

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101521\
 Data File : VU045322.D
 Acq On : 15 Oct 2021 15:17
 Operator : SY/MD
 Sample : M4068-09 0.8 ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 16 01:10:49 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	39578	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	13377	0.921	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	12625	0.928	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	12340	0.816	ug/l	98
3) Chloromethane	1.520	50	14452	0.917	ug/l	98
4) Vinyl Chloride	1.604	62	13588	0.831	ug/l	99
5) Bromomethane	1.858	94	7844	0.875	ug/l	99
6) Chloroethane	1.935	64	8779	0.829	ug/l	100
7) Trichlorofluoromethane	2.141	101	14763	0.775	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	9281	0.843	ug/l	99
9) 1,1-Dichloroethene	2.581	96	8385	0.815	ug/l	98
10) Iodomethane	2.726	142	7788	0.723	ug/l	95
11) Allyl Chloride	2.928	41	12604	0.835	ug/l	97
12) Acrylonitrile	3.330	53	3724	1.419	ug/l	# 89
13) Acetone	2.645	43	14412	4.604	ug/l	91
14) Carbon Disulfide	2.797	76	24834	0.791	ug/l	98
15) Methylene Chloride	3.051	84	17328	1.391	ug/l	98
16) trans-1,2-Dichloroethene	3.356	96	8617	0.779	ug/l	95
17) 1,1-Dichloroethane	3.877	63	17140	0.826	ug/l	98
18) 2-Butanone	4.729	43	15977	4.013	ug/l	99
19) Cyclohexane	5.391	56	12585	0.656	ug/l	88
20) Methylcyclohexane	6.767	83	14246	0.746	ug/l	98
21) 2,2-Dichloropropane	4.671	77	14159	0.803	ug/l	100
22) cis-1,2-Dichloroethene	4.674	96	9627	0.791	ug/l	99
23) Diethyl Ether	2.382	59	7565	0.777	ug/l	95
24) tert-Butyl Alcohol	3.224	59	3919	5.132	ug/l	# 89
25) Methyl tert-Butyl Ether	3.375	73	21607	0.752	ug/l	99
26) Bromochloromethane	4.980	128	4344	0.836	ug/l	95
27) Chloroform	5.096	83	18140	0.854	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	13781	0.792	ug/l	100
29) 1,1-Dichloropropene	5.533	75	12643	0.795	ug/l	97
30) Carbon Tetrachloride	5.533	117	10727	0.795	ug/l	99
31) Isopropyl Ether	4.002	45	26235	0.799	ug/l	96
32) Ethyl-t-butyl ether	4.510	59	25380	0.767	ug/l	96
33) Tert-Amyl methyl ether	5.948	73	21046	0.718	ug/l	99
34) Propionitrile	4.796	54	3715	3.750	ug/l	# 84
35) Benzene	5.780	78	37009	0.805	ug/l	98
36) 1,2-Dichloroethane	5.800	62	11682	0.796	ug/l	96
37) Trichloroethene	6.546	130	9049	0.809	ug/l	97
38) 1,2-Dichloropropane	6.796	63	10136	0.850	ug/l	99
39) Methacrylonitrile	4.980	41	2886	0.736	ug/l	# 92
40) Methyl acrylate	4.861	55	4159	0.636	ug/l	# 94
41) Tetrahydrofuran	5.067	42	2770	1.235	ug/l	99
42) 1-Chlorobutane	5.465	56	18010	0.788	ug/l	94
43) Dibromomethane	6.925	93	4750	0.802	ug/l	96
44) Bromodichloromethane	7.108	83	11901	0.806	ug/l	98

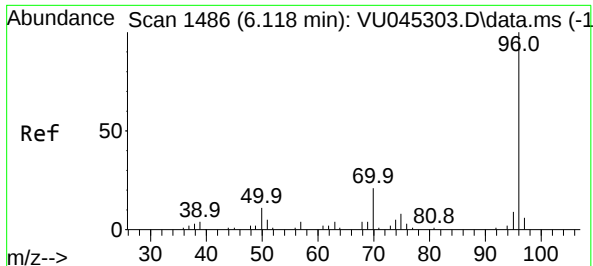
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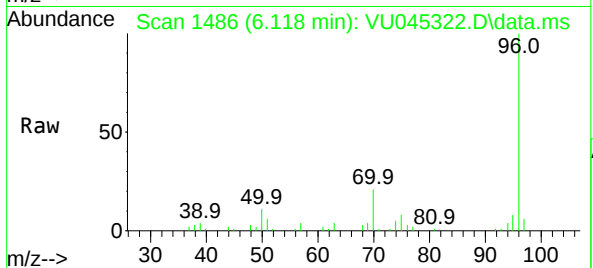
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	28533	3.529	ug/l	96
46) t-1,4-Dichloro-2-butene	10.825	75	9707	3.410	ug/l #	48
47) Methyl methacrylate	6.967	69	8098	1.349	ug/l	99
48) Ethyl methacrylate	8.340	69	7982	0.673	ug/l	100
49) Toluene	7.973	92	21299	0.753	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	10564	0.731	ug/l	100
51) cis-1,3-Dichloropropene	7.613	75	12607	0.746	ug/l	98
52) 1,1,2-Trichloroethane	8.404	97	6874	0.805	ug/l	96
53) 1,3-Dichloropropane	8.581	76	12308	0.774	ug/l	97
54) 2-Hexanone	8.693	43	22596	3.618	ug/l	94
55) Dibromochloromethane	8.812	129	6643	0.741	ug/l	99
56) 1,2-Dibromoethane	8.928	107	6043	0.752	ug/l	97
58) Tetrachloroethene	8.558	164	8166	0.810	ug/l	96
59) Chlorobenzene	9.452	112	22156	0.756	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.539	131	7942	0.814	ug/l	98
61) Pentachloroethane	11.430	117	5815	0.820	ug/l	92
62) Hexachloroethane	12.478	117	5567	0.747	ug/l	95
63) Ethyl Benzene	9.574	91	37312	0.708	ug/l	98
64) m/p-Xylenes	9.697	106	27534	1.377	ug/l	95
65) o-Xylene	10.105	106	14066	0.720	ug/l	99
66) Styrene	10.118	104	21856	0.685	ug/l	99
67) Bromoform	10.298	173	3474	0.740	ug/l	91
69) Isopropylbenzene	10.488	105	36238	0.707	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.787	83	8254	0.752	ug/l	98
71) 1,2,3-Trichloropropane	10.825	75	9707	1.074	ug/l	75
72) Bromobenzene	10.787	156	8604	0.760	ug/l	99
73) n-propylbenzene	10.909	120	9242	0.689	ug/l	98
74) 2-Chlorotoluene	10.989	126	8977	0.775	ug/l	95
75) 1,3,5-Trimethylbenzene	11.092	105	29835	0.697	ug/l	96
76) 4-Chlorotoluene	11.102	126	8509	0.718	ug/l	99
77) tert-Butylbenzene	11.423	119	29442	0.709	ug/l	99
78) 1,2,4-Trimethylbenzene	11.471	105	29461	0.675	ug/l	100
79) sec-Butylbenzene	11.648	105	40311	0.704	ug/l	98
80) Nitrobenzene	13.214	77	867	2.776	ug/l #	73
81) p-Isopropyltoluene	11.796	119	30326	0.660	ug/l	99
82) 1,3-Dichlorobenzene	11.751	146	17555	0.776	ug/l	97
83) 1,4-Dichlorobenzene	11.841	146	16900	0.755	ug/l	99
84) n-Butylbenzene	12.214	91	28131	0.643	ug/l	97
85) 1,2-Dichlorobenzene	12.217	146	16120	0.750	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	1276	0.700	ug/l	92
87) 1,2,4-Trichlorobenzene	13.844	180	8537	0.645	ug/l	97
88) Hexachlorobutadiene	14.028	225	4744	0.766	ug/l	96
89) Naphthalene	14.092	128	13546	0.520	ug/l	98
90) 1,2,3-Trichlorobenzene	14.336	180	7388	0.601	ug/l	100

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

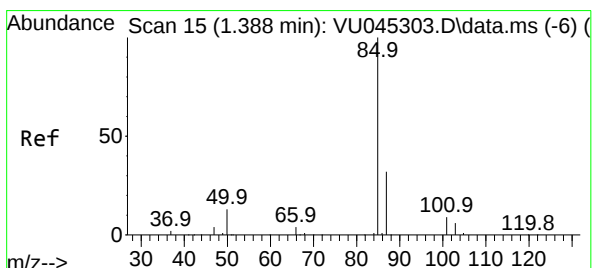
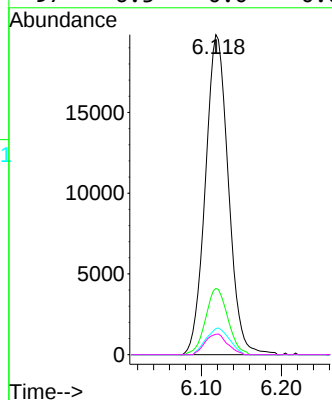
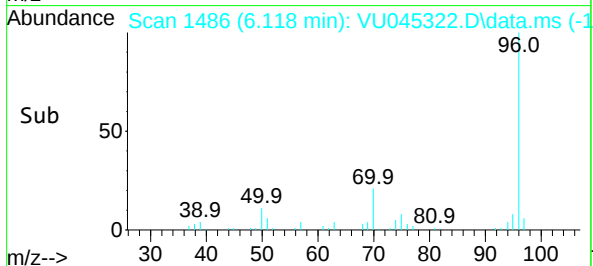


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

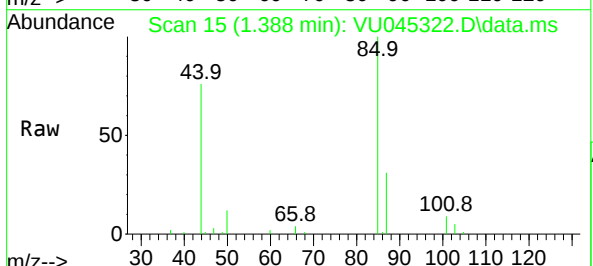
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021



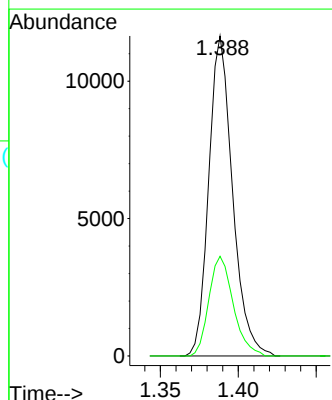
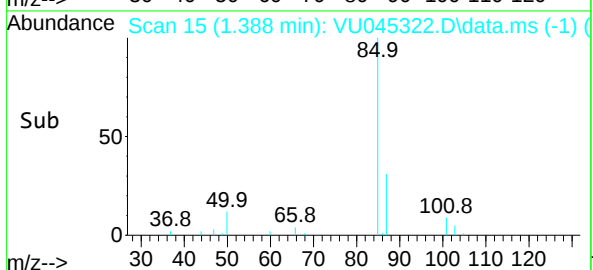
Tgt Ion	Ratio	Lower	Upper
96	100		
70	20.0	16.8	25.2
95	8.4	7.3	10.9
97	6.3	0.0	0.0

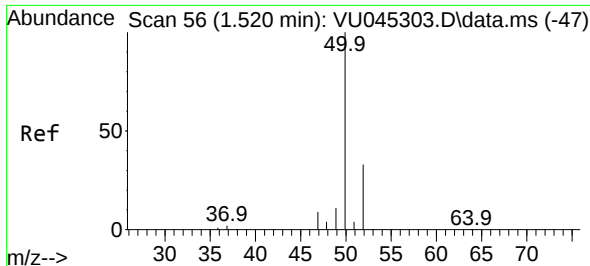


#2
Dichlorodifluoromethane
Concen: 0.816 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17



Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.2	48.6

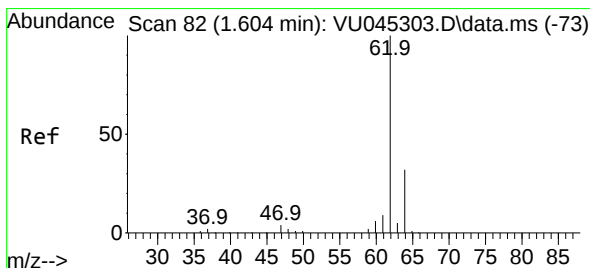
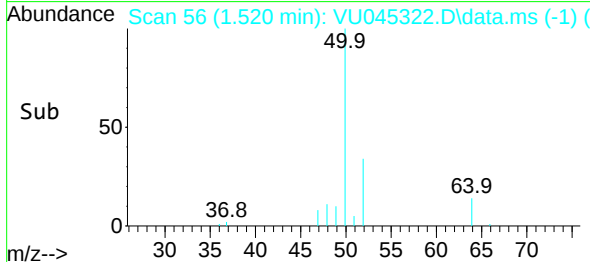
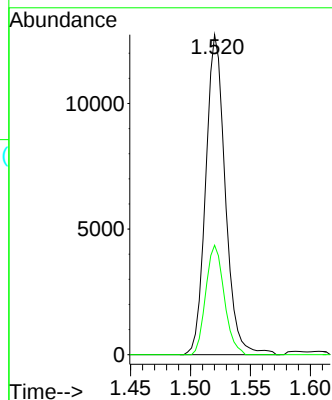
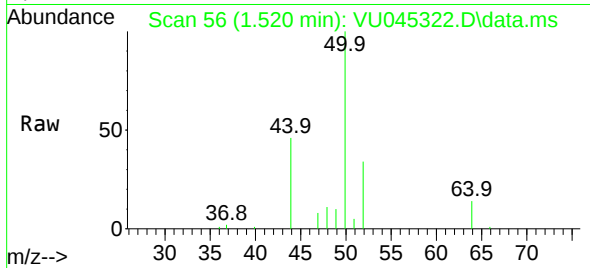




#3
Chloromethane
Concen: 0.917 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

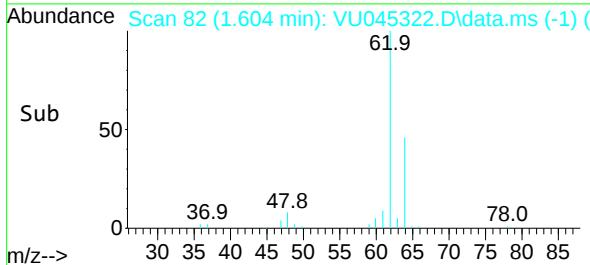
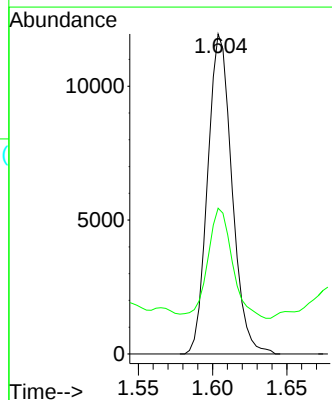
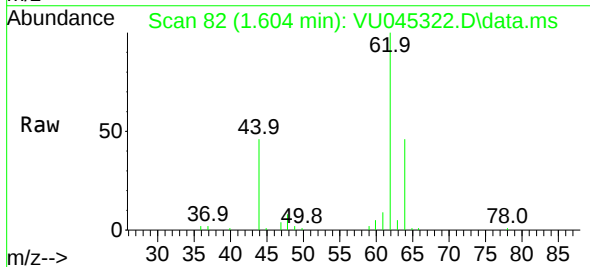
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

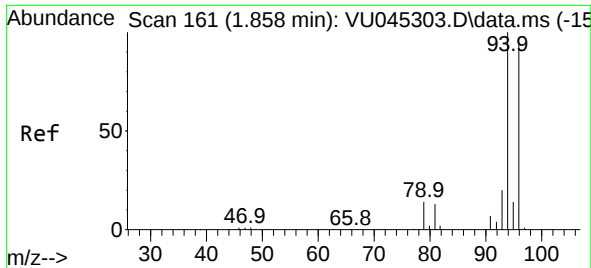
Tgt Ion: 50 Resp: 14452
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.4



#4
Vinyl Chloride
Concen: 0.831 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 62 Resp: 13588
Ion Ratio Lower Upper
62 100
64 33.1 26.0 39.0

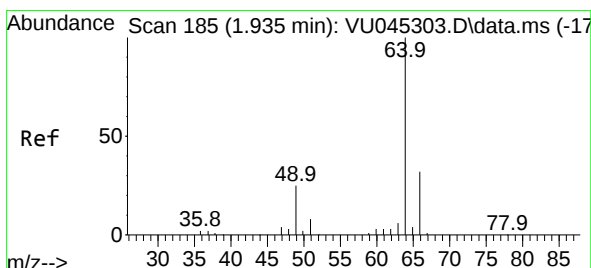
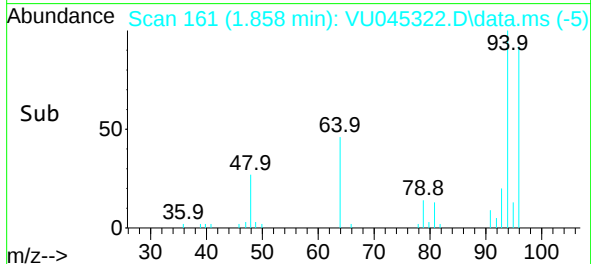
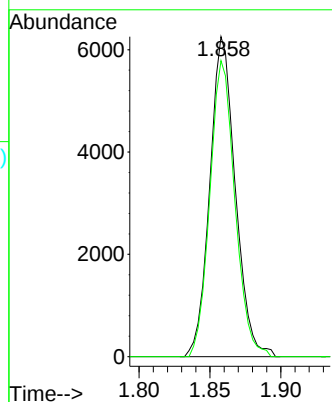
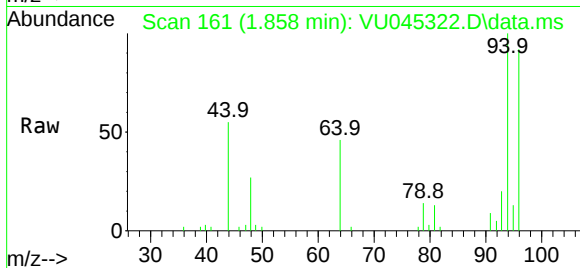




