

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101521\
 Data File : VU045321.D
 Acq On : 15 Oct 2021 14:53
 Operator : SY/MD
 Sample : M4068-09 0.4 ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Quant Time: Oct 16 01:10:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:46:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	39708	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	12909	0.885	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	12109	0.887	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	5491	0.362	ug/l	96
3) Chloromethane	1.520	50	6984	0.442	ug/l	98
4) Vinyl Chloride	1.604	62	5802	0.354	ug/l	96
5) Bromomethane	1.854	94	3634	0.404	ug/l	99
6) Chloroethane	1.932	64	4060	0.382	ug/l	# 86
7) Trichlorofluoromethane	2.137	101	6685	0.350	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	3830	0.347	ug/l	97
9) 1,1-Dichloroethene	2.581	96	3592	0.348	ug/l	97
10) Iodomethane	2.726	142	3119	0.289	ug/l	99
11) Allyl Chloride	2.925	41	5346	0.353	ug/l	97
12) Acrylonitrile	3.340	53	1625	0.617	ug/l	# 91
13) Acetone	2.649	43	5874	1.870	ug/l	# 86
14) Carbon Disulfide	2.793	76	11175	0.355	ug/l	100
15) Methylene Chloride	3.047	84	9637	0.771	ug/l	98
16) trans-1,2-Dichloroethene	3.356	96	3900	0.352	ug/l	97
17) 1,1-Dichloroethane	3.874	63	7637	0.367	ug/l	# 94
18) 2-Butanone	4.732	43	6228	1.559	ug/l	100
19) Cyclohexane	5.388	56	5327	0.277	ug/l	86
20) Methylcyclohexane	6.767	83	5893	0.308	ug/l	96
21) 2,2-Dichloropropane	4.671	77	6241	0.353	ug/l	99
22) cis-1,2-Dichloroethene	4.674	96	4461	0.365	ug/l	99
23) Diethyl Ether	2.379	59	3258	0.333	ug/l	89
24) tert-Butyl Alcohol	3.215	59	837	1.093	ug/l	# 77
25) Methyl tert-Butyl Ether	3.375	73	9081	0.315	ug/l	100
26) Bromochloromethane	4.976	128	1754	0.336	ug/l	93
27) Chloroform	5.092	83	8285	0.389	ug/l	97
28) 1,1,1-Trichloroethane	5.321	97	6092	0.349	ug/l	98
29) 1,1-Dichloropropene	5.530	75	5435	0.341	ug/l	96
30) Carbon Tetrachloride	5.530	117	4572	0.338	ug/l	98
31) Isopropyl Ether	4.005	45	11473	0.348	ug/l	93
32) Ethyl-t-butyl ether	4.510	59	10977	0.331	ug/l	97
33) Tert-Amyl methyl ether	5.951	73	8737	0.297	ug/l	100
34) Propionitrile	4.803	54	1500	1.509	ug/l	# 77
35) Benzene	5.777	78	16445	0.356	ug/l	97
36) 1,2-Dichloroethane	5.803	62	5134	0.349	ug/l	# 85
37) Trichloroethene	6.549	130	4091	0.365	ug/l	94
38) 1,2-Dichloropropane	6.796	63	4296	0.359	ug/l	94
39) Methacrylonitrile	4.989	41	1232	0.313	ug/l	# 88
40) Methyl acrylate	4.861	55	2078	0.317	ug/l	# 81
41) Tetrahydrofuran	5.076	42	1560	0.693	ug/l	# 38
42) 1-Chlorobutane	5.462	56	7932	0.346	ug/l	96
43) Dibromomethane	6.925	93	1929	0.325	ug/l	98
44) Bromodichloromethane	7.111	83	5026	0.339	ug/l	96

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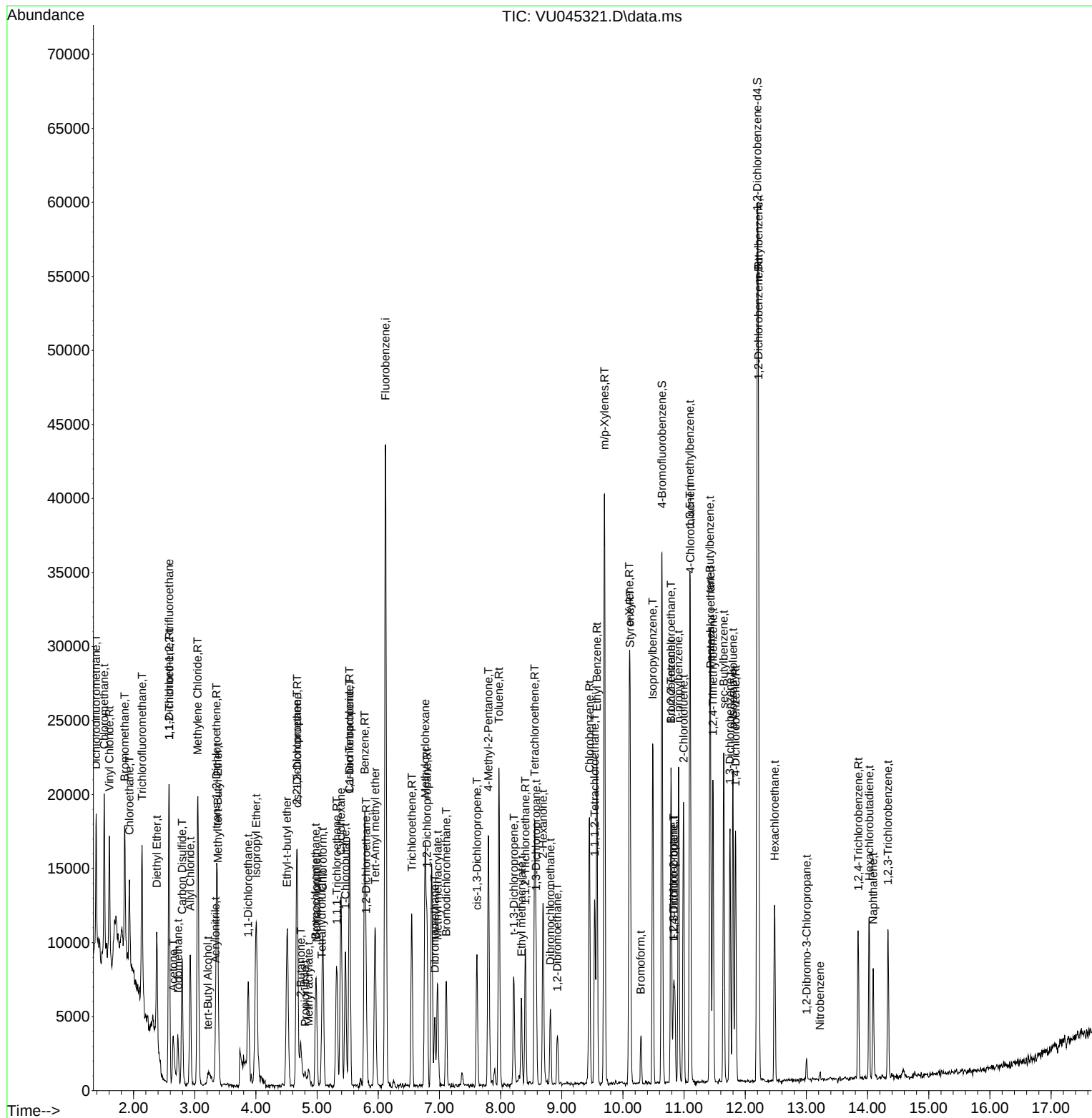
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	12089	1.490	ug/l	98
46) t-1,4-Dichloro-2-butene	10.828	75	4050	1.418	ug/l #	47
47) Methyl methacrylate	6.970	69	3168	0.526	ug/l	94
48) Ethyl methacrylate	8.343	69	3352	0.282	ug/l	93
49) Toluene	7.973	92	9165	0.323	ug/l	97
50) t-1,3-Dichloropropene	8.218	75	4318	0.298	ug/l #	67
51) cis-1,3-Dichloropropene	7.613	75	5192	0.306	ug/l	98
52) 1,1,2-Trichloroethane	8.404	97	2883	0.337	ug/l	96
53) 1,3-Dichloropropane	8.581	76	5233	0.328	ug/l	99
54) 2-Hexanone	8.693	43	8899	1.420	ug/l	94
55) Dibromochloromethane	8.816	129	2732	0.304	ug/l	94
56) 1,2-Dibromoethane	8.928	107	2570	0.319	ug/l	98
58) Tetrachloroethene	8.558	164	3529	0.349	ug/l	94
59) Chlorobenzene	9.452	112	9844	0.335	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.539	131	3213	0.328	ug/l	93
61) Pentachloroethane	11.433	117	2670	0.375	ug/l	97
62) Hexachloroethane	12.481	117	2354	0.315	ug/l	94
63) Ethyl Benzene	9.574	91	15503	0.293	ug/l	98
64) m/p-Xylenes	9.700	106	11465	0.572	ug/l	98
65) o-Xylene	10.105	106	5775	0.295	ug/l	97
66) Styrene	10.118	104	8941	0.279	ug/l	96
67) Bromoform	10.291	173	1484	0.315	ug/l #	91
69) Isopropylbenzene	10.488	105	14347	0.279	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.787	83	3553	0.323	ug/l #	97
71) 1,2,3-Trichloropropane	10.828	75	4050	0.447	ug/l #	53
72) Bromobenzene	10.787	156	3448	0.303	ug/l	93
73) n-propylbenzene	10.909	120	3487	0.259	ug/l	92
74) 2-Chlorotoluene	10.992	126	3325	0.286	ug/l	91
75) 1,3,5-Trimethylbenzene	11.095	105	11165	0.260	ug/l	98
76) 4-Chlorotoluene	11.102	126	3235	0.272	ug/l	96
77) tert-Butylbenzene	11.423	119	12274	0.295	ug/l	96
78) 1,2,4-Trimethylbenzene	11.471	105	11491	0.262	ug/l	100
79) sec-Butylbenzene	11.648	105	15336	0.267	ug/l	100
80) Nitrobenzene	13.221	77	319	1.018	ug/l #	59
81) p-Isopropyltoluene	11.799	119	11563	0.251	ug/l	97
82) 1,3-Dichlorobenzene	11.751	146	7080	0.312	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	6806	0.303	ug/l	99
84) n-Butylbenzene	12.214	91	10820	0.246	ug/l	97
85) 1,2-Dichlorobenzene	12.217	146	6992	0.324	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.002	75	469	0.256	ug/l	92
87) 1,2,4-Trichlorobenzene	13.848	180	3593	0.270	ug/l	95
88) Hexachlorobutadiene	14.028	225	1974	0.318	ug/l	94
89) Naphthalene	14.092	128	6302	0.241	ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	3249	0.263	ug/l	96

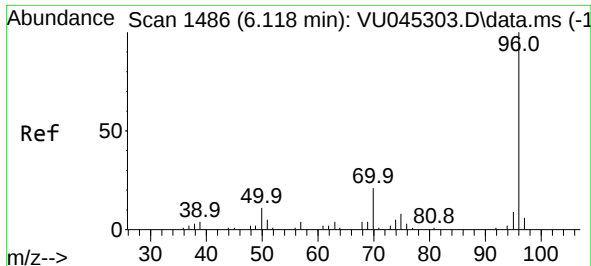
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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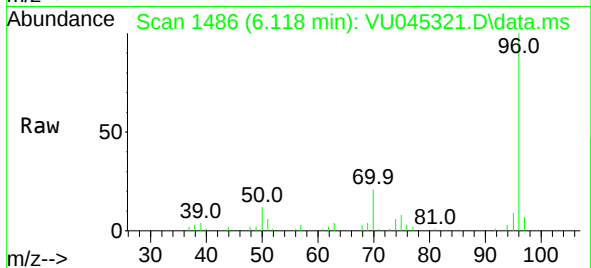
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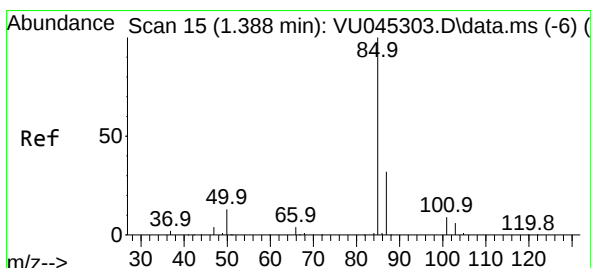
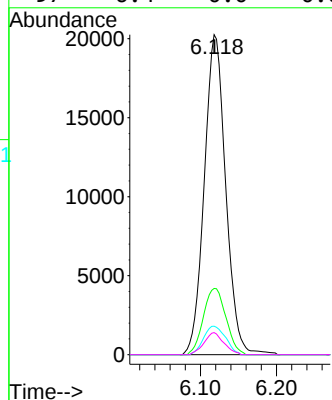
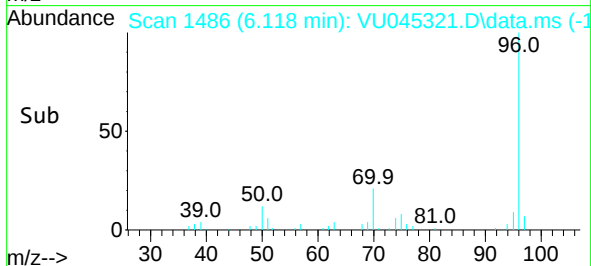


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

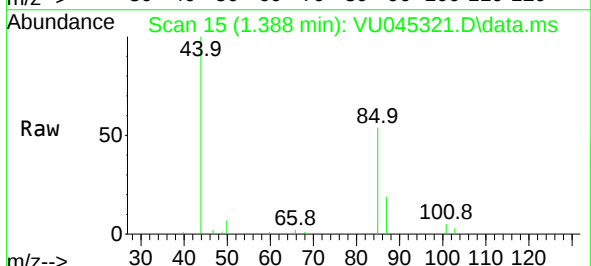
Instrument :
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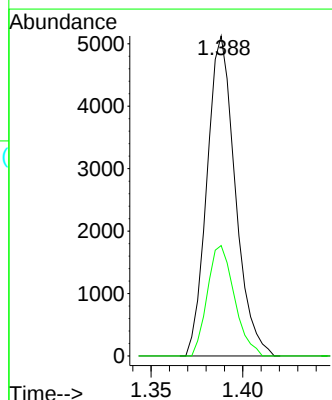
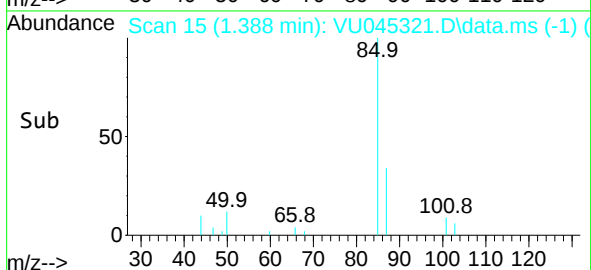
Tgt Ion:	96	Resp:	39708
Ion Ratio	100	Lower	Upper
96	100		
70	21.7	16.8	25.2
95	9.1	7.3	10.9
97	6.4	0.0	0.0

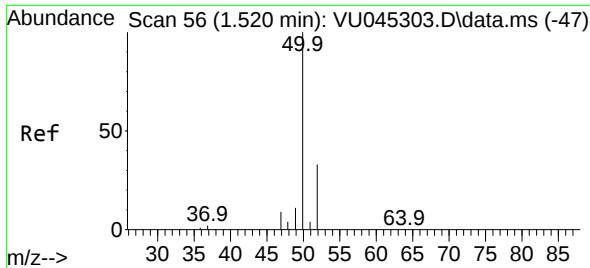


#2
Dichlorodifluoromethane
Concen: 0.362 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion:	85	Resp:	5491
Ion Ratio	100	Lower	Upper
85	100		
87	34.5	16.2	48.6

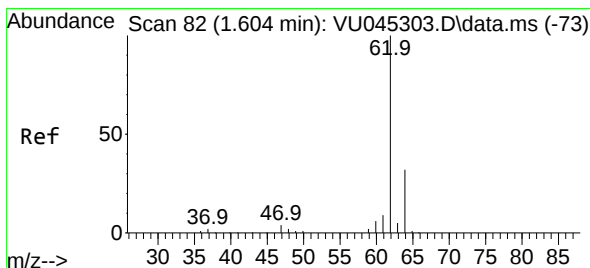
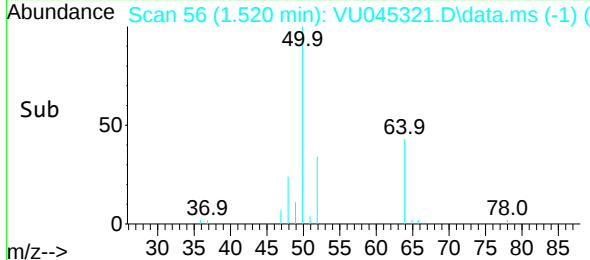
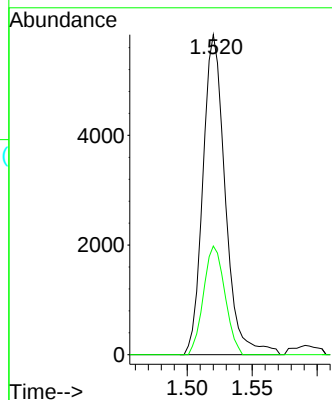
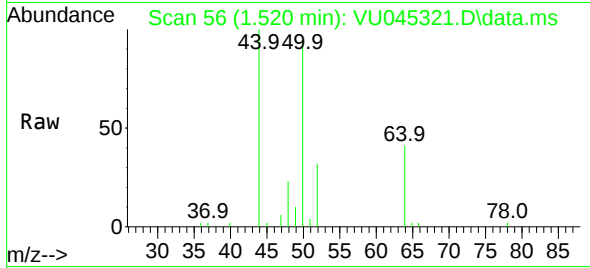




#3
Chloromethane
Concen: 0.442 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

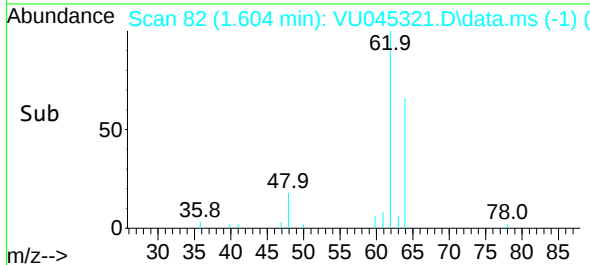
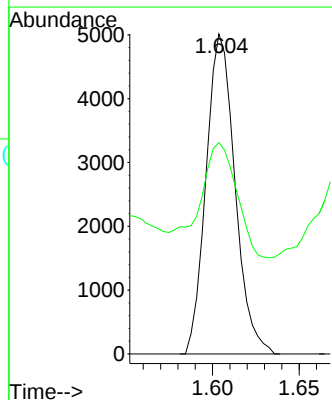
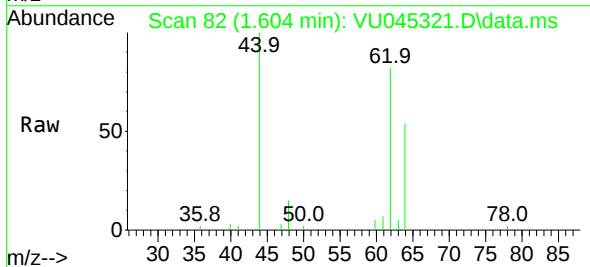
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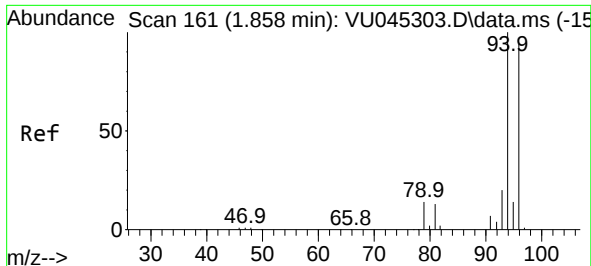
Tgt Ion: 50 Resp: 6984
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.4



#4
Vinyl Chloride
Concen: 0.354 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 62 Resp: 5802
Ion Ratio Lower Upper
62 100
64 34.6 26.0 39.0

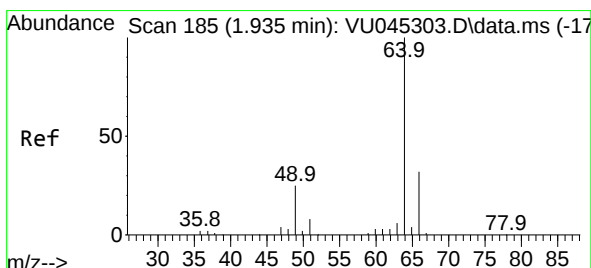
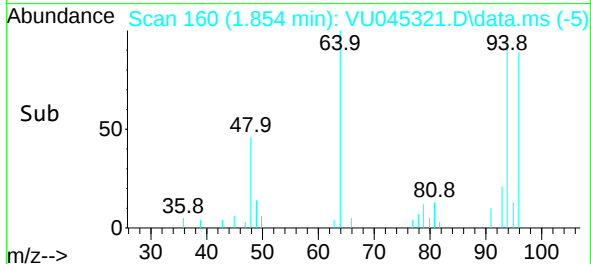
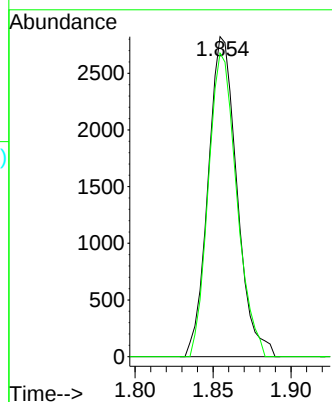
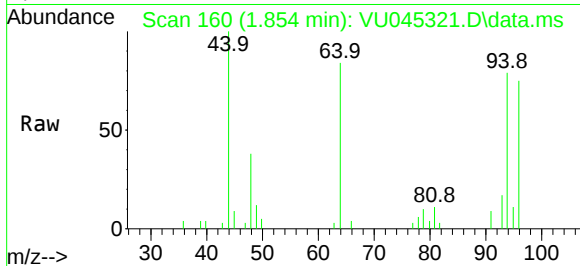




#5
Bromomethane
Concen: 0.404 ug/l
RT: 1.854 min Scan# 160
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

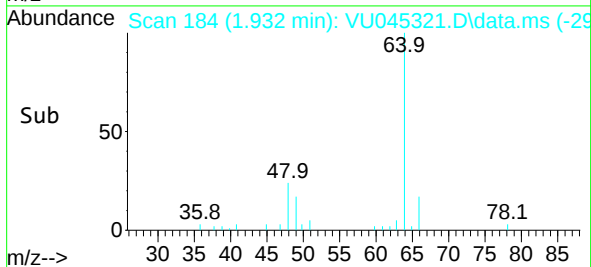
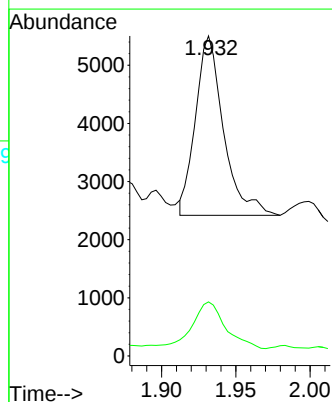
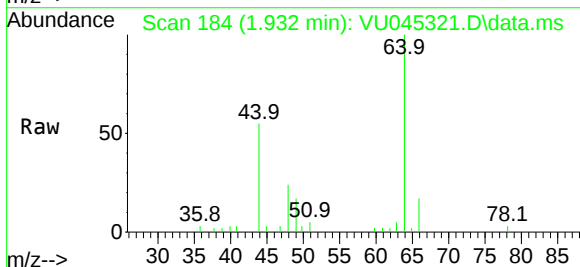
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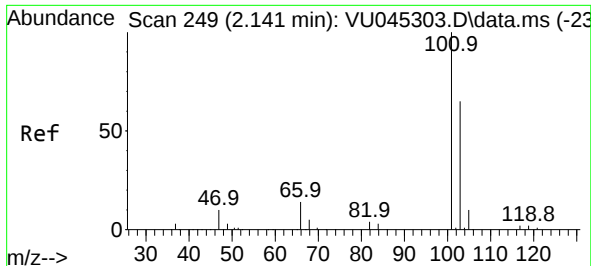
Tgt Ion: 94 Resp: 3634
Ion Ratio Lower Upper
94 100
96 94.9 75.0 112.4



#6
Chloroethane
Concen: 0.382 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 64 Resp: 4060
Ion Ratio Lower Upper
64 100
66 24.5 25.8 38.8#

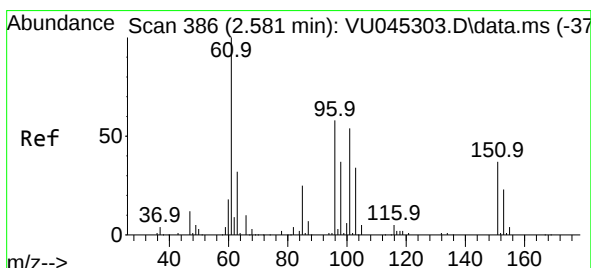
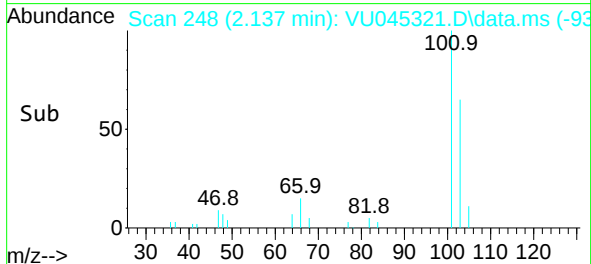
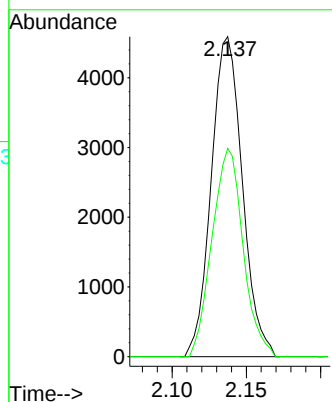
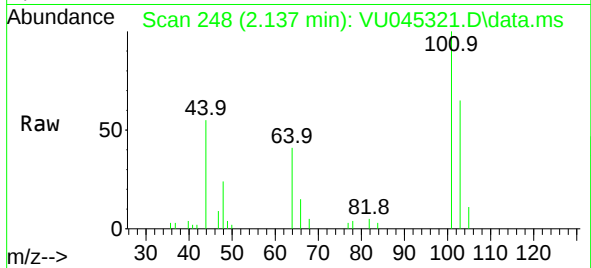




#7
 Trichlorofluoromethane
 Concen: 0.350 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU045321.D
 Acq: 15 Oct 2021 14:53

