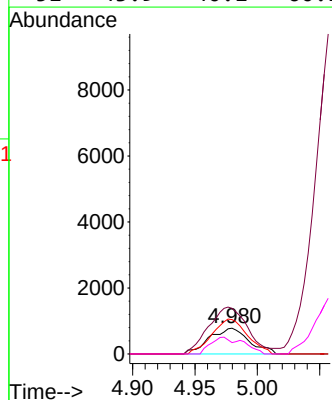
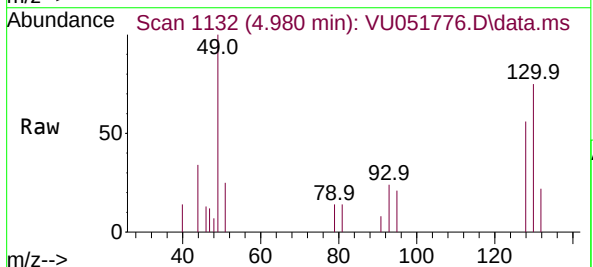
RT: 4.980 min Scan# 1132

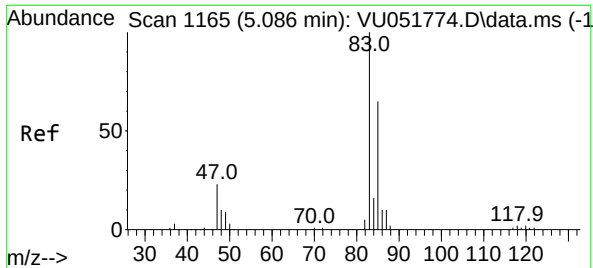
Delta R.T. 0.006 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

Tgt	Ion:128	Resp:	1731
Ion	Ratio	Lower	Upper
128	100		
49	177.1	105.5	195.9
130	133.7	93.5	173.7
51	43.9	40.1	60.1

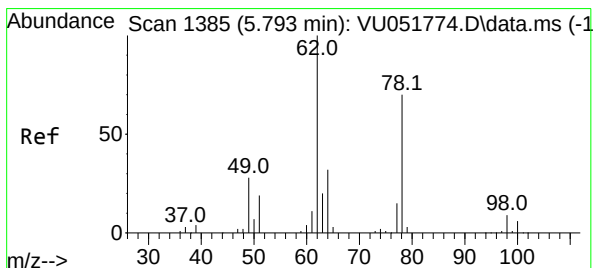
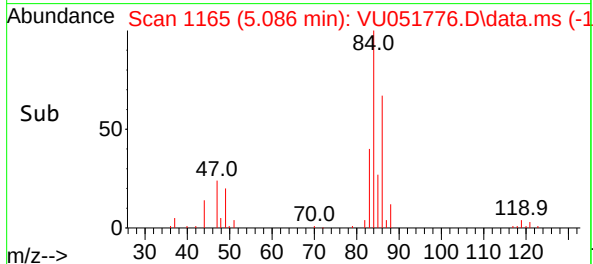
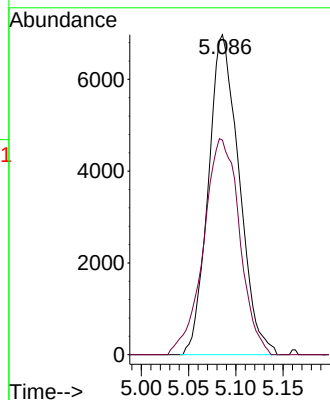
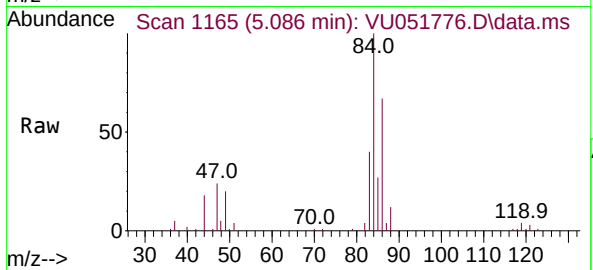




#25
Chloroform
Concen: 0.577 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

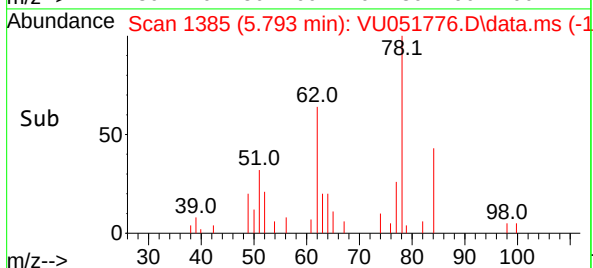
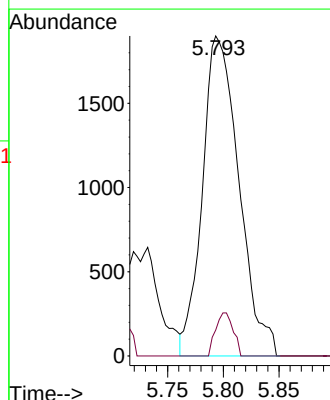
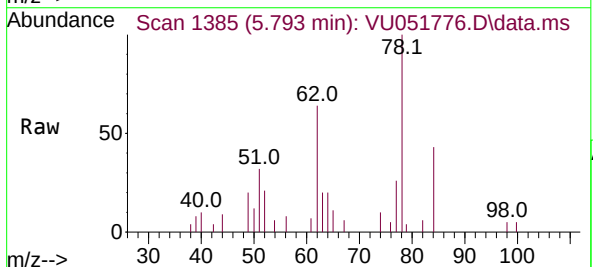
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2022-06

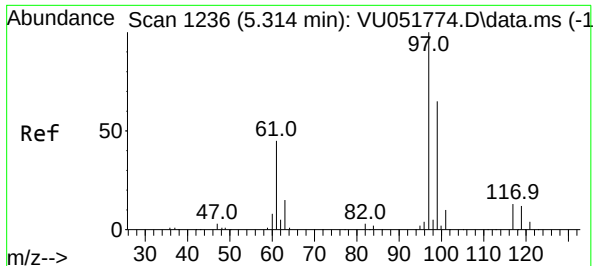
Tgt Ion: 83 Resp: 15779
Ion Ratio Lower Upper
83 100
85 67.1 45.2 84.0



#27
1,2-Dichloroethane
Concen: 0.257 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt Ion: 62 Resp: 4331
Ion Ratio Lower Upper
62 100
98 8.1 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 0.244 ug/L

RT: 5.317 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-06

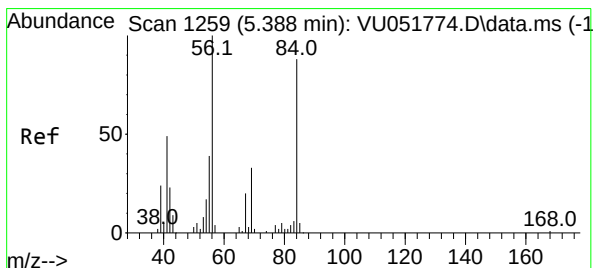
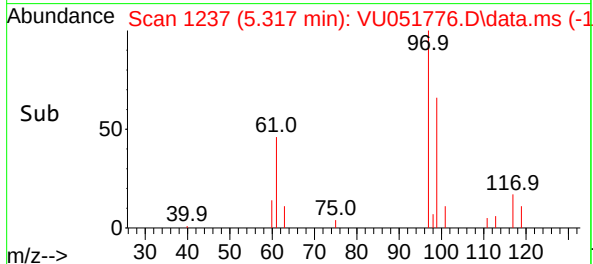
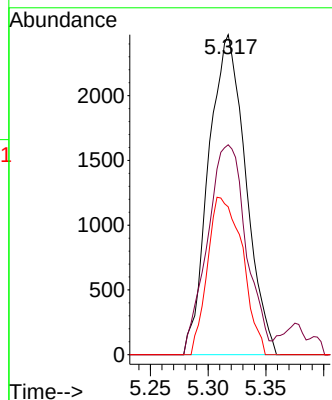
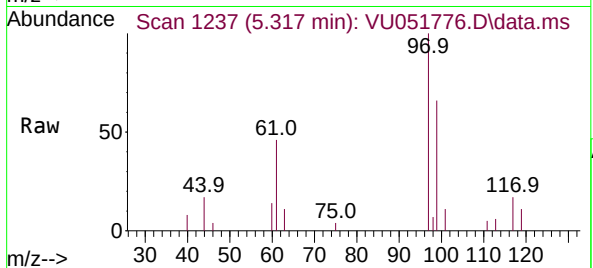
Tgt Ion: 97 Resp: 5503

Ion Ratio Lower Upper

97 100

99 69.2 51.1 76.7

61 46.5 37.4 56.0



#30

Cyclohexane

Concen: 0.184 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

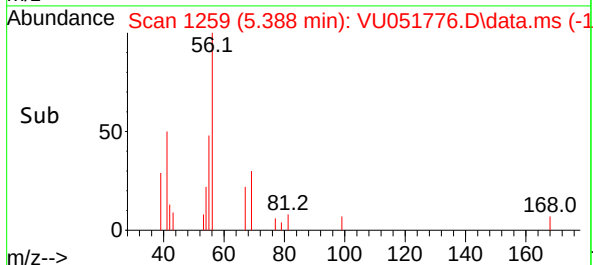
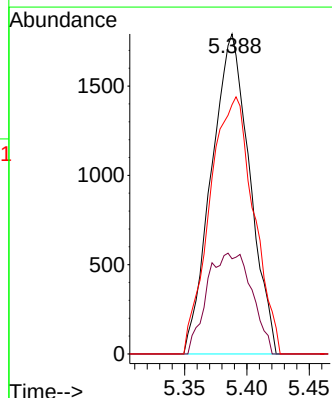
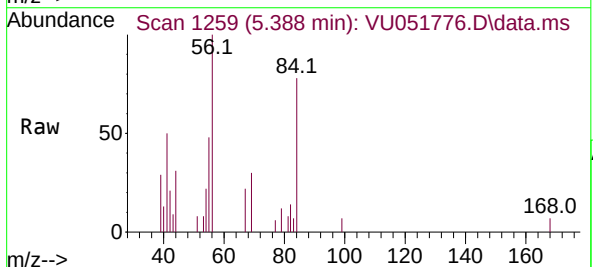
Tgt Ion: 56 Resp: 3824