#5
Bromomethane
Concen: 0.875 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

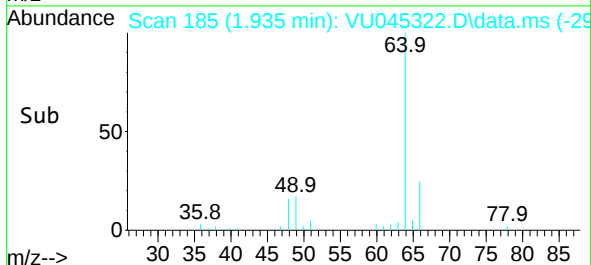
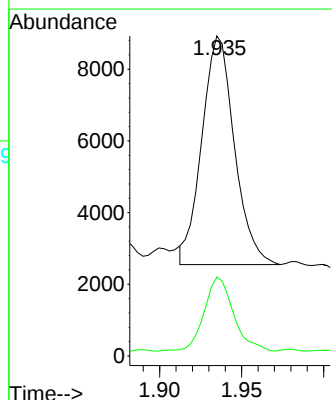
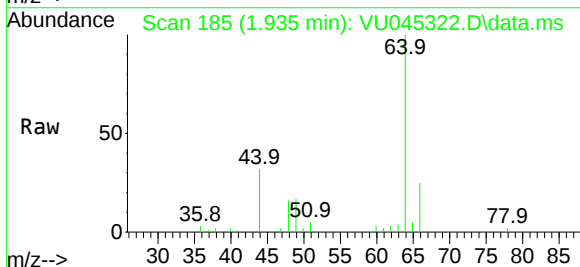
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ClientSampleId :
MDL-WATER-03-QT4-2021

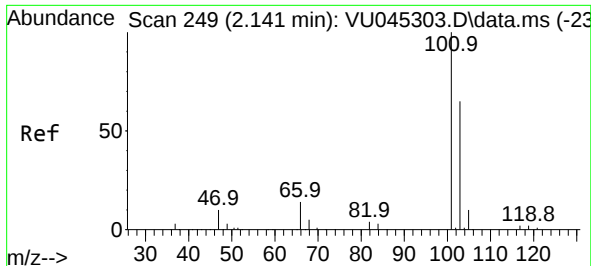
Tgt Ion: 94 Resp: 7844
Ion Ratio Lower Upper
94 100
96 92.5 75.0 112.4



#6
Chloroethane
Concen: 0.829 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 64 Resp: 8779
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.8

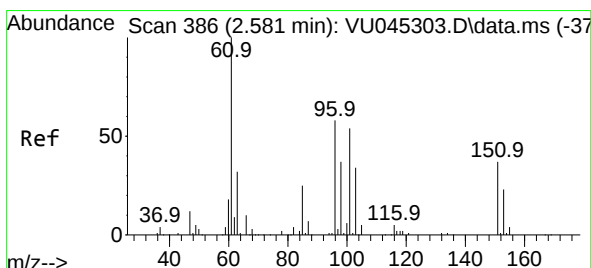
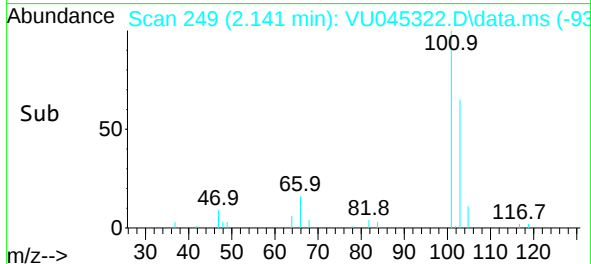
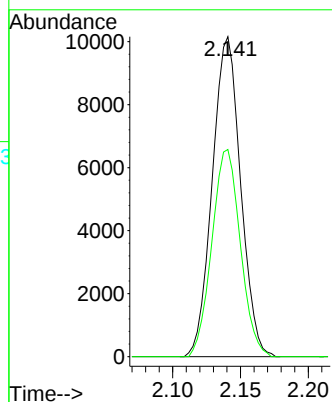
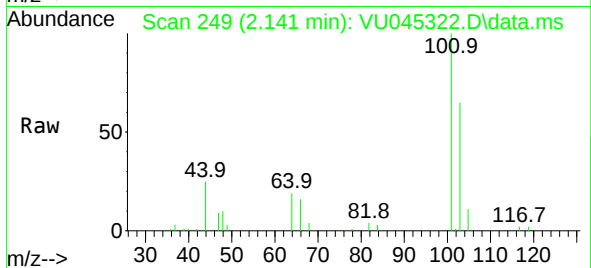




#7
Trichlorofluoromethane
Concen: 0.775 ug/l
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

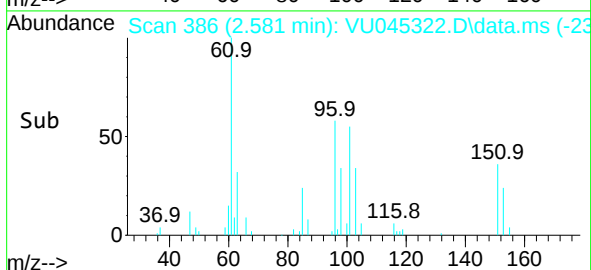
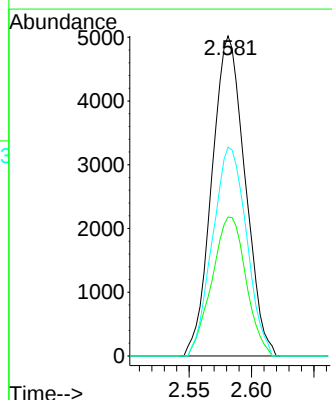
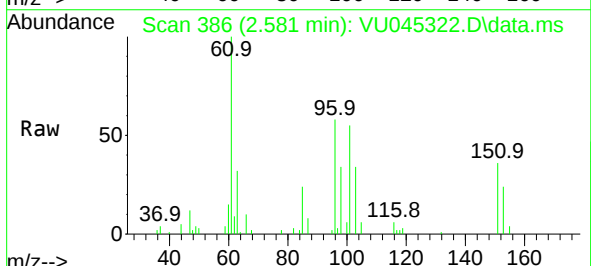
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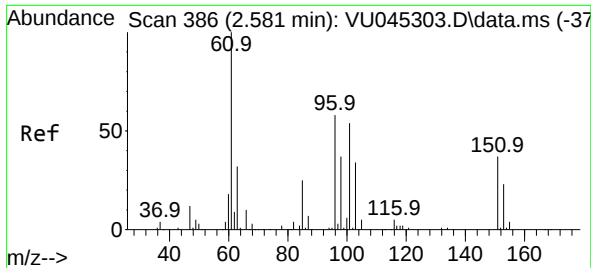
Tgt Ion:101 Resp: 14763
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.2



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.843 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion:101 Resp: 9281
Ion Ratio Lower Upper
101 100
85 44.6 35.8 53.6
151 66.9 54.6 81.8

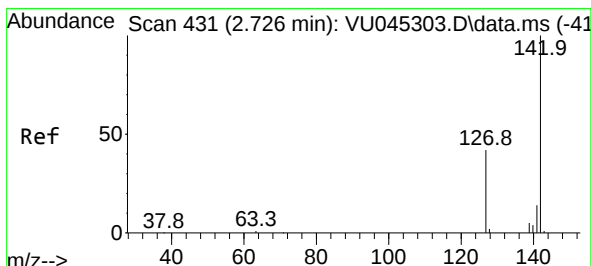
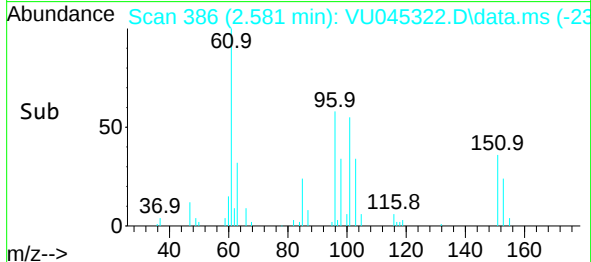
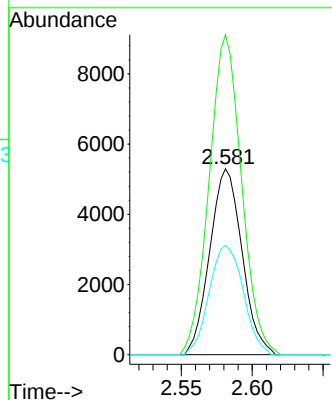
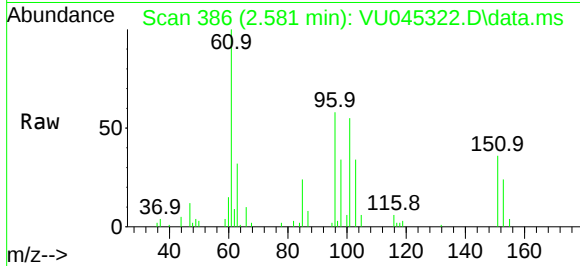




#9
1,1-Dichloroethene
Concen: 0.815 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

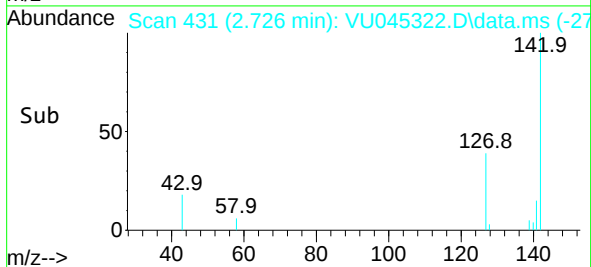
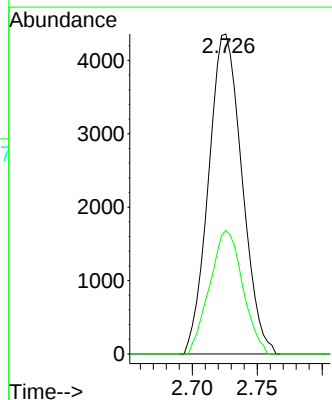
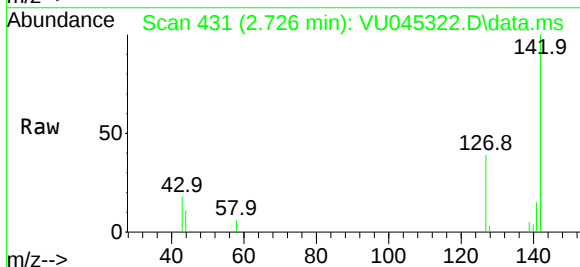
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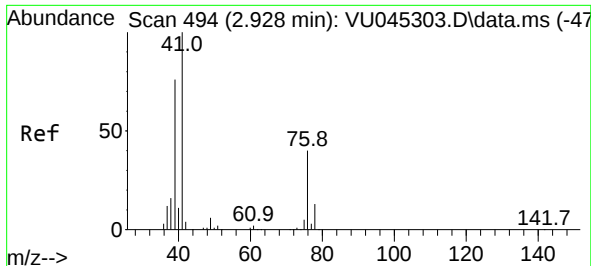
Tgt Ion:	96	Resp:	8385
Ion	Ratio	Lower	Upper
96	100		
61	172.2	0.0	514.2
98	58.8	0.0	126.4



#10
Iodomethane
Concen: 0.723 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion:	142	Resp:	7788
Ion	Ratio	Lower	Upper
142	100		
127	38.1	33.2	49.8

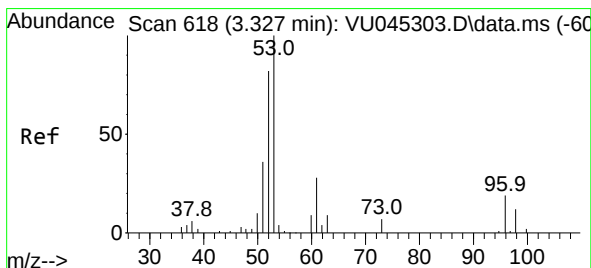
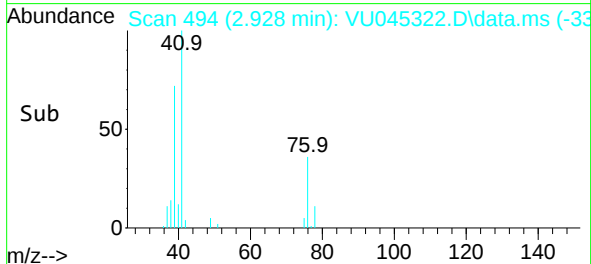
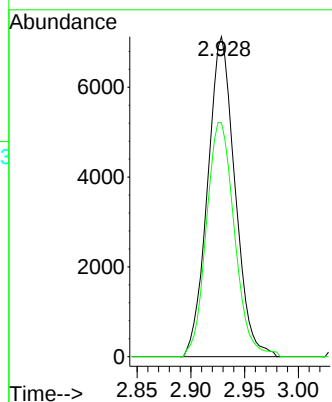
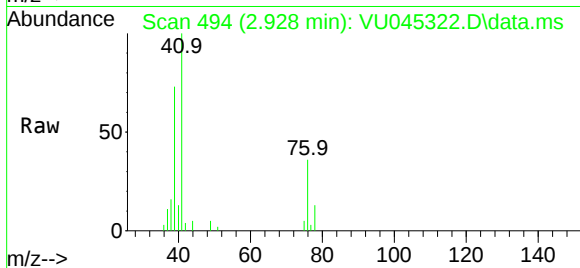




#11
 Allyl Chloride
 Concen: 0.835 ug/l
 RT: 2.928 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: VU045322.D
 Acq: 15 Oct 2021 15:17

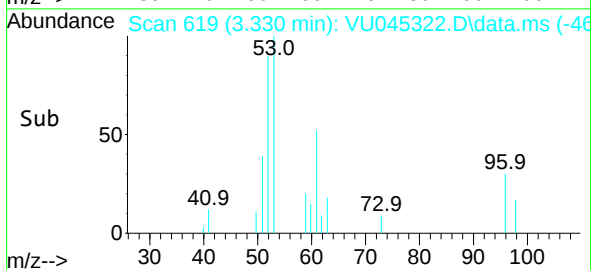
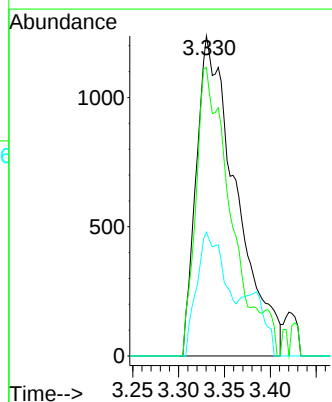
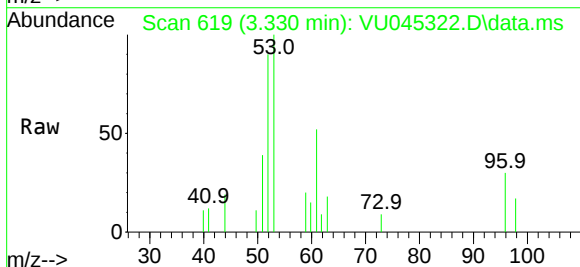
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2021

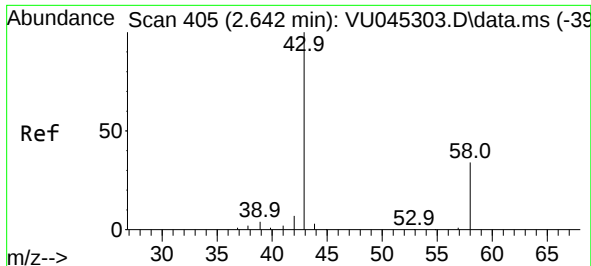
Tgt Ion: 41 Resp: 12604
 Ion Ratio Lower Upper
 41 100
 39 75.2 62.4 93.6



#12
 Acrylonitrile
 Concen: 1.419 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VU045322.D
 Acq: 15 Oct 2021 15:17

Tgt Ion: 53 Resp: 3724
 Ion Ratio Lower Upper
 53 100
 52 77.1 56.7 85.1
 51 28.1 30.3 45.5#