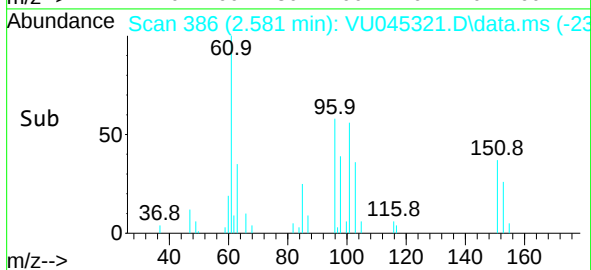
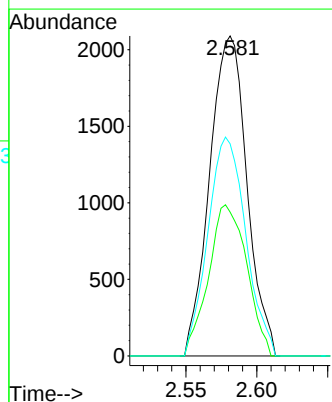
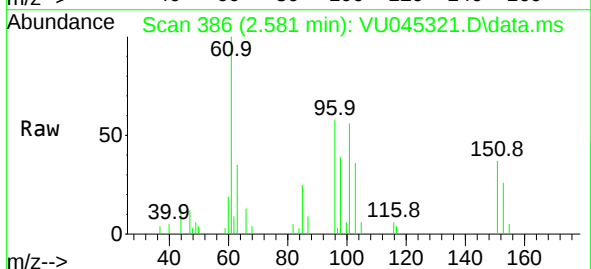
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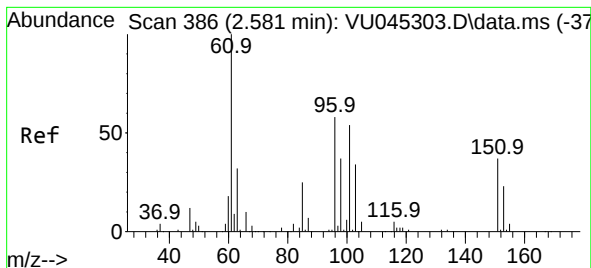
Tgt Ion:101 Resp: 6685
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.347 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045321.D
 Acq: 15 Oct 2021 14:53

Tgt Ion:101 Resp: 3830
 Ion Ratio Lower Upper
 101 100
 85 48.4 35.8 53.6
 151 69.6 54.6 81.8





#9

1,1-Dichloroethene

Concen: 0.348 ug/l

RT: 2.581 min Scan# 386

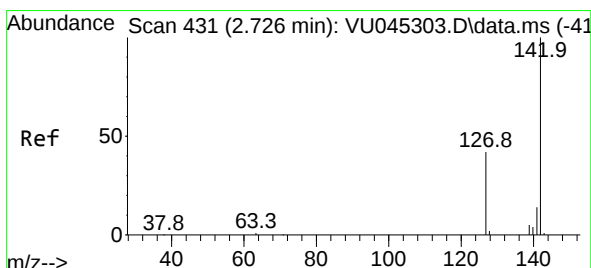
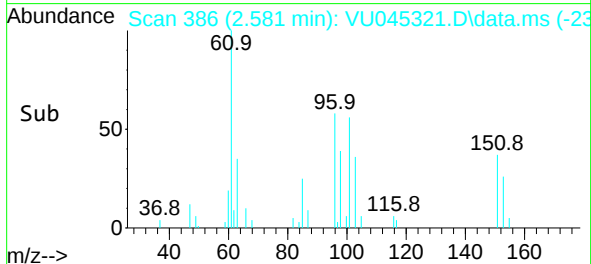
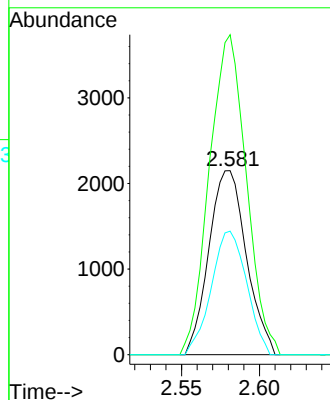
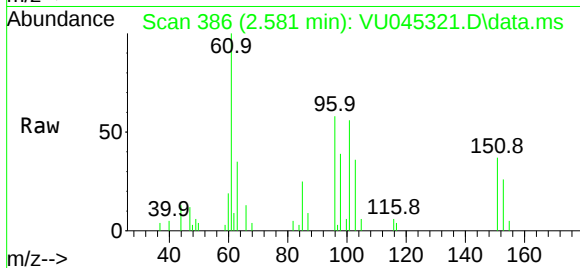
Delta R.T. 0.000 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion: 96 Resp: 3592

Ion	Ratio	Lower	Upper
96	100		
61	173.9	0.0	514.2
98	67.1	0.0	126.4



#10

Iodomethane

Concen: 0.289 ug/l

RT: 2.726 min Scan# 431

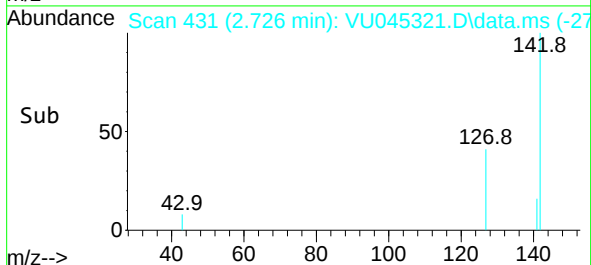
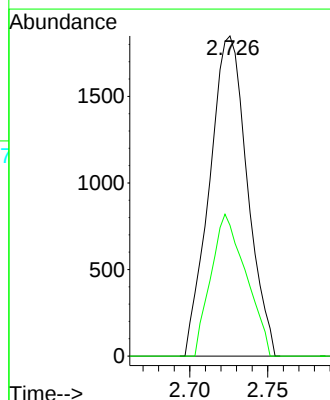
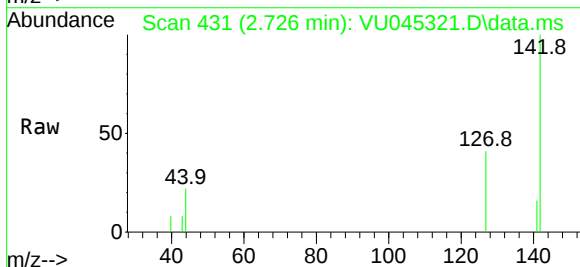
Delta R.T. -0.000 min

Lab File: VU045321.D

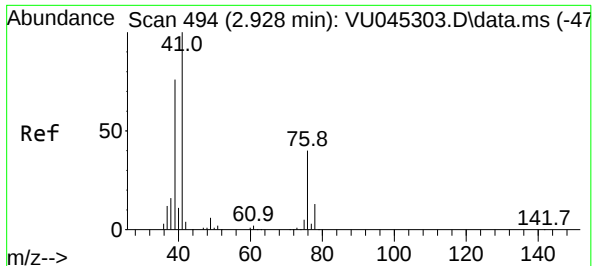
Acq: 15 Oct 2021 14:53

Tgt Ion: 142 Resp: 3119

Ion	Ratio	Lower	Upper
142	100		
127	41.0	33.2	49.8



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021



#11

Allyl Chloride

Concen: 0.353 ug/l

RT: 2.925 min Scan# 493

Delta R.T. -0.003 min

Lab File: VU045321.D

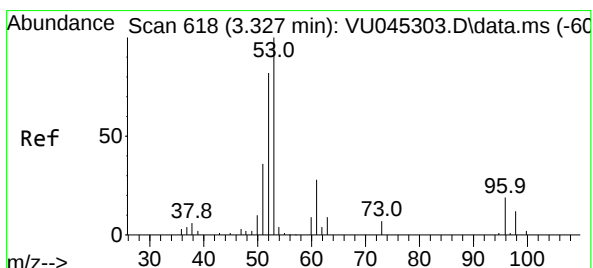
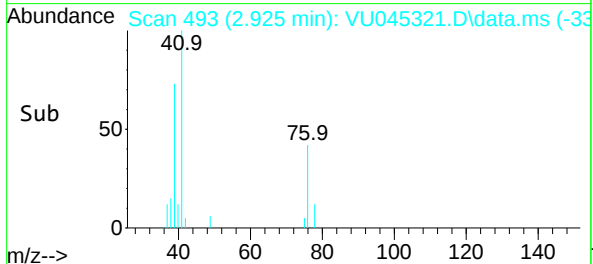
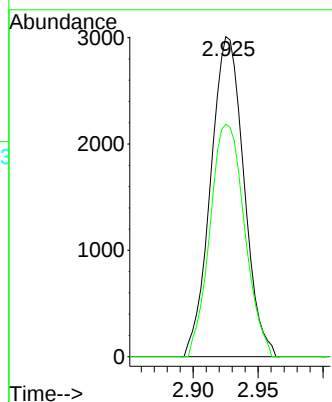
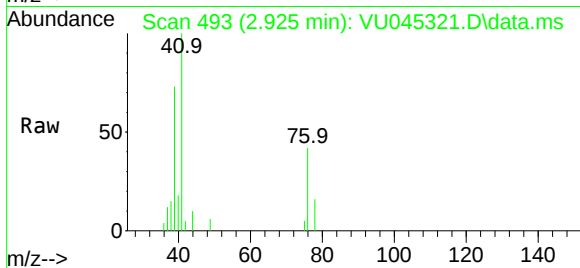
Acq: 15 Oct 2021 14:53

Tgt Ion: 41 Resp: 5346

Ion Ratio Lower Upper

41 100

39 75.4 62.4 93.6



#12

Acrylonitrile

Concen: 0.617 ug/l

RT: 3.340 min Scan# 622

Delta R.T. 0.013 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

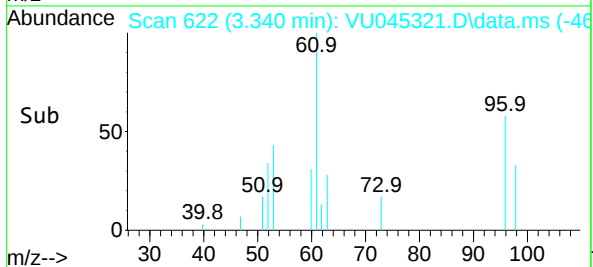
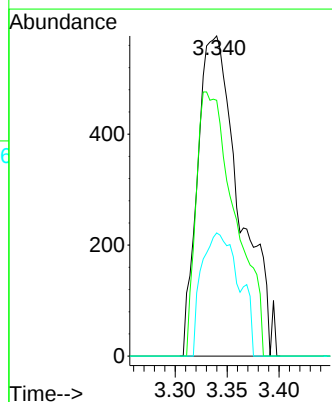
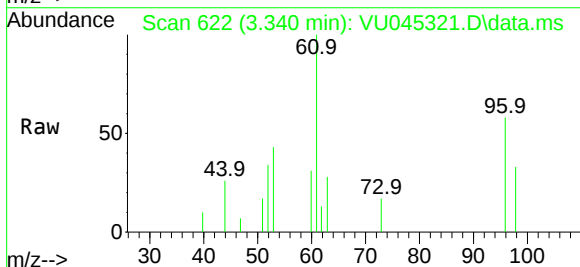
Tgt Ion: 53 Resp: 1625

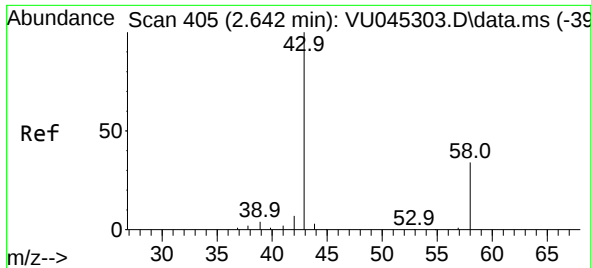
Ion Ratio Lower Upper

53 100

52 76.2 56.7 85.1

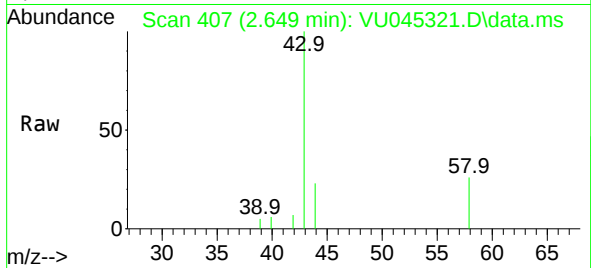
51 29.8 30.3 45.5#



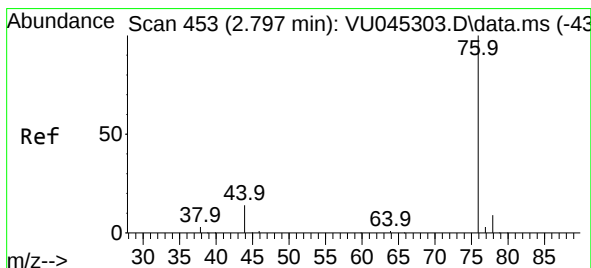
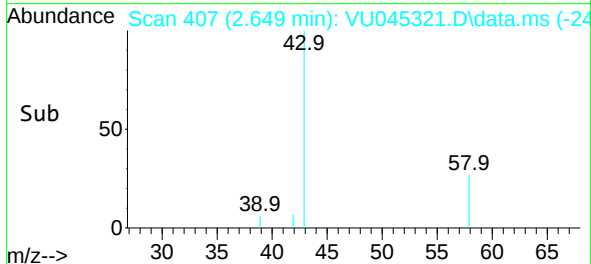
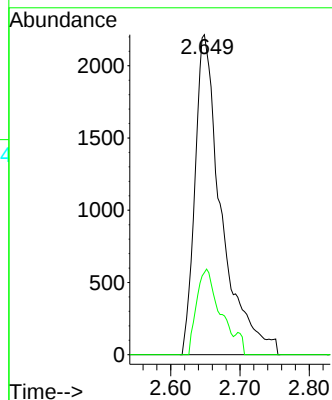


#13
Acetone
Concen: 1.870 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.006 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

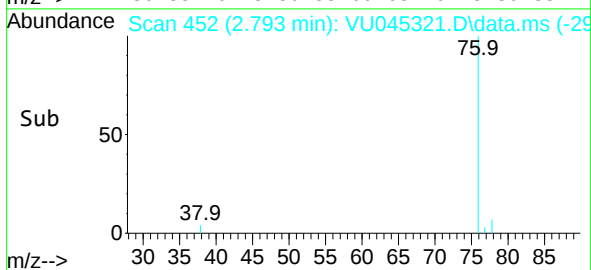
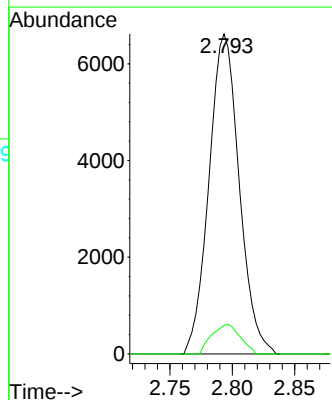
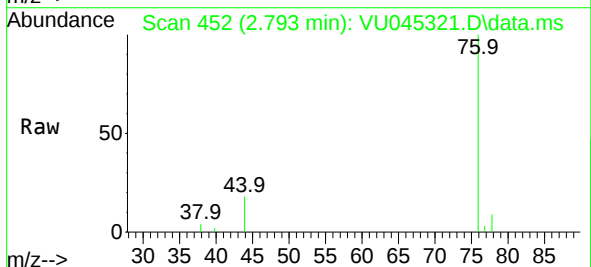


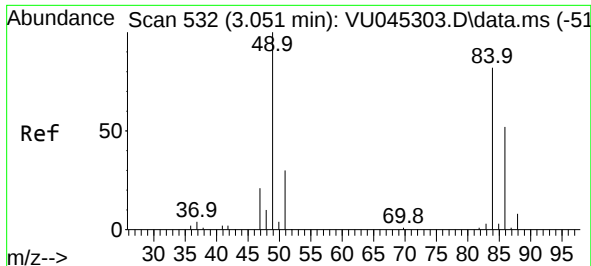
Tgt Ion: 43 Resp: 5874
Ion Ratio Lower Upper
43 100
58 25.6 27.1 40.7#



#14
Carbon Disulfide
Concen: 0.355 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 76 Resp: 11175
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



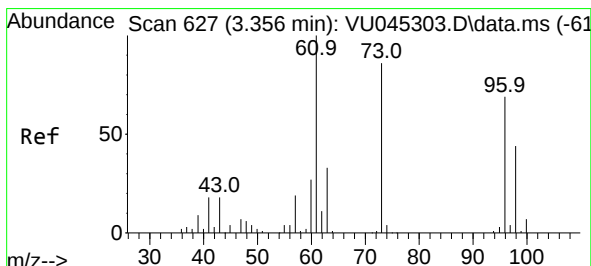
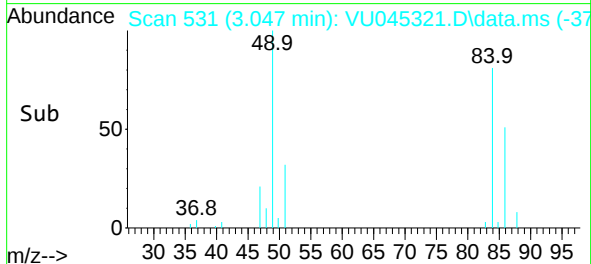
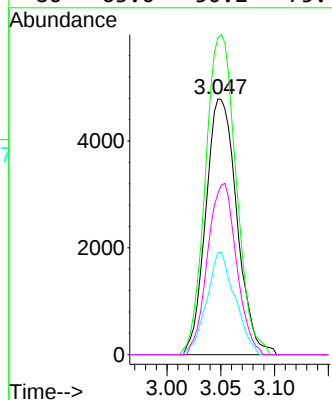
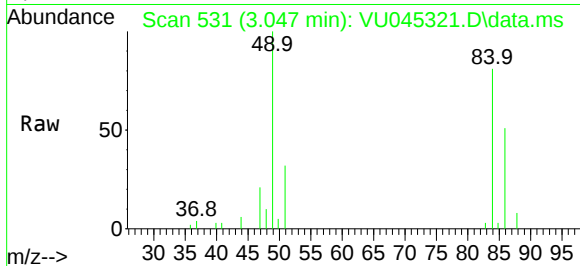


#15
Methylene Chloride
Concen: 0.771 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion: 84 Resp: 9637

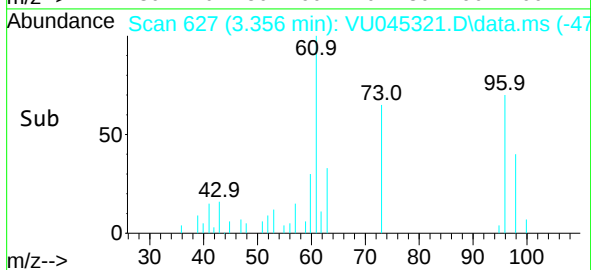
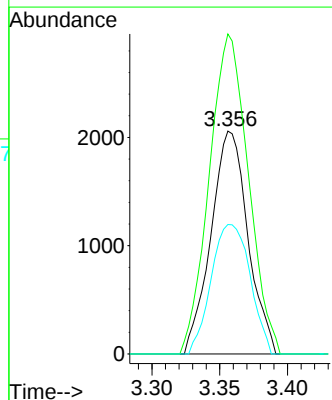
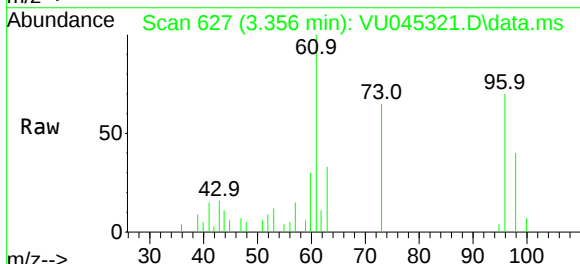
Ion	Ratio	Lower	Upper
84	100		
49	123.8	97.2	145.8
51	39.9	0.0	73.4
86	63.0	50.2	75.4

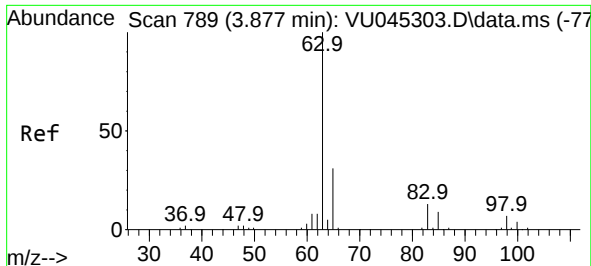


#16
trans-1,2-Dichloroethene
Concen: 0.352 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 96 Resp: 3900

Ion	Ratio	Lower	Upper
96	100		
61	143.6	115.8	173.6
98	58.0	51.1	76.7





#17

1,1-Dichloroethane

Concen: 0.367 ug/l

RT: 3.874 min Scan# 788

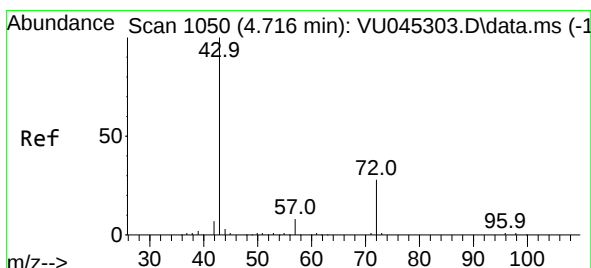
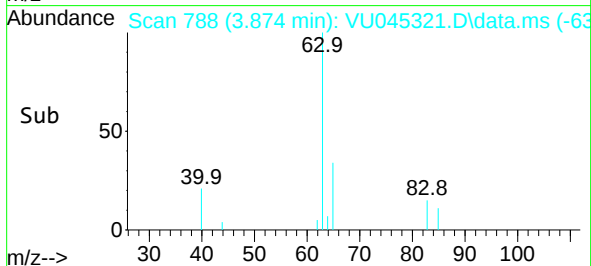
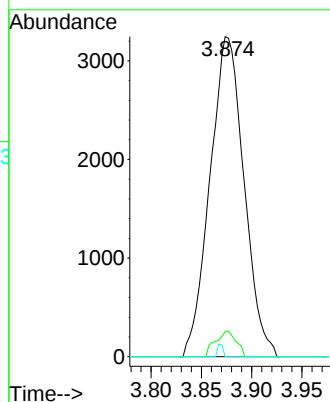
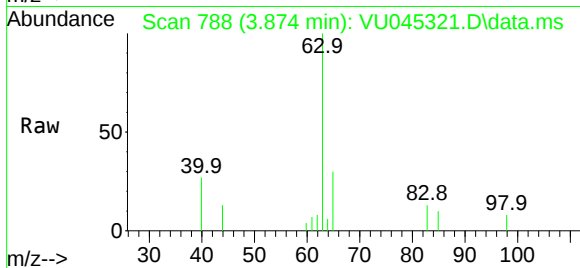
Delta R.T. -0.003 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion:	63	Resp:	7637
Ion Ratio	Lower	Upper	
63	100		
98	7.8	3.6	10.8
100	0.0	2.1	6.5#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021



#18

2-Butanone

Concen: 1.559 ug/l

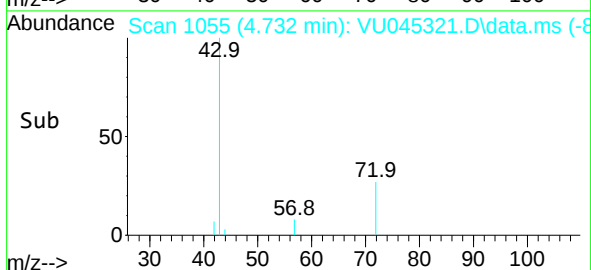
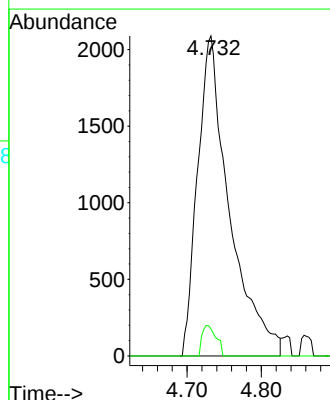
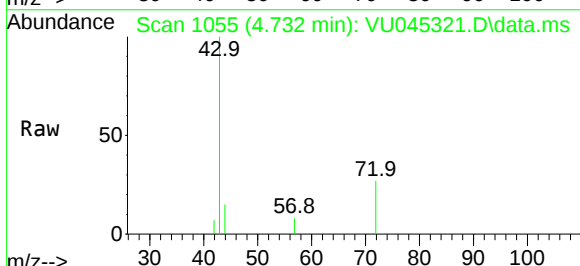
RT: 4.732 min Scan# 1055

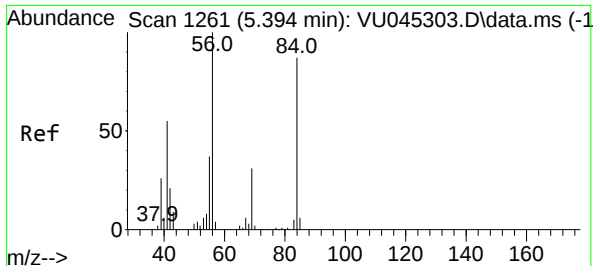
Delta R.T. 0.016 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion:	43	Resp:	6228
Ion Ratio	Lower	Upper	
43	100		
57	8.5	0.0	16.6





#19

Cyclohexane

Concen: 0.277 ug/l

RT: 5.388 min Scan# 1259

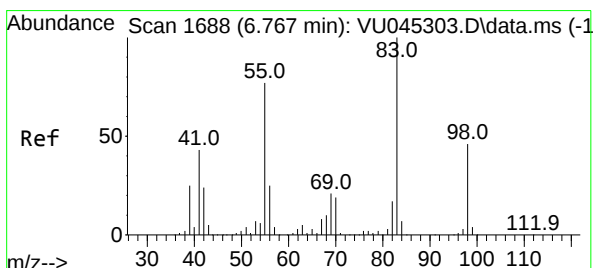
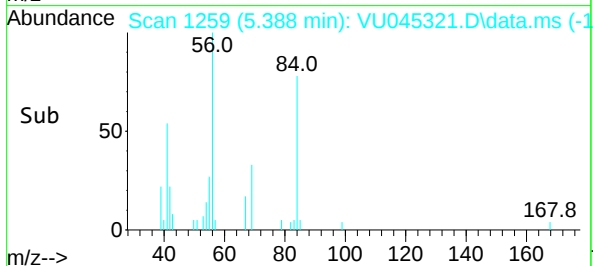
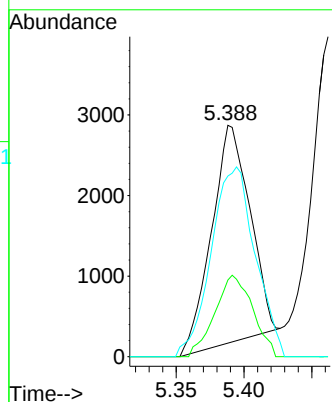
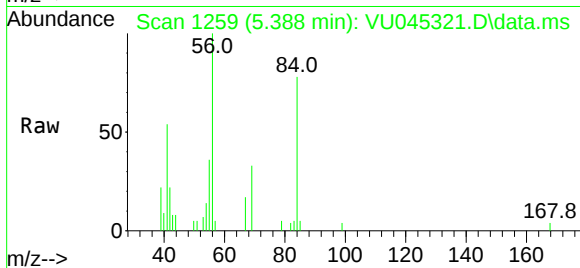
Delta R.T. -0.006 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion:	56	Resp:	5327
Ion Ratio	Lower	Upper	
56	100		
69	36.8	24.7	37.1
84	99.7	68.8	103.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021