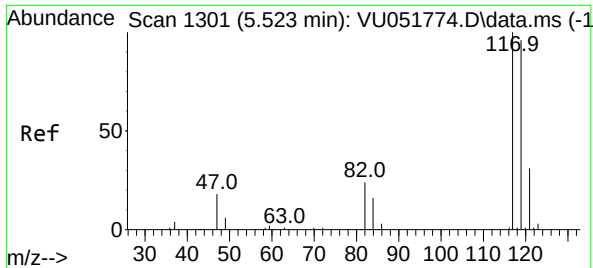
Ion Ratio Lower Upper

56 100

69 36.8 25.4 38.0

84 91.9 71.4 107.0

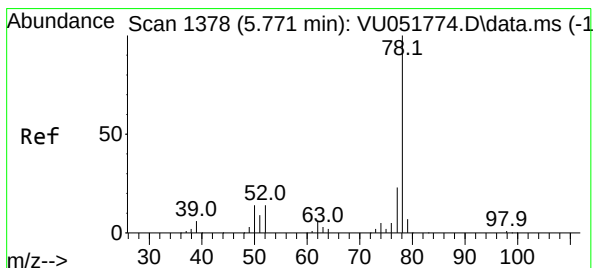
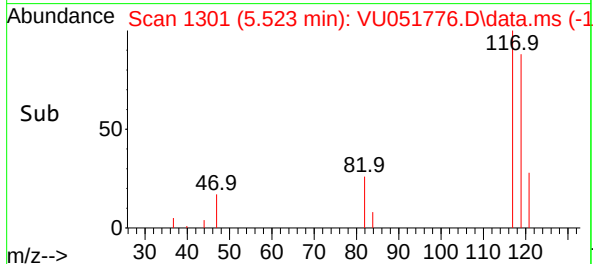
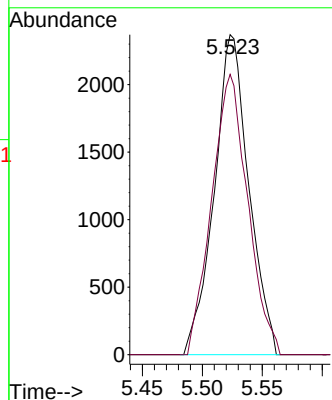
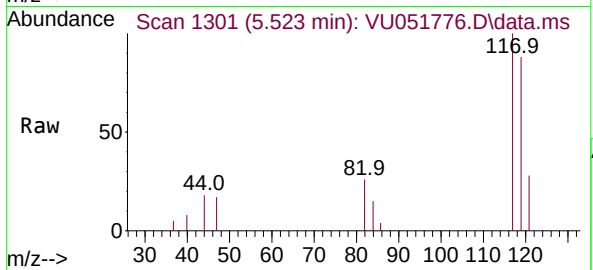




#31
Carbon tetrachloride
Concen: 0.246 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

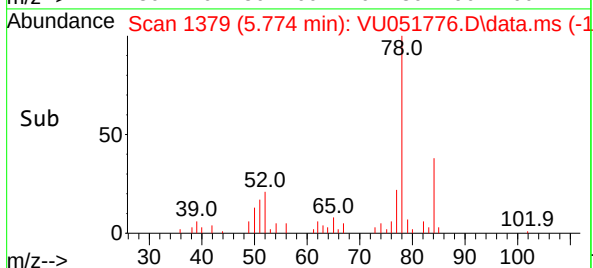
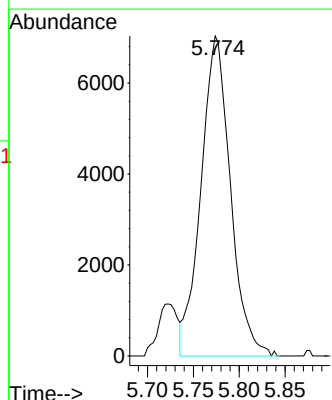
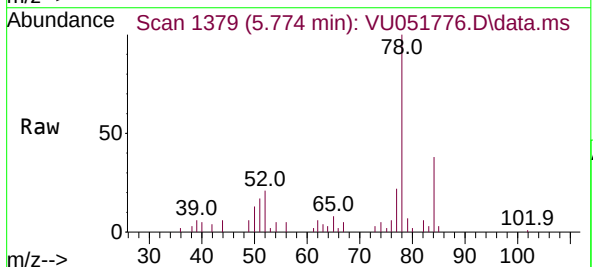
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-06

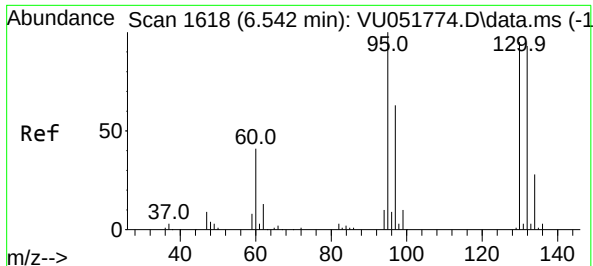
Tgt Ion:117 Resp: 4748
Ion Ratio Lower Upper
117 100
119 91.4 77.5 116.3



#33
Benzene
Concen: 0.239 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt Ion: 78 Resp: 15720



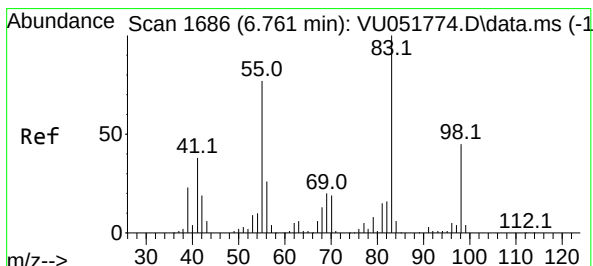
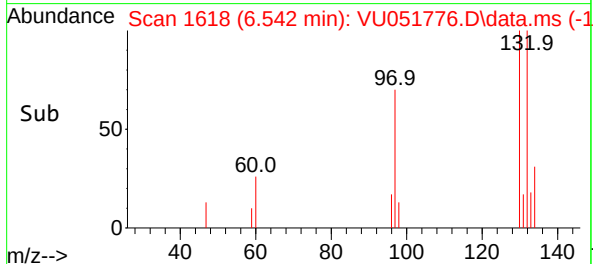
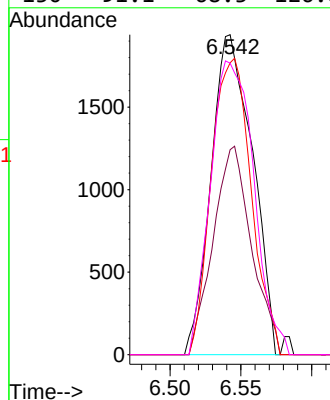
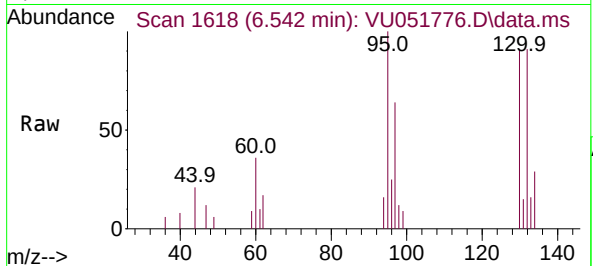


#34
Trichloroethene
Concen: 0.249 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-06

Tgt Ion: 95 Resp: 3942

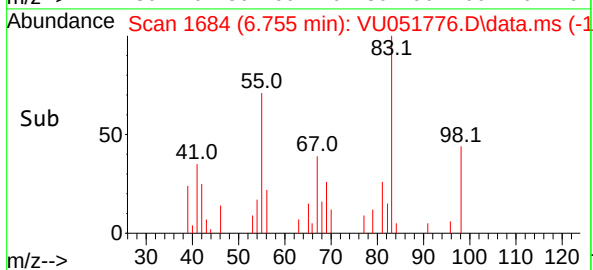
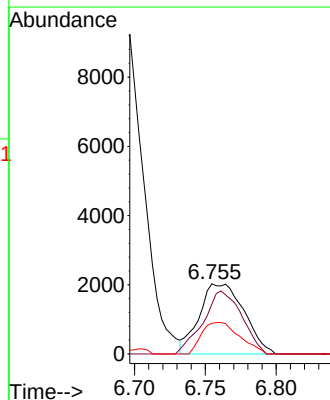
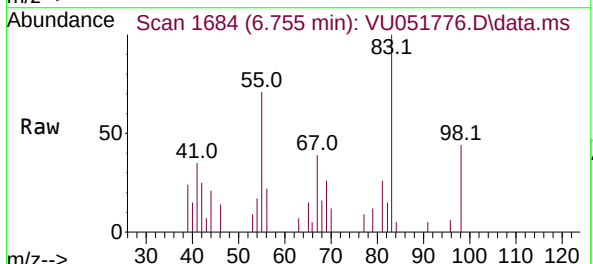
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.2	84.0
132	91.2	66.5	123.5
130	91.1	68.3	126.8

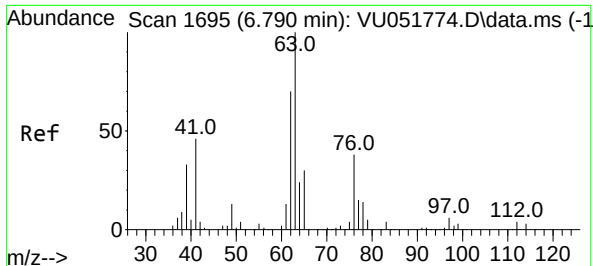


#35
Methylcyclohexane
Concen: 0.203 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.007 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt Ion: 83 Resp: 4456