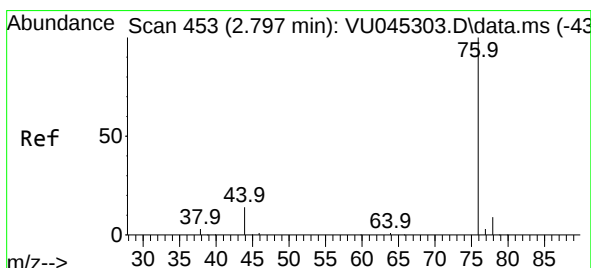
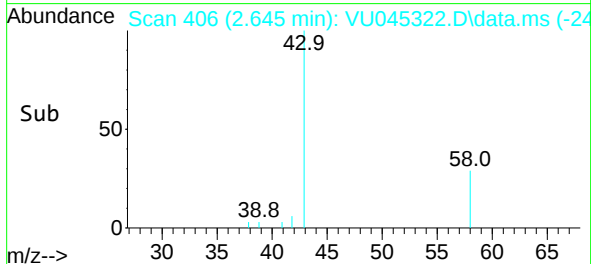
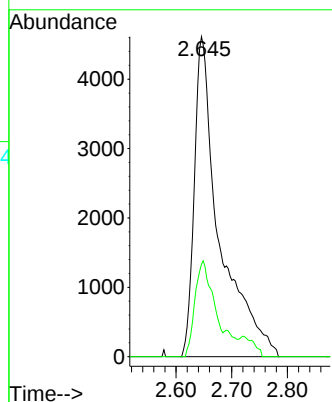
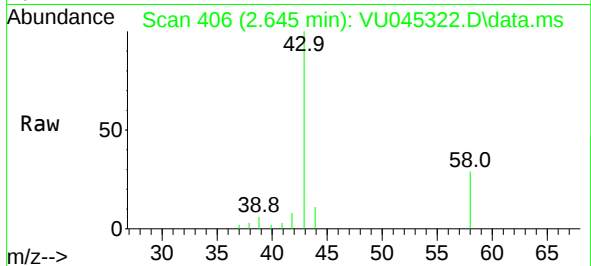




#13
Acetone
Concen: 4.604 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.003 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

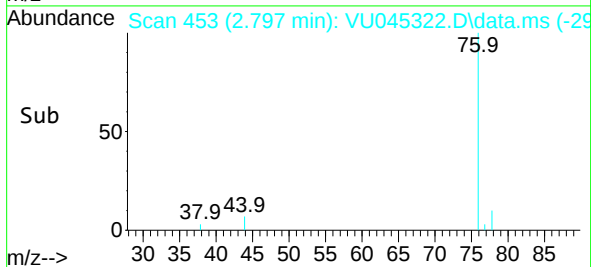
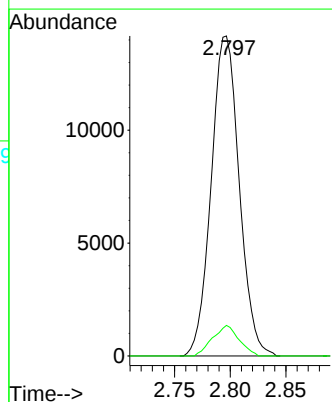
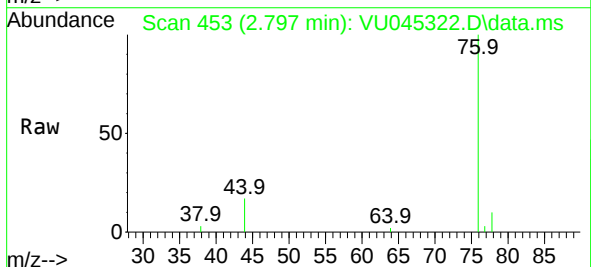
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

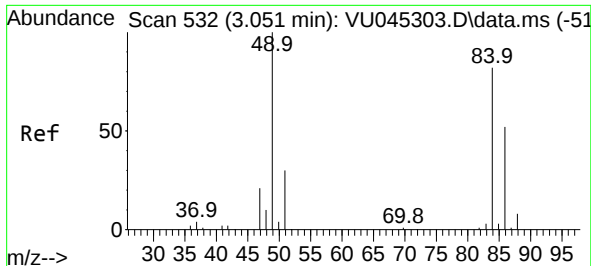
Tgt Ion: 43 Resp: 14412
Ion Ratio Lower Upper
43 100
58 28.9 27.1 40.7



#14
Carbon Disulfide
Concen: 0.791 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

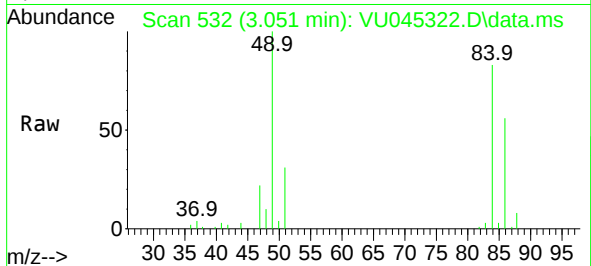
Tgt Ion: 76 Resp: 24834
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



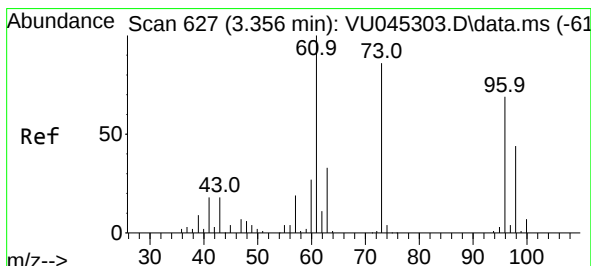
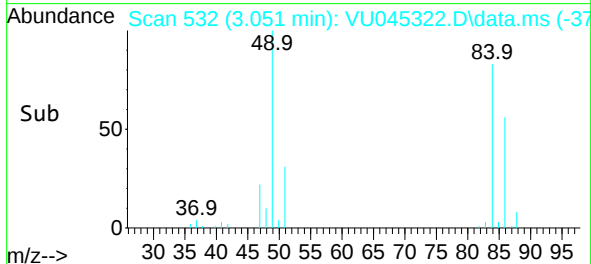
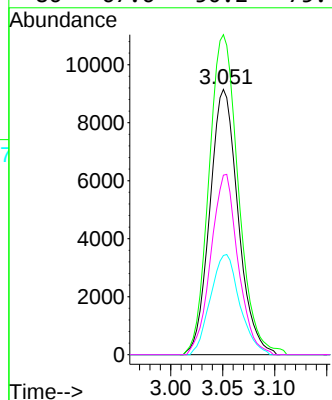


#15
Methylene Chloride
Concen: 1.391 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

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

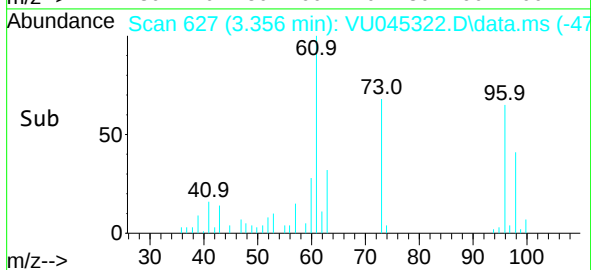
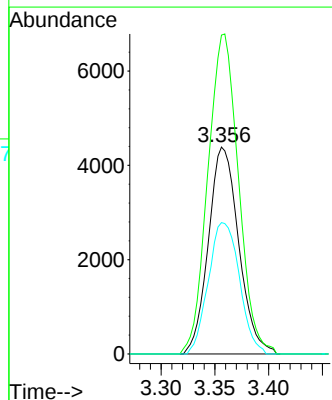
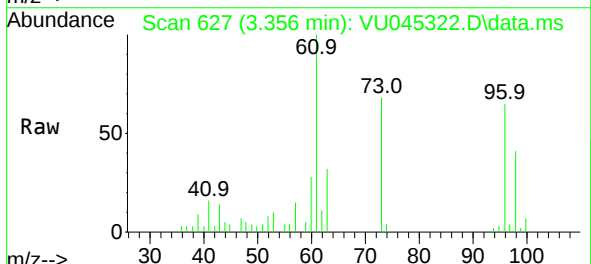


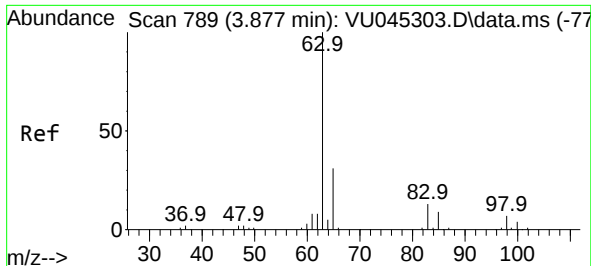
Tgt Ion:	84	Resp:	17328
Ion	Ratio	Lower	Upper
84	100		
49	120.6	97.2	145.8
51	37.4	0.0	73.4
86	67.6	50.2	75.4



#16
trans-1,2-Dichloroethene
Concen: 0.779 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

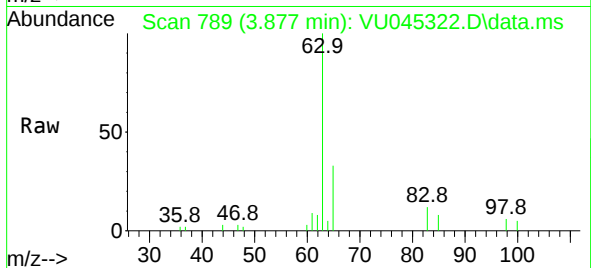
Tgt Ion:	96	Resp:	8617
Ion	Ratio	Lower	Upper
96	100		
61	154.1	115.8	173.6
98	63.5	51.1	76.7



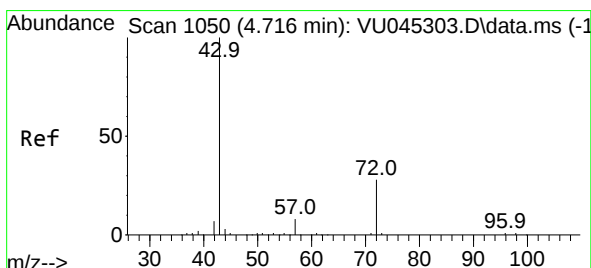
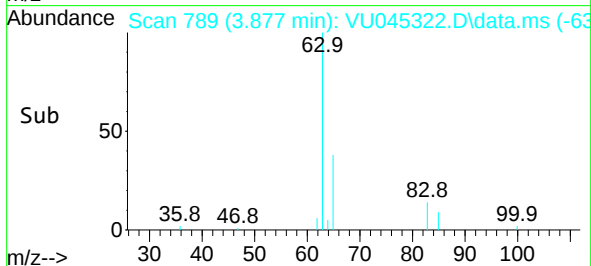
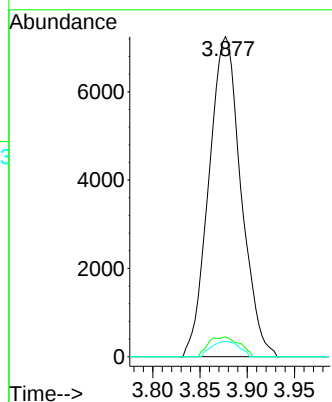


#17
1,1-Dichloroethane
Concen: 0.826 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

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

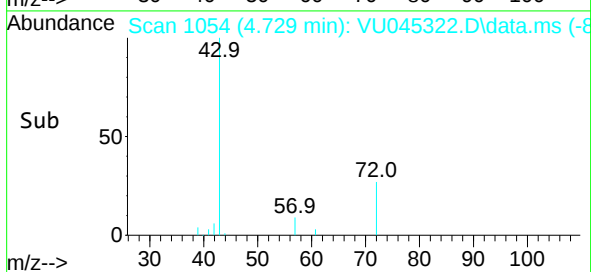
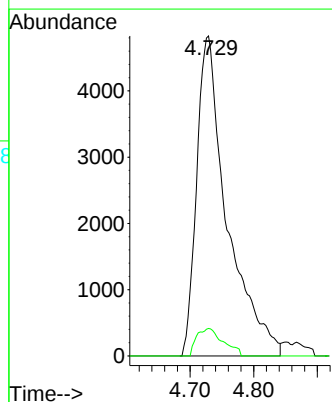
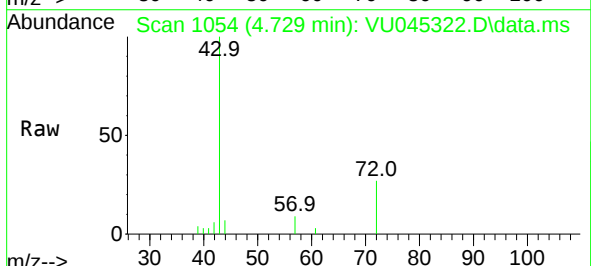


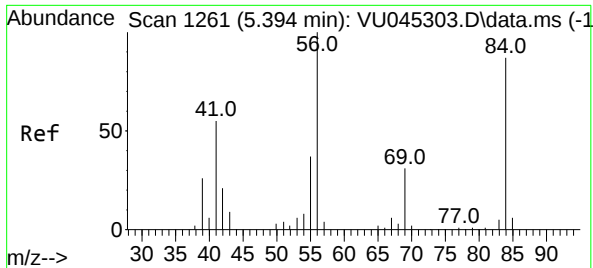
Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.6	10.8
100	4.8	2.1	6.5



#18
2-Butanone
Concen: 4.013 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.6	0.0	16.6





#19

Cyclohexane

Concen: 0.656 ug/l

RT: 5.391 min Scan# 1260

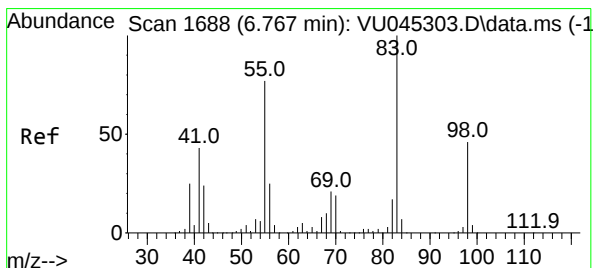
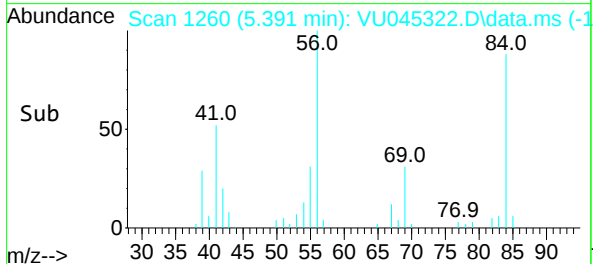
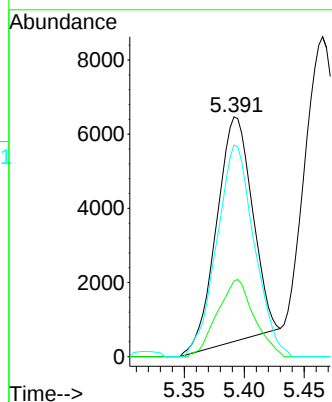
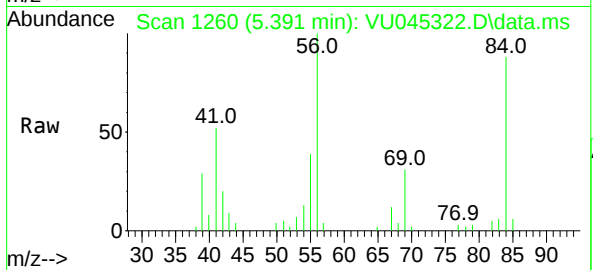
Delta R.T. -0.003 min

Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

Tgt Ion: 56 Resp: 12585

Ion	Ratio	Lower	Upper
56	100		
69	35.2	24.7	37.1
84	98.8	68.8	103.2



#20

Methylcyclohexane

Concen: 0.746 ug/l

RT: 6.767 min Scan# 1688

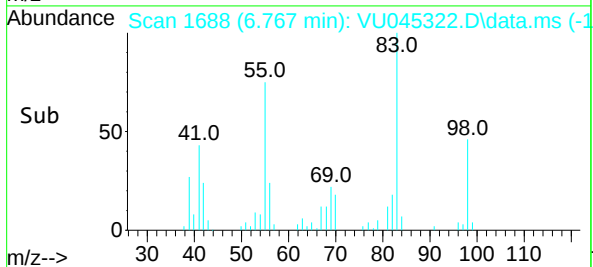
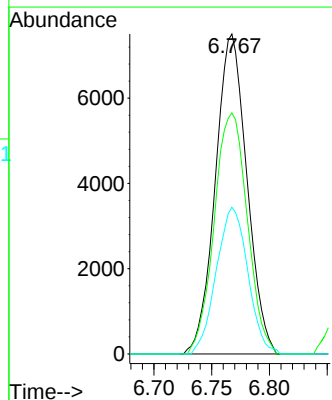
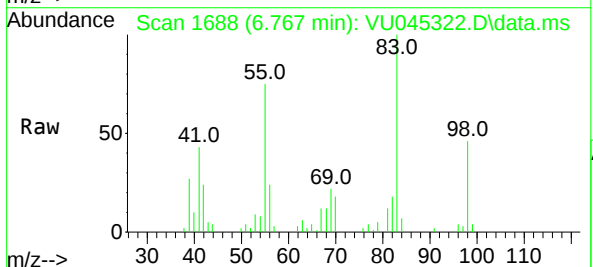
Delta R.T. 0.000 min

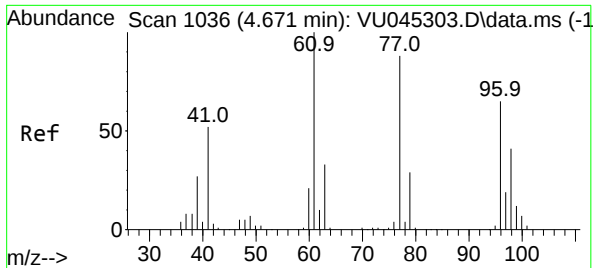
Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