#20

Methylcyclohexane

Concen: 0.308 ug/l

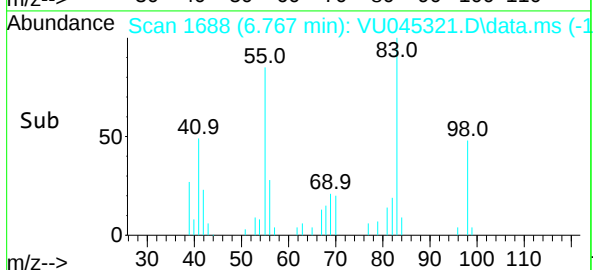
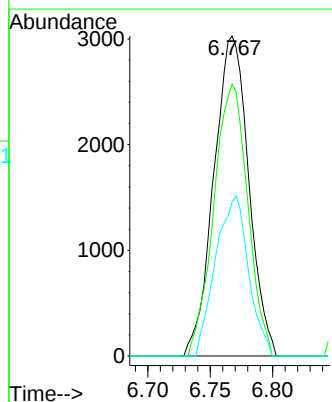
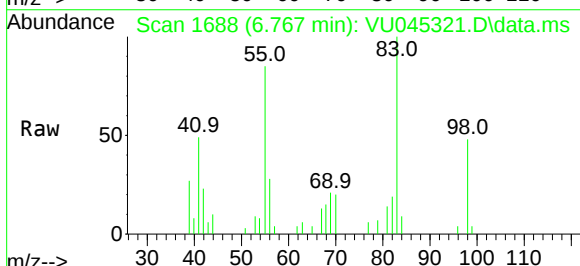
RT: 6.767 min Scan# 1688

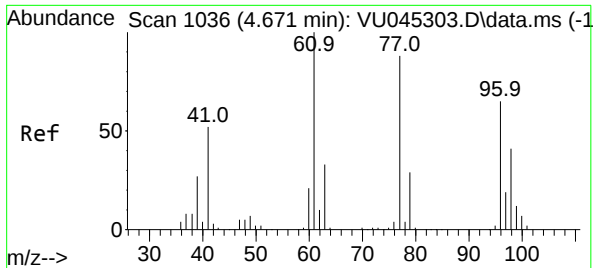
Delta R.T. 0.000 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion:	83	Resp:	5893
Ion Ratio	Lower	Upper	
83	100		
55	82.6	61.9	92.9
98	47.2	37.4	56.2





#21

2,2-Dichloropropane

Concen: 0.353 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

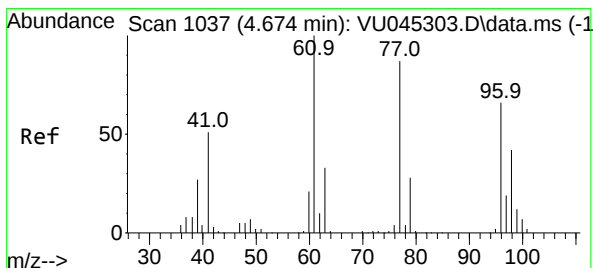
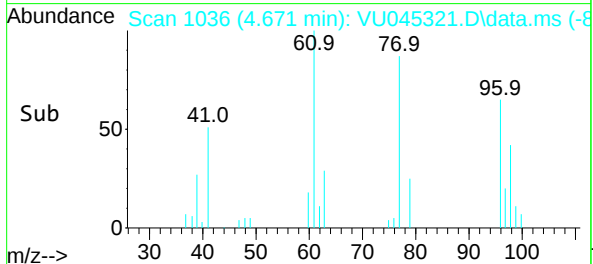
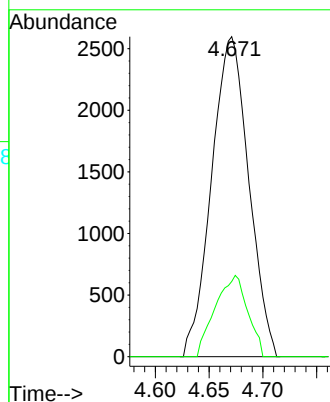
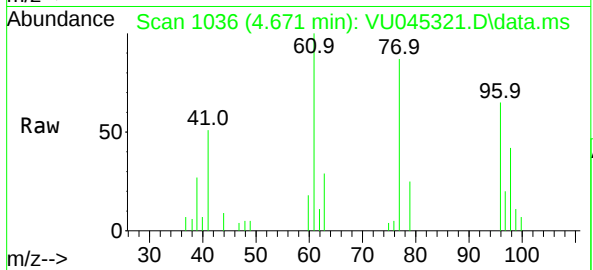
Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion: 77 Resp: 6241

Ion Ratio Lower Upper

77	100		
97	22.1	17.2	25.8



#22

cis-1,2-Dichloroethene

Concen: 0.365 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

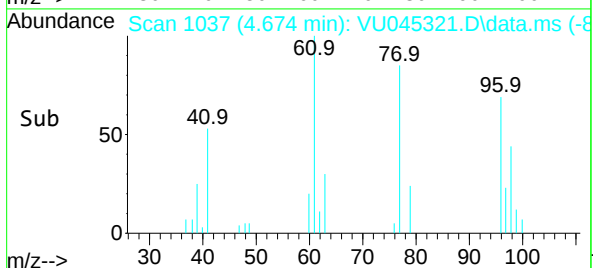
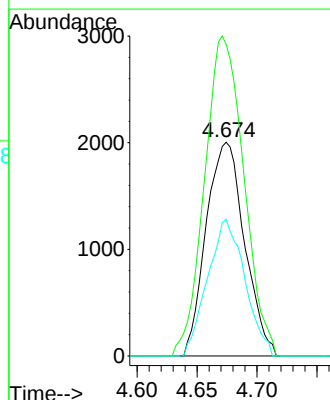
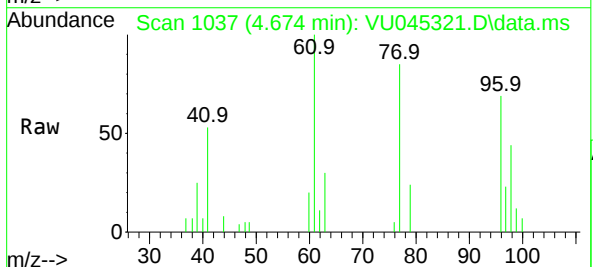
Lab File: VU045321.D

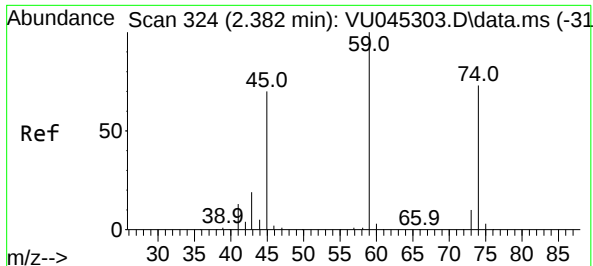
Acq: 15 Oct 2021 14:53

Tgt Ion: 96 Resp: 4461

Ion Ratio Lower Upper

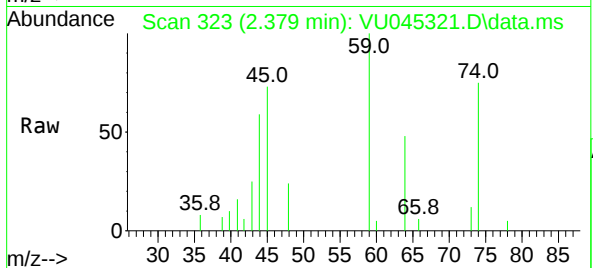
96	100		
61	153.1	0.0	385.3
98	62.0	32.1	96.3



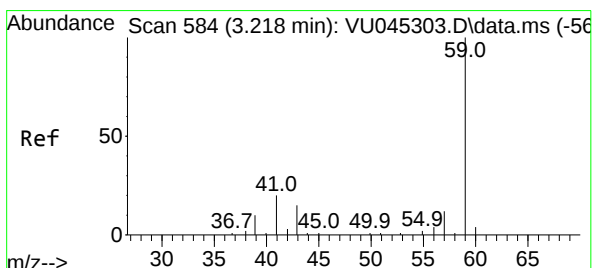
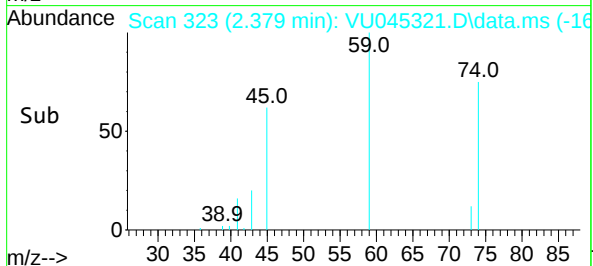
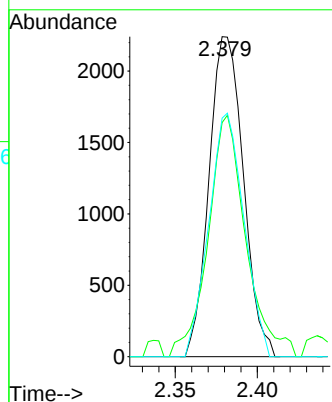


#23
Diethyl Ether
Concen: 0.333 ug/l
RT: 2.379 min Scan# 323
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

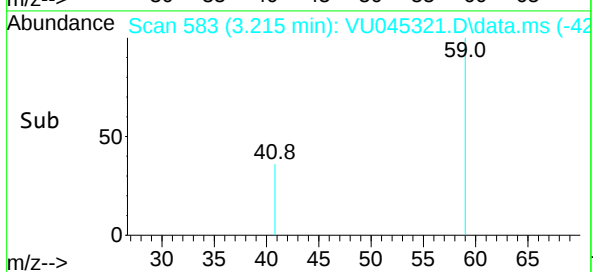
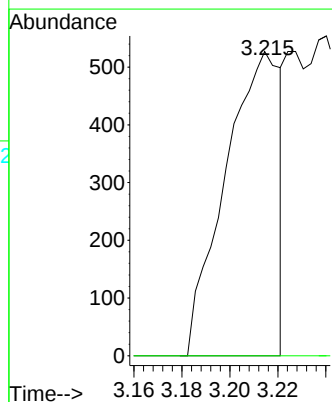
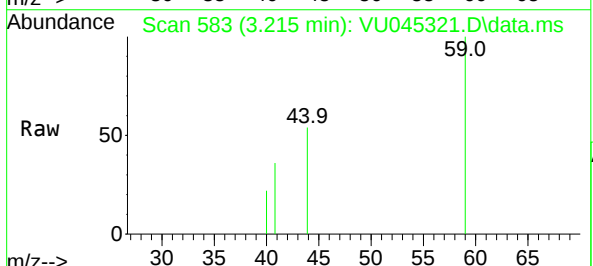


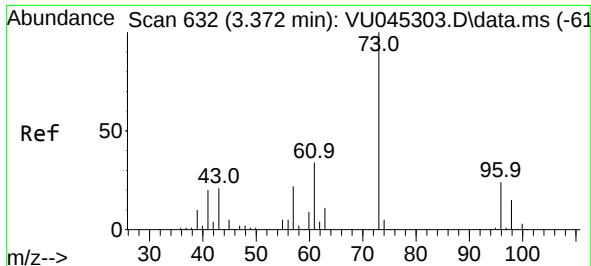
Tgt Ion:	59	Resp:	3258
Ion	Ratio	Lower	Upper
59	100		
45	82.8	55.6	83.4
74	77.8	58.1	87.1



#24
tert-Butyl Alcohol
Concen: 1.093 ug/l
RT: 3.215 min Scan# 583
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

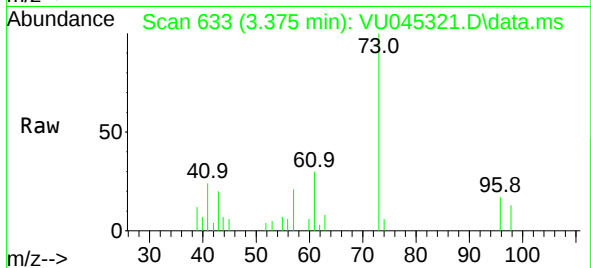
Tgt Ion:	59	Resp:	837
Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.5	9.7#



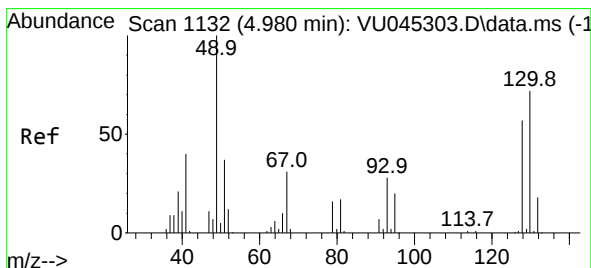
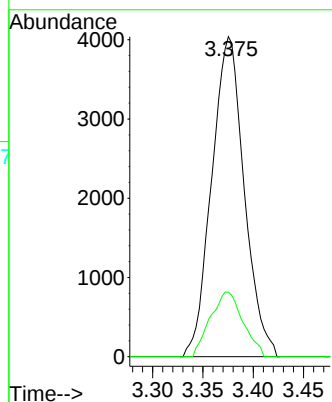
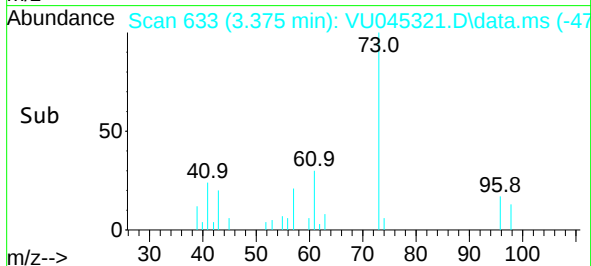


#25
Methyl tert-Butyl Ether
Concen: 0.315 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

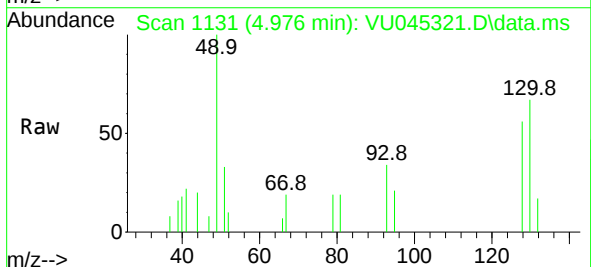
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021



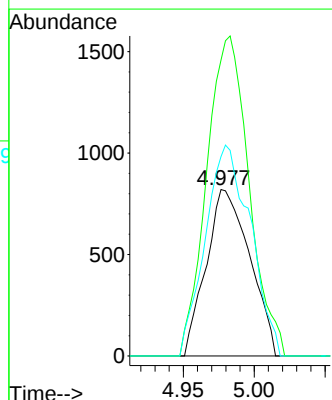
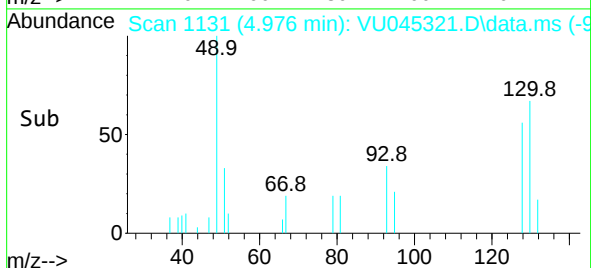
Tgt Ion: 73 Resp: 9081
Ion Ratio Lower Upper
73 100
43 20.3 16.3 24.5

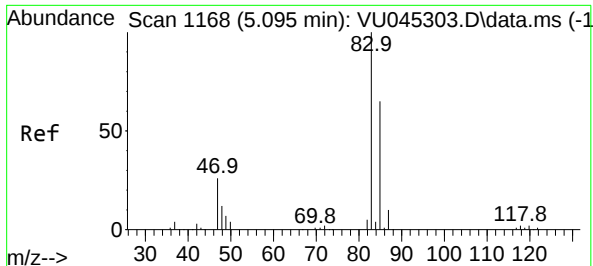


#26
Bromochloromethane
Concen: 0.336 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion: 128 Resp: 1754
Ion Ratio Lower Upper
128 100
49 186.7 0.0 347.4
130 131.1 101.5 152.3



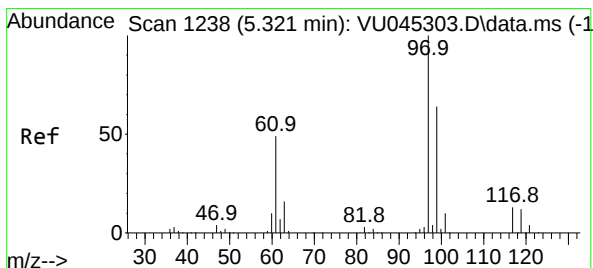
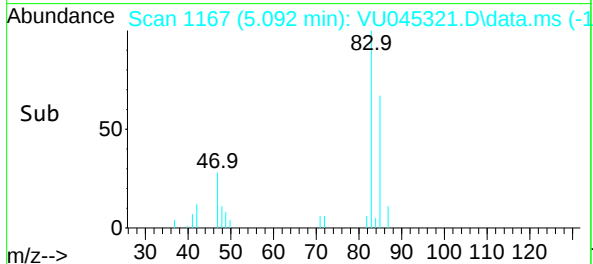
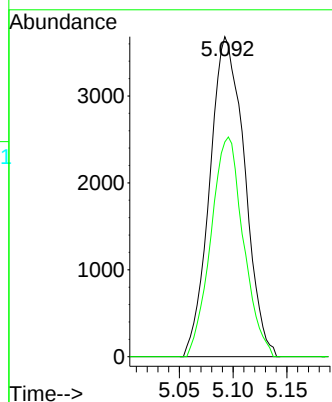
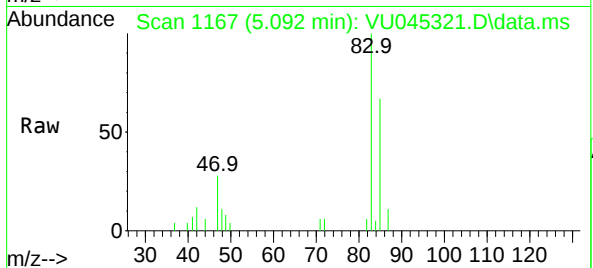


#27

Chloroform
Concen: 0.389 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

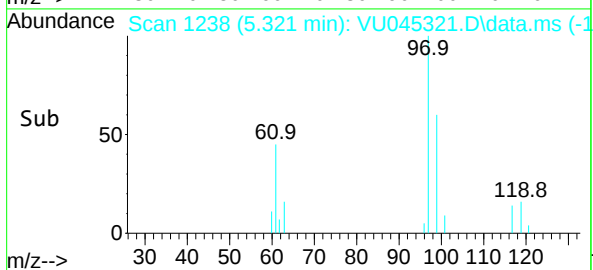
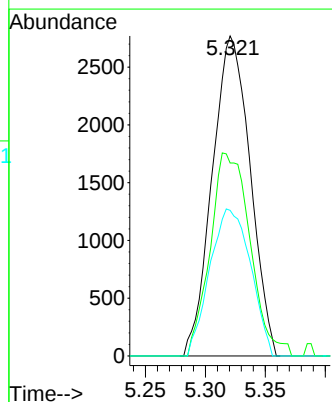
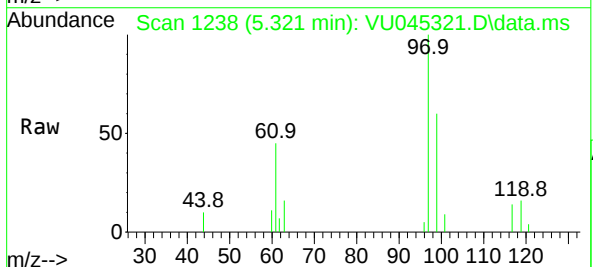
Tgt Ion: 83 Resp: 8285
Ion Ratio Lower Upper
83 100
85 67.1 0.0 129.2

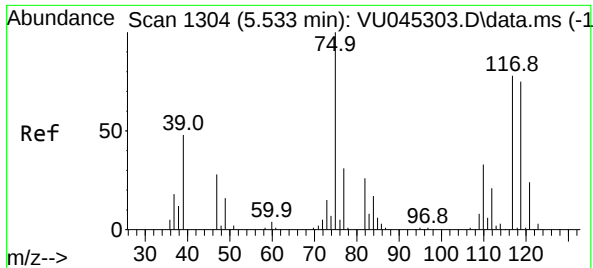


#28

1,1,1-Trichloroethane
Concen: 0.349 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 97 Resp: 6092
Ion Ratio Lower Upper
97 100
99 66.8 32.2 96.6
61 49.3 24.5 73.5

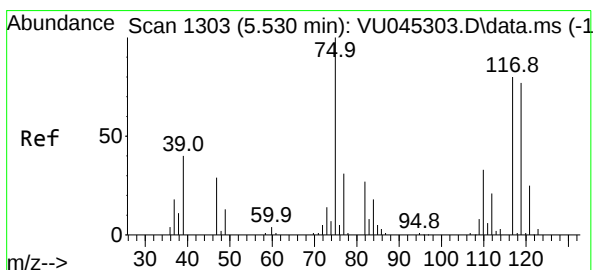
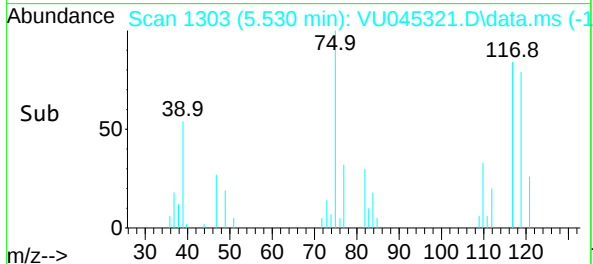
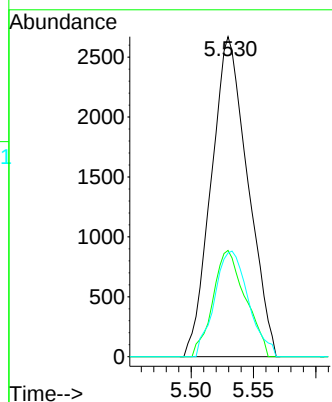
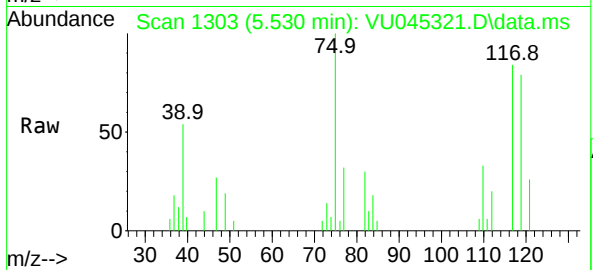




#29
1,1-Dichloropropene
Concen: 0.341 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

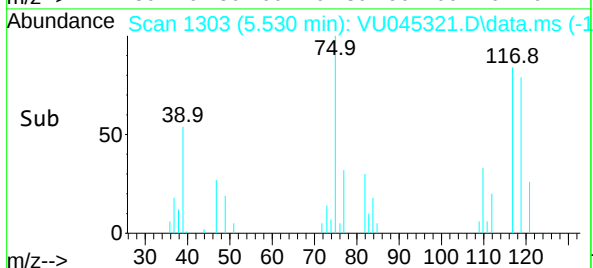
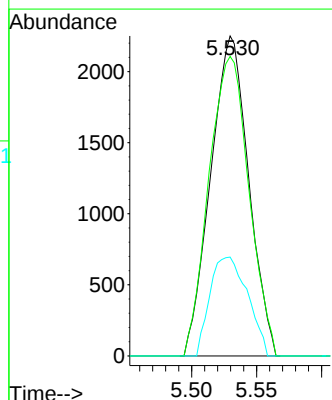
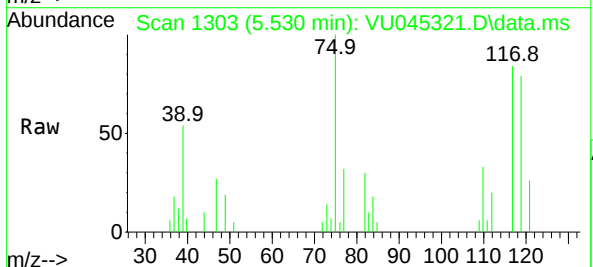
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

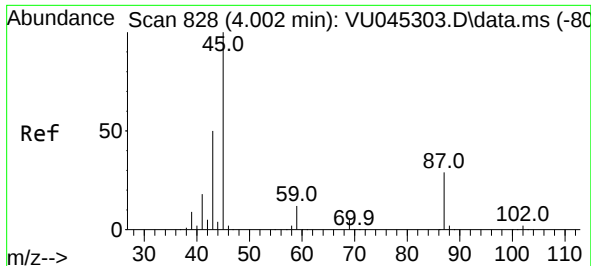
Tgt Ion:	75	Resp:	5435
Ion	Ratio	Lower	Upper
75	100		
110	29.8	16.8	50.3
77	30.8	24.7	37.1



#30
Carbon Tetrachloride
Concen: 0.338 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	117	Resp:	4572
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.8	115.2
121	30.9	24.6	37.0