Ion	Ratio	Lower	Upper
83	100		
55	77.4	60.6	90.8
98	37.9	35.8	53.6





#37

1,2-Dichloropropane

Concen: 0.258 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

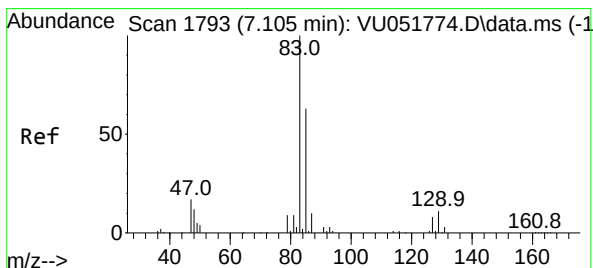
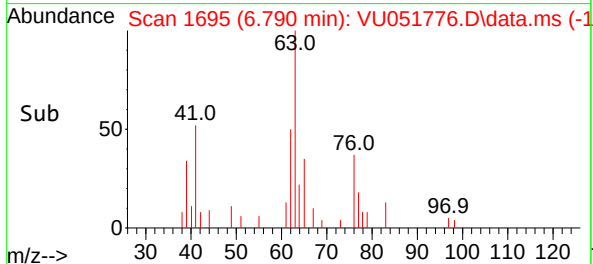
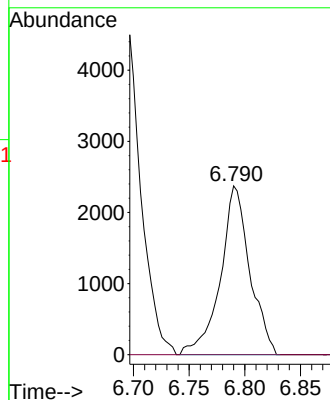
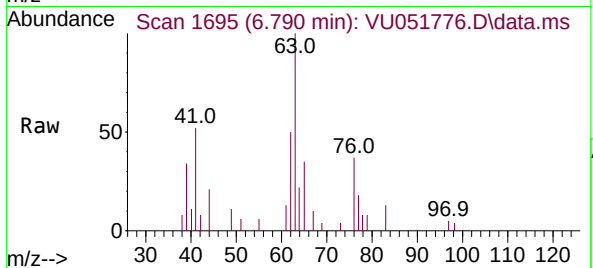
MDL-WATER-QT3-2022-06

Tgt Ion: 63 Resp: 4354

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.243 ug/L

RT: 7.111 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

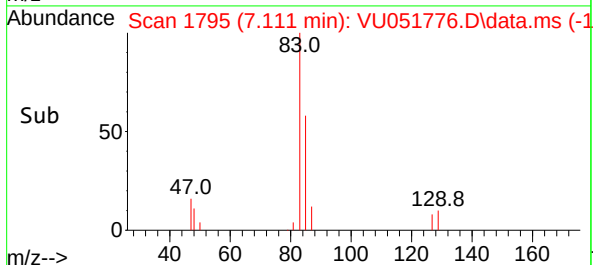
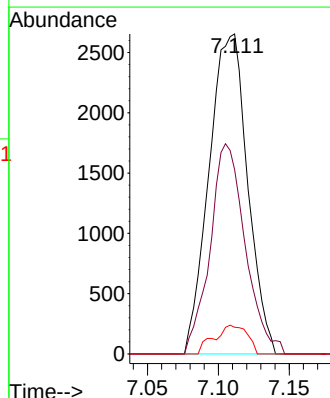
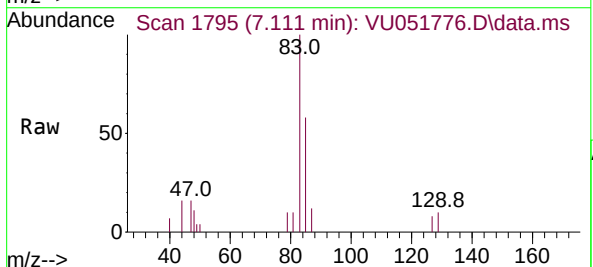
Tgt Ion: 83 Resp: 5016

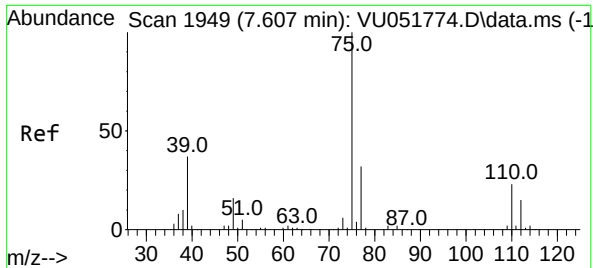
Ion Ratio Lower Upper

83 100

85 57.6 45.1 83.7

127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 0.226 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

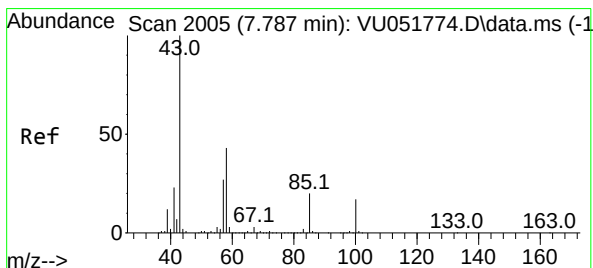
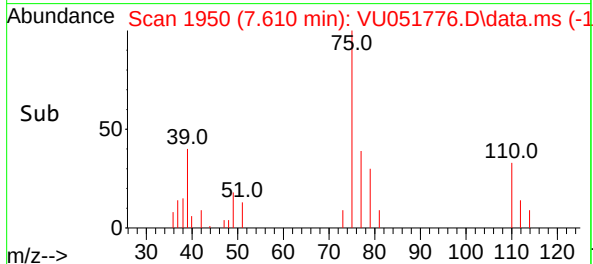
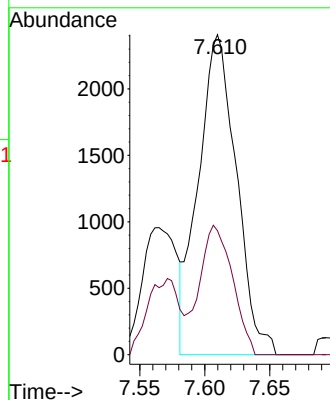
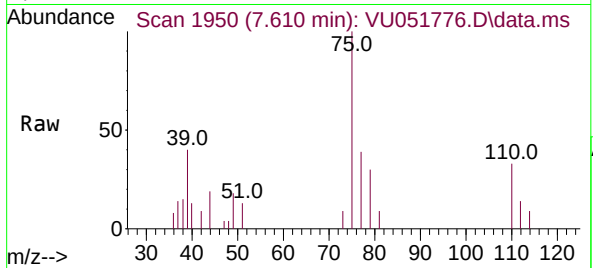
MDL-WATER-QT3-2022-06

Tgt Ion: 75 Resp: 4908

Ion Ratio Lower Upper

75 100

77 38.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 1.969 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.006 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

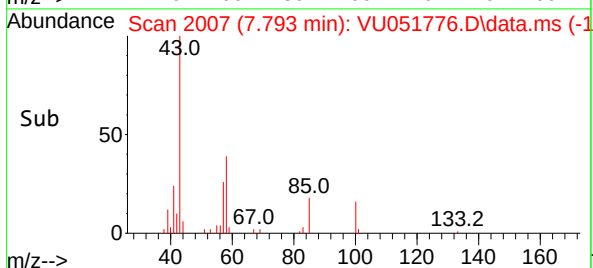
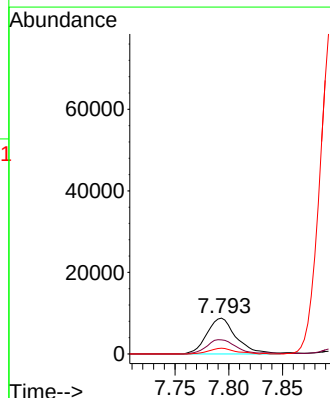
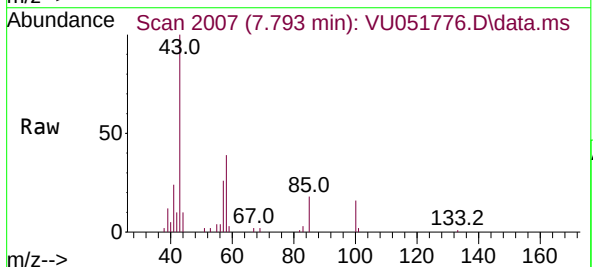
Tgt Ion: 43 Resp: 16684

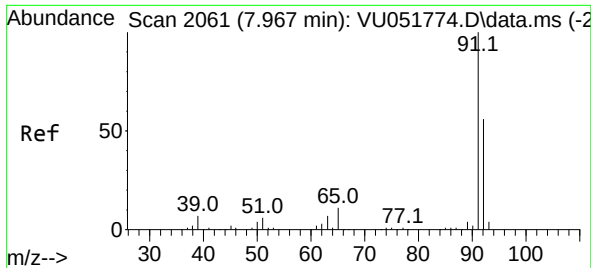
Ion Ratio Lower Upper

43 100

58 40.5 35.0 52.6

100 0.0 13.4 20.0#





#42

Toluene

Concen: 0.217 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

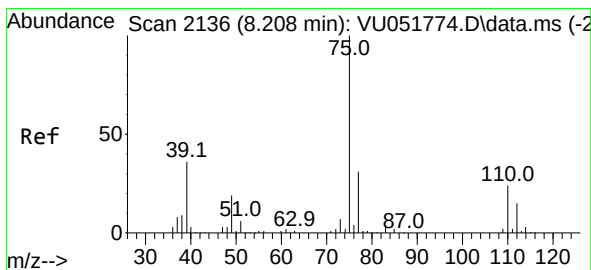
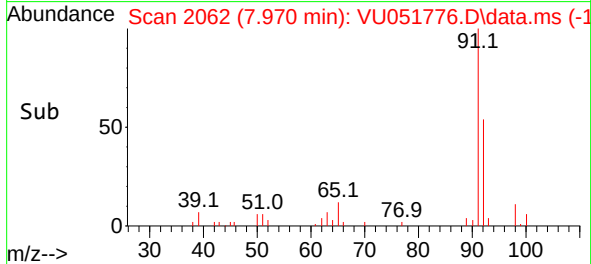
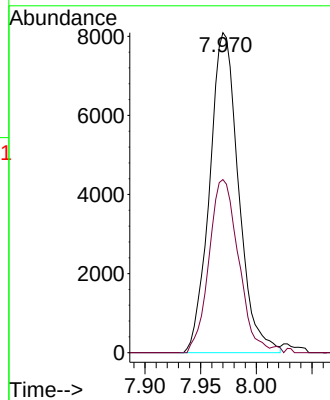
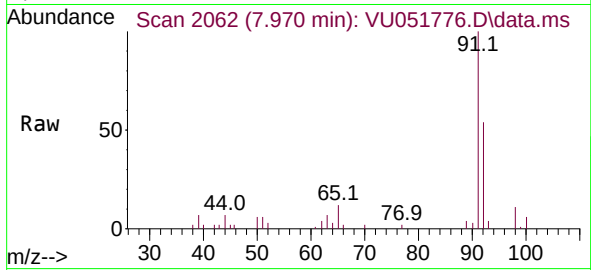
MDL-WATER-QT3-2022-06