Tgt Ion: 83 Resp: 14246

Ion	Ratio	Lower	Upper
83	100		
55	79.1	61.9	92.9
98	45.8	37.4	56.2

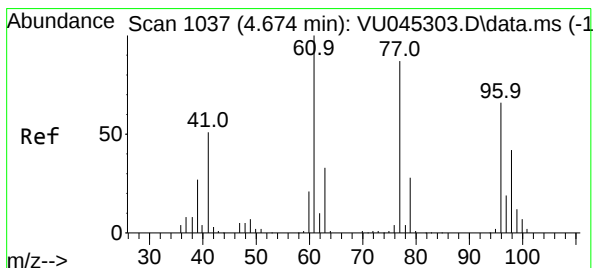
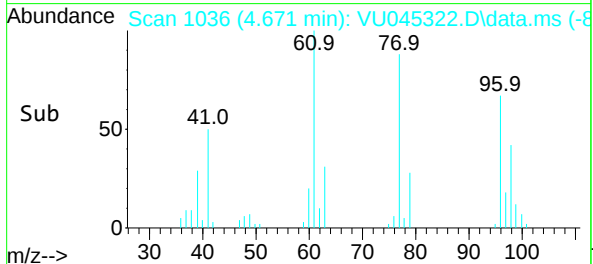
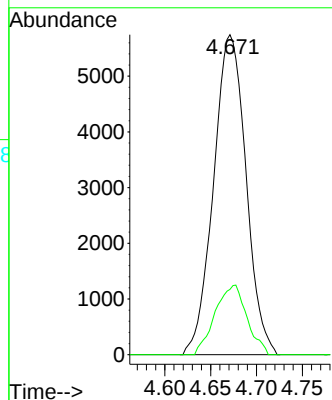
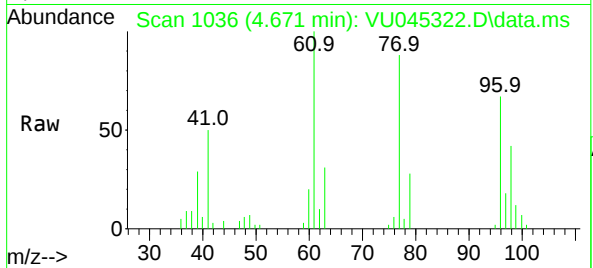




#21
2,2-Dichloropropane
Concen: 0.803 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

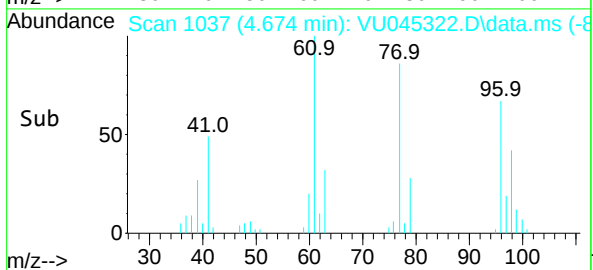
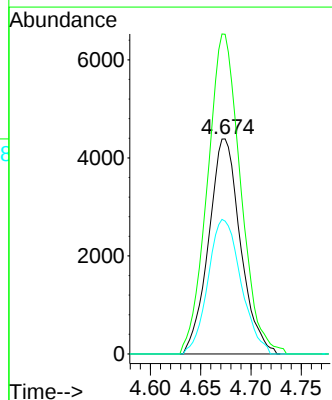
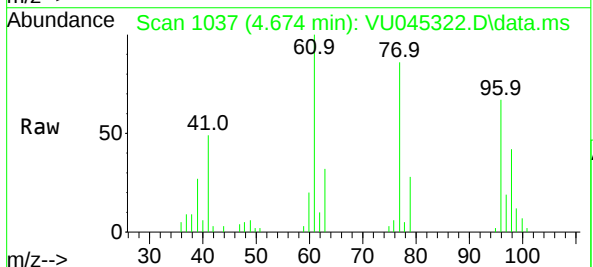
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

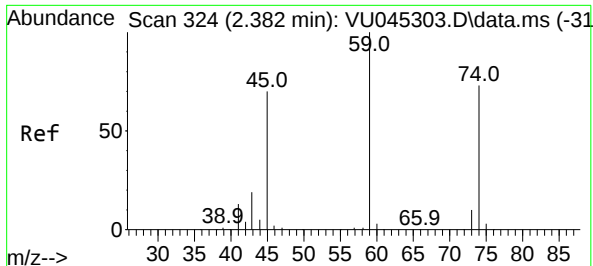
Tgt Ion: 77 Resp: 14159
Ion Ratio Lower Upper
77 100
97 21.3 17.2 25.8



#22
cis-1,2-Dichloroethene
Concen: 0.791 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

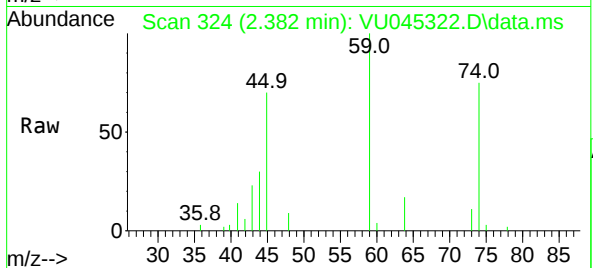
Tgt Ion: 96 Resp: 9627
Ion Ratio Lower Upper
96 100
61 155.1 0.0 385.3
98 64.9 32.1 96.3



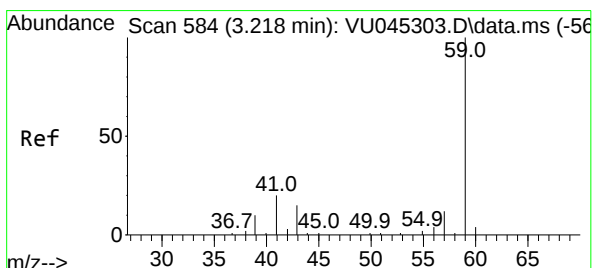
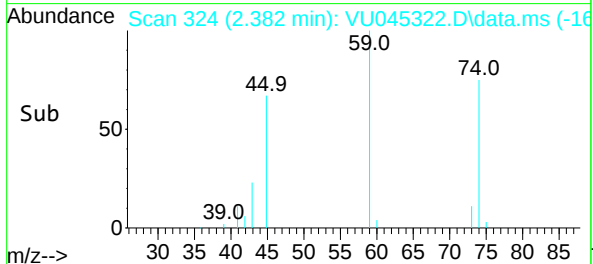
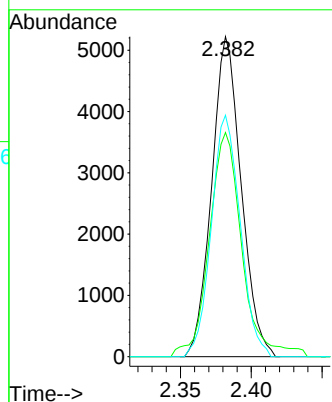


#23
Diethyl Ether
Concen: 0.777 ug/l
RT: 2.382 min Scan# 324
Delta R.T. -0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

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

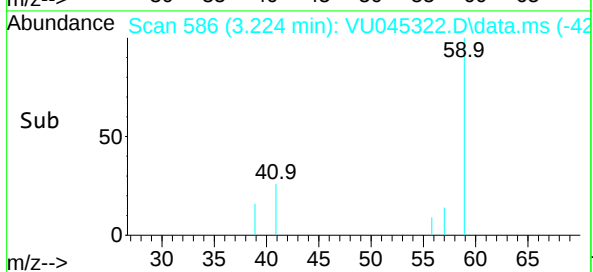
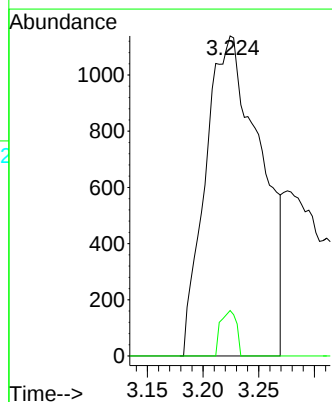
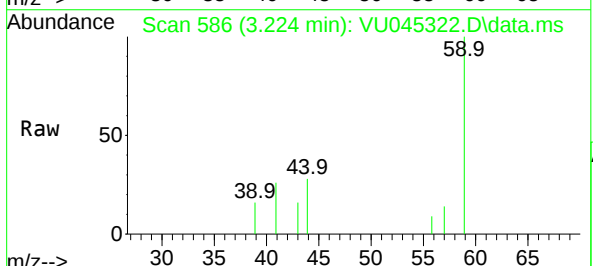


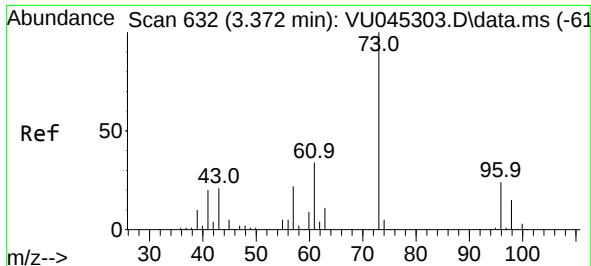
Tgt Ion:	59	Resp:	7565
Ion	Ratio	Lower	Upper
59	100		
45	77.3	55.6	83.4
74	73.7	58.1	87.1



#24
tert-Butyl Alcohol
Concen: 5.132 ug/l
RT: 3.224 min Scan# 586
Delta R.T. 0.006 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion:	59	Resp:	3919
Ion	Ratio	Lower	Upper
59	100		
57	4.1	6.5	9.7#

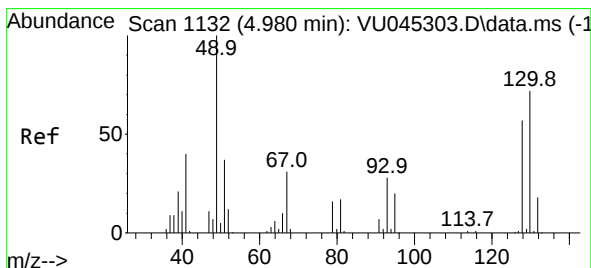
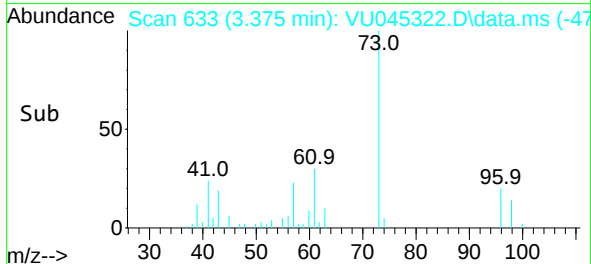
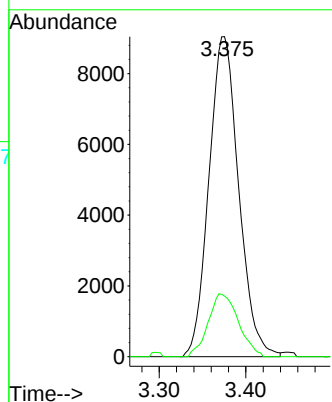
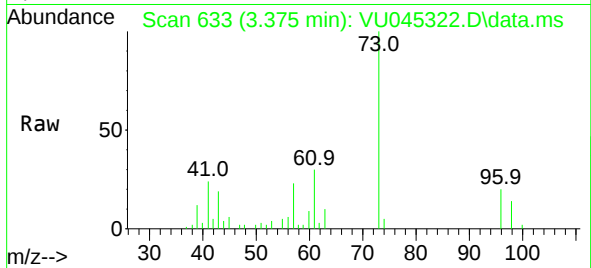




#25
Methyl tert-Butyl Ether
Concen: 0.752 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

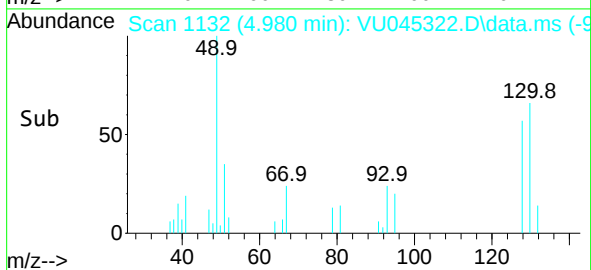
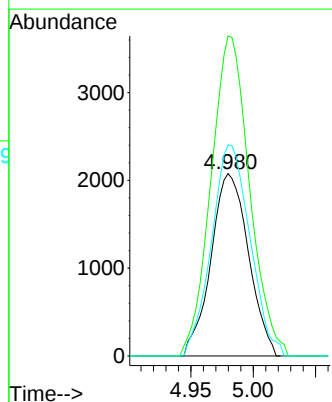
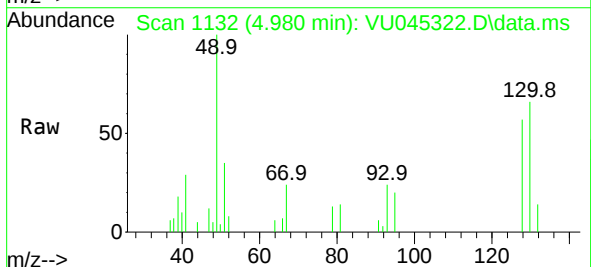
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

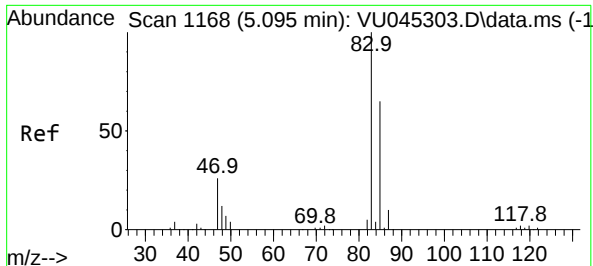
Tgt Ion: 73 Resp: 21607
Ion Ratio Lower Upper
73 100
43 19.9 16.3 24.5



#26
Bromochloromethane
Concen: 0.836 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 128 Resp: 4344
Ion Ratio Lower Upper
128 100
49 180.1 0.0 347.4
130 119.2 101.5 152.3



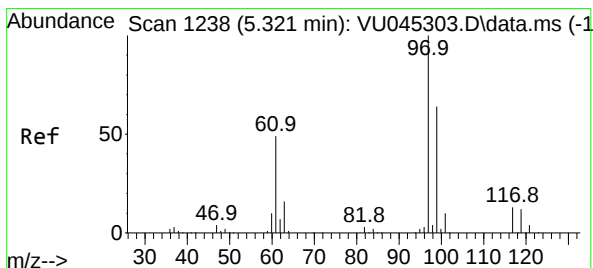
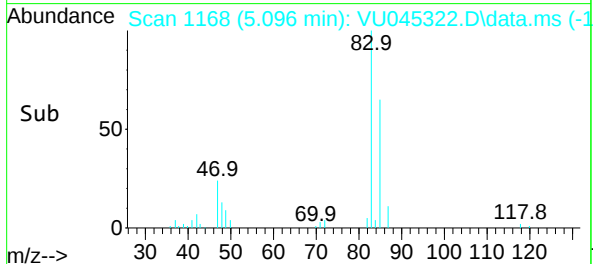
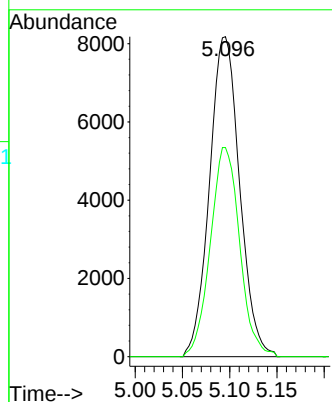
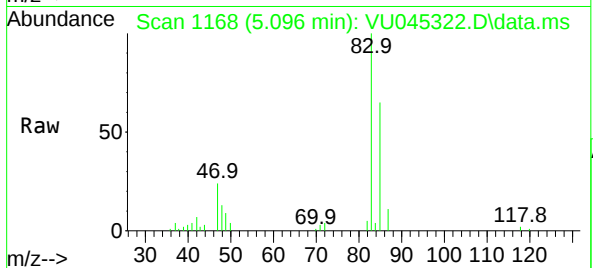


#27

Chloroform
Concen: 0.854 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

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

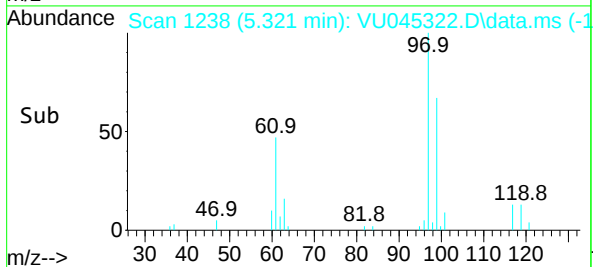
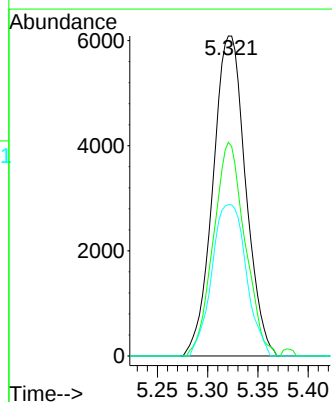
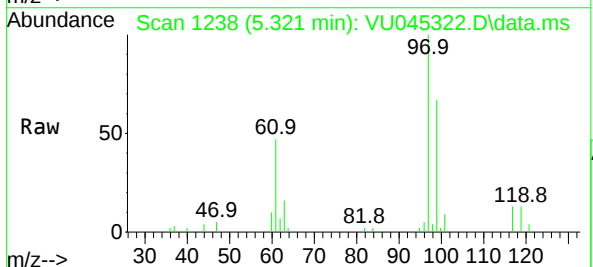
Tgt Ion: 83 Resp: 18140
Ion Ratio Lower Upper
83 100
85 65.4 0.0 129.2