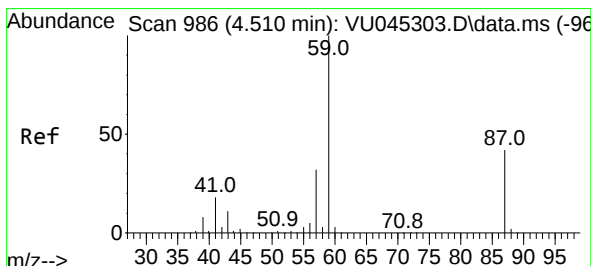
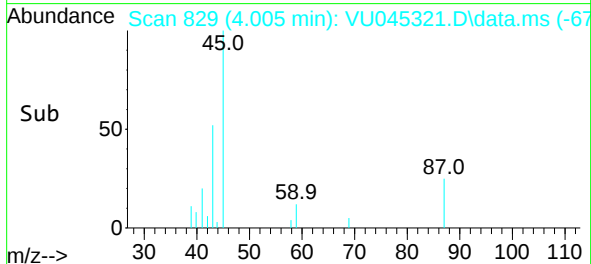
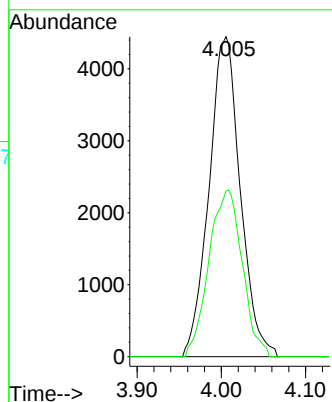
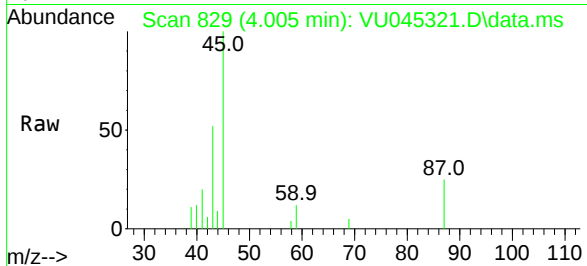




#31
Isopropyl Ether
Concen: 0.348 ug/l
RT: 4.005 min Scan# 829
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

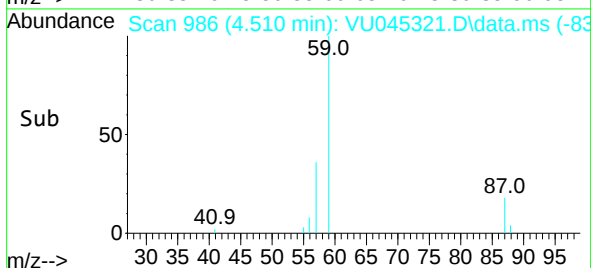
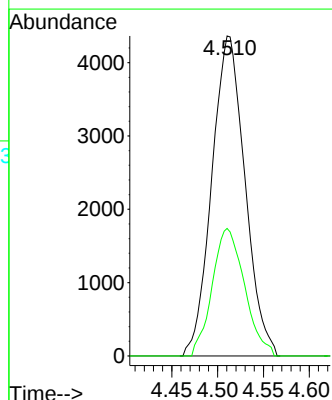
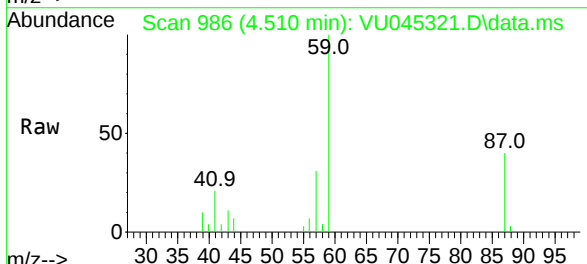
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

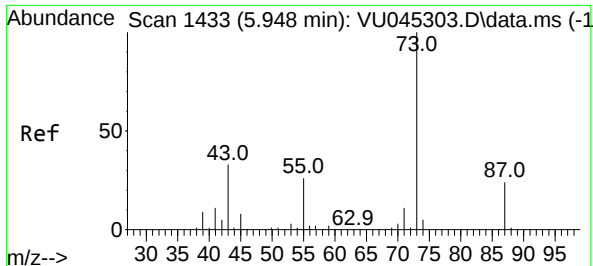
Tgt Ion: 45 Resp: 11473
Ion Ratio Lower Upper
45 100
43 55.5 25.3 75.8



#32
Ethyl-t-butyl ether
Concen: 0.331 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 59 Resp: 10977
Ion Ratio Lower Upper
59 100
87 38.8 32.7 49.1



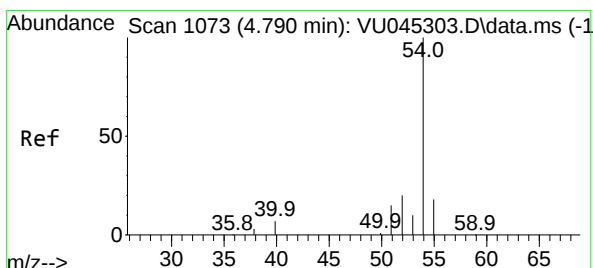
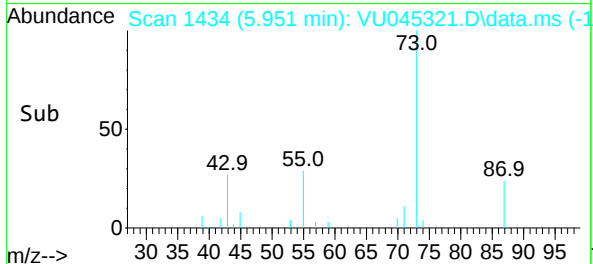
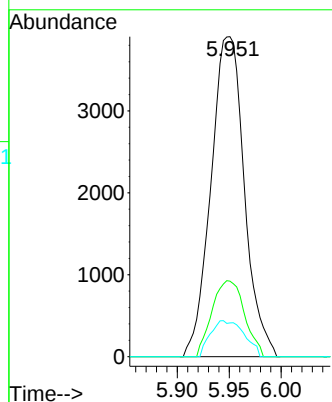
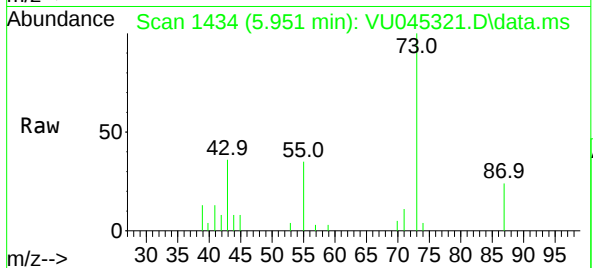


#33

Tert-Amyl methyl ether
Concen: 0.297 ug/l
RT: 5.951 min Scan# 1434
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

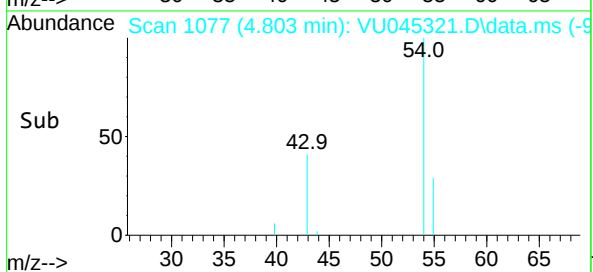
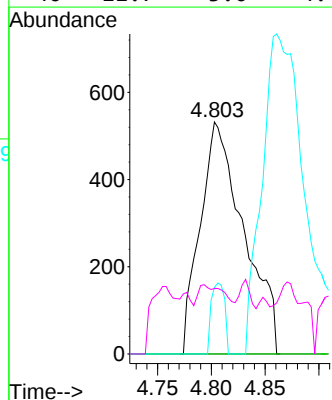
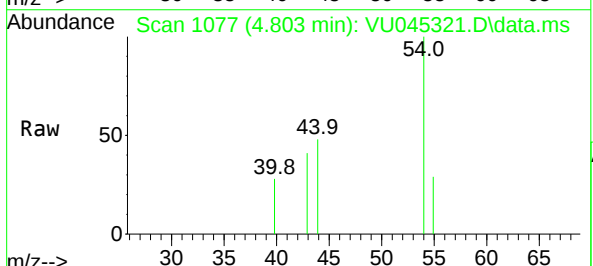
Tgt Ion: 73	Resp: 8737
Ion Ratio	Lower Upper
73 100	
87 23.1	18.6 28.0
71 11.4	9.0 13.6

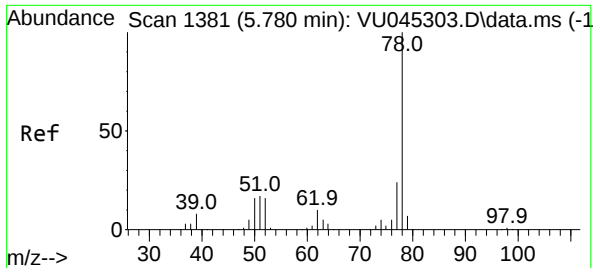


#34

Propionitrile
Concen: 1.509 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.013 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 54	Resp: 1500
Ion Ratio	Lower Upper
54 100	
52 0.0	11.9 17.9#
55 9.3	8.0 12.0
40 11.7	3.0 4.4#

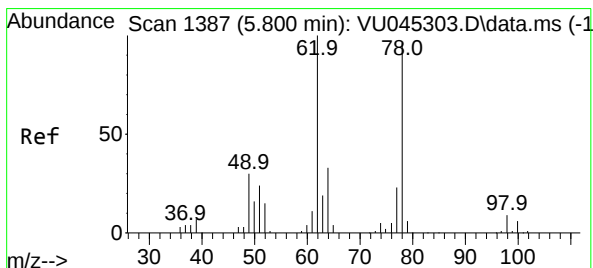
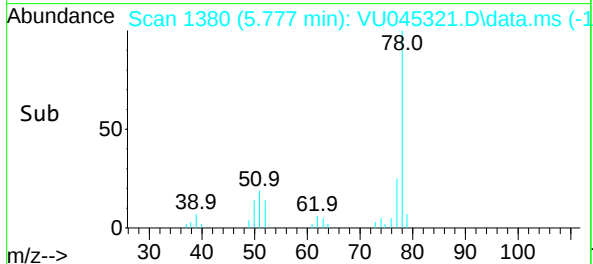
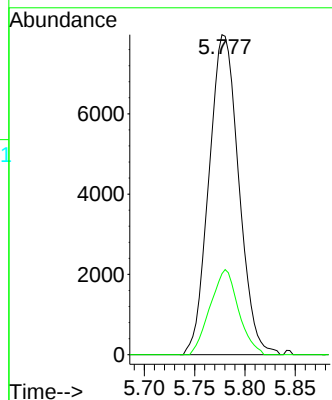
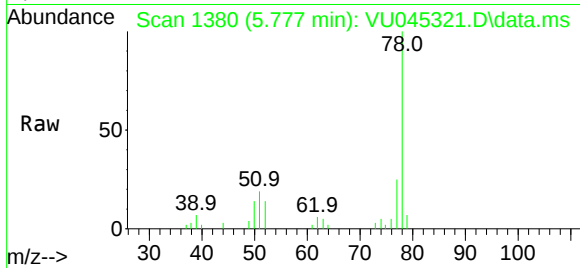




#35
Benzene
Concen: 0.356 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

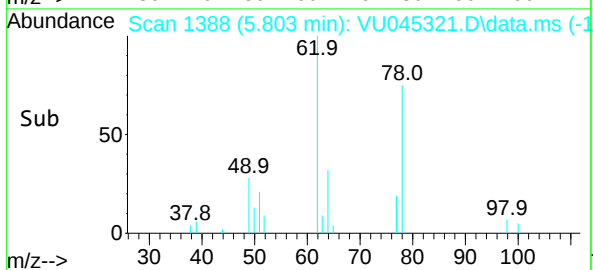
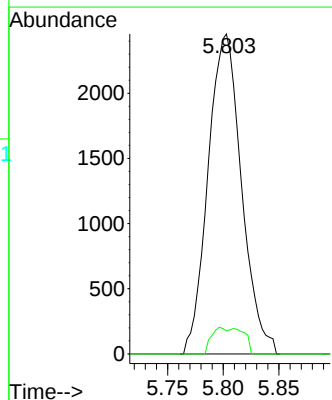
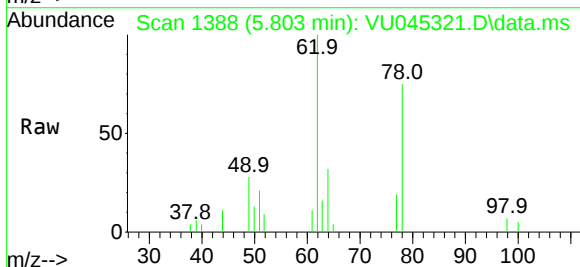
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

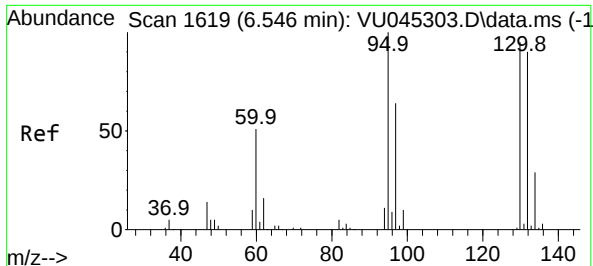
Tgt Ion: 78 Resp: 16445
Ion Ratio Lower Upper
78 100
77 25.3 19.1 28.7



#36
1,2-Dichloroethane
Concen: 0.349 ug/l
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 62 Resp: 5134
Ion Ratio Lower Upper
62 100
98 3.8 7.3 10.9#





#37

Trichloroethene

Concen: 0.365 ug/l

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

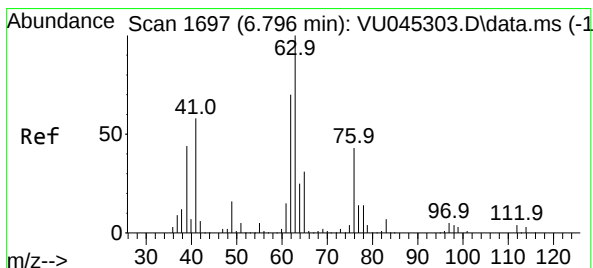
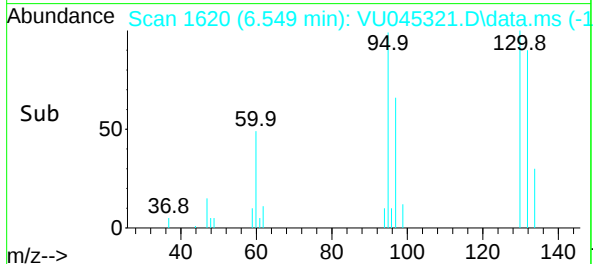
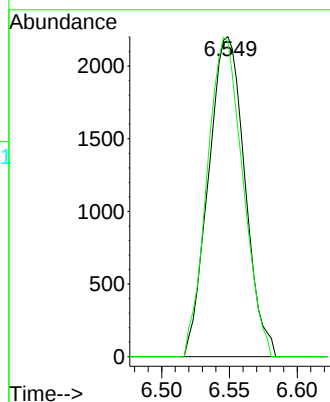
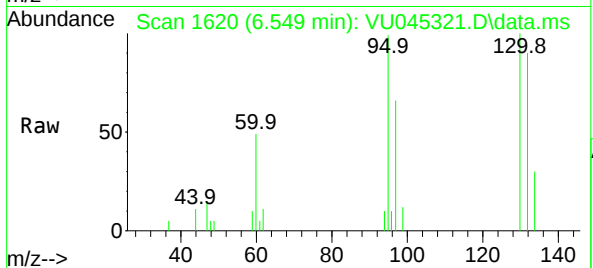
Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion:130 Resp: 4091

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
130	100		
95	98.5	83.8	125.8



#38

1,2-Dichloropropane

Concen: 0.359 ug/l

RT: 6.796 min Scan# 1697

Delta R.T. 0.000 min

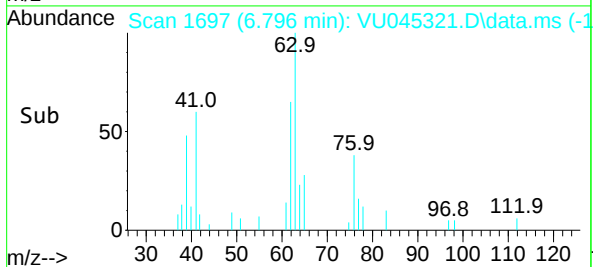
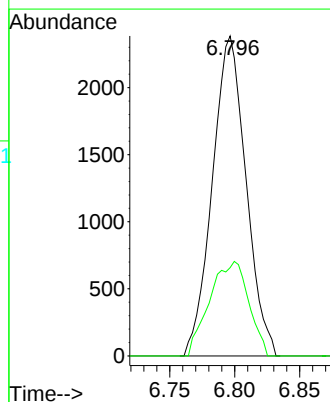
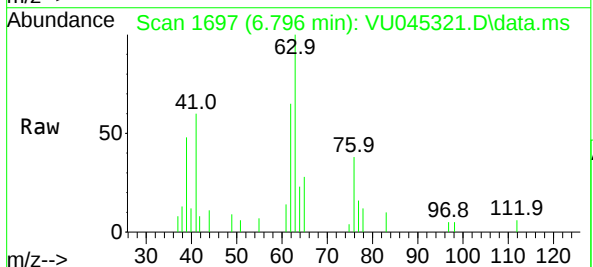
Lab File: VU045321.D

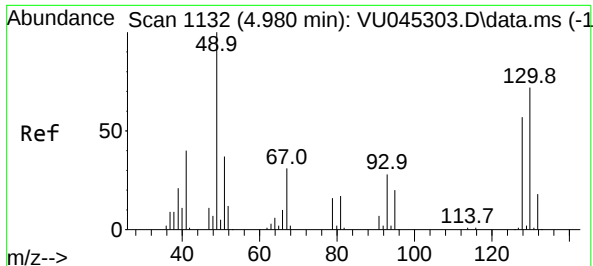
Acq: 15 Oct 2021 14:53

Tgt Ion: 63 Resp: 4296

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
63	100		
65	27.6	24.7	37.1





#39

Methacrylonitrile

Concen: 0.313 ug/l

RT: 4.989 min Scan# 1135

Delta R.T. 0.010 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion: 41 Resp: 1232

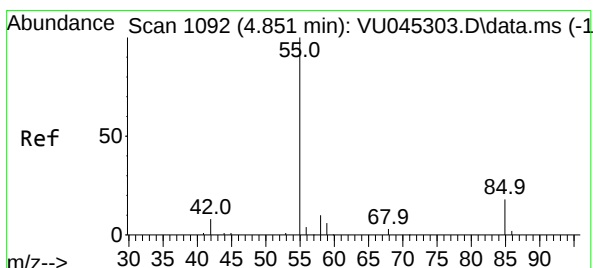
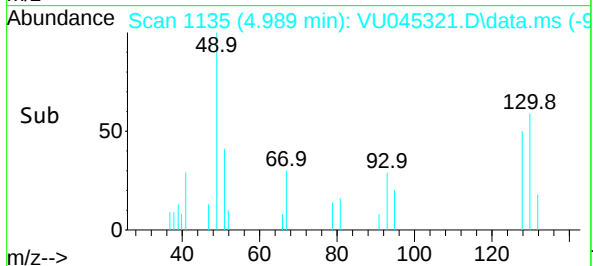
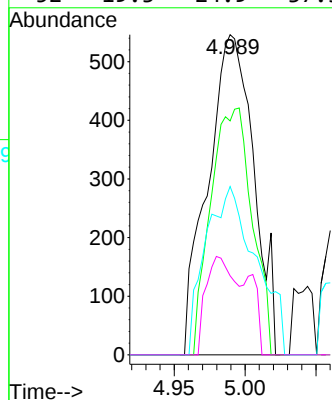
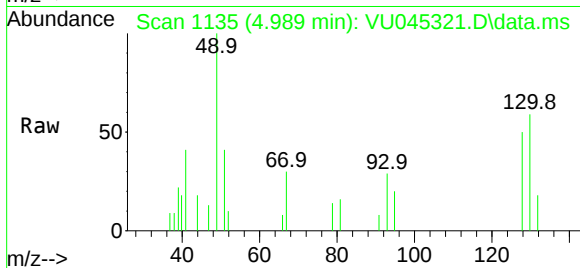
Ion Ratio Lower Upper

41 100

67 69.6 65.2 97.8

39 57.6 43.0 64.6

52 19.3 24.9 37.3#



#40

Methyl acrylate

Concen: 0.317 ug/l

RT: 4.861 min Scan# 1095

Delta R.T. 0.010 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion: 55 Resp: 2078

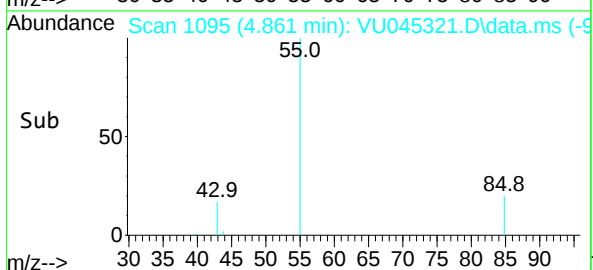
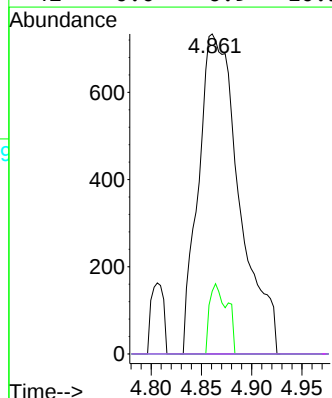
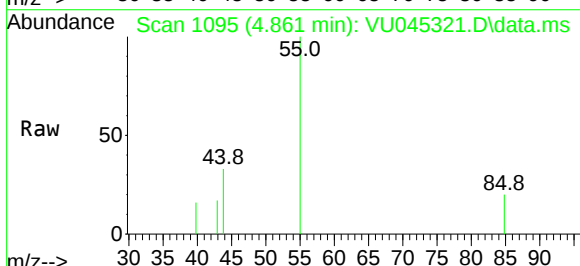
Ion Ratio Lower Upper

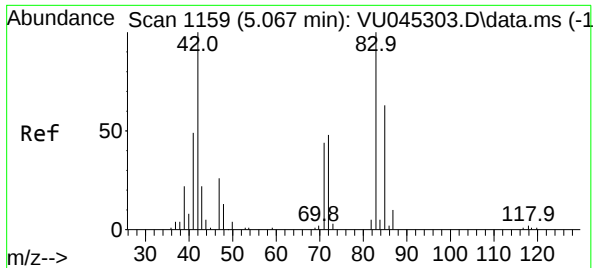
55 100

85 9.4 12.2 18.2#

58 0.0 6.7 10.1#

42 0.0 6.9 10.3#

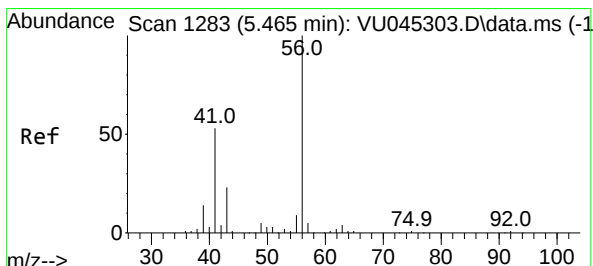
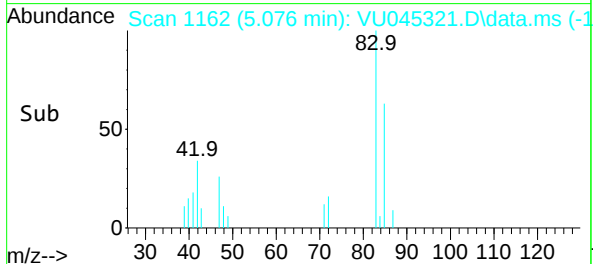
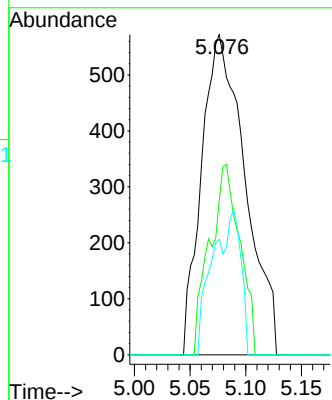
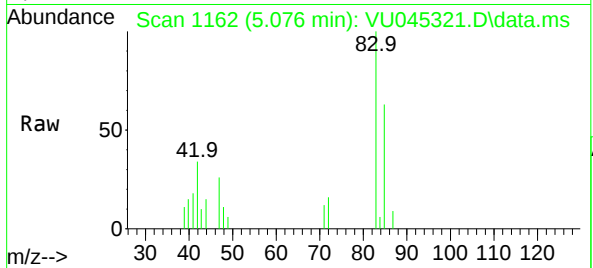




#41
Tetrahydrofuran
Concen: 0.693 ug/l
RT: 5.076 min Scan# 1162
Delta R.T. 0.010 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

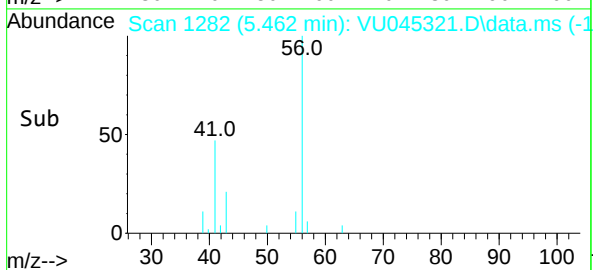
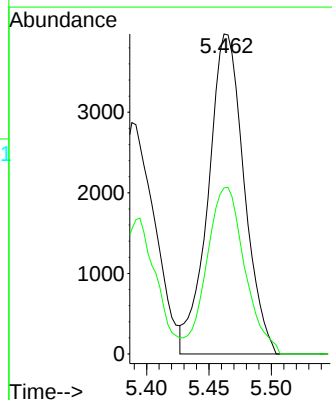
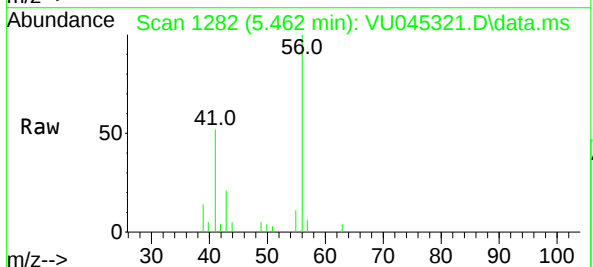
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

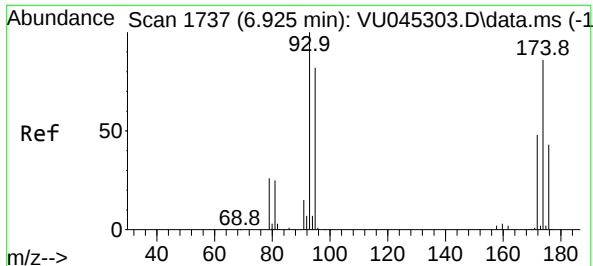
Tgt Ion: 42 Resp: 1560
Ion Ratio Lower Upper
42 100
72 0.0 42.4 63.6#
71 14.0 36.4 54.6#



#42
1-Chlorobutane
Concen: 0.346 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 56 Resp: 7932
Ion Ratio Lower Upper
56 100
41 55.0 26.0 78.0