Tgt Ion: 91 Resp: 14639

Ion Ratio Lower Upper

91 100

92 54.1 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.300 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051776.D

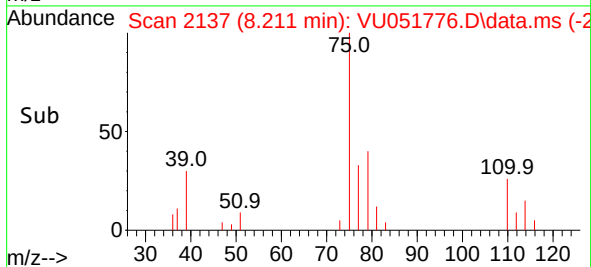
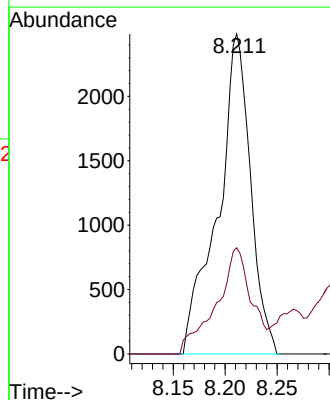
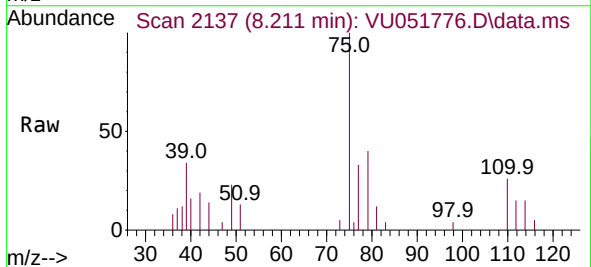
Acq: 08 Nov 2022 11:59

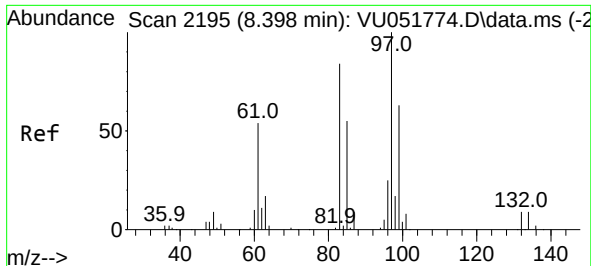
Tgt Ion: 75 Resp: 5428

Ion Ratio Lower Upper

75 100

77 33.2 21.8 40.6

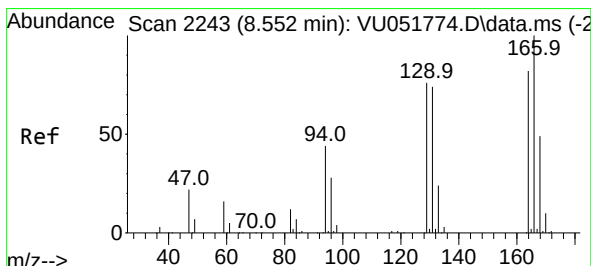
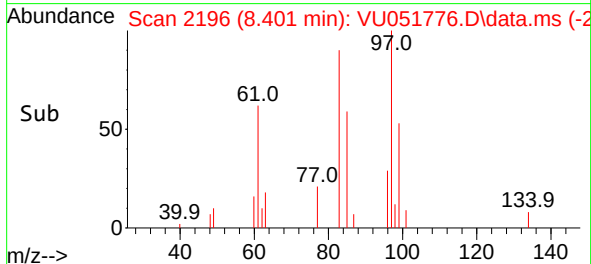
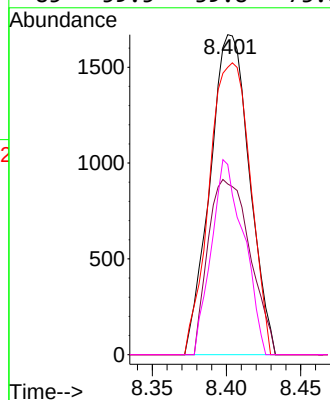
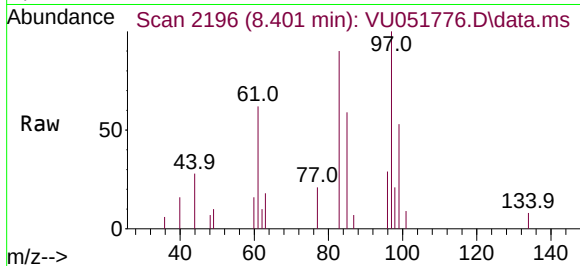




#45
1,1,2-Trichloroethane
Concen: 0.249 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

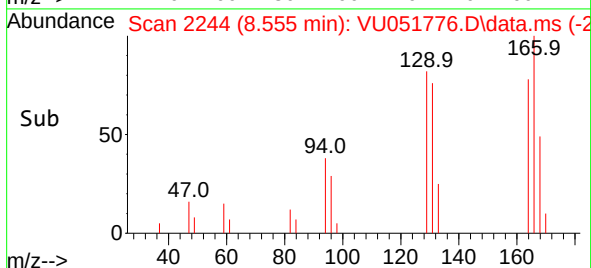
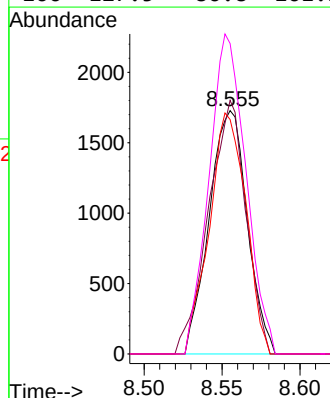
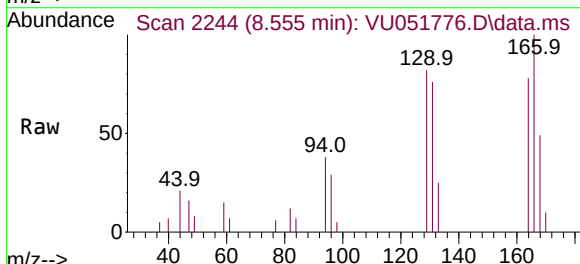
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-06

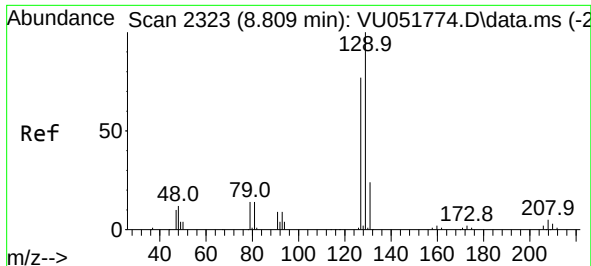
Tgt Ion: 97	Resp: 3088
Ion Ratio	Lower Upper
97 100	
99 53.4	43.4 80.6
83 89.8	61.3 113.9
85 59.5	39.8 73.8



#47
Tetrachloroethene
Concen: 0.242 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt	Ion:164	Resp:	2934
Ion	Ratio	Lower	Upper
164	100		
129	104.2	64.0	118.8
131	96.3	60.7	112.7
166	127.5	86.8	161.2





#49

Dibromochloromethane

Concen: 0.263 ug/L

RT: 8.806 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

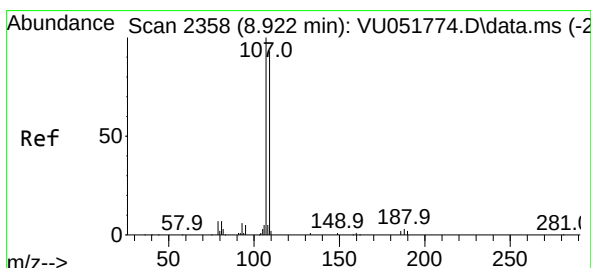
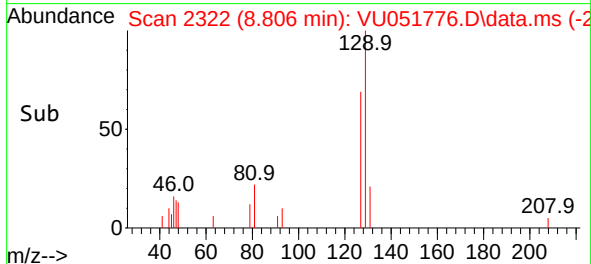
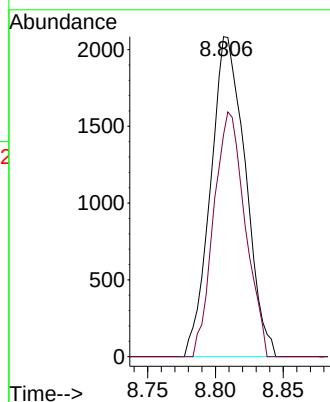
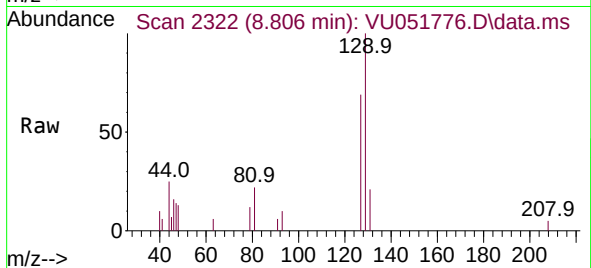
MDL-WATER-QT3-2022-06

Tgt Ion:129 Resp: 3714

Ion Ratio Lower Upper

129 100

127 69.4 54.8 101.8



#50

1,2-Dibromoethane

Concen: 0.246 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. 0.003 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