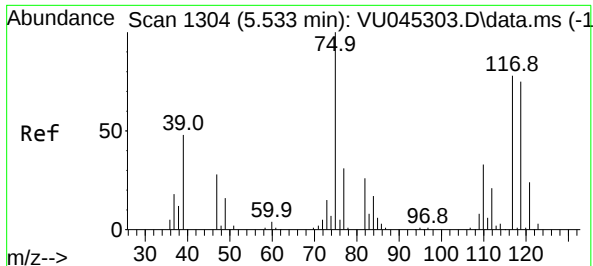


#28

1,1,1-Trichloroethane
Concen: 0.792 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 97 Resp: 13781
Ion Ratio Lower Upper
97 100
99 64.5 32.2 96.6
61 49.5 24.5 73.5

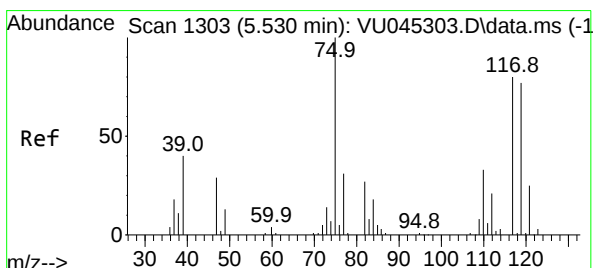
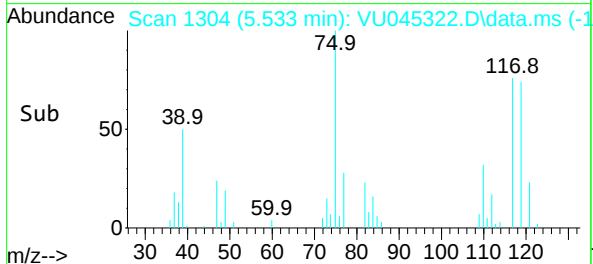
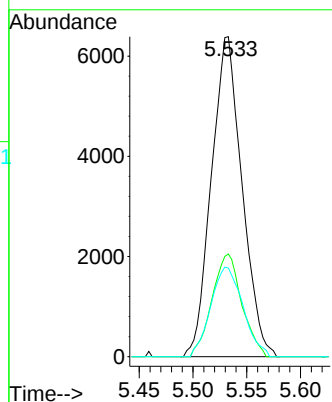
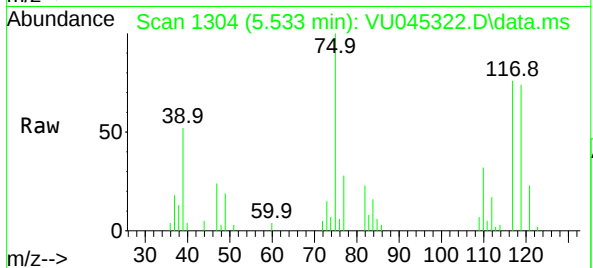




#29
1,1-Dichloropropene
Concen: 0.795 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

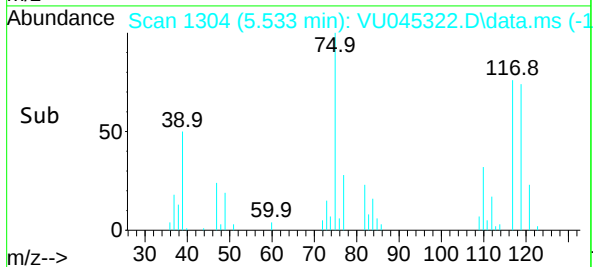
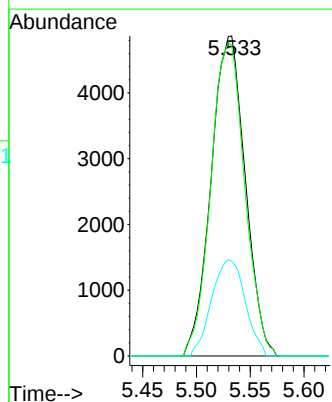
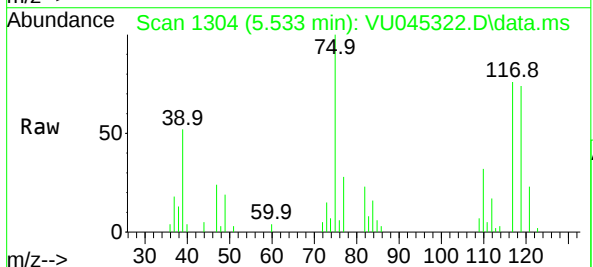
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

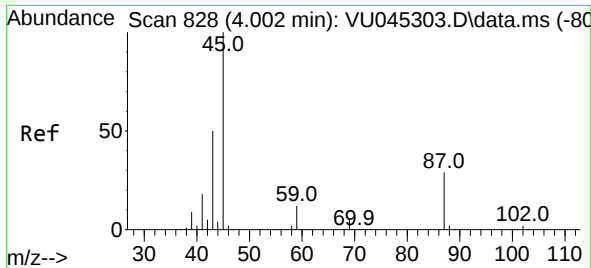
Tgt Ion: 75 Resp: 12643
Ion Ratio Lower Upper
75 100
110 31.2 16.8 50.3
77 29.4 24.7 37.1



#30
Carbon Tetrachloride
Concen: 0.795 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.003 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 117 Resp: 10727
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2
121 29.6 24.6 37.0

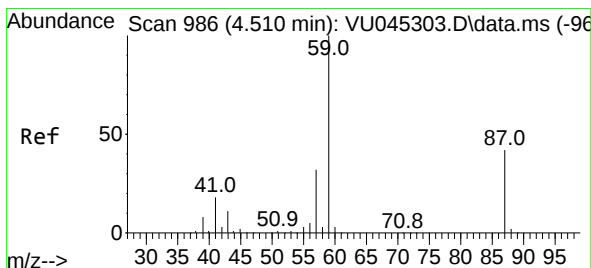
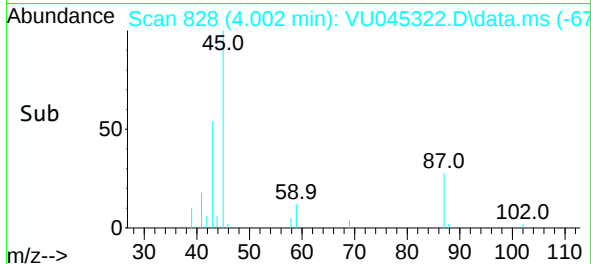
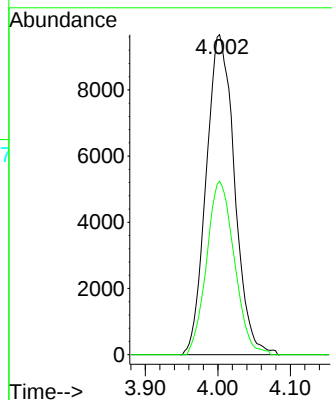
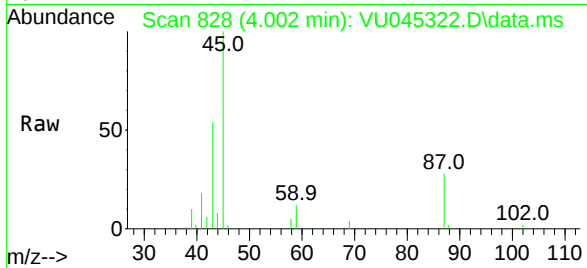




#31
Isopropyl Ether
Concen: 0.799 ug/l
RT: 4.002 min Scan# 828
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

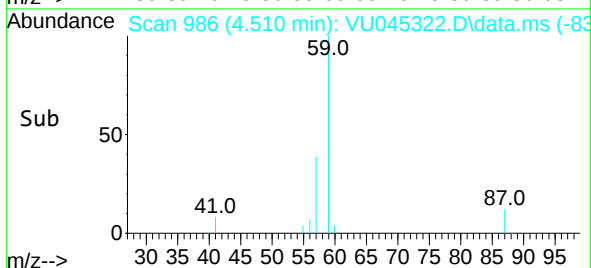
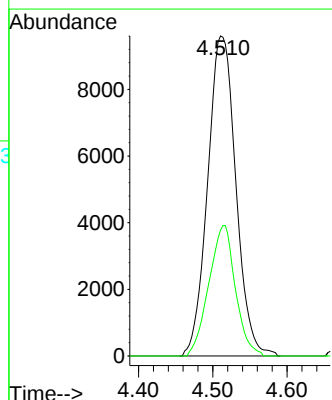
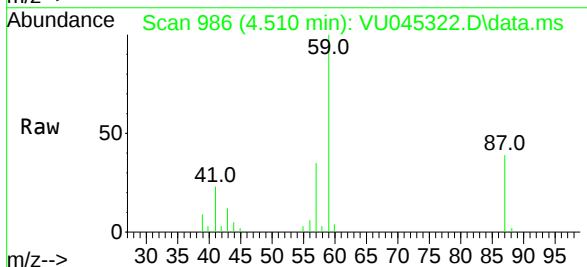
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

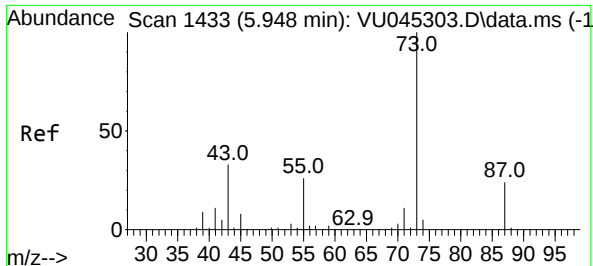
Tgt Ion: 45 Resp: 26235
Ion Ratio Lower Upper
45 100
43 53.0 25.3 75.8



#32
Ethyl-t-butyl ether
Concen: 0.767 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

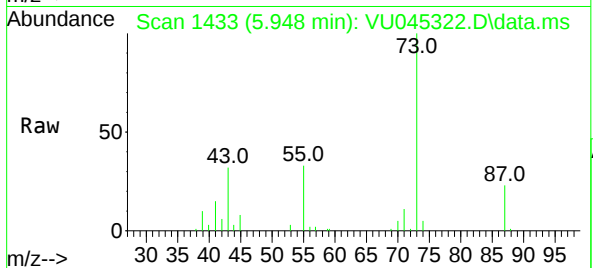
Tgt Ion: 59 Resp: 25380
Ion Ratio Lower Upper
59 100
87 38.3 32.7 49.1



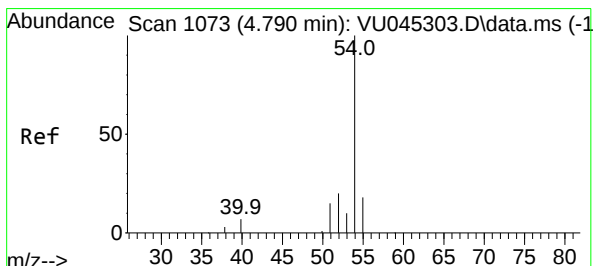
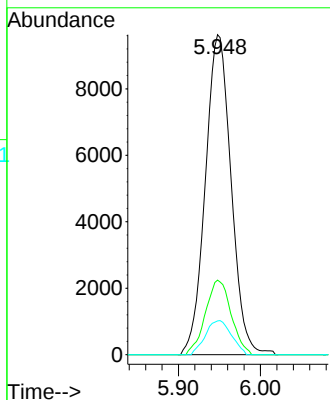
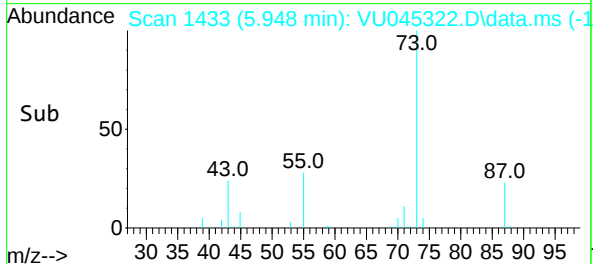


#33
Tert-Amyl methyl ether
Concen: 0.718 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

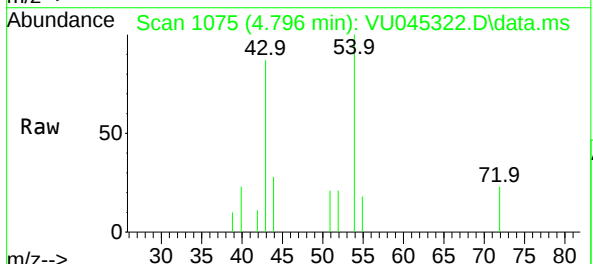
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021



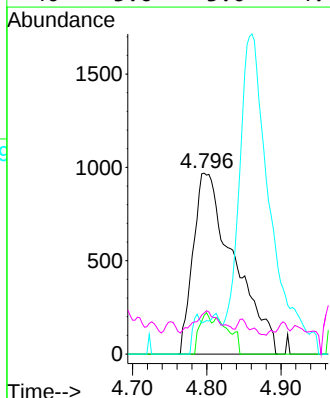
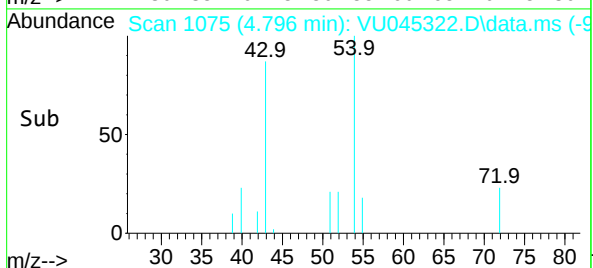
Tgt Ion:	73	Resp:	21046
Ion Ratio	100	Lower	Upper
73	100		
87	23.2	18.6	28.0
71	10.7	9.0	13.6

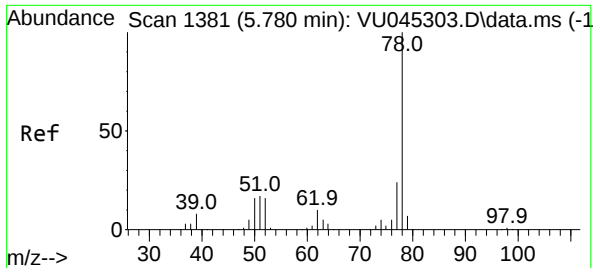


#34
Propionitrile
Concen: 3.750 ug/l
RT: 4.796 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17



Tgt Ion:	54	Resp:	3715
Ion Ratio	100	Lower	Upper
54	100		
52	6.4	11.9	17.9#
55	4.6	8.0	12.0#
40	3.6	3.0	4.4

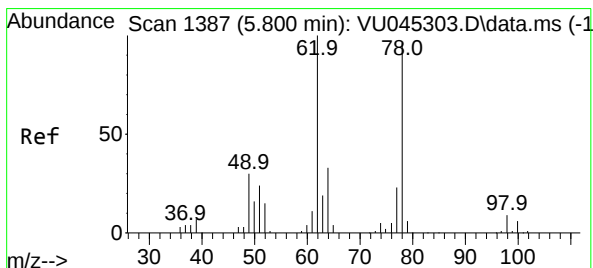
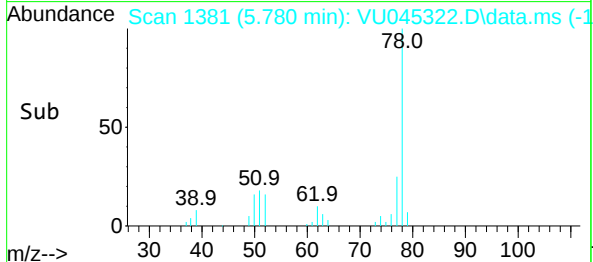
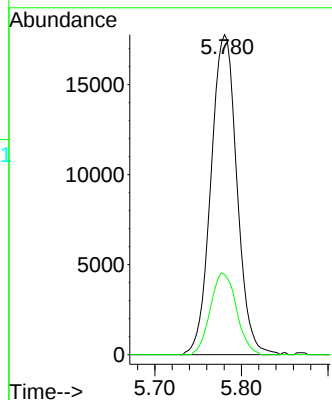
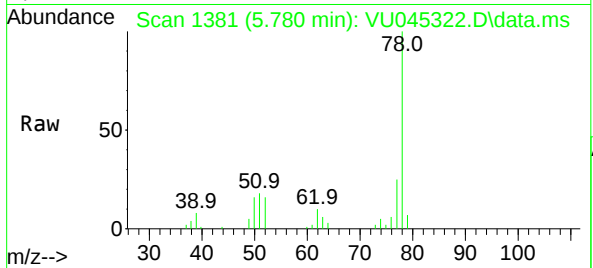




#35
Benzene
Concen: 0.805 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

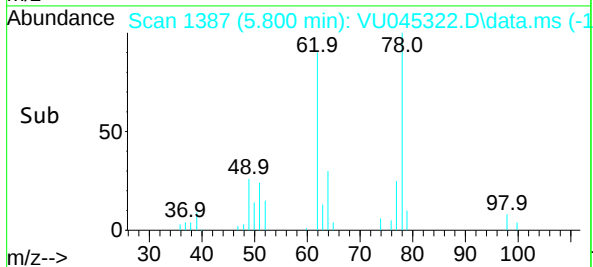
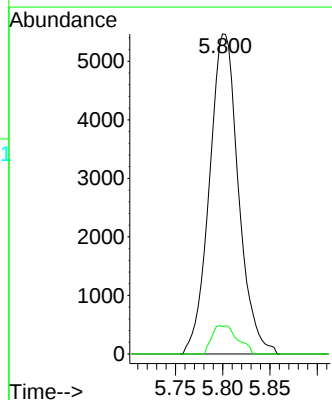
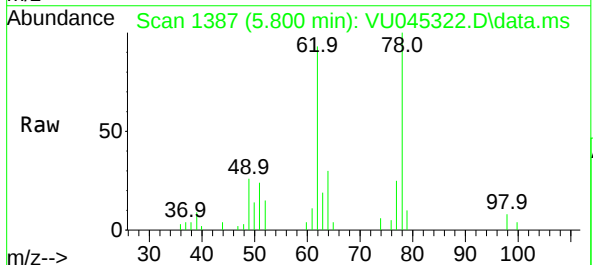
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