#43

Dibromomethane

Concen: 0.325 ug/l

RT: 6.925 min Scan# 1737

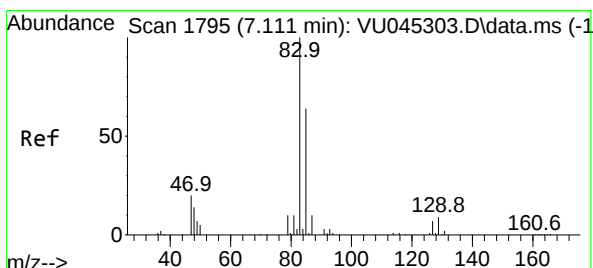
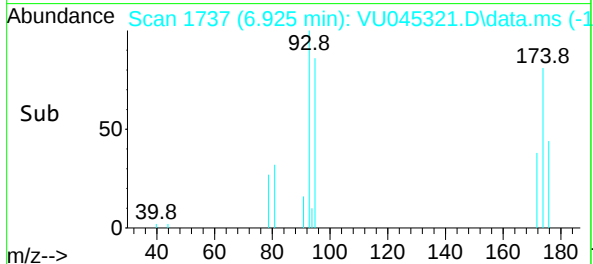
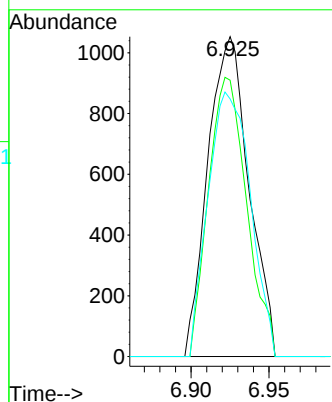
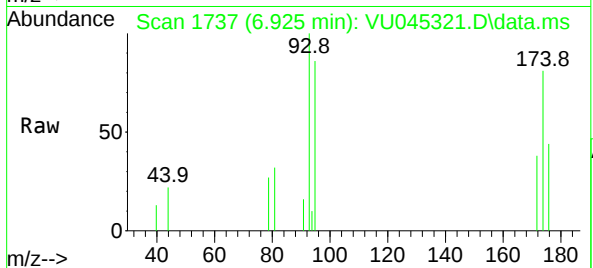
Delta R.T. 0.000 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion: 93 Resp: 1929

Ion	Ratio	Lower	Upper
93	100		
95	81.3	66.2	99.2
174	85.5	70.7	106.1



#44

Bromodichloromethane

Concen: 0.339 ug/l

RT: 7.111 min Scan# 1795

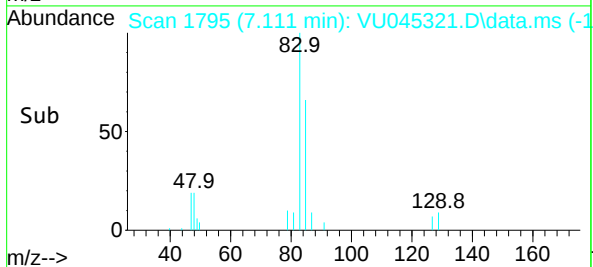
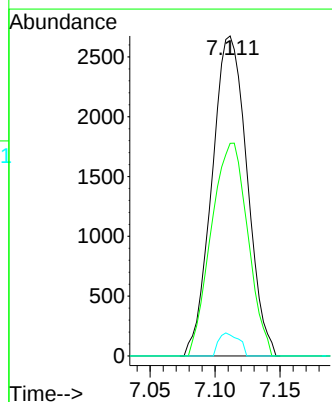
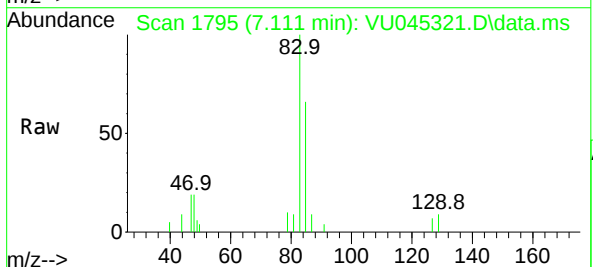
Delta R.T. 0.000 min

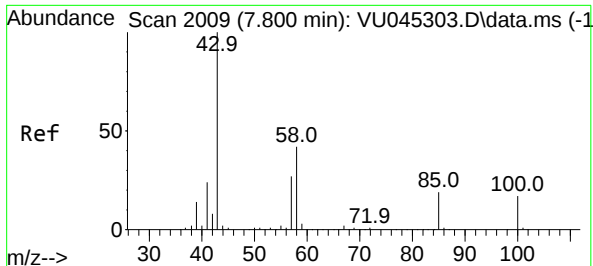
Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion: 83 Resp: 5026

Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.9	76.3
127	6.5	6.0	9.0

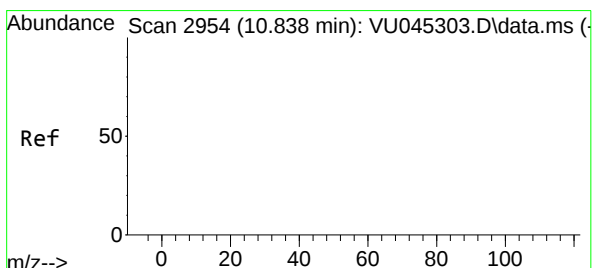
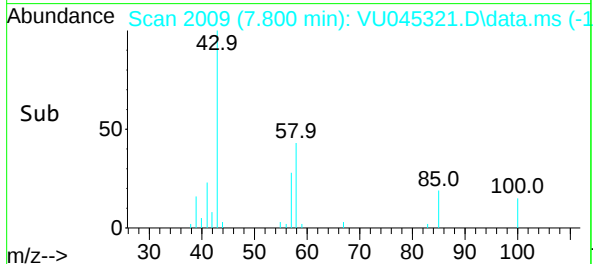
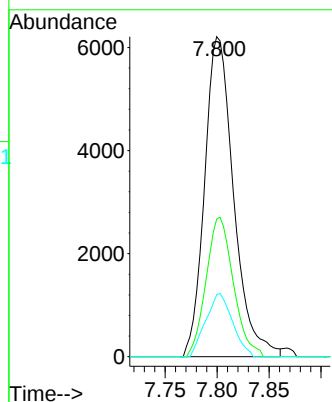
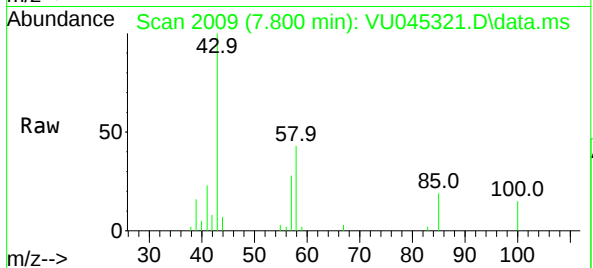




#45
4-Methyl-2-Pentanone
Concen: 1.490 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

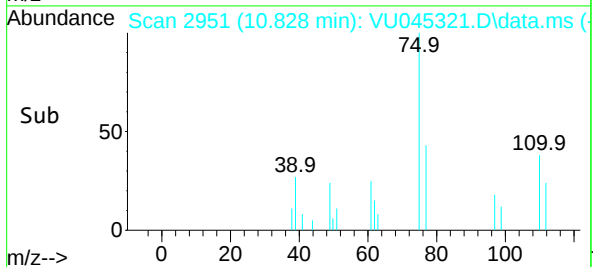
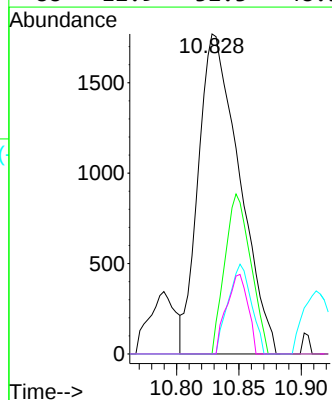
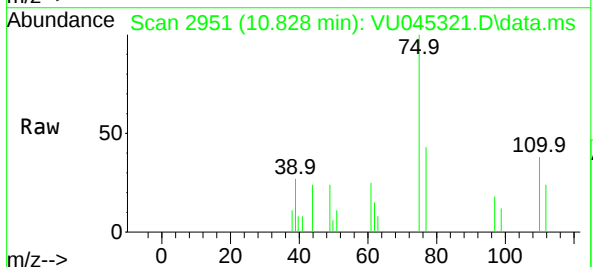
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

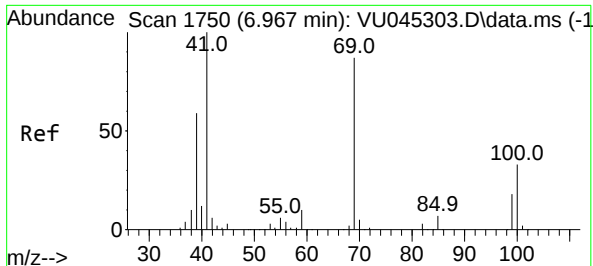
Tgt Ion: 43 Resp: 12089
Ion Ratio Lower Upper
43 100
58 40.8 21.0 63.0
85 18.1 14.8 22.2



#46
t-1,4-Dichloro-2-butene
Concen: 1.418 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. -0.010 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 75 Resp: 4050
Ion Ratio Lower Upper
75 100
53 31.5 66.8 100.2#
89 15.8 41.7 62.5#
88 12.9 32.3 48.5#





#47

Methyl methacrylate

Concen: 0.526 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. 0.003 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion: 69 Resp: 3168

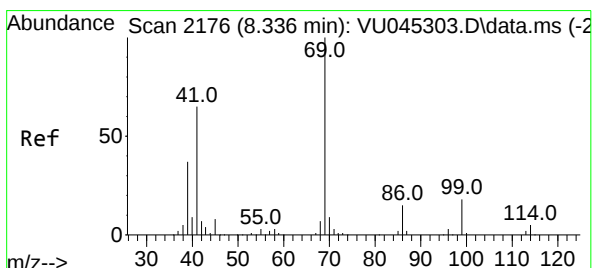
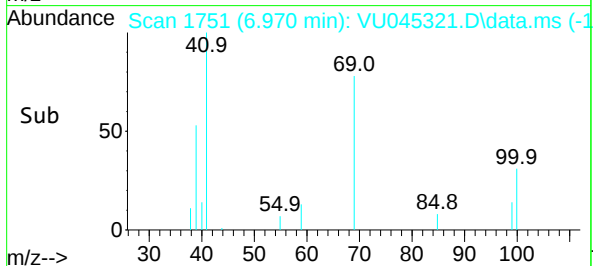
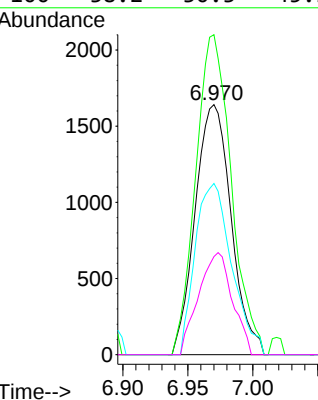
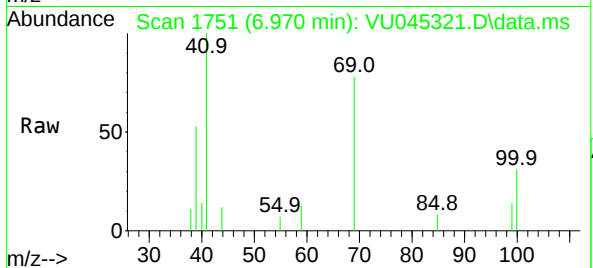
Ion Ratio Lower Upper

69 100

41 126.2 0.0 230.0

39 69.4 55.1 82.7

100 38.2 30.3 45.5



#48

Ethyl methacrylate

Concen: 0.282 ug/l

RT: 8.343 min Scan# 2178

Delta R.T. 0.006 min

Lab File: VU045321.D

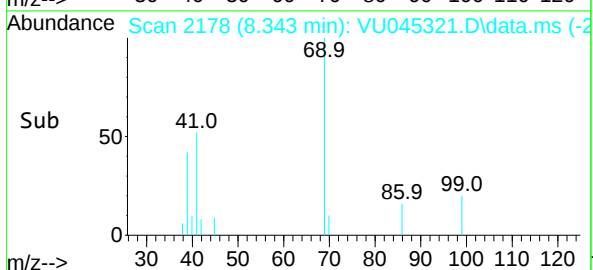
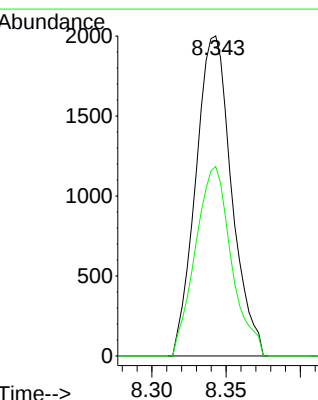
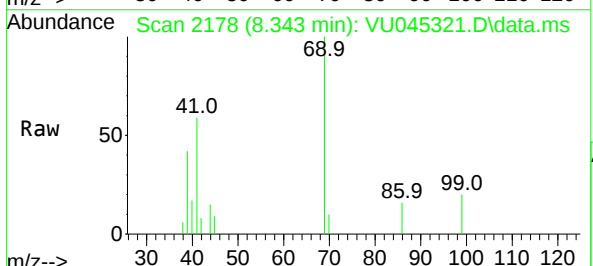
Acq: 15 Oct 2021 14:53

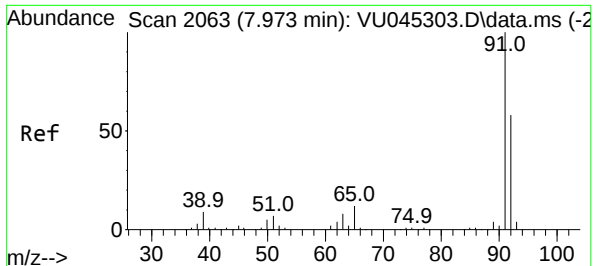
Tgt Ion: 69 Resp: 3352

Ion Ratio Lower Upper

69 100

41 59.5 32.6 98.0





#49

Toluene

Concen: 0.323 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion: 92 Resp: 9165

Ion Ratio Lower Upper

92 100

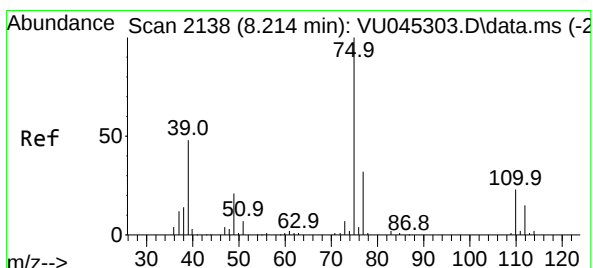
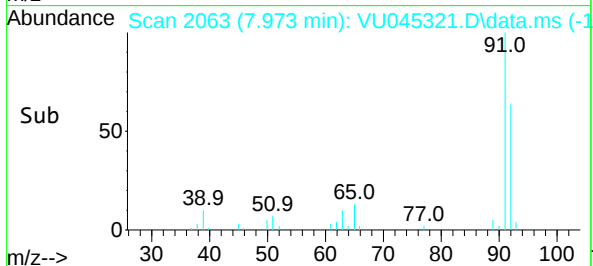
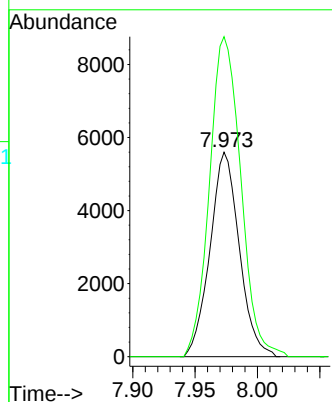
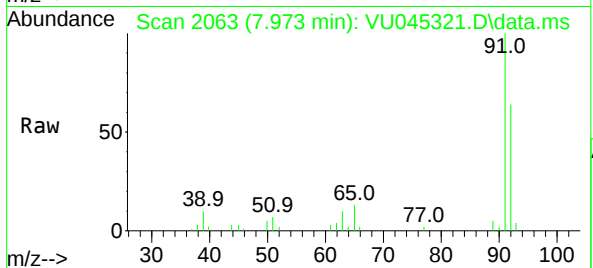
91 167.1 136.8 205.2

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2021



#50

t-1,3-Dichloropropene

Concen: 0.298 ug/l

RT: 8.218 min Scan# 2139

Delta R.T. 0.003 min

Lab File: VU045321.D

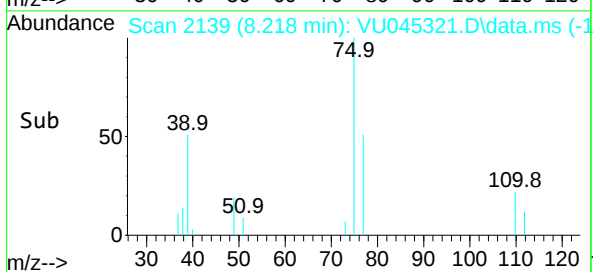
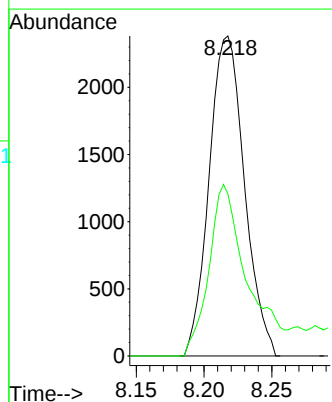
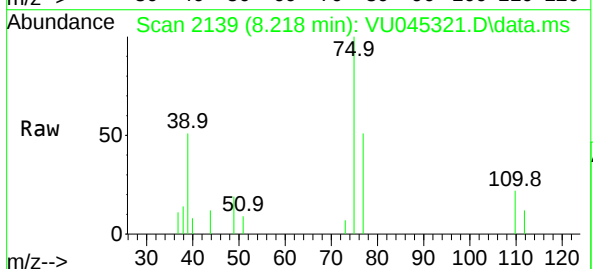
Acq: 15 Oct 2021 14:53

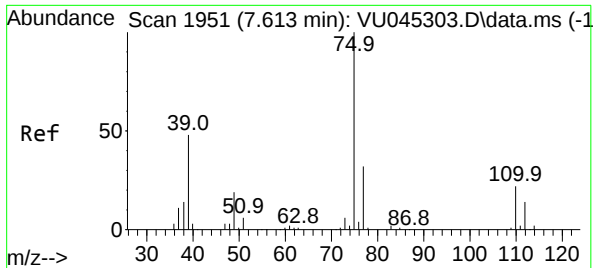
Tgt Ion: 75 Resp: 4318

Ion Ratio Lower Upper

75 100

77 50.7 25.6 38.4#

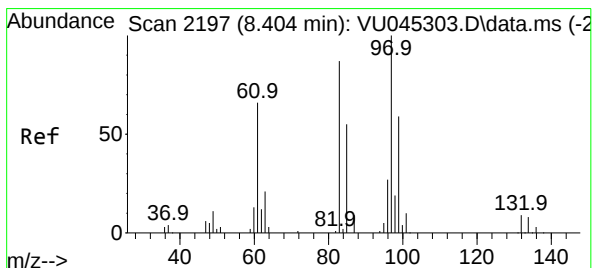
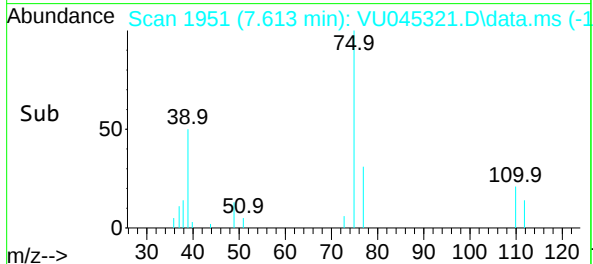
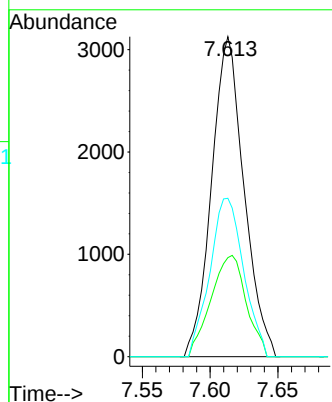
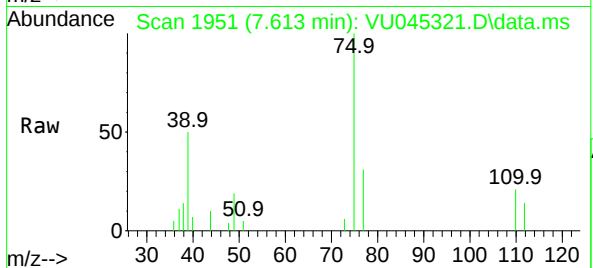




#51
 cis-1,3-Dichloropropene
 Concen: 0.306 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU045321.D
 Acq: 15 Oct 2021 14:53

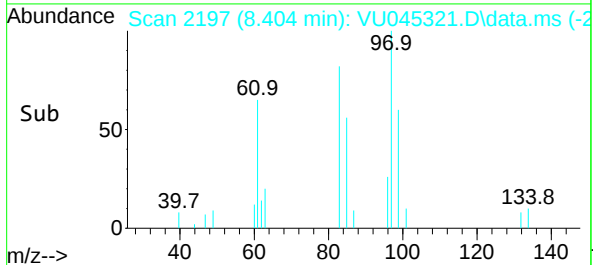
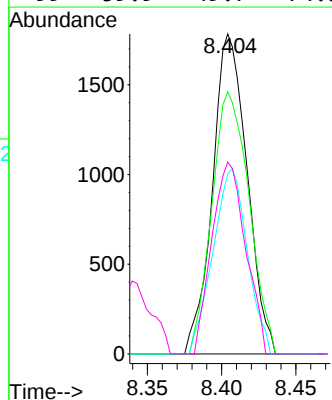
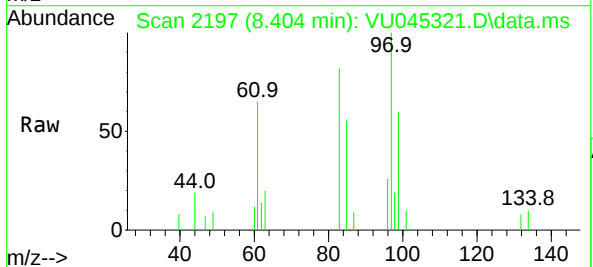
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2021

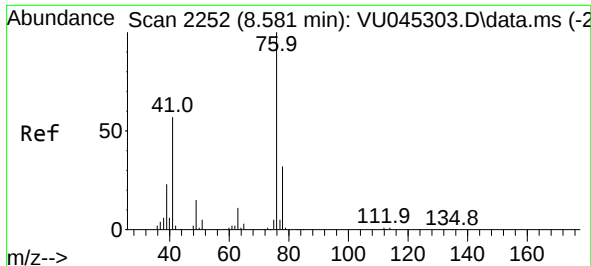
Tgt Ion:	75	Resp:	5192
Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.2	37.8
39	49.5	38.6	57.8



#52
 1,1,2-Trichloroethane
 Concen: 0.337 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU045321.D
 Acq: 15 Oct 2021 14:53

Tgt Ion:	97	Resp:	2883
Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.8	104.8
85	56.3	44.2	66.4
99	59.9	49.7	74.5

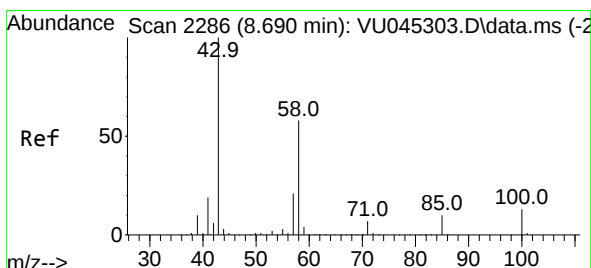
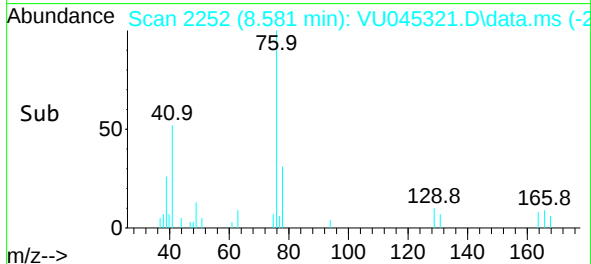
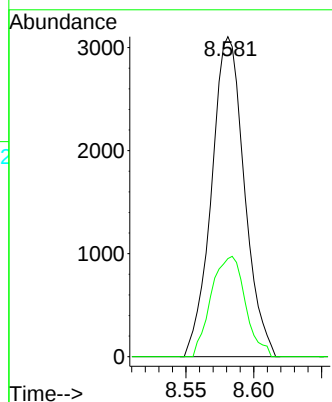
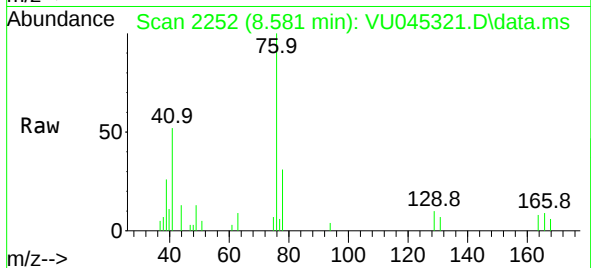




#53
1,3-Dichloropropane
Concen: 0.328 ug/l
RT: 8.581 min Scan# 2252
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

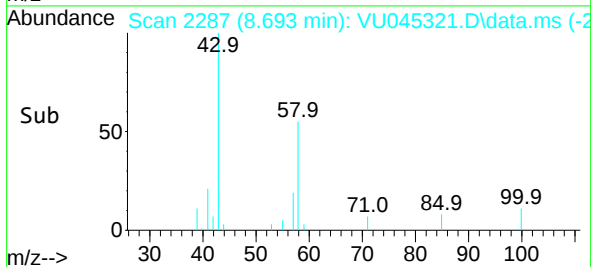
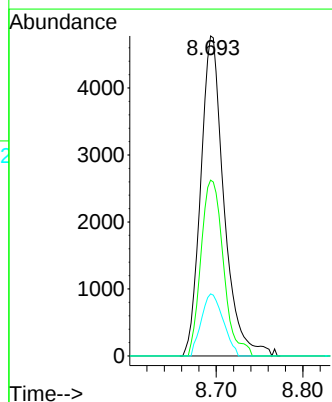
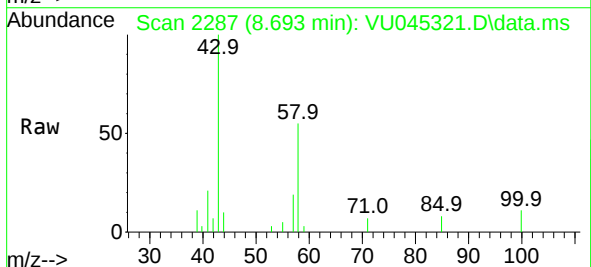
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