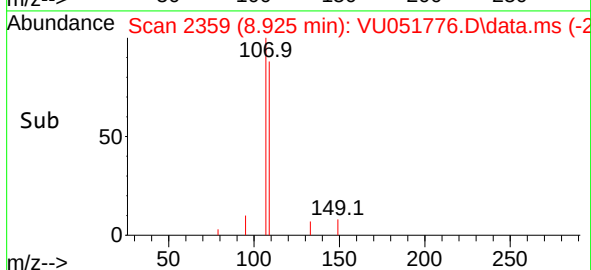
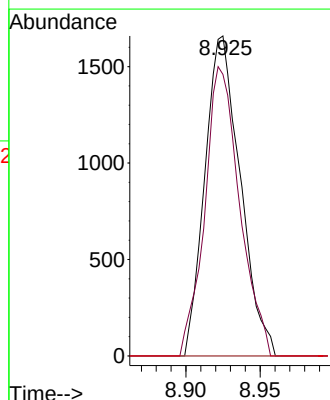
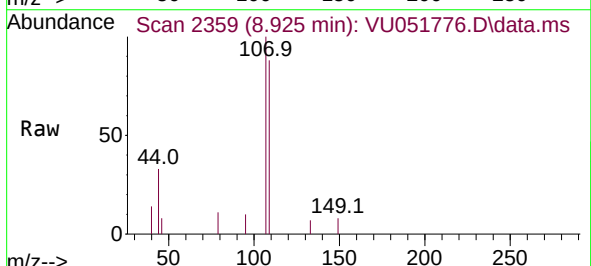
Tgt Ion:107 Resp: 2748

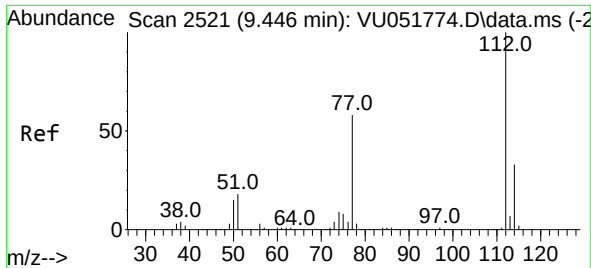
Ion Ratio Lower Upper

107 100

109 88.0 63.0 117.0

188 0.0 3.0 4.4#

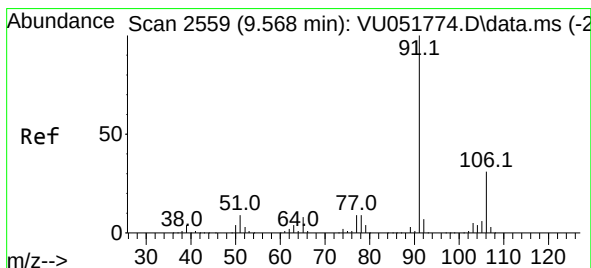
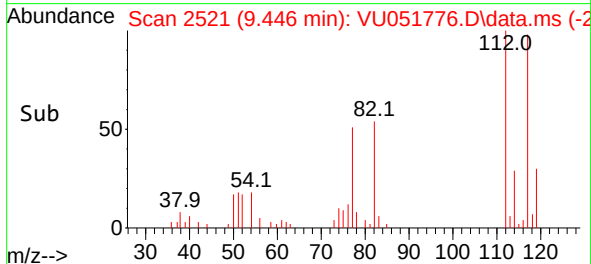
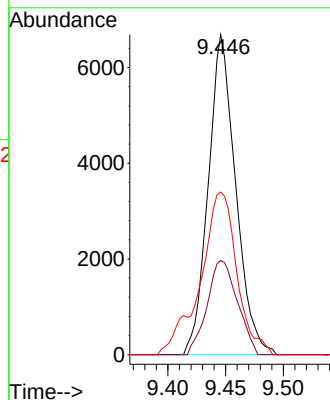
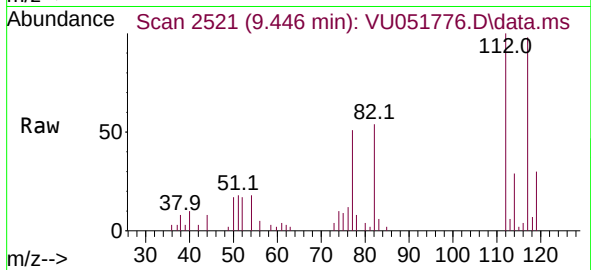




#51
Chlorobenzene
Concen: 0.260 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

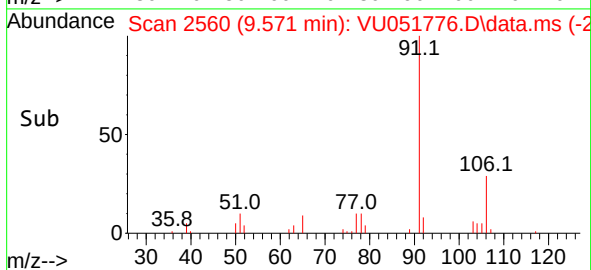
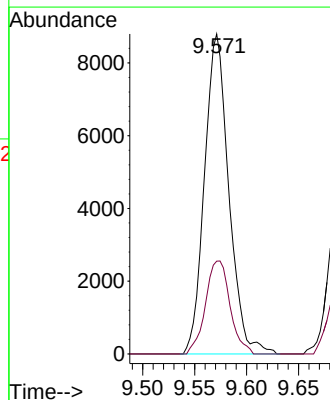
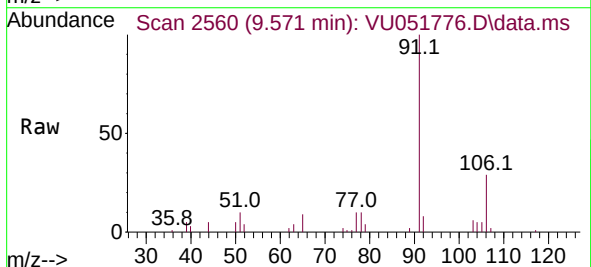
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2022-06

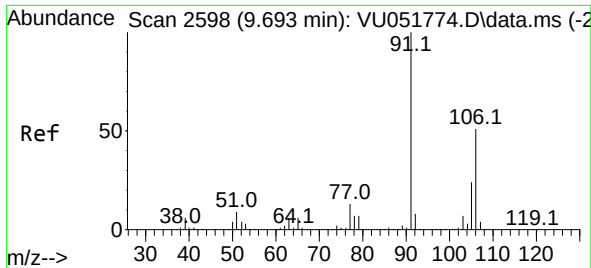
Tgt Ion:	112	Resp:	11046
Ion	Ratio	Lower	Upper
112	100		
114	29.5	22.0	40.8
77	50.8	46.7	70.1



#52
Ethylbenzene
Concen: 0.220 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt Ion:	91	Resp:	14324
Ion	Ratio	Lower	Upper
91	100		
106	29.0	21.8	40.6

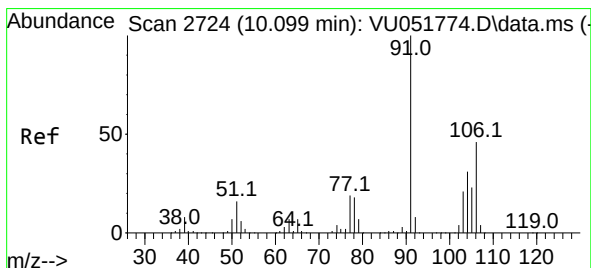
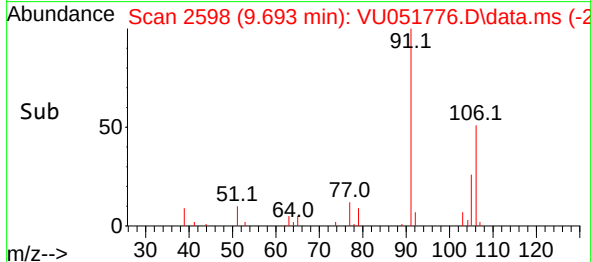
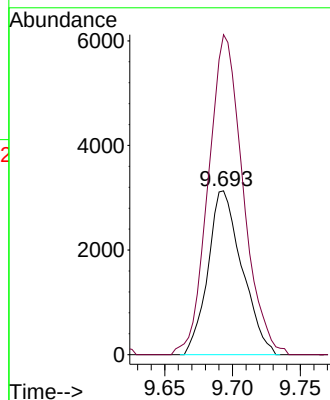
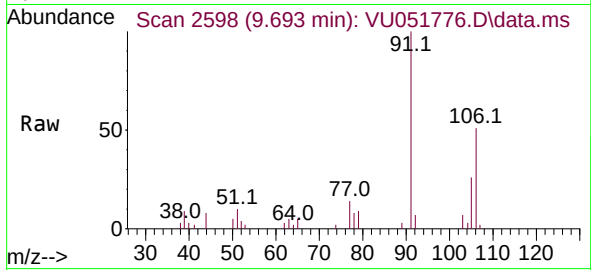




#53
m,p-Xylene
Concen: 0.216 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

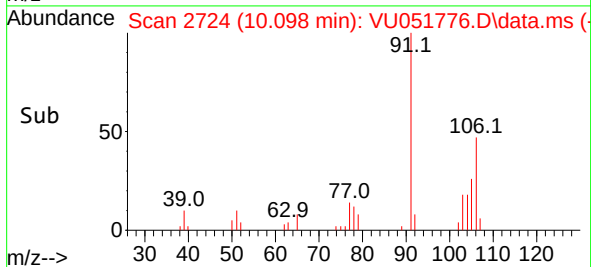
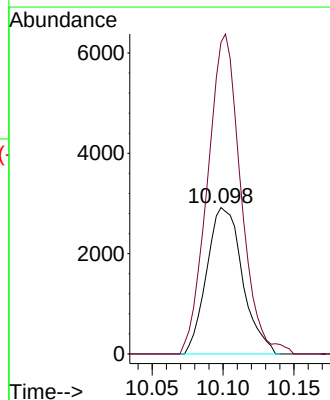
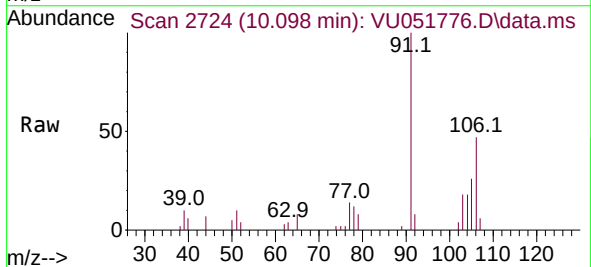
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2022-06