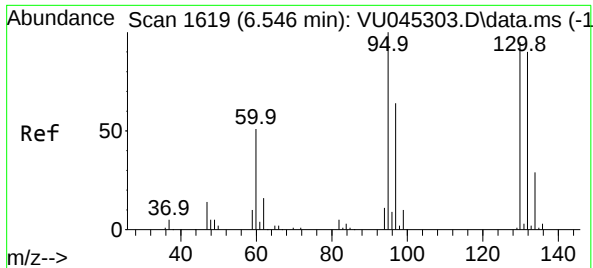
Tgt Ion: 78 Resp: 37009
Ion Ratio Lower Upper
78 100
77 25.1 19.1 28.7



#36
1,2-Dichloroethane
Concen: 0.796 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 62 Resp: 11682
Ion Ratio Lower Upper
62 100
98 7.8 7.3 10.9

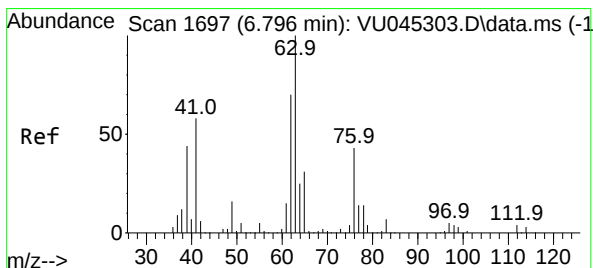
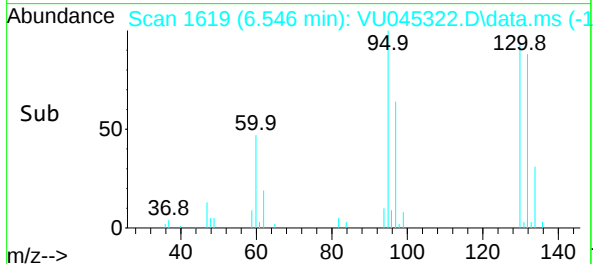
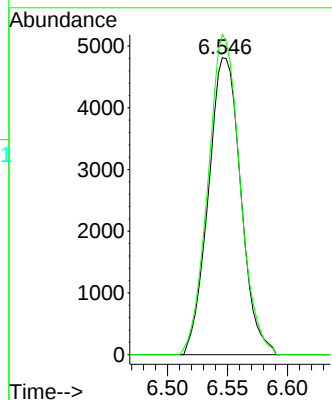
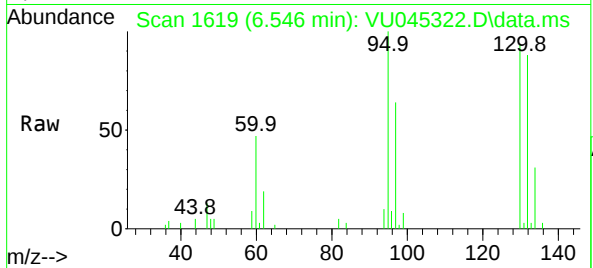




#37
Trichloroethene
Concen: 0.809 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

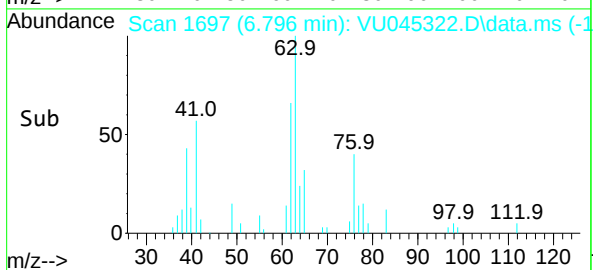
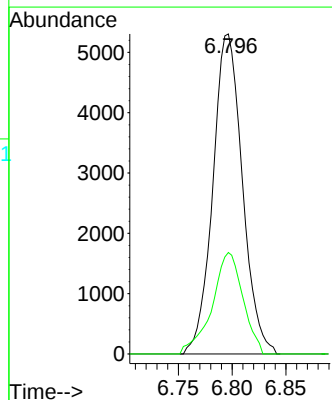
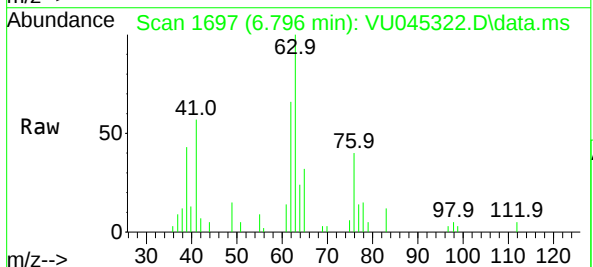
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

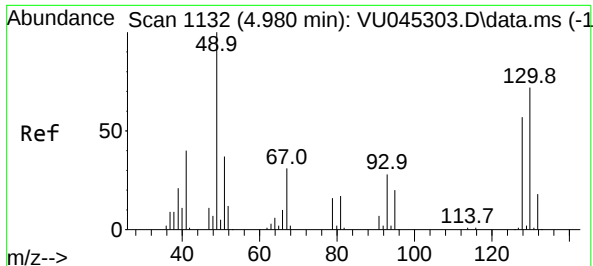
Tgt Ion:130 Resp: 9049
Ion Ratio Lower Upper
130 100
95 107.8 83.8 125.8



#38
1,2-Dichloropropane
Concen: 0.850 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 63 Resp: 10136
Ion Ratio Lower Upper
63 100
65 31.7 24.7 37.1





#39

Methacrylonitrile

Concen: 0.736 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

Tgt Ion: 41 Resp: 2886

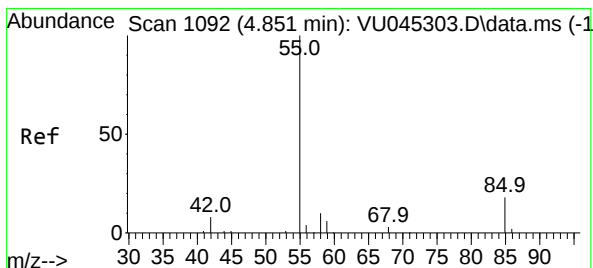
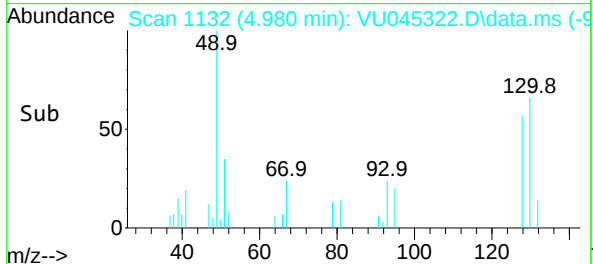
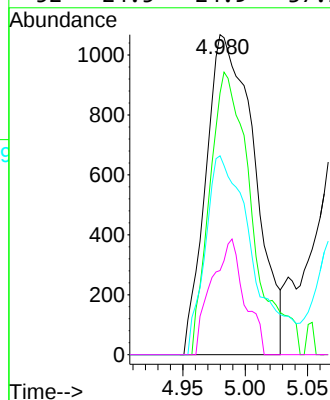
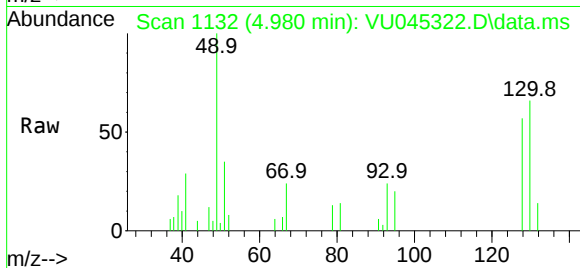
Ion Ratio Lower Upper

41 100

67 77.0 65.2 97.8

39 60.5 43.0 64.6

52 24.5 24.9 37.3#



#40

Methyl acrylate

Concen: 0.636 ug/l

RT: 4.861 min Scan# 1095

Delta R.T. 0.010 min

Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

Tgt Ion: 55 Resp: 4159

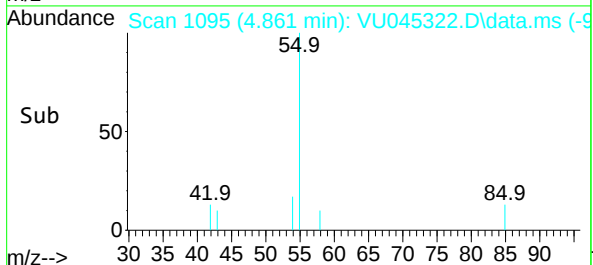
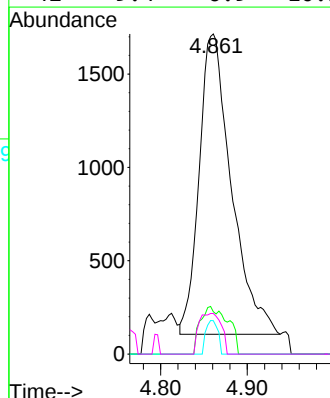
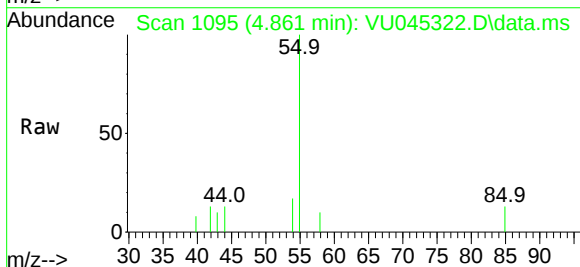
Ion Ratio Lower Upper

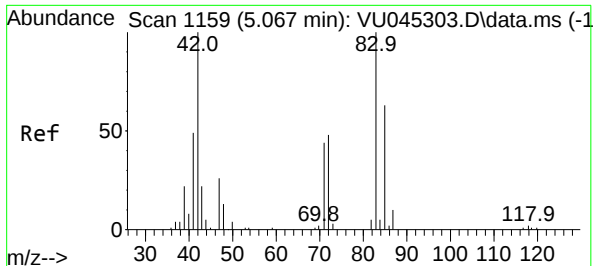
55 100

85 13.6 12.2 18.2

58 4.1 6.7 10.1#

42 9.4 6.9 10.3

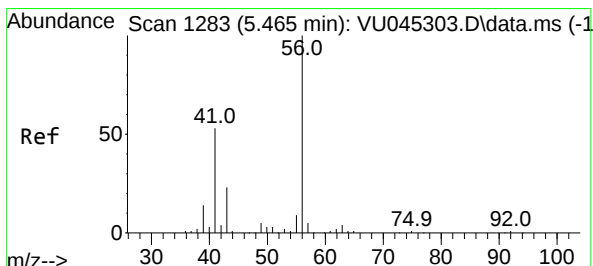
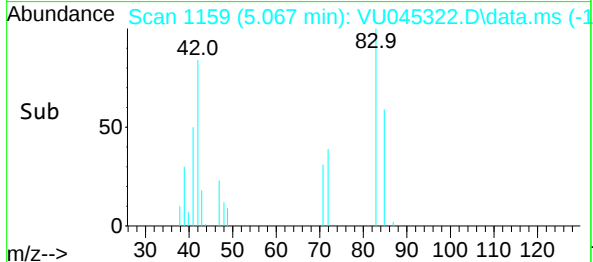
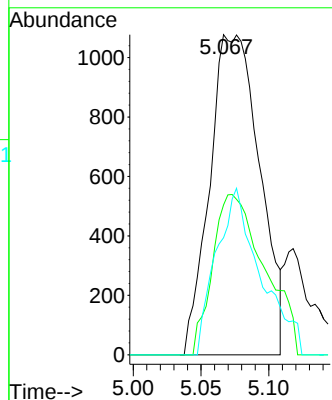
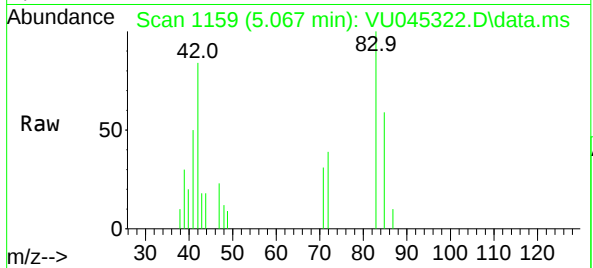




#41
Tetrahydrofuran
Concen: 1.235 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

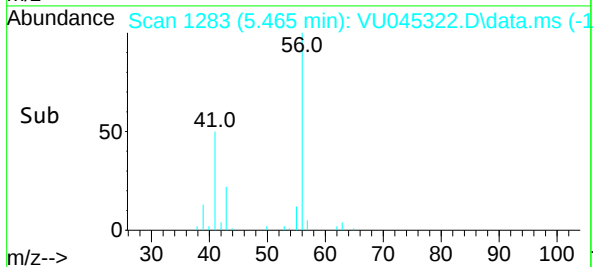
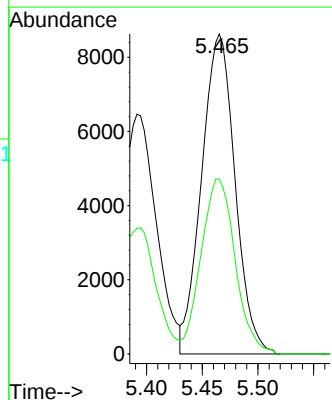
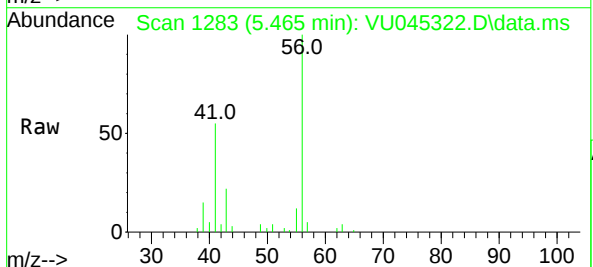
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

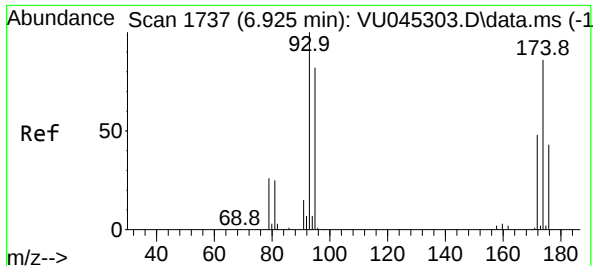
Tgt Ion:	42	Resp:	2770
Ion	Ratio	Lower	Upper
42	100		
72	51.7	42.4	63.6
71	45.7	36.4	54.6



#42
1-Chlorobutane
Concen: 0.788 ug/l
RT: 5.465 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion:	56	Resp:	18010
Ion	Ratio	Lower	Upper
56	100		
41	56.0	26.0	78.0





#43

Dibromomethane

Concen: 0.802 ug/l

RT: 6.925 min Scan# 1737

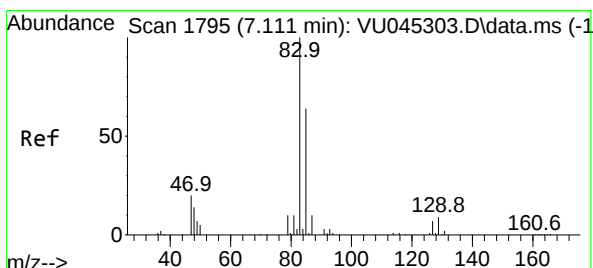
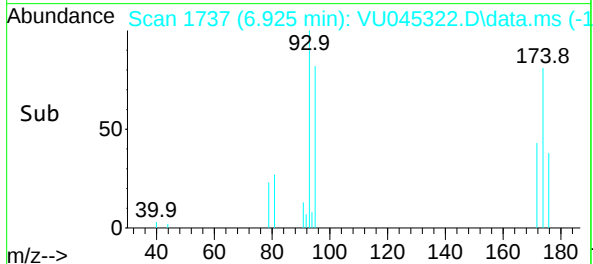
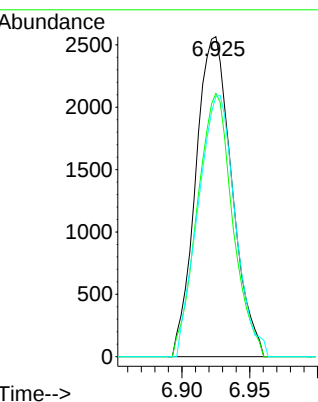
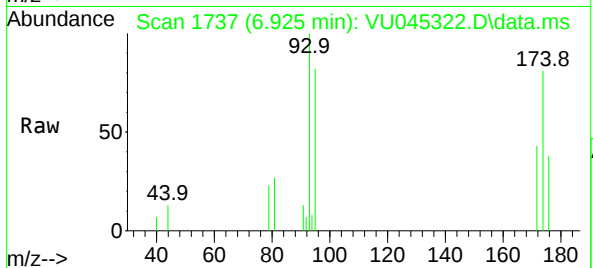
Delta R.T. 0.000 min

Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

Tgt Ion: 93 Resp: 4750

Ion	Ratio	Lower	Upper
93	100		
95	80.6	66.2	99.2
174	83.6	70.7	106.1



#44

Bromodichloromethane

Concen: 0.806 ug/l

RT: 7.108 min Scan# 1794

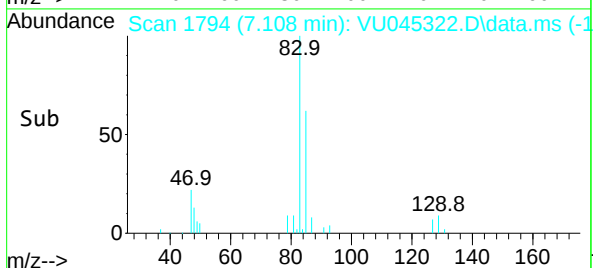
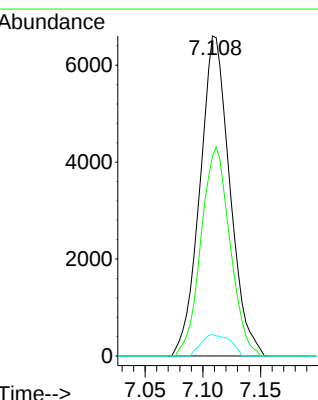
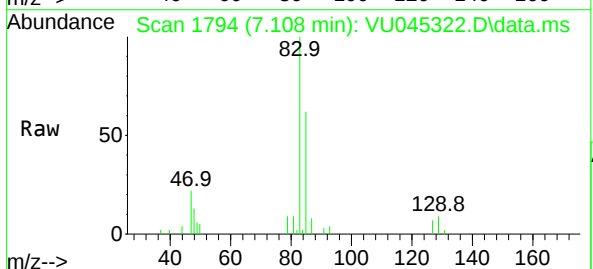
Delta R.T. -0.003 min

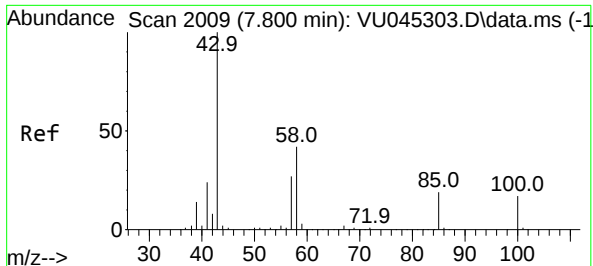
Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

Tgt Ion: 83 Resp: 11901

Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.9	76.3
127	6.7	6.0	9.0





#45

4-Methyl-2-Pentanone

Concen: 3.529 ug/l

RT: 7.800 min Scan# 2009

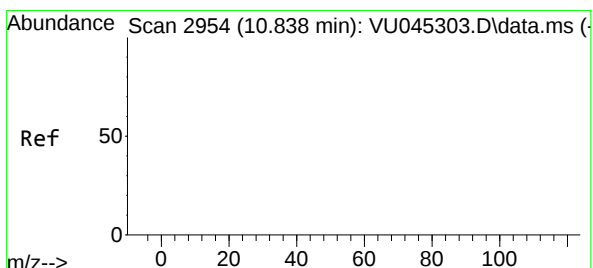
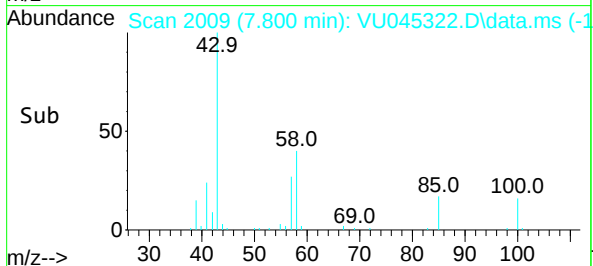
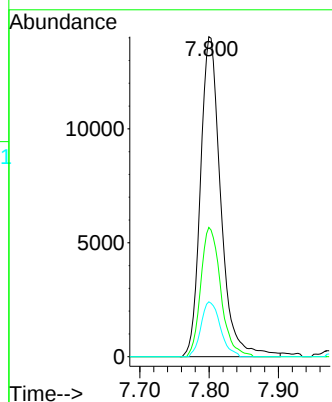
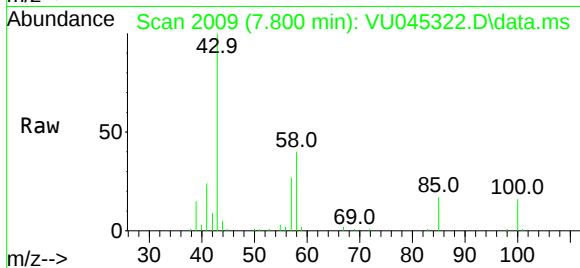
Delta R.T. 0.000 min

Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

Tgt Ion:	43	Resp:	28533
Ion	Ratio	Lower	Upper
43	100		
58	39.8	21.0	63.0
85	16.3	14.8	22.2

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



#46

t-1,4-Dichloro-2-butene

Concen: 3.410 ug/l

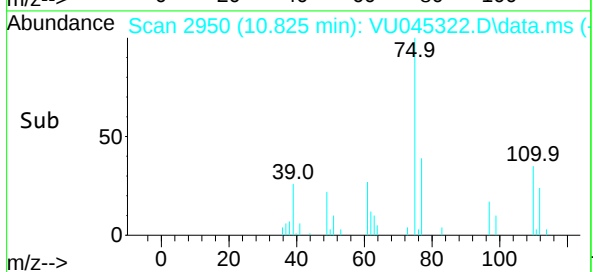
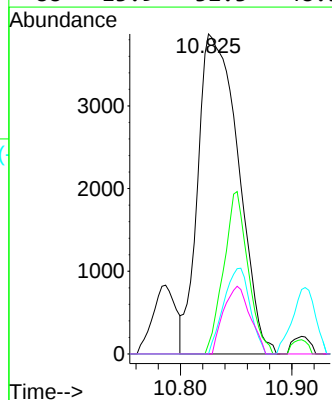
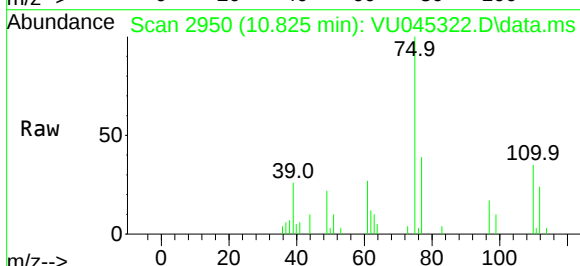
RT: 10.825 min Scan# 2950

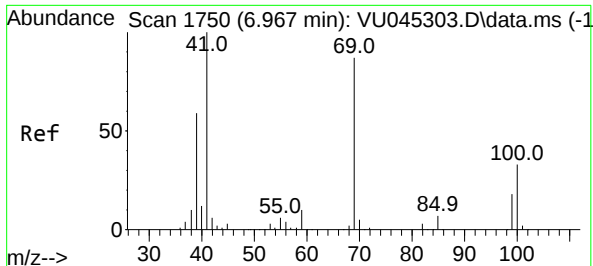
Delta R.T. -0.013 min

Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

Tgt Ion:	75	Resp:	9707
Ion	Ratio	Lower	Upper
75	100		
53	30.8	66.8	100.2#
89	17.5	41.7	62.5#
88	13.9	32.3	48.5#





#47

Methyl methacrylate

Concen: 1.349 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

Tgt Ion: 69 Resp: 8098

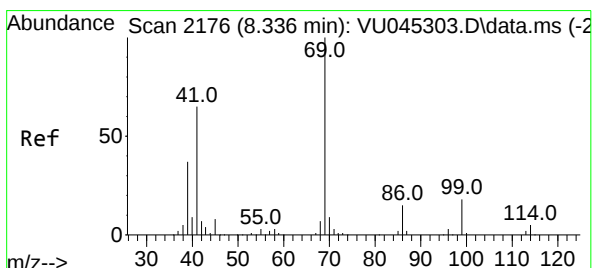
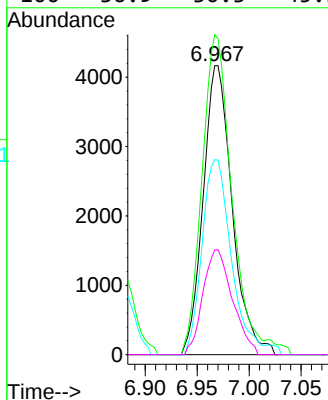
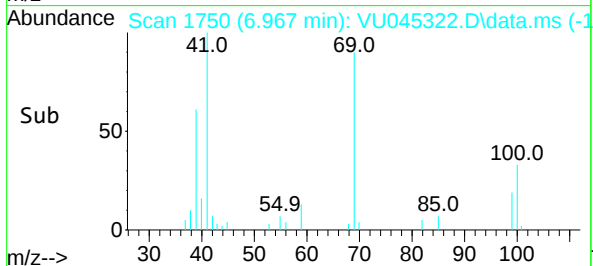
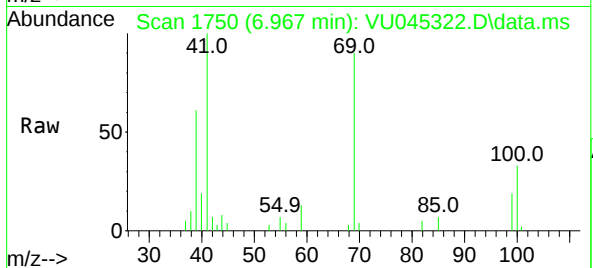
Ion Ratio Lower Upper

69 100

41 114.8 0.0 230.0

39 67.7 55.1 82.7

100 36.9 30.3 45.5



#48

Ethyl methacrylate

Concen: 0.673 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU045322.D

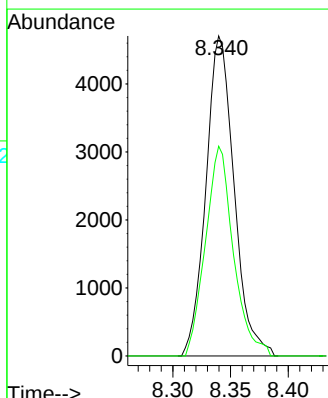
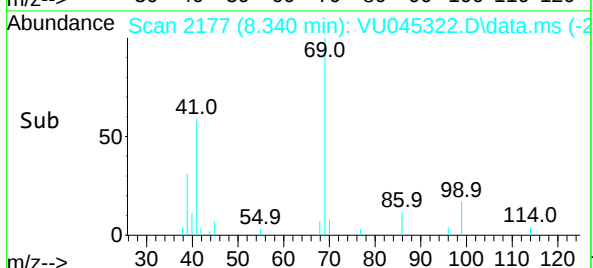
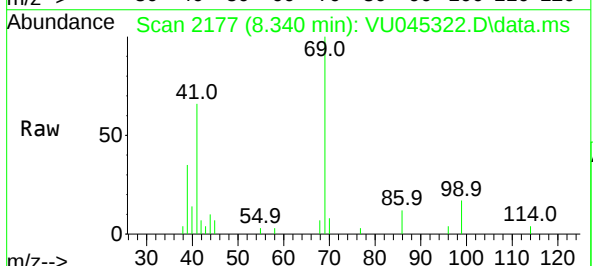
Acq: 15 Oct 2021 15:17

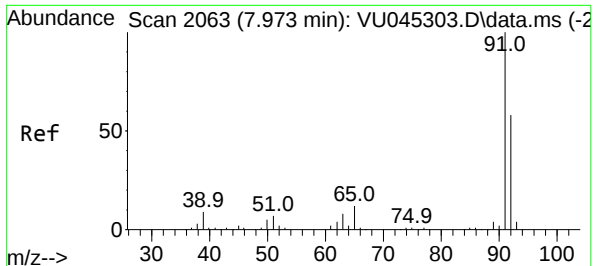
Tgt Ion: 69 Resp: 7982

Ion Ratio Lower Upper

69 100

41 64.9 32.6 98.0





#49

Toluene

Concen: 0.753 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045322.D

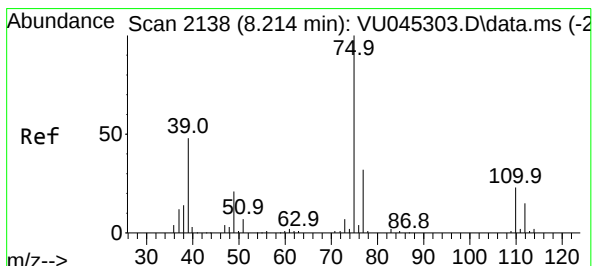
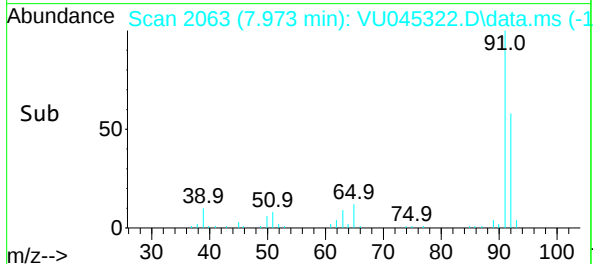
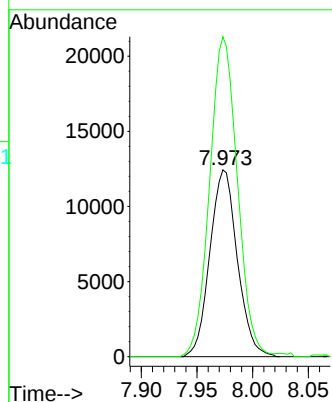
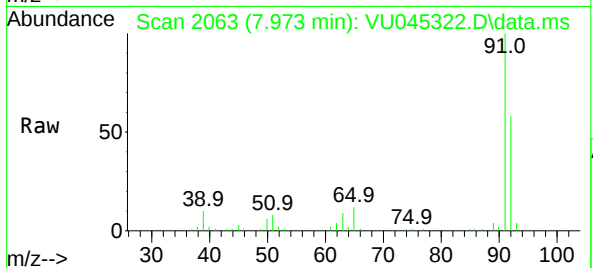
Acq: 15 Oct 2021 15:17

Tgt Ion: 92 Resp: 21299

Ion Ratio Lower Upper

92 100

91 173.2 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 0.731 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU045322.D

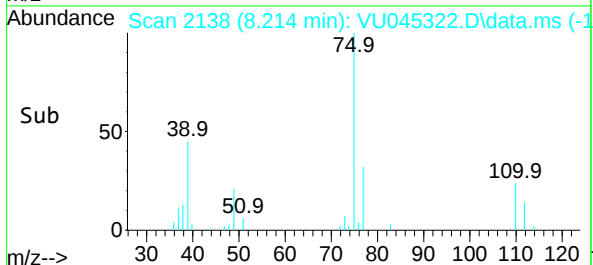
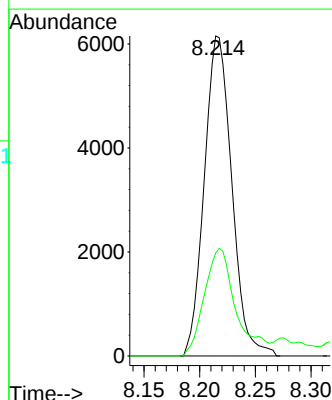
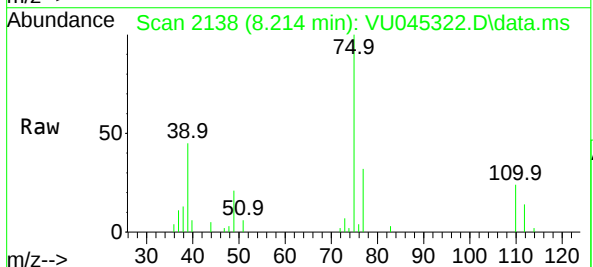
Acq: 15 Oct 2021 15:17

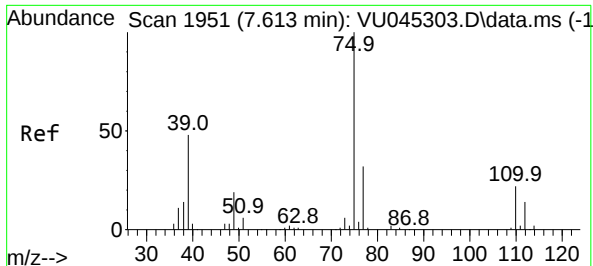
Tgt Ion: 75 Resp: 10564

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

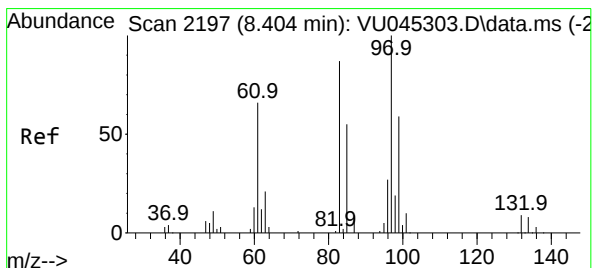
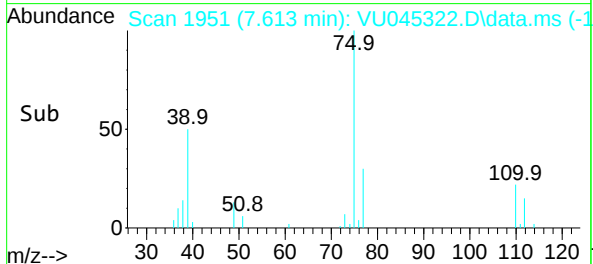
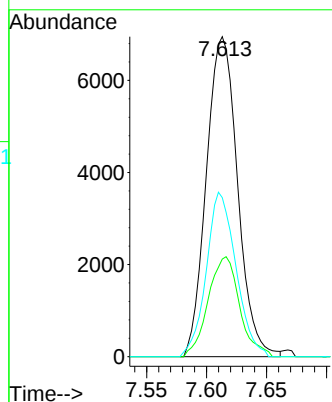
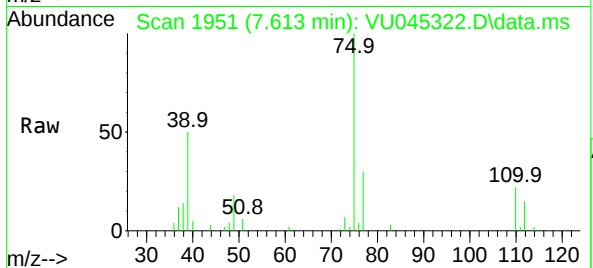