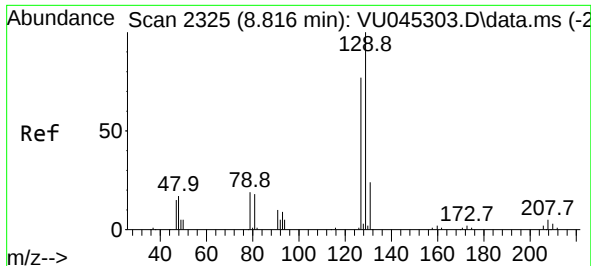
Tgt Ion: 76 Resp: 5233
Ion Ratio Lower Upper
76 100
78 32.5 25.4 38.2



#54
2-Hexanone
Concen: 1.420 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 43 Resp: 8899
Ion Ratio Lower Upper
43 100
58 53.1 37.7 77.7
57 18.2 0.5 40.5





#55

Dibromochloromethane

Concen: 0.304 ug/l

RT: 8.816 min Scan# 2325

Delta R.T. 0.000 min

Lab File: VU045321.D

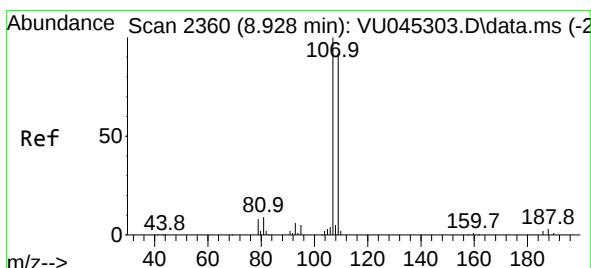
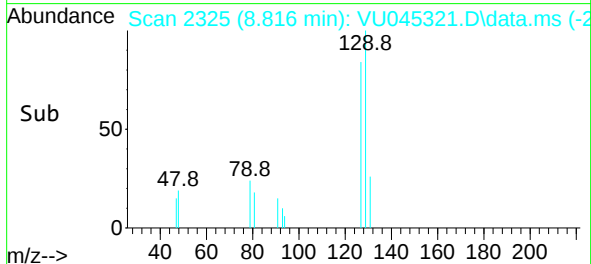
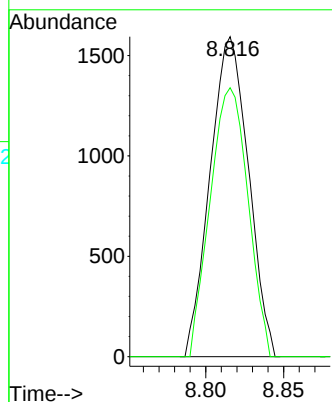
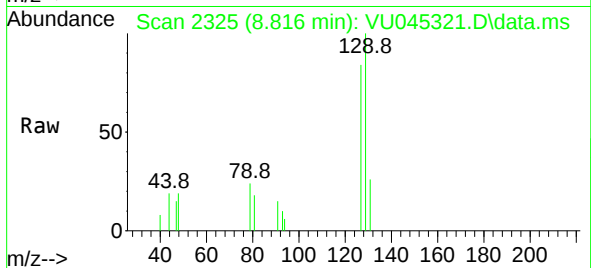
Acq: 15 Oct 2021 14:53

Tgt Ion:129 Resp: 2732

Ion Ratio Lower Upper

129 100

127 82.6 62.2 93.4



#56

1,2-Dibromoethane

Concen: 0.319 ug/l

RT: 8.928 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VU045321.D

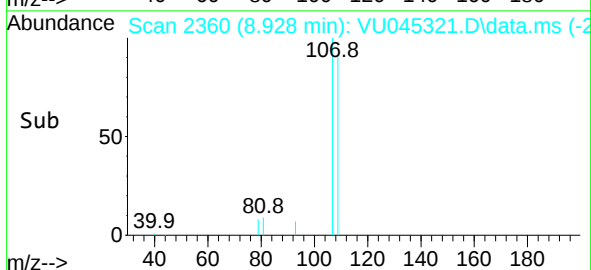
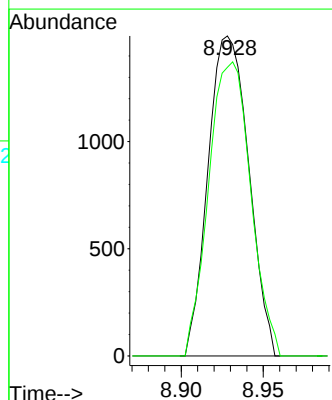
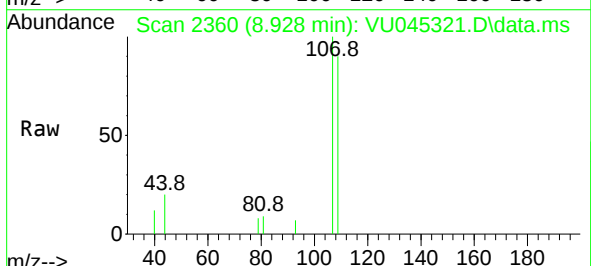
Acq: 15 Oct 2021 14:53

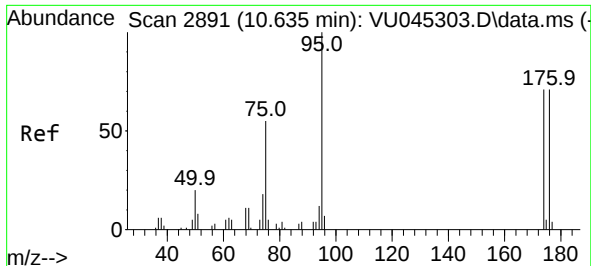
Tgt Ion:107 Resp: 2570

Ion Ratio Lower Upper

107 100

109 94.9 0.0 185.0

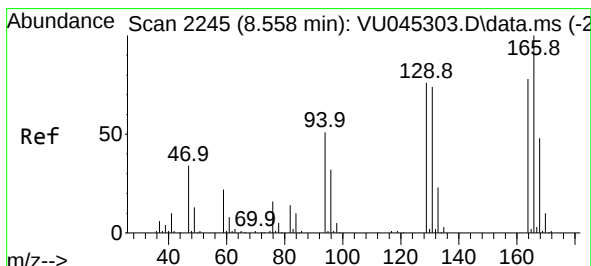
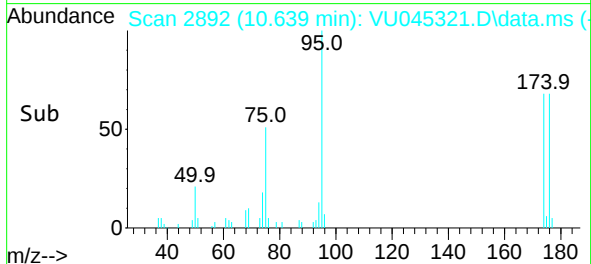
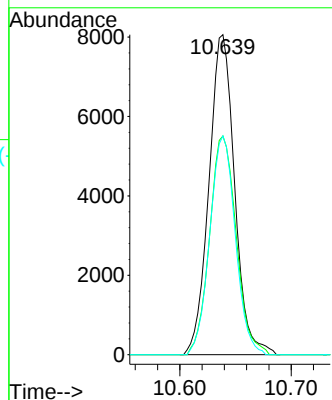
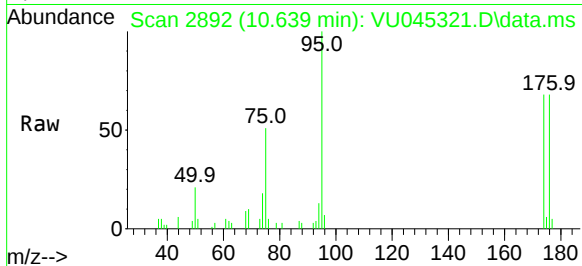




#57
4-Bromofluorobenzene
Concen: 0.885 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

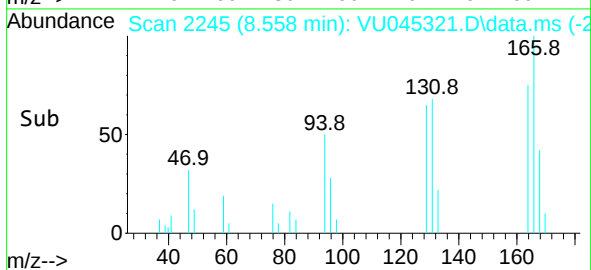
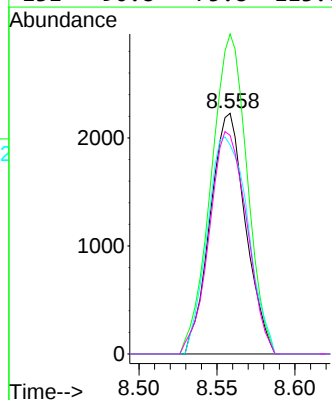
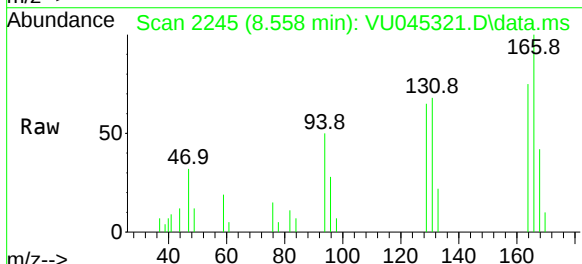
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

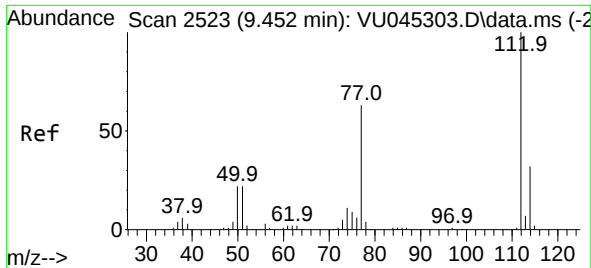
Tgt Ion: 95 Resp: 12909
Ion Ratio Lower Upper
95 100
174 70.8 56.6 84.8
176 68.0 54.3 81.5



#58
Tetrachloroethene
Concen: 0.349 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 164 Resp: 3529
Ion Ratio Lower Upper
164 100
166 132.9 102.0 153.0
129 86.8 77.1 115.7
131 90.8 75.8 113.6

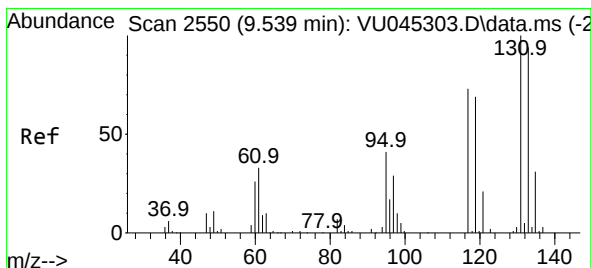
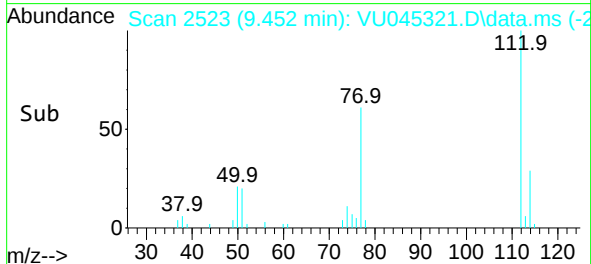
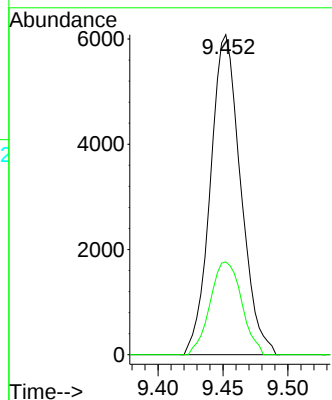
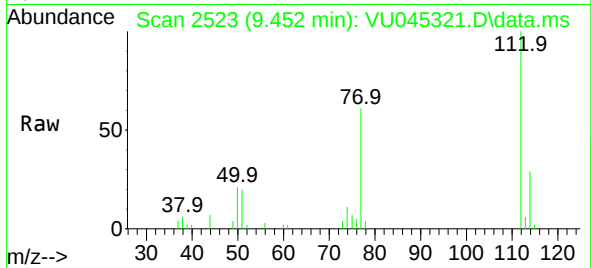




#59
Chlorobenzene
Concen: 0.335 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

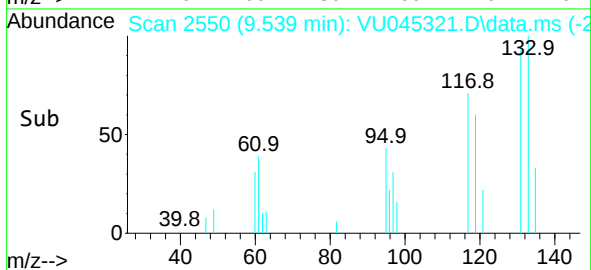
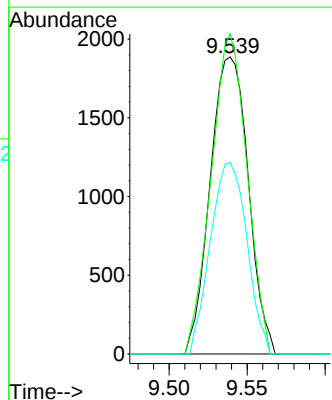
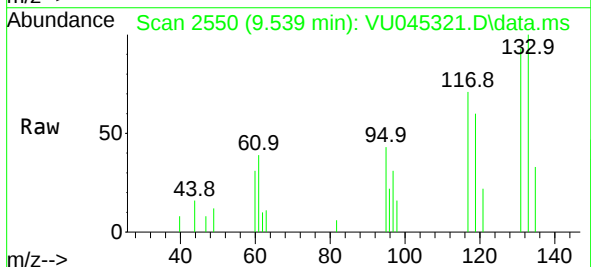
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

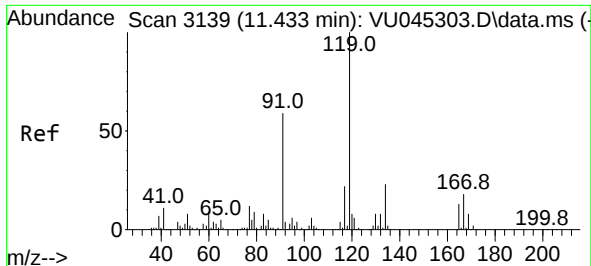
Tgt Ion:112 Resp: 9844
Ion Ratio Lower Upper
112 100
114 29.0 25.4 38.0



#60
1,1,1,2-Tetrachloroethane
Concen: 0.328 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:131 Resp: 3213
Ion Ratio Lower Upper
131 100
133 101.1 76.0 114.0
119 61.7 54.9 82.3

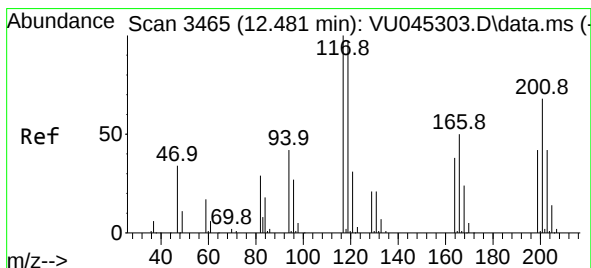
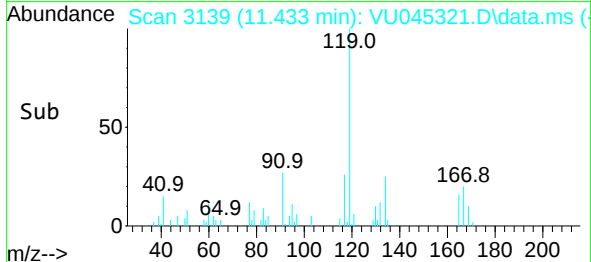
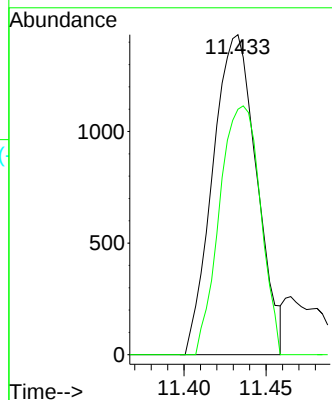
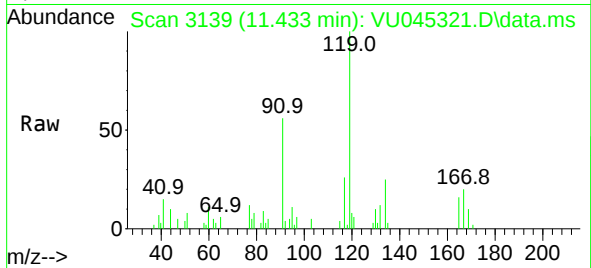




#61
Pentachloroethane
Concen: 0.375 ug/l
RT: 11.433 min Scan# 3139
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

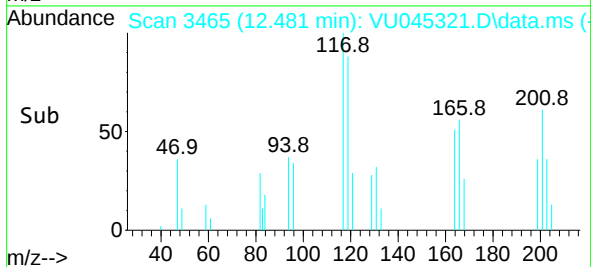
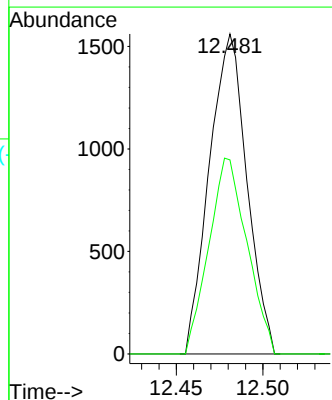
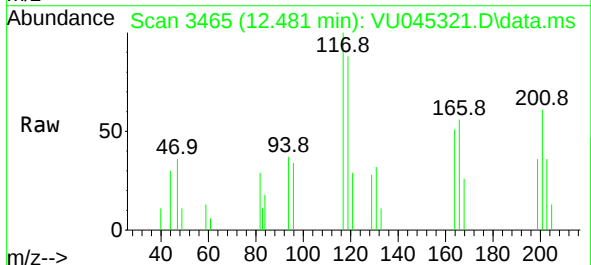
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

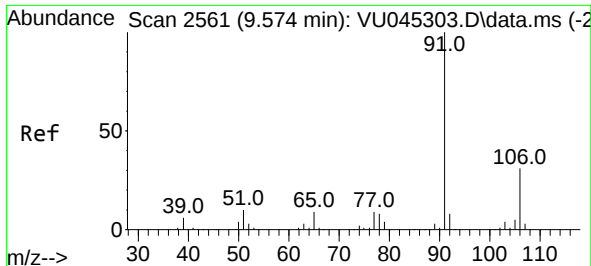
Tgt Ion:117 Resp: 2670
Ion Ratio Lower Upper
117 100
167 72.0 59.7 89.5



#62
Hexachloroethane
Concen: 0.315 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:117 Resp: 2354
Ion Ratio Lower Upper
117 100
201 62.3 53.6 80.4

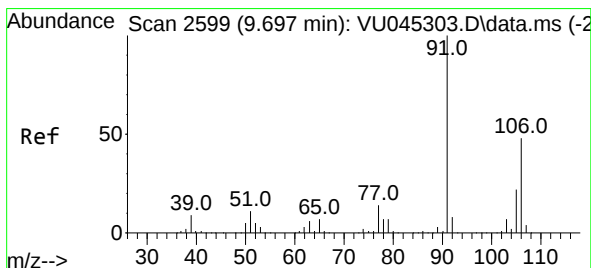
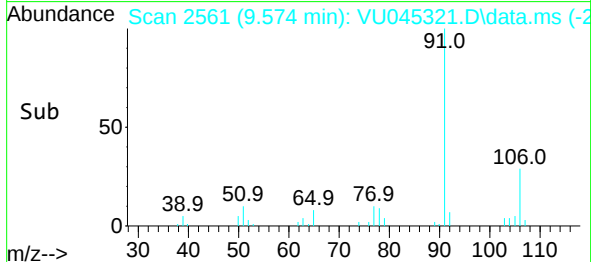
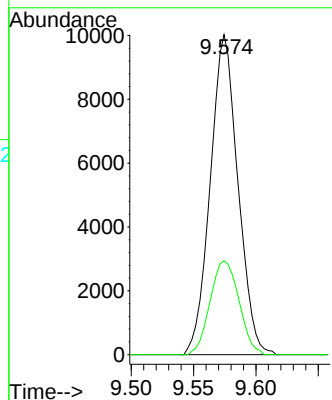
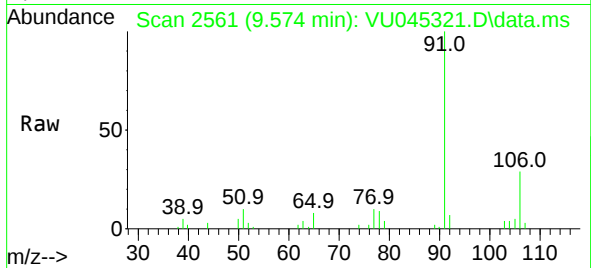




#63
Ethyl Benzene
Concen: 0.293 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

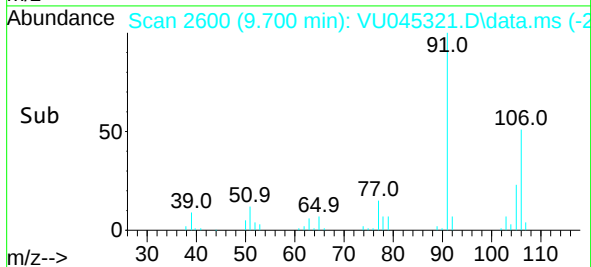
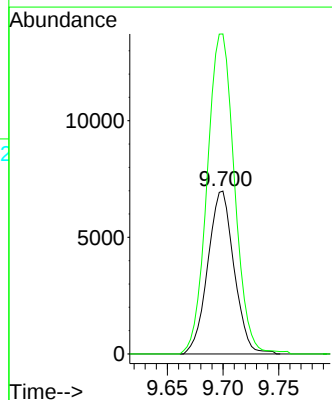
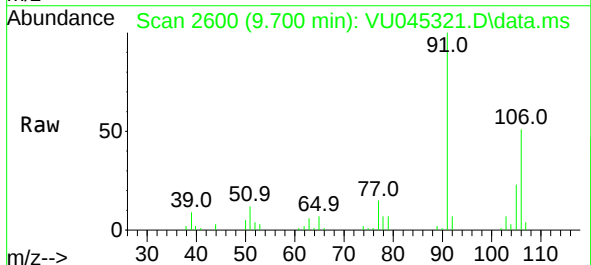
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

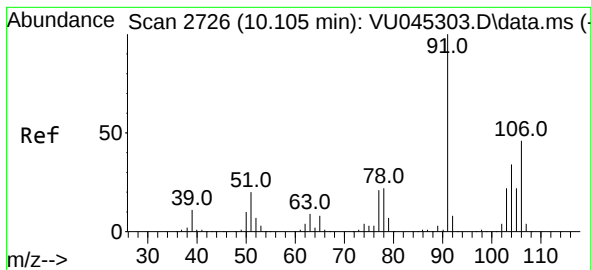
Tgt Ion: 91 Resp: 15503
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6



#64
m/p-Xylenes
Concen: 0.572 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 106 Resp: 11465
Ion Ratio Lower Upper
106 100
91 204.3 165.5 248.3

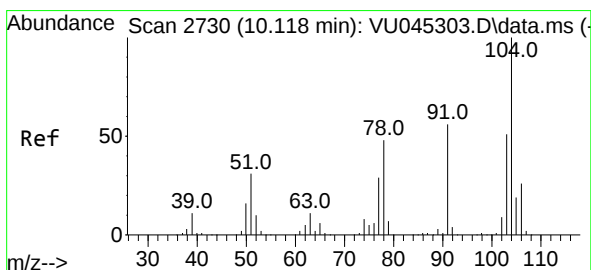
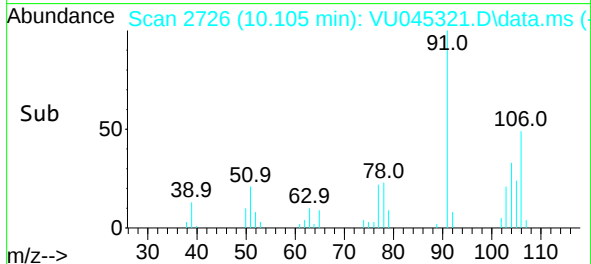
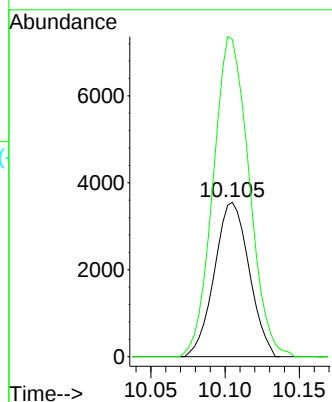
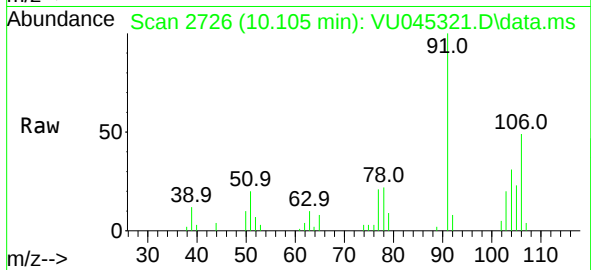




#65
o-Xylene
Concen: 0.295 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

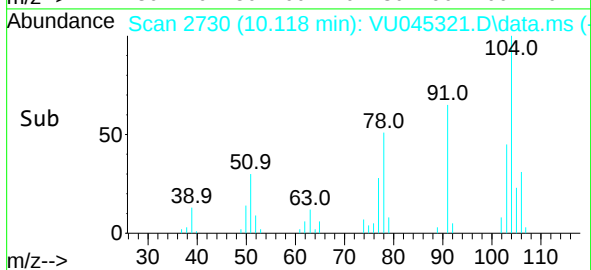
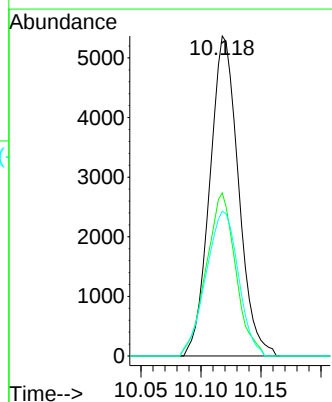
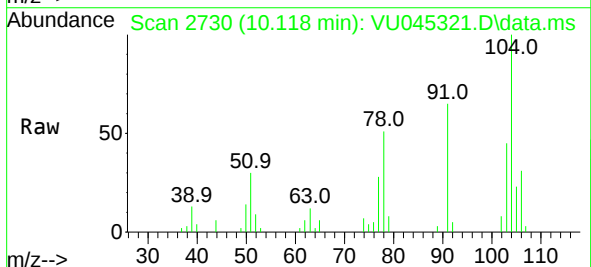
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