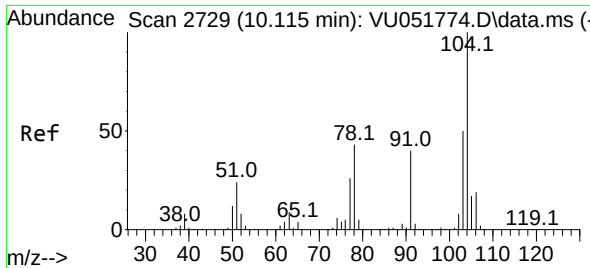
Tgt Ion:106 Resp: 5466
Ion Ratio Lower Upper
106 100
91 195.4 139.4 259.0



#54
o-Xylene
Concen: 0.207 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt Ion:106 Resp: 5117
Ion Ratio Lower Upper
106 100
91 212.9 149.2 277.2

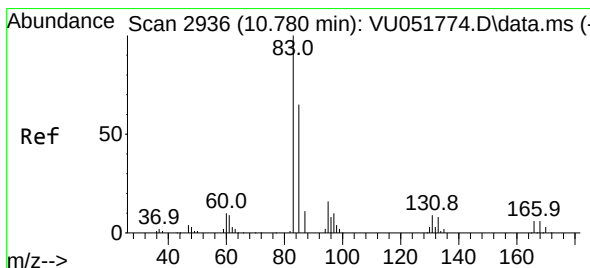
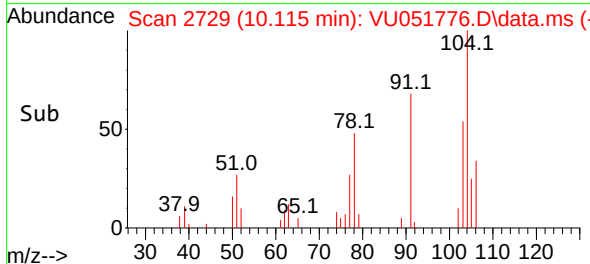
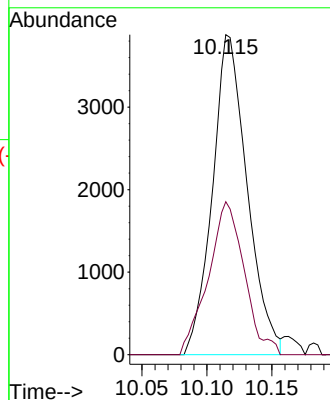
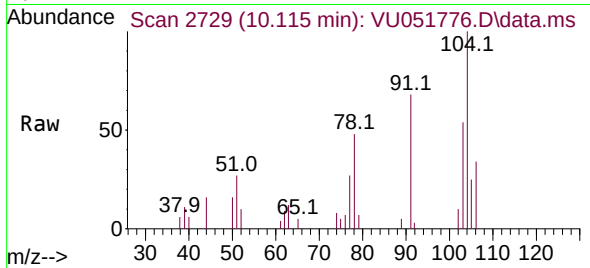




#55
Styrene
Concen: 0.174 ug/L
RT: 10.115 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

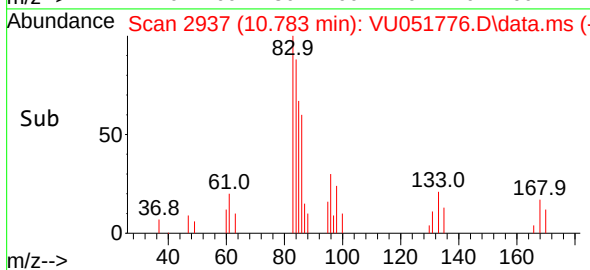
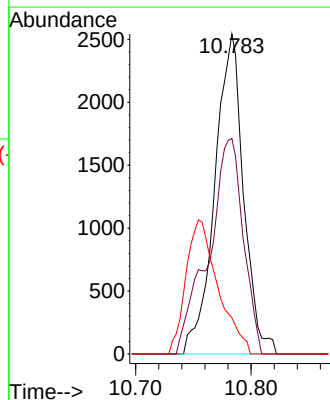
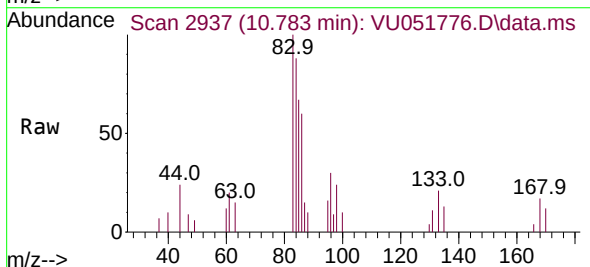
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-06

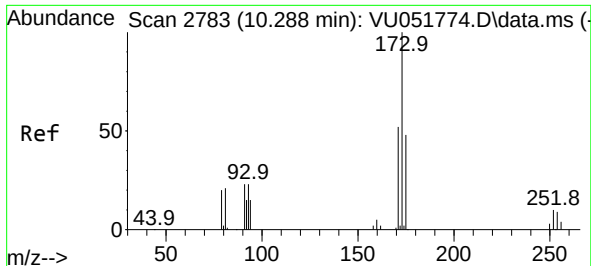
Tgt Ion:104 Resp: 7203
Ion Ratio Lower Upper
104 100
78 47.8 31.8 59.0



#57
1,1,2,2-Tetrachloroethane
Concen: 0.286 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt Ion: 83 Resp: 4394
Ion Ratio Lower Upper
83 100
85 67.4 44.9 83.5
131 11.4 7.8 11.8





#59

Bromoform

Concen: 0.280 ug/L

RT: 10.291 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-06

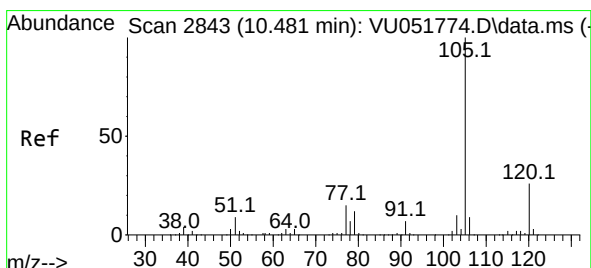
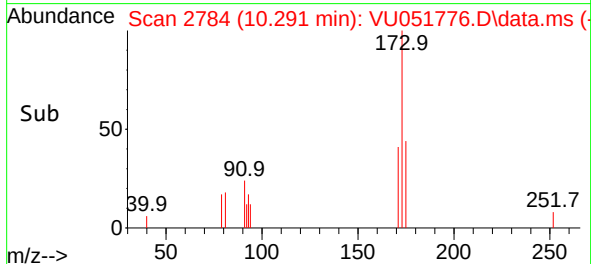
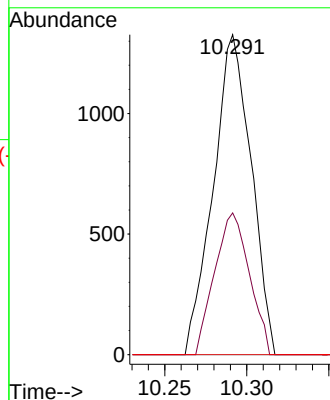
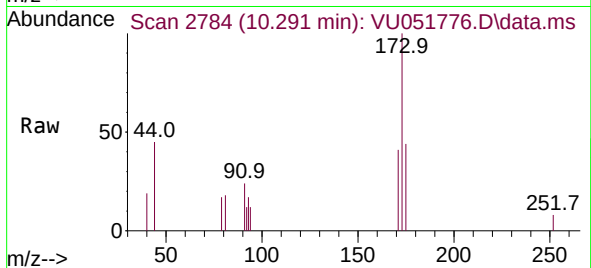
Tgt Ion:173 Resp: 2129

Ion Ratio Lower Upper

173 100

175 40.6 38.7 58.1

254 0.0 7.3 10.9#



#60

Isopropylbenzene

Concen: 0.197 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

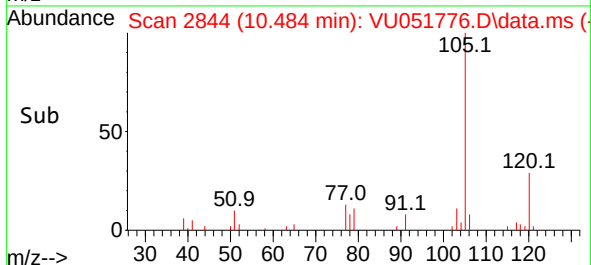
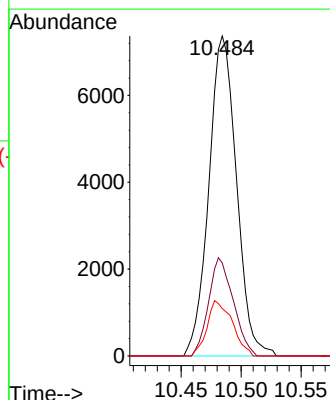
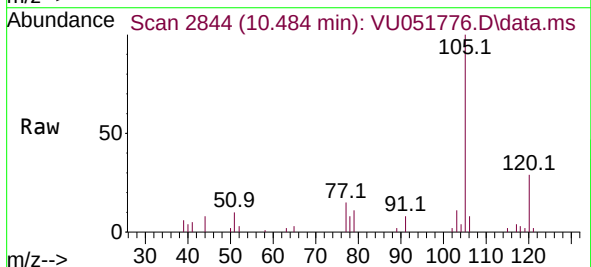
Tgt Ion:105 Resp: 11812