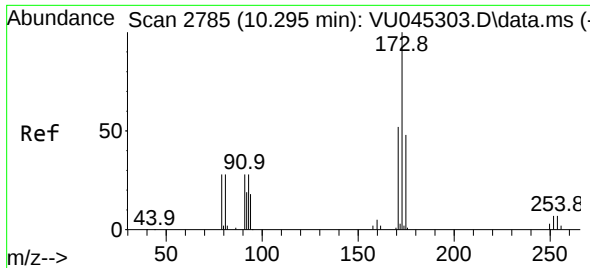
Tgt Ion:106 Resp: 5775
Ion Ratio Lower Upper
106 100
91 214.2 109.4 328.2



#66
Styrene
Concen: 0.279 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:104 Resp: 8941
Ion Ratio Lower Upper
104 100
78 52.1 42.4 63.6
103 50.9 44.2 66.4

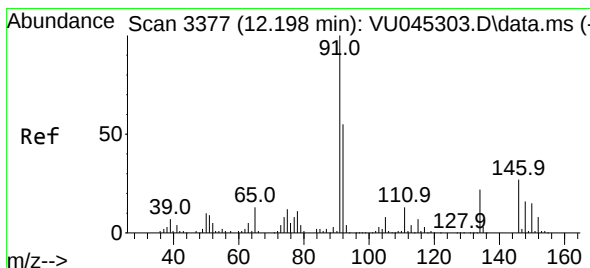
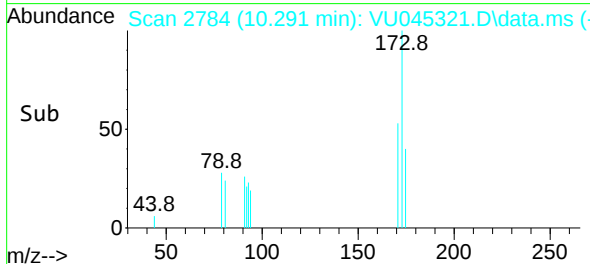
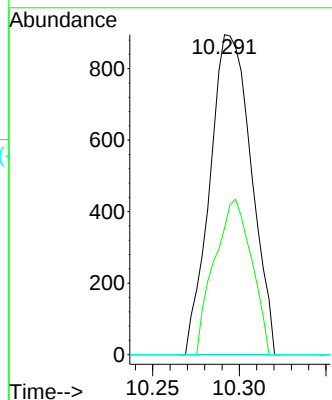
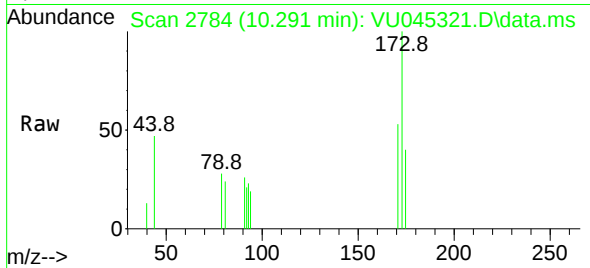




#67
Bromoform
Concen: 0.315 ug/l
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

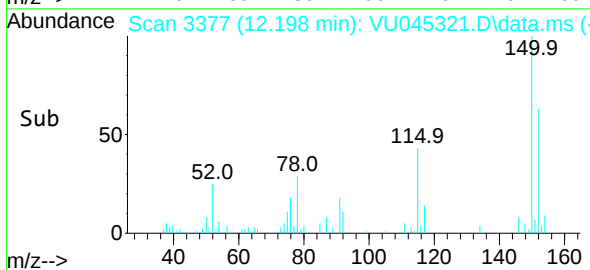
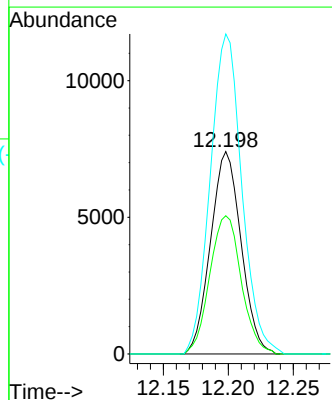
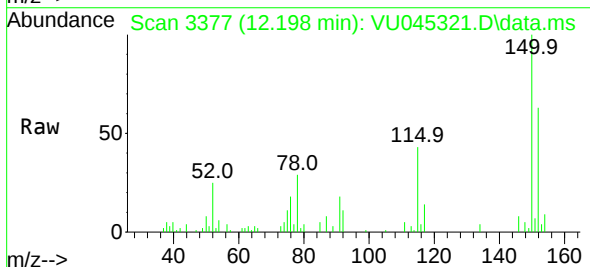
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

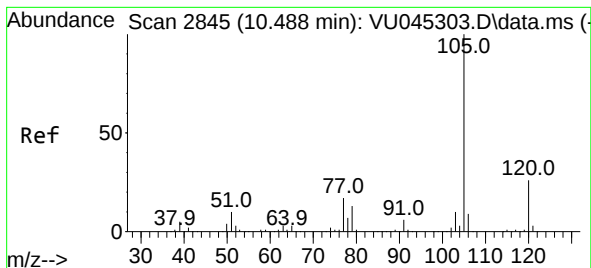
Tgt Ion:173 Resp: 1484
Ion Ratio Lower Upper
173 100
175 43.5 39.0 58.4
254 0.0 5.5 8.3#



#68
1,2-Dichlorobenzene-d4
Concen: 0.887 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:152 Resp: 12109
Ion Ratio Lower Upper
152 100
115 70.4 0.0 251.0
150 162.9 0.0 613.8





#69

Isopropylbenzene

Concen: 0.279 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU045321.D

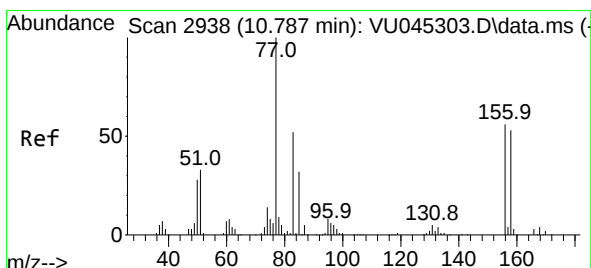
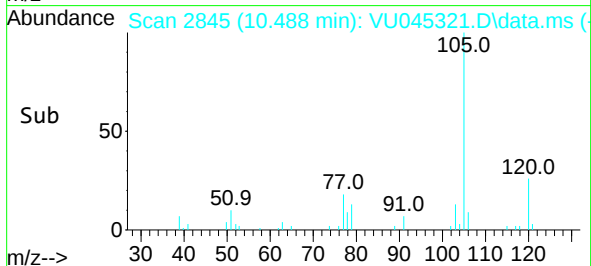
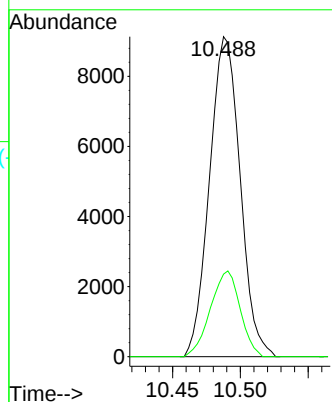
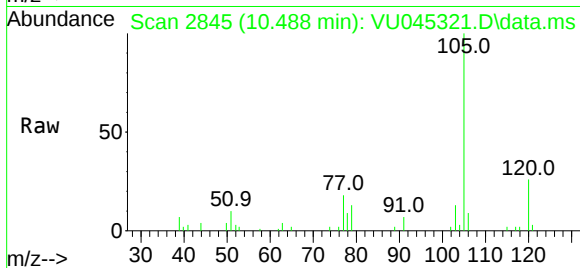
Acq: 15 Oct 2021 14:53

Tgt Ion:105 Resp: 14347

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.323 ug/l

RT: 10.787 min Scan# 2938

Delta R.T. 0.000 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

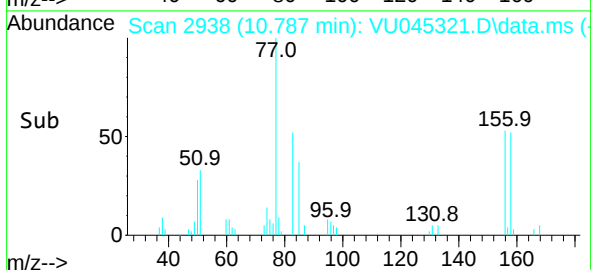
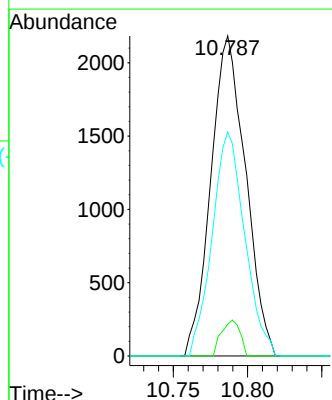
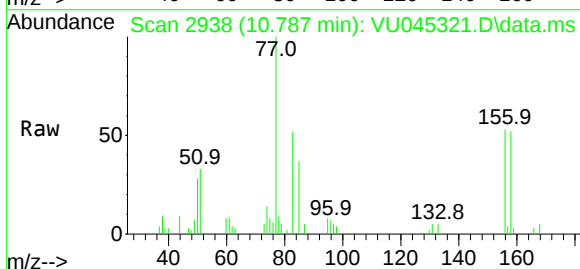
Tgt Ion: 83 Resp: 3553

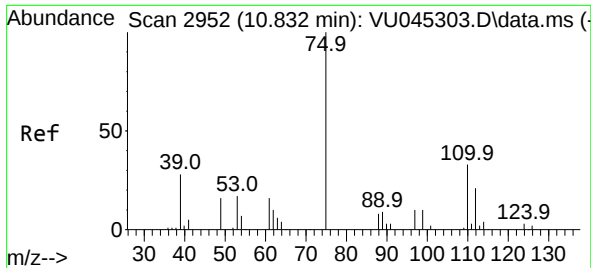
Ion Ratio Lower Upper

83 100

131 6.0 7.6 11.4#

85 65.6 50.9 76.3

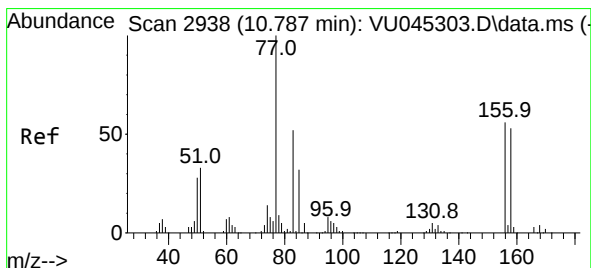
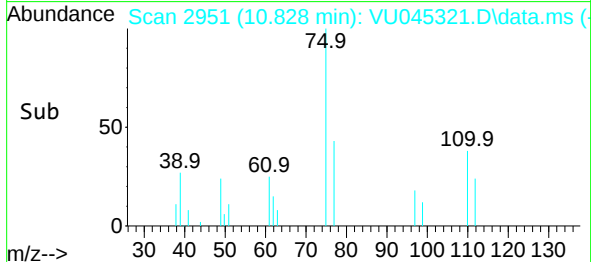
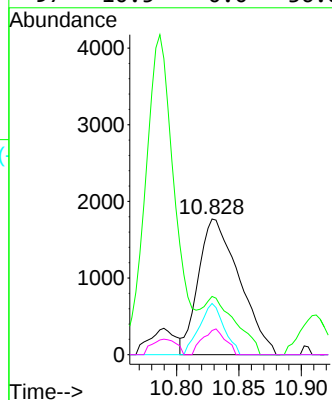
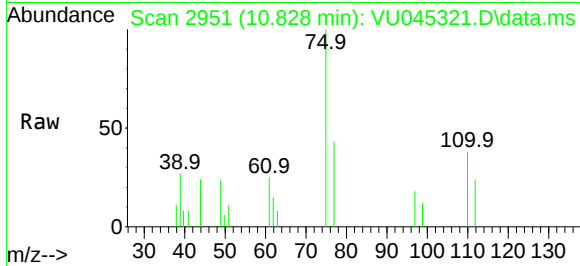




#71
1,2,3-Trichloropropane
Concen: 0.447 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

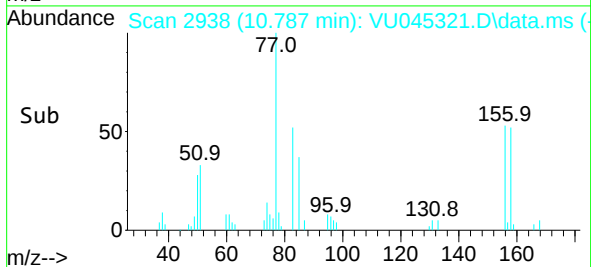
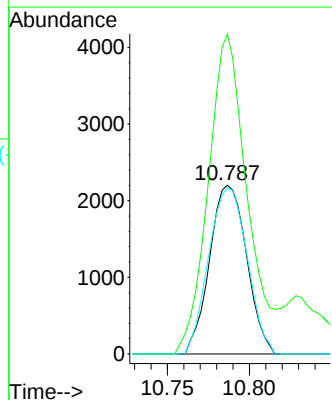
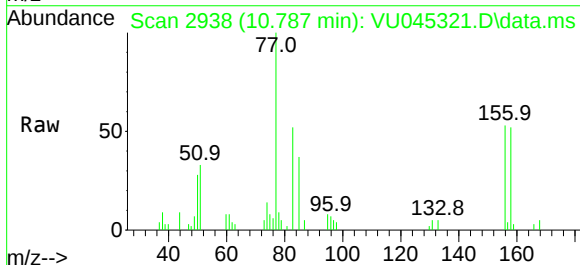
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

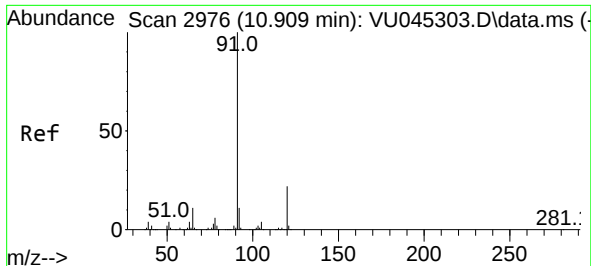
Tgt Ion:	75	Resp:	4050
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	105.6
110	22.5	0.0	71.2
97	10.5	0.0	36.8



#72
Bromobenzene
Concen: 0.303 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	156	Resp:	3448
Ion	Ratio	Lower	Upper
156	100		
77	197.2	0.0	370.6
158	102.4	0.0	193.4

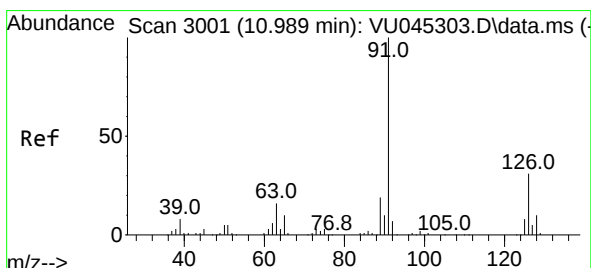
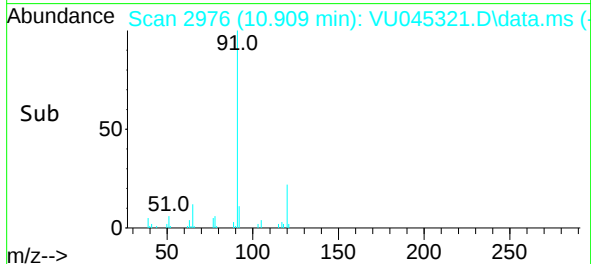
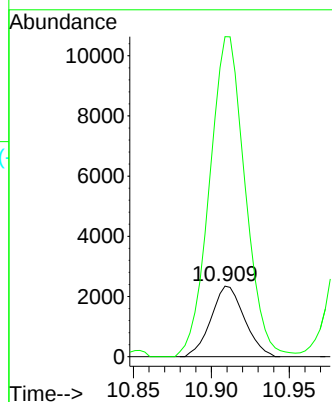
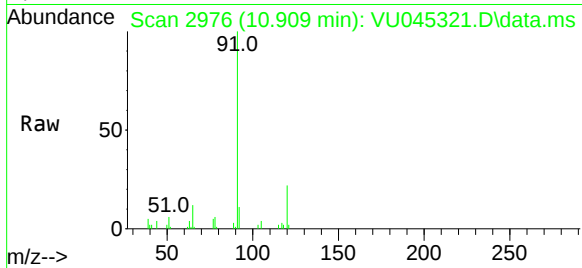




#73
n-propylbenzene
Concen: 0.259 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

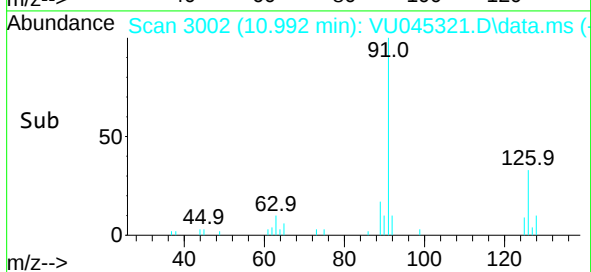
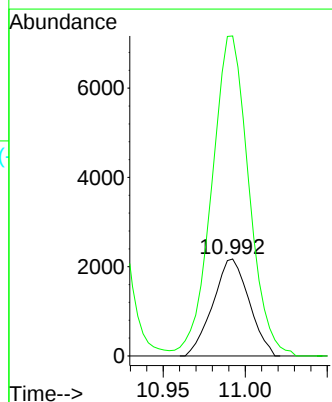
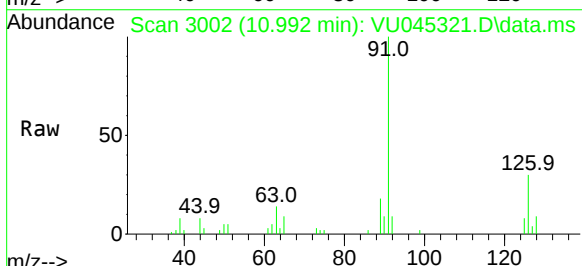
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

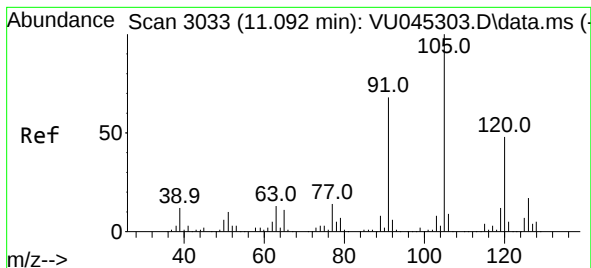
Tgt Ion:120 Resp: 3487
Ion Ratio Lower Upper
120 100
91 483.3 370.7 556.1



#74
2-Chlorotoluene
Concen: 0.286 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:126 Resp: 3325
Ion Ratio Lower Upper
126 100
91 338.6 0.0 639.6

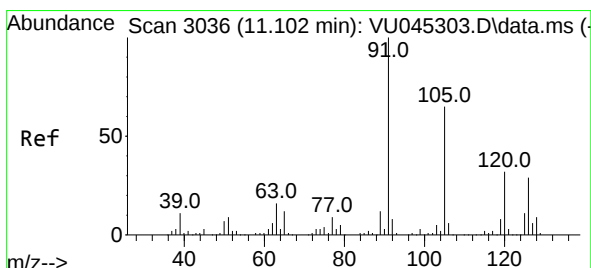
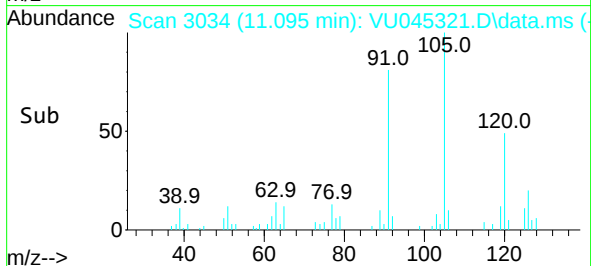
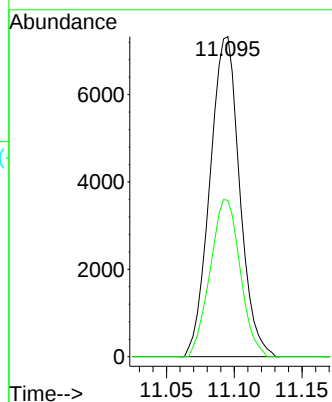
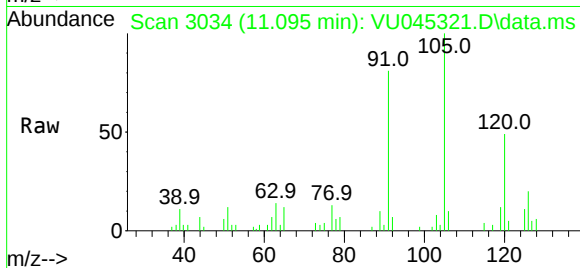




#75
1,3,5-Trimethylbenzene
Concen: 0.260 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

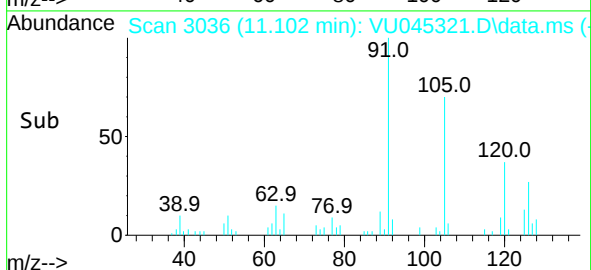
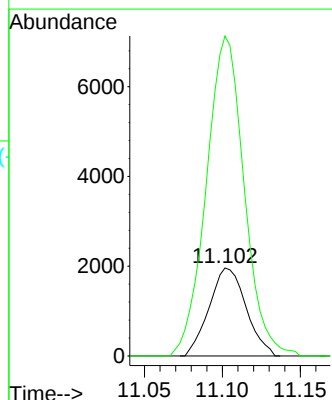
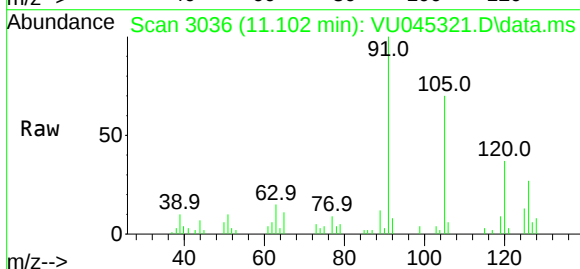
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

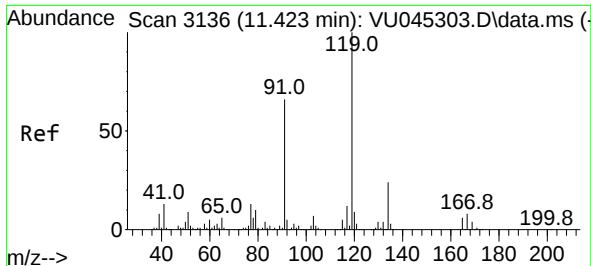
Tgt Ion:105 Resp: 11165
Ion Ratio Lower Upper
105 100
120 49.5 38.6 58.0



#76
4-Chlorotoluene
Concen: 0.272 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:126 Resp: 3235
Ion Ratio Lower Upper
126 100
91 372.6 0.0 728.0

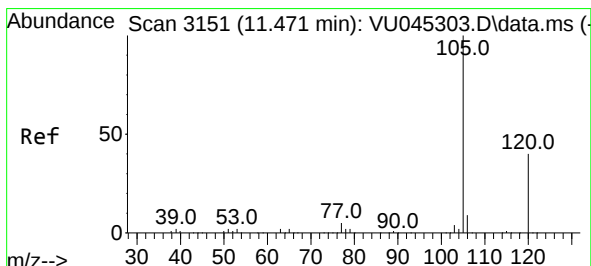
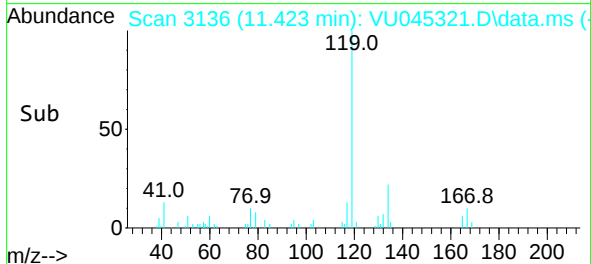
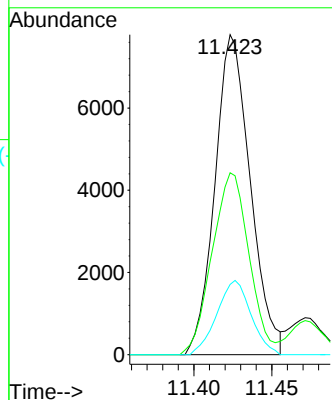
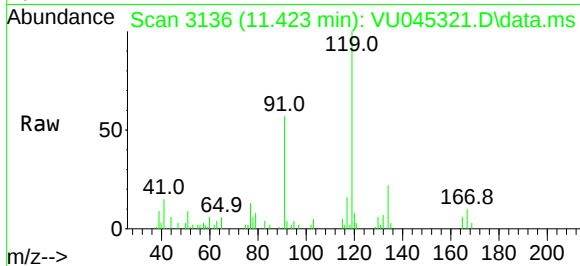




#77
tert-Butylbenzene
Concen: 0.295 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