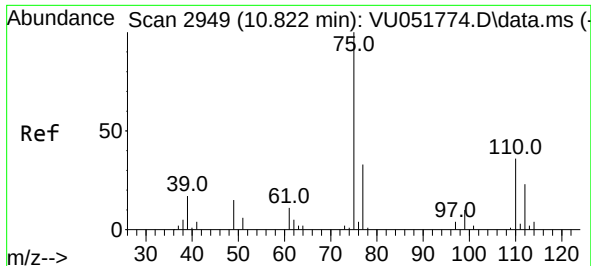
Ion Ratio Lower Upper

105 100

120 27.4 20.9 31.3

77 15.7 12.3 18.5

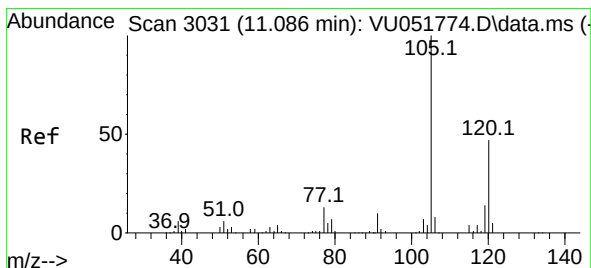
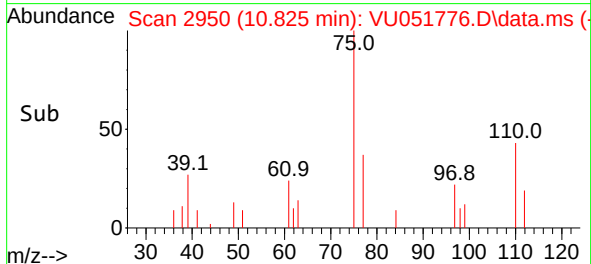
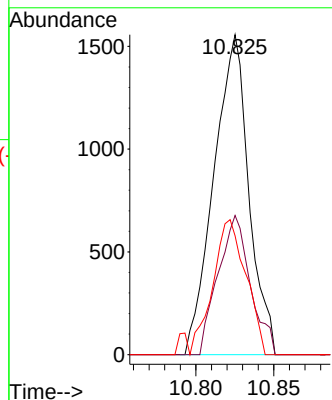
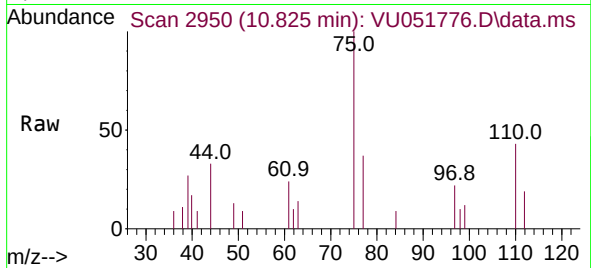




#61
1,2,3-Trichloropropane
Concen: 0.228 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

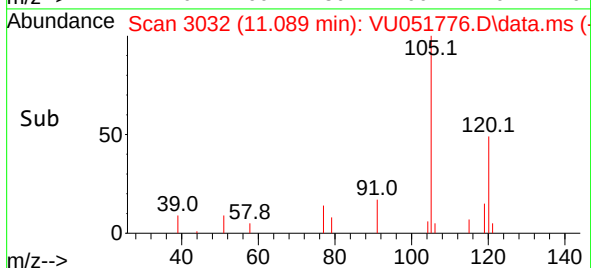
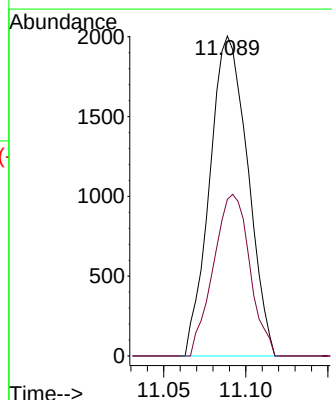
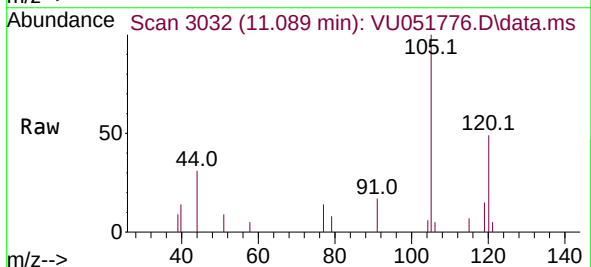
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-06

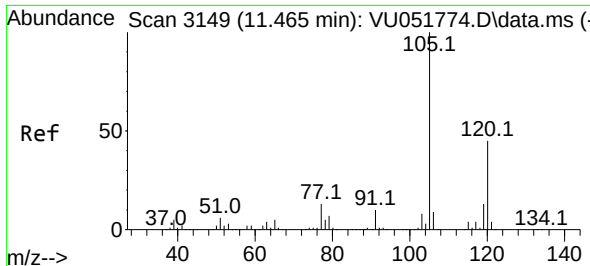
Tgt Ion: 75 Resp: 2428
Ion Ratio Lower Upper
75 100
110 40.2 28.7 43.1
77 40.0 26.1 39.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.200 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt Ion: 105 Resp: 3226
Ion Ratio Lower Upper
105 100
120 48.4 38.6 57.8

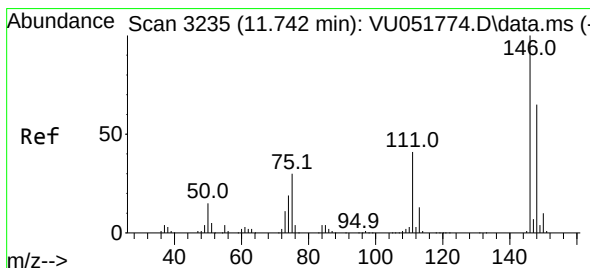
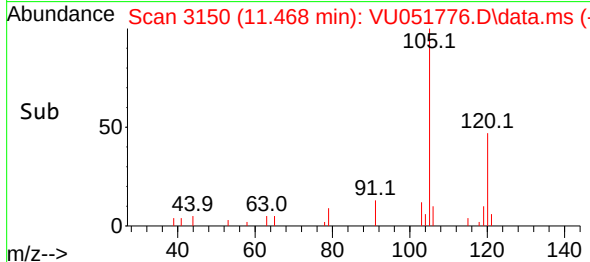
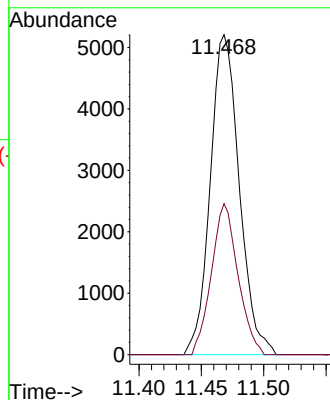
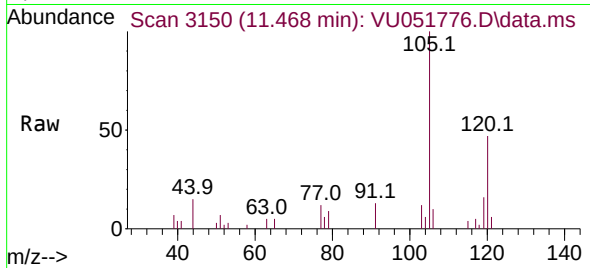




#63
1,2,4-Trimethylbenzene
Concen: 0.181 ug/L
RT: 11.468 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

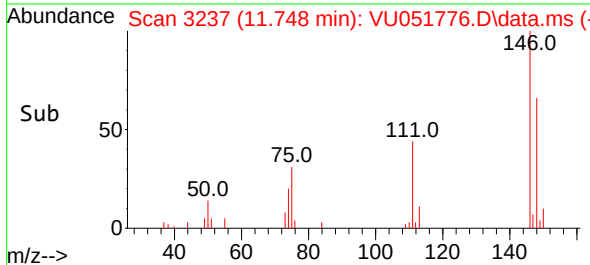
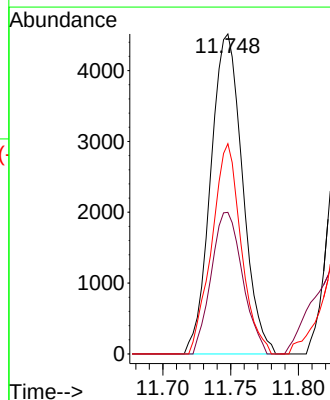
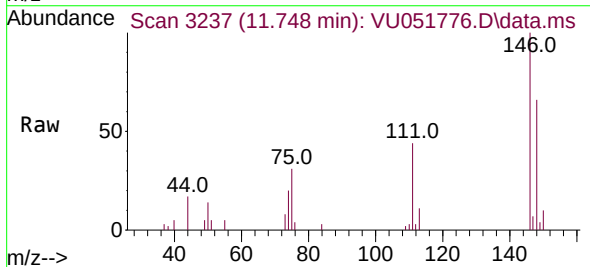
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-06

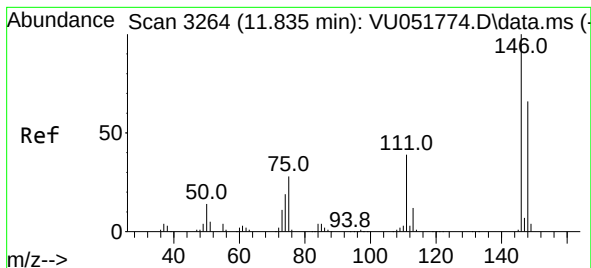
Tgt Ion:105 Resp: 8449
Ion Ratio Lower Upper
105 100
120 43.2 35.8 53.6



#64
1,3-Dichlorobenzene
Concen: 0.247 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.006 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt Ion:146 Resp: 7368
Ion Ratio Lower Upper
146 100
111 44.3 28.6 53.2
148 65.7 44.7 82.9





#65

1,4-Dichlorobenzene

Concen: 0.245 ug/L

RT: 11.835 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-06

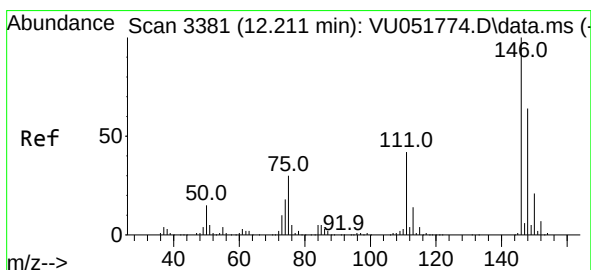
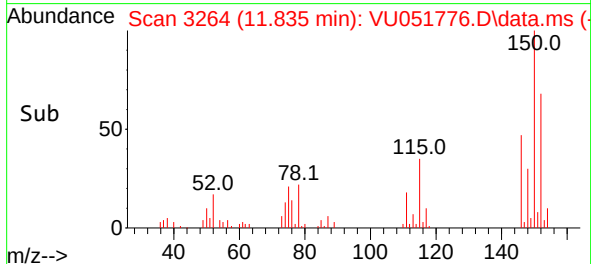
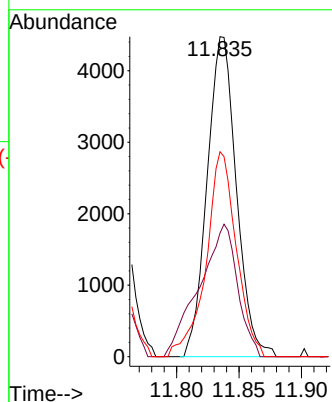
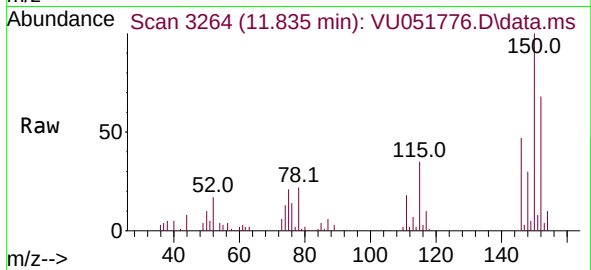
Tgt Ion:146 Resp: 7323

Ion Ratio Lower Upper

146 100

111 38.6 26.7 49.5

148 64.1 43.5 80.9



#67

1,2-Dichlorobenzene

Concen: 0.253 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.003 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

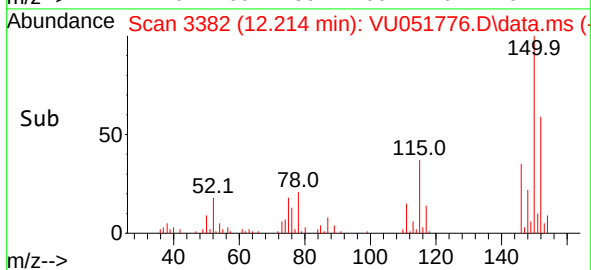
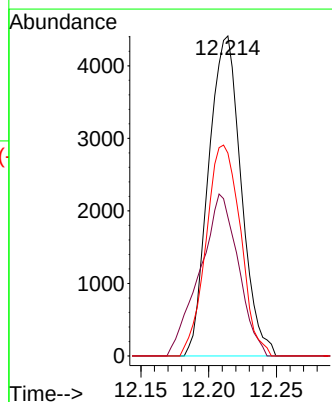
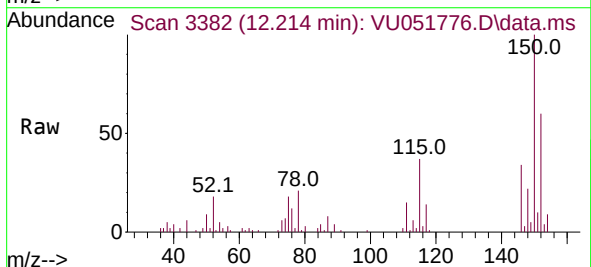
Tgt Ion:146 Resp: 7370

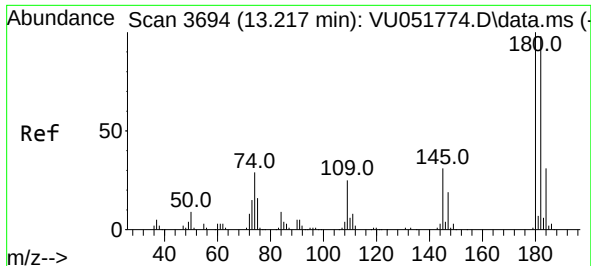
Ion Ratio Lower Upper

146 100

111 43.4 34.2 51.2

148 63.4 50.1 75.1





#69

1,3,5-Trichlorobenzene

Concen: 0.262 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.003 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-06

Tgt Ion:180 Resp: 5574

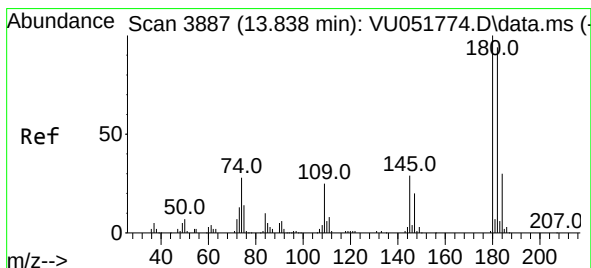
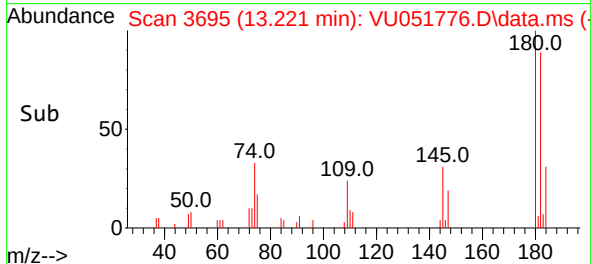
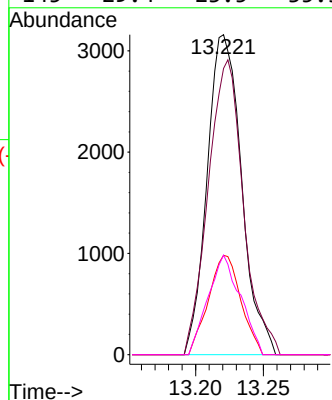
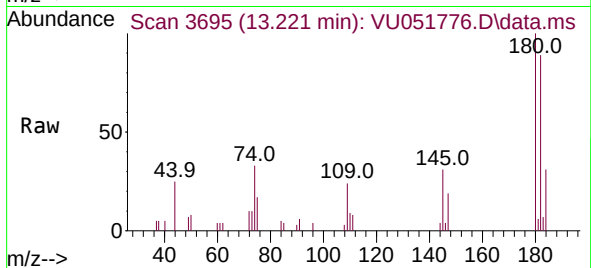
Ion Ratio Lower Upper

180 100

182 93.9 77.0 115.6

184 29.2 23.7 35.5

145 29.4 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 0.244 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.006 min

Lab File: VU051776.D

Acq: 08 Nov 2022 11:59

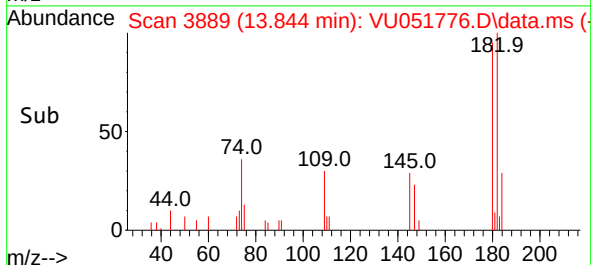
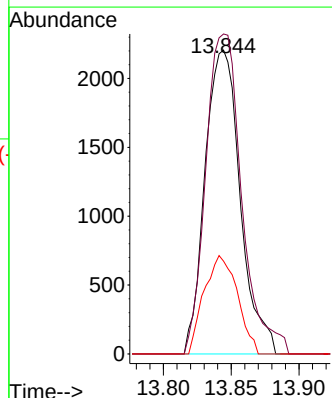
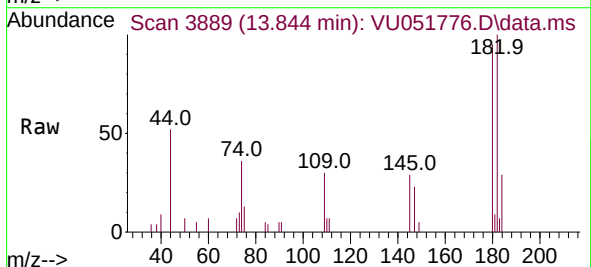
Tgt Ion:180 Resp: 3986

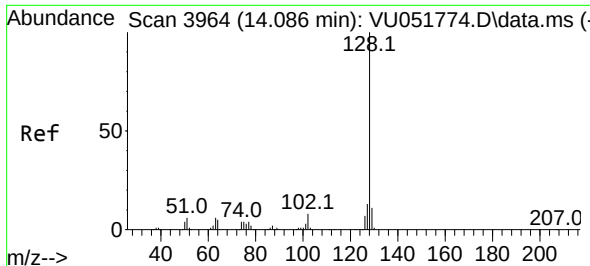
Ion Ratio Lower Upper

180 100

182 107.5 77.8 116.6

145 30.6 25.0 37.6

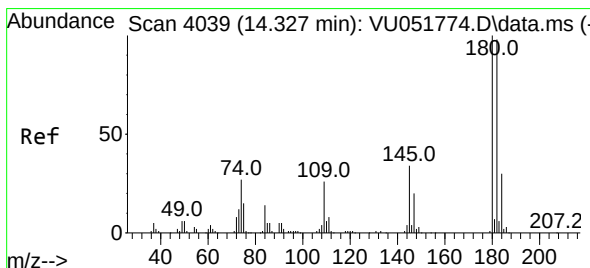
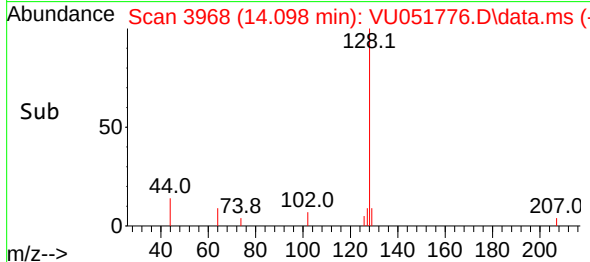
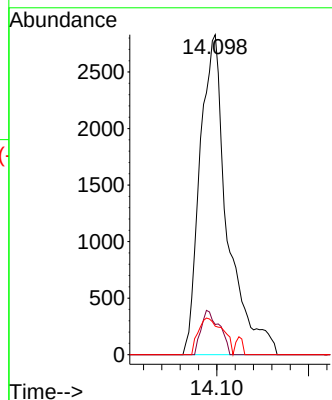
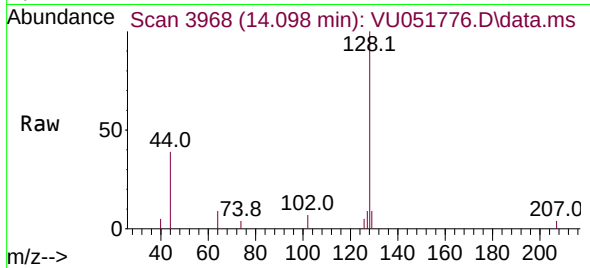




#71
Naphthalene
Concen: 0.192 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.013 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-06

Tgt Ion:128 Resp: 5873
Ion Ratio Lower Upper
128 100
129 9.2 8.4 12.6
127 10.1 10.3 15.5#



#72
1,2,3-Trichlorobenzene
Concen: 0.230 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU051776.D
Acq: 08 Nov 2022 11:59

Tgt Ion:180 Resp: 3798
Ion Ratio Lower Upper
180 100
182 100.6 76.1 114.1
145 30.7 25.6 38.4