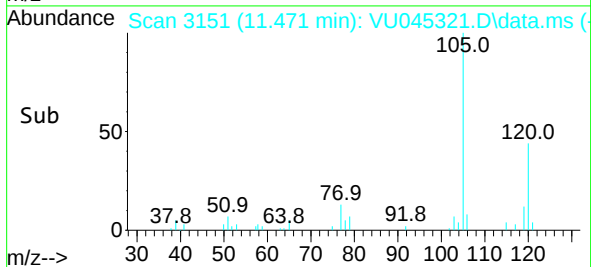
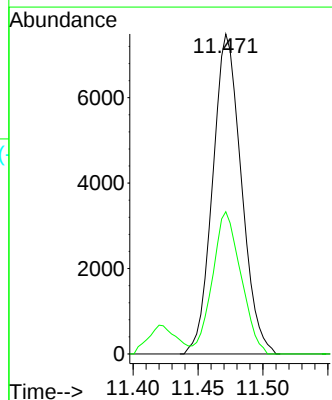
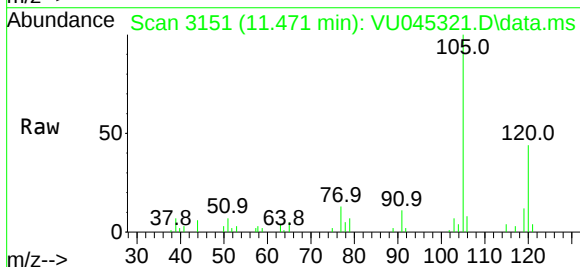
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

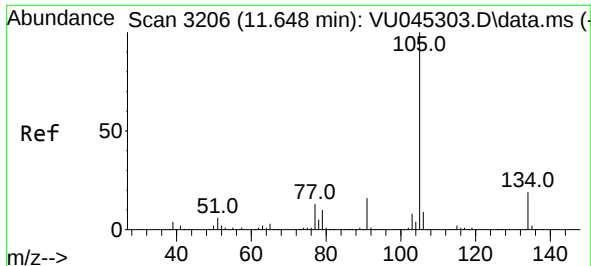
Tgt Ion:119 Resp: 12274
Ion Ratio Lower Upper
119 100
91 59.2 31.4 94.3
134 22.4 18.5 27.7



#78
1,2,4-Trimethylbenzene
Concen: 0.262 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:105 Resp: 11491
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.8

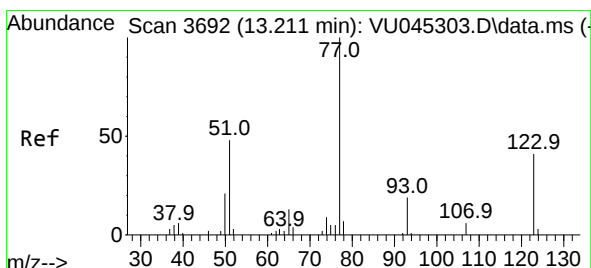
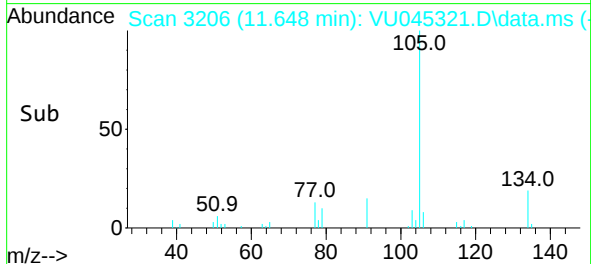
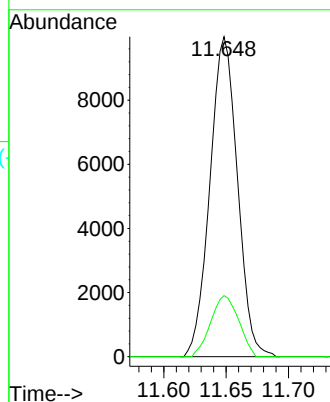
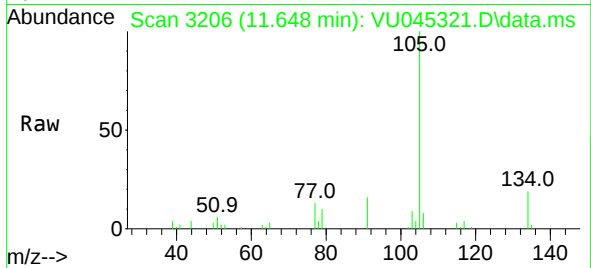




#79
sec-Butylbenzene
Concen: 0.267 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

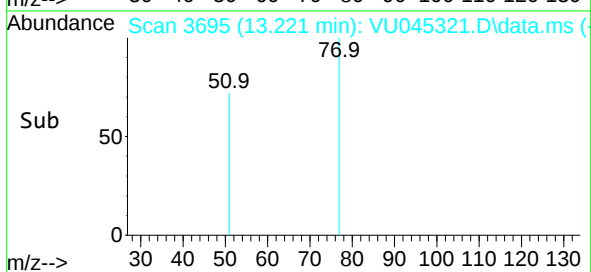
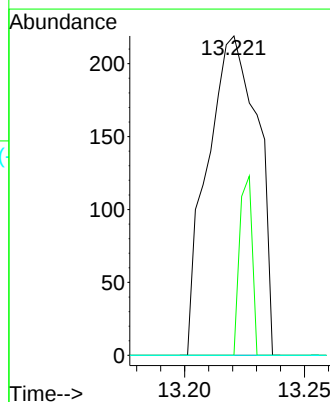
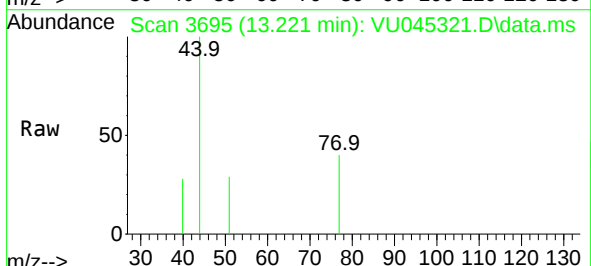
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

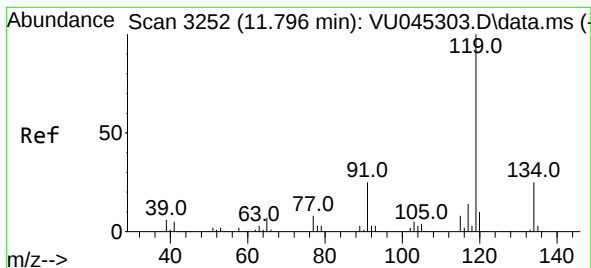
Tgt Ion:105 Resp: 15336
Ion Ratio Lower Upper
105 100
134 19.3 15.4 23.0



#80
Nitrobenzene
Concen: 1.018 ug/l
RT: 13.221 min Scan# 3695
Delta R.T. 0.010 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 77 Resp: 319
Ion Ratio Lower Upper
77 100
123 14.1 18.2 64.4#
65 0.0 12.0 15.2#

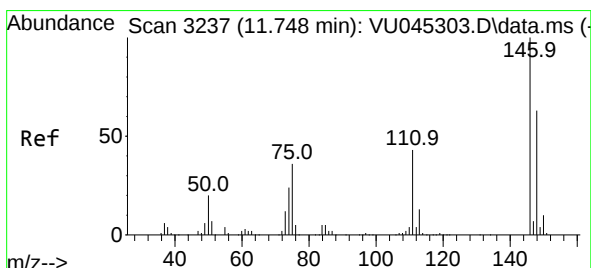
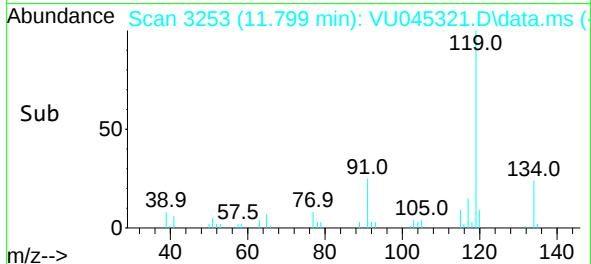
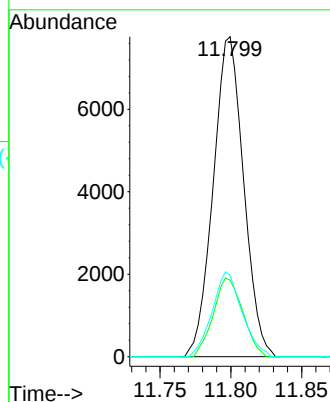
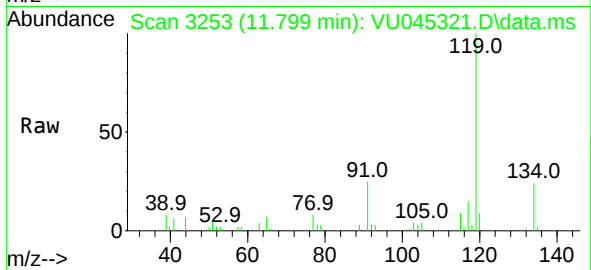




#81
p-Isopropyltoluene
Concen: 0.251 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

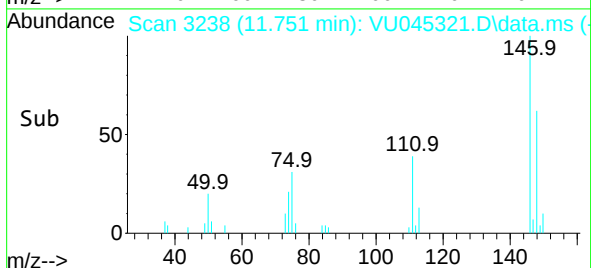
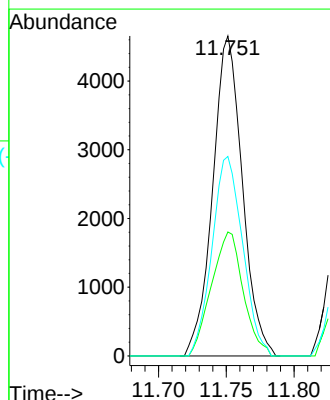
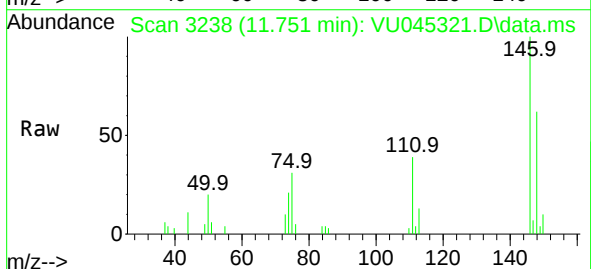
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

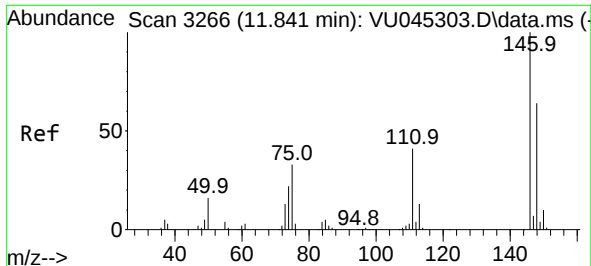
Tgt Ion:119 Resp: 11563
Ion Ratio Lower Upper
119 100
134 23.8 20.2 30.4
91 26.0 19.9 29.9



#82
1,3-Dichlorobenzene
Concen: 0.312 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:146 Resp: 7080
Ion Ratio Lower Upper
146 100
111 41.5 33.9 50.9
148 64.4 50.9 76.3

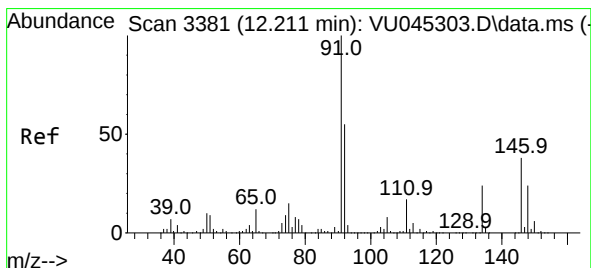
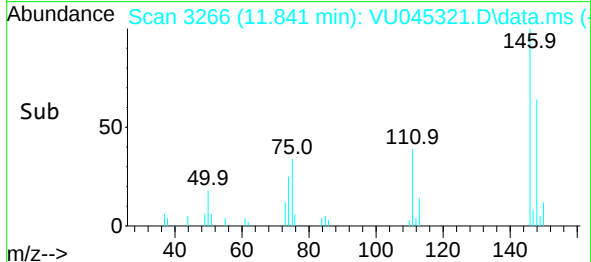
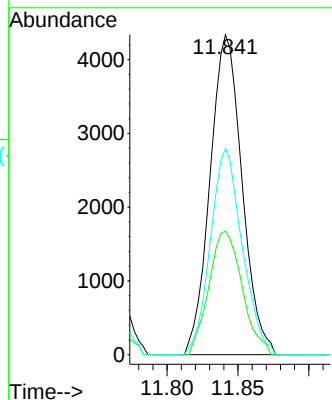
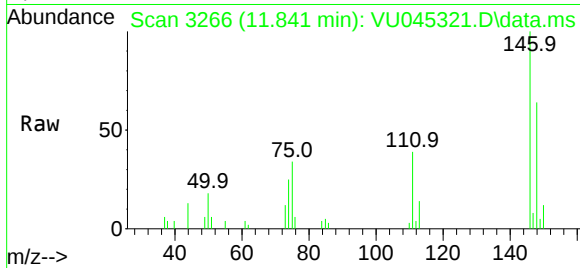




#83
1,4-Dichlorobenzene
Concen: 0.303 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

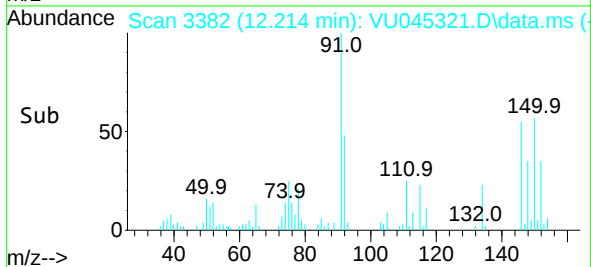
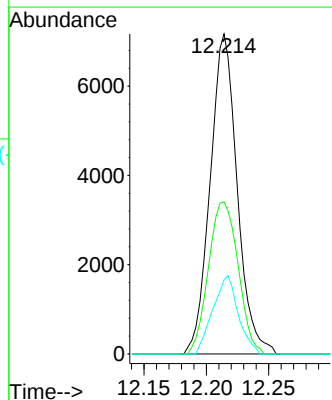
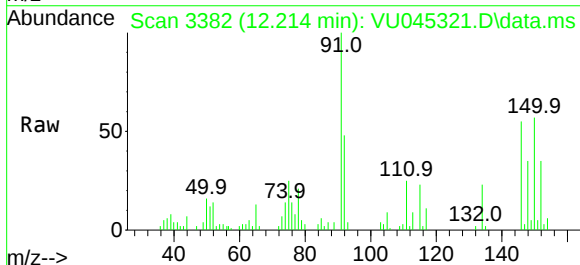
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

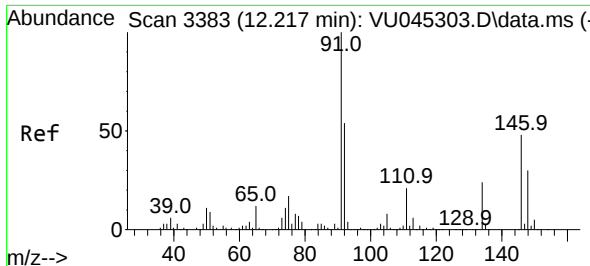
Tgt Ion:146 Resp: 6806
Ion Ratio Lower Upper
146 100
111 40.2 32.7 49.1
148 63.9 51.4 77.0



#84
n-Butylbenzene
Concen: 0.246 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 91 Resp: 10820
Ion Ratio Lower Upper
91 100
92 52.0 43.5 65.3
134 22.9 19.0 28.4

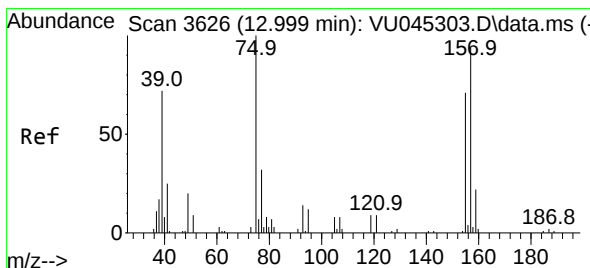
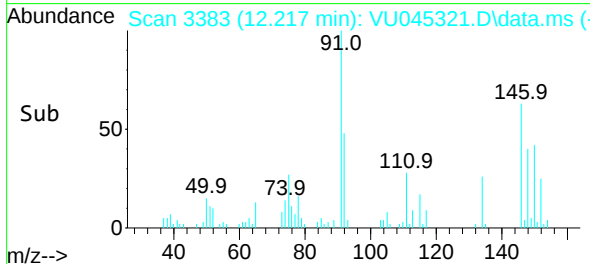
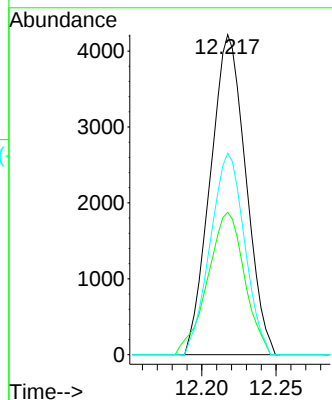
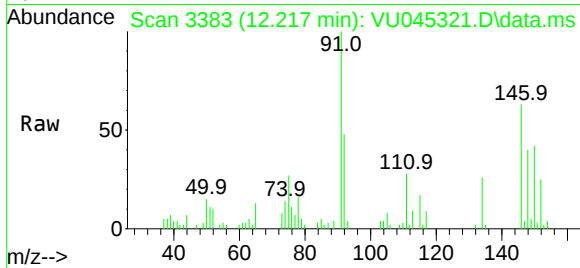




#85
1,2-Dichlorobenzene
Concen: 0.324 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

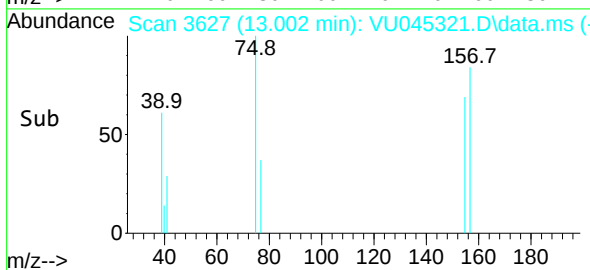
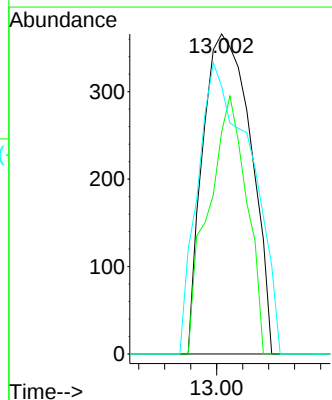
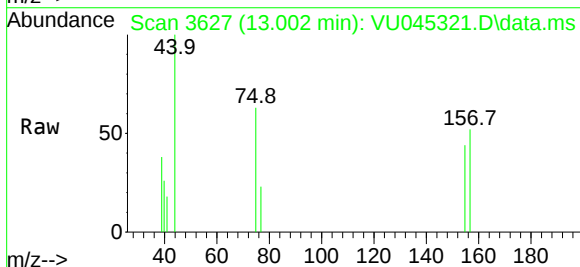
Instrument :
MSVOA_U
ClientSampleId :
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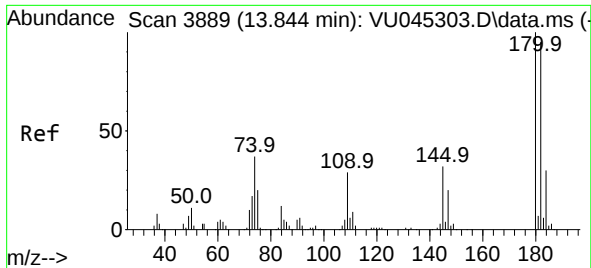
Tgt Ion:146 Resp: 6992
Ion Ratio Lower Upper
146 100
111 46.2 22.1 66.1
148 60.9 31.6 94.7



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.256 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 75 Resp: 469
Ion Ratio Lower Upper
75 100
155 64.2 57.8 86.8
157 101.1 75.1 112.7

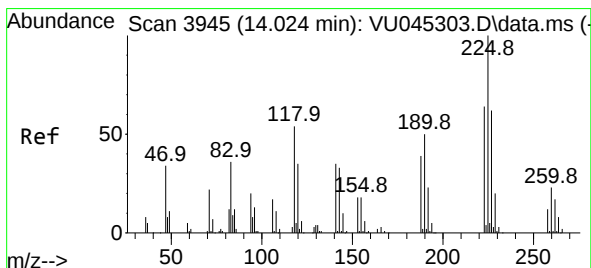
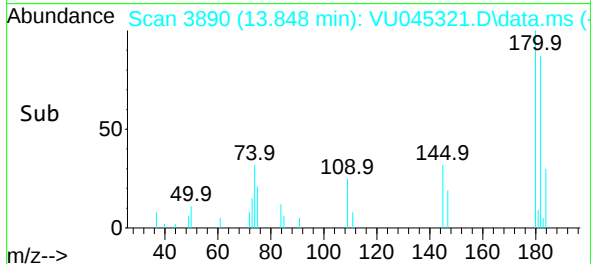
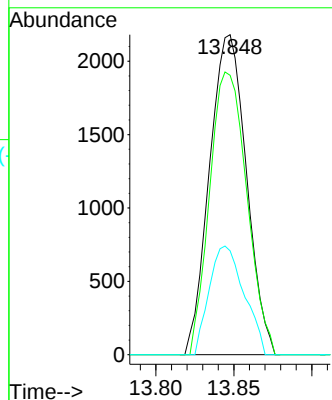
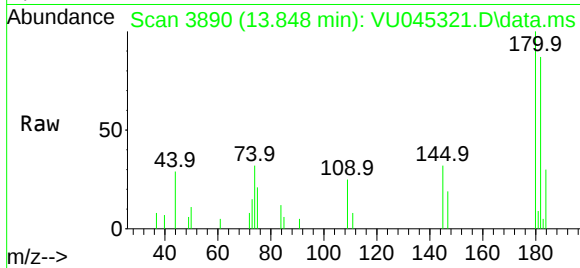




#87
1,2,4-Trichlorobenzene
Concen: 0.270 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

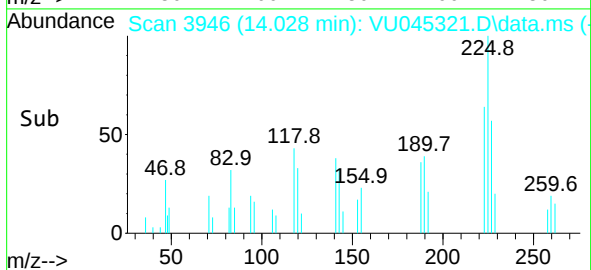
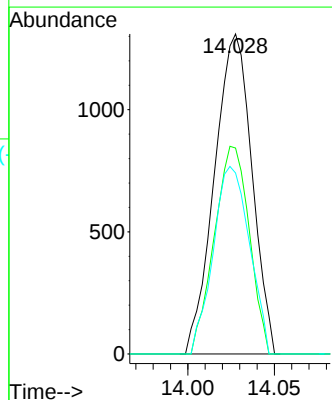
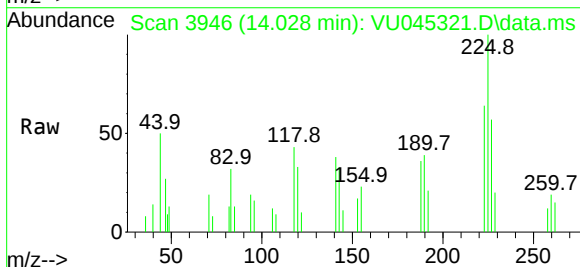
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

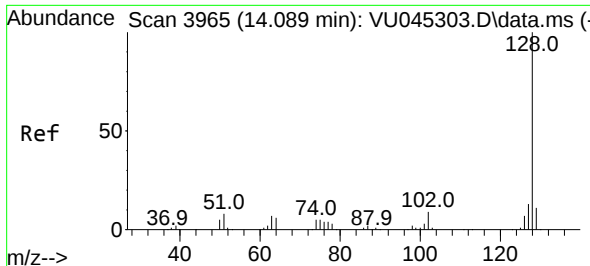
Tgt Ion:180 Resp: 3593
Ion Ratio Lower Upper
180 100
182 88.9 75.8 113.8
145 32.1 25.3 37.9



#88
Hexachlorobutadiene
Concen: 0.318 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. 0.004 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

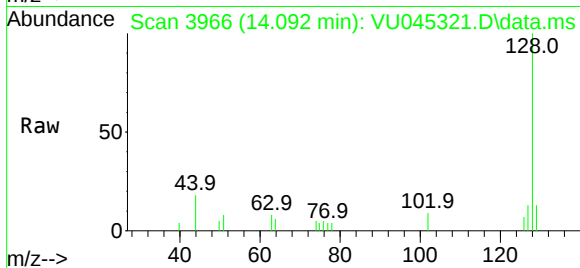
Tgt Ion:225 Resp: 1974
Ion Ratio Lower Upper
225 100
223 60.5 51.1 76.7
227 56.7 49.9 74.9



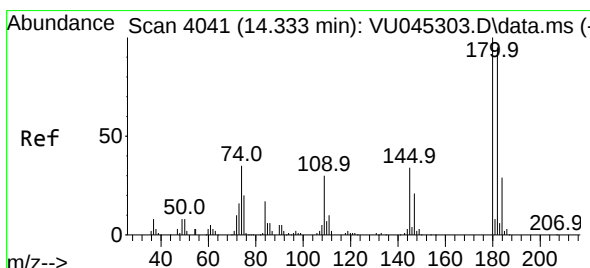
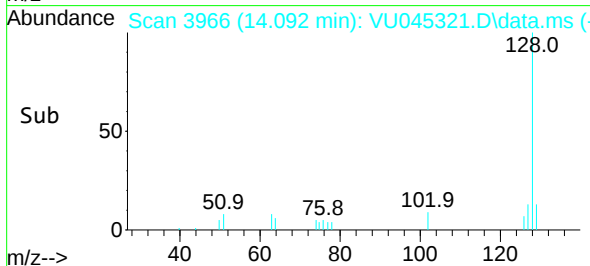
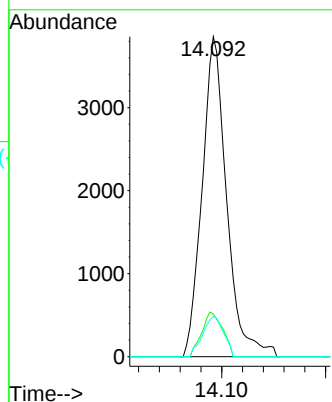


#89
Naphthalene
Concen: 0.241 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:128 Resp: 6302
Ion Ratio Lower Upper
128 100
127 11.9 10.6 16.0
129 10.7 8.6 13.0



#90
1,2,3-Trichlorobenzene
Concen: 0.263 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:180 Resp: 3249
Ion Ratio Lower Upper
180 100
182 97.7 75.4 113.0
145 31.1 27.0 40.4