#51
 cis-1,3-Dichloropropene
 Concen: 0.746 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU045322.D
 Acq: 15 Oct 2021 15:17

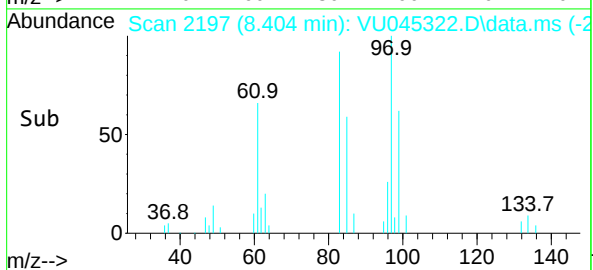
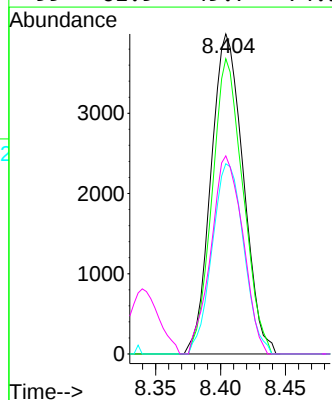
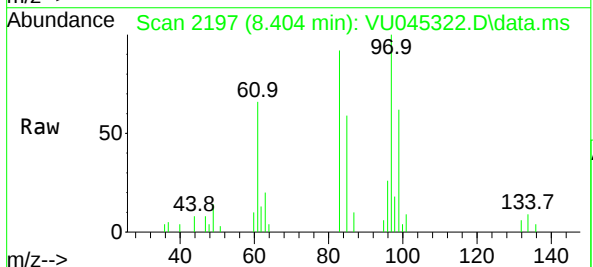
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2021

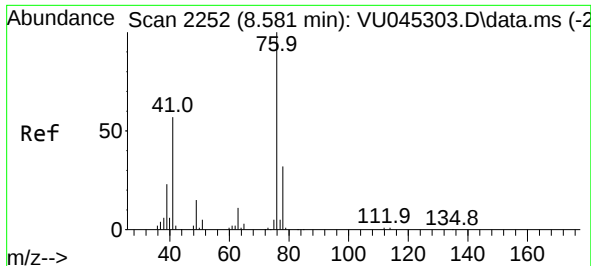
Tgt Ion:	75	Resp:	12607
Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.2	37.8
39	49.7	38.6	57.8



#52
 1,1,2-Trichloroethane
 Concen: 0.805 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU045322.D
 Acq: 15 Oct 2021 15:17

Tgt Ion:	97	Resp:	6874
Ion	Ratio	Lower	Upper
97	100		
83	92.2	69.8	104.8
85	59.5	44.2	66.4
99	61.9	49.7	74.5

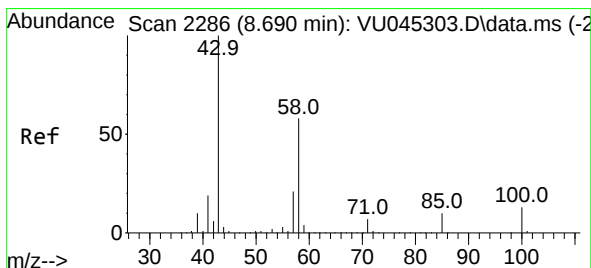
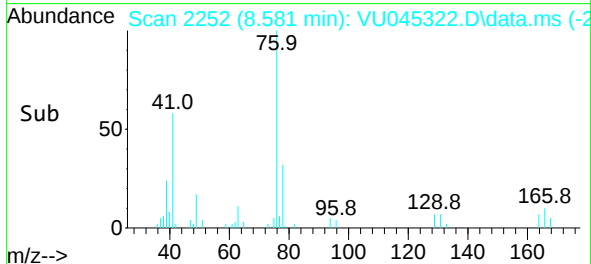
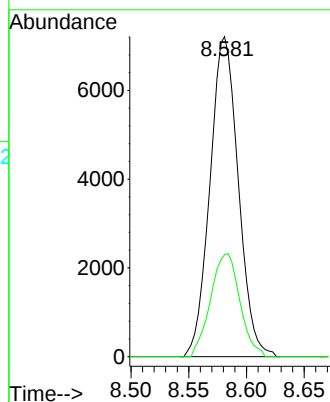
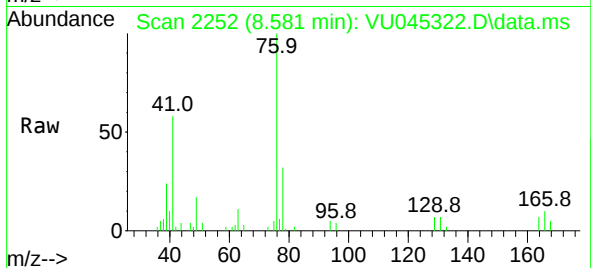




#53
1,3-Dichloropropane
Concen: 0.774 ug/l
RT: 8.581 min Scan# 2252
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

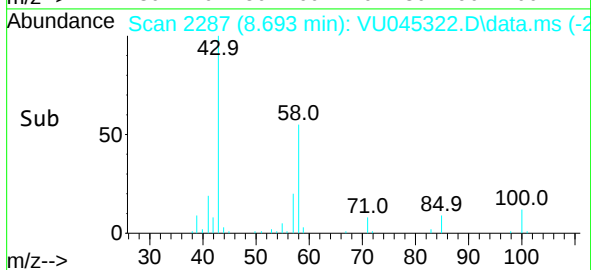
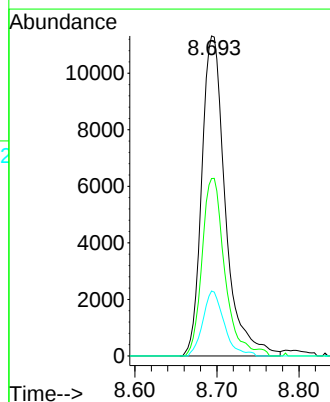
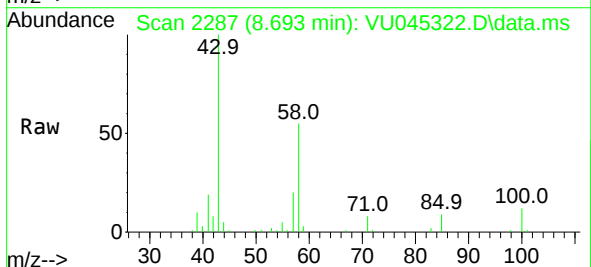
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

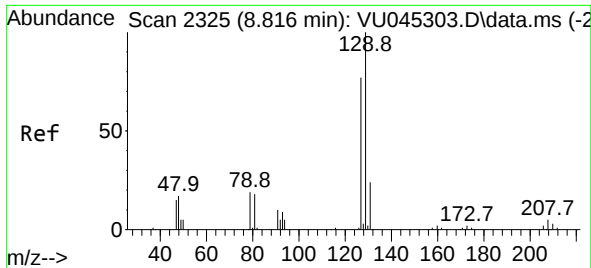
Tgt Ion: 76 Resp: 12308
Ion Ratio Lower Upper
76 100
78 33.2 25.4 38.2



#54
2-Hexanone
Concen: 3.618 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 43 Resp: 22596
Ion Ratio Lower Upper
43 100
58 53.1 37.7 77.7
57 18.3 0.5 40.5

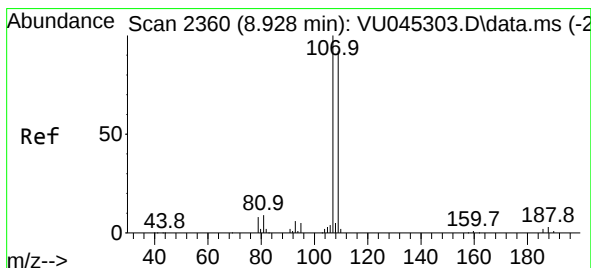
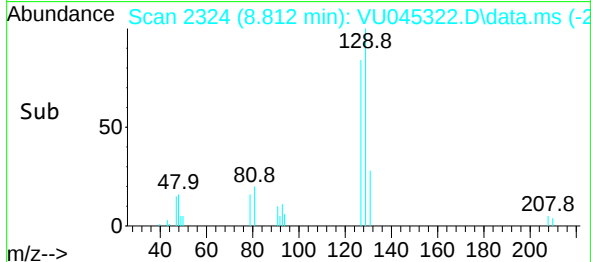
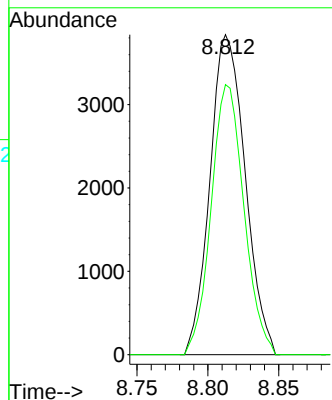
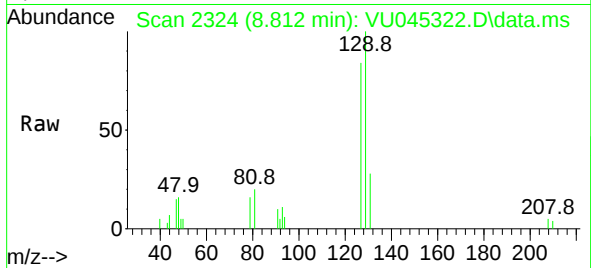




#55
Dibromochloromethane
Concen: 0.741 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

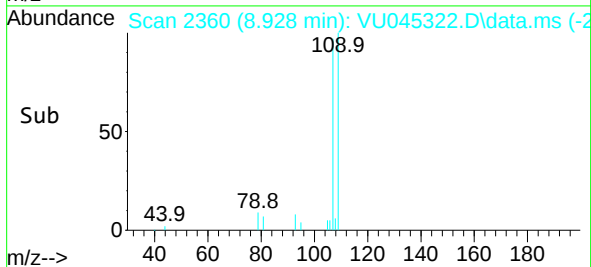
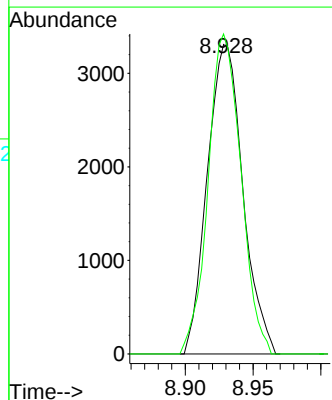
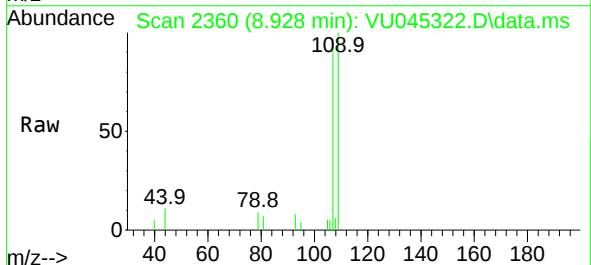
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

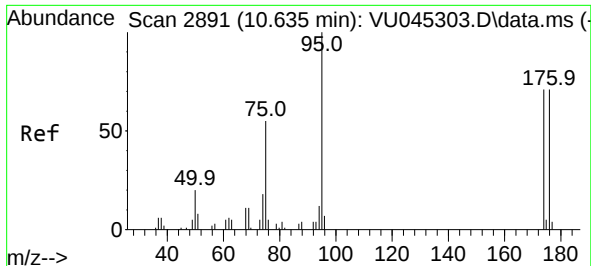
Tgt Ion:129 Resp: 6643
Ion Ratio Lower Upper
129 100
127 78.4 62.2 93.4



#56
1,2-Dibromoethane
Concen: 0.752 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion:107 Resp: 6043
Ion Ratio Lower Upper
107 100
109 95.4 0.0 185.0

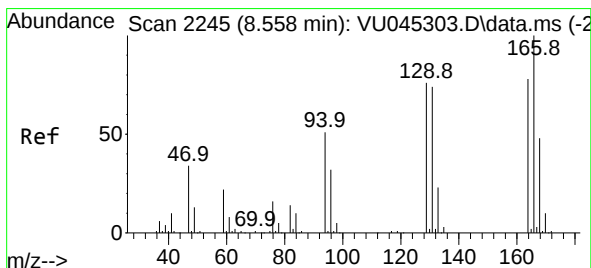
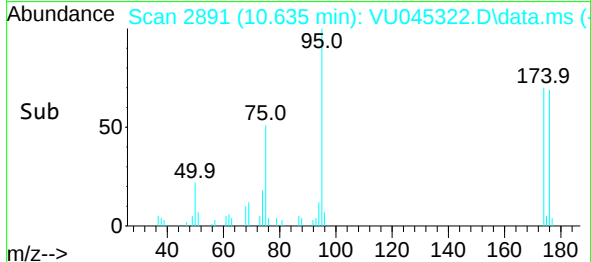
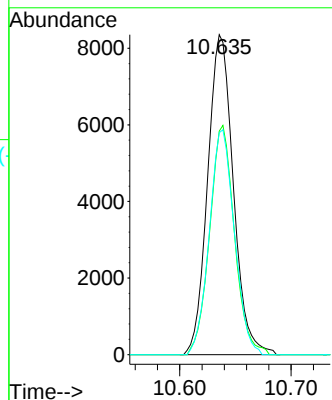
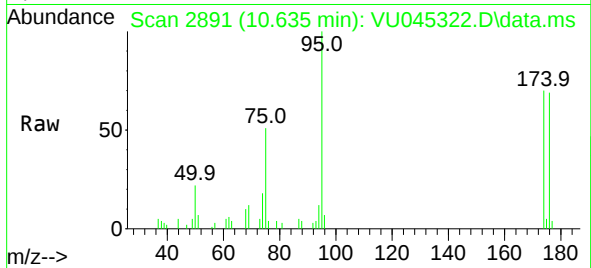




#57
4-Bromofluorobenzene
Concen: 0.921 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

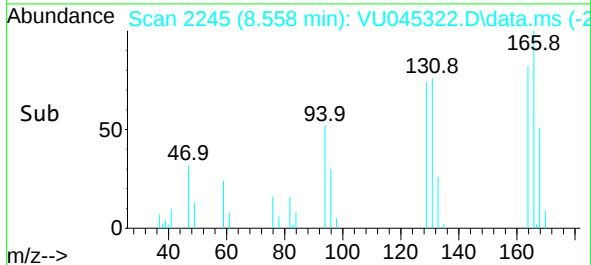
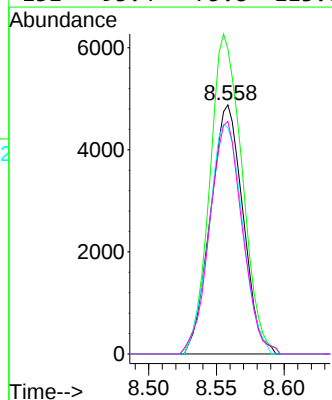
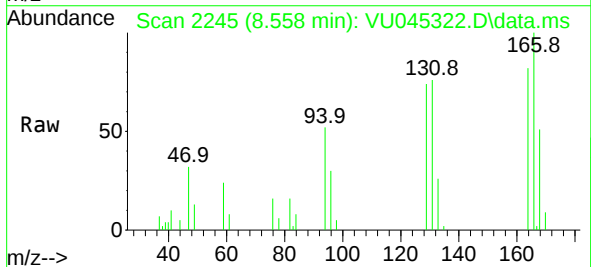
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

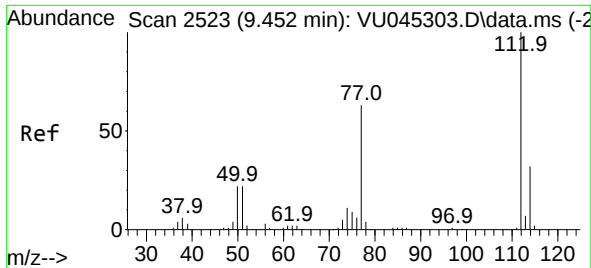
Tgt Ion:	95	Resp:	13377
Ion	Ratio	Lower	Upper
95	100		
174	69.2	56.6	84.8
176	68.6	54.3	81.5



#58
Tetrachloroethene
Concen: 0.810 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion:	164	Resp:	8166
Ion	Ratio	Lower	Upper
164	100		
166	122.5	102.0	153.0
129	90.9	77.1	115.7
131	93.4	75.8	113.6

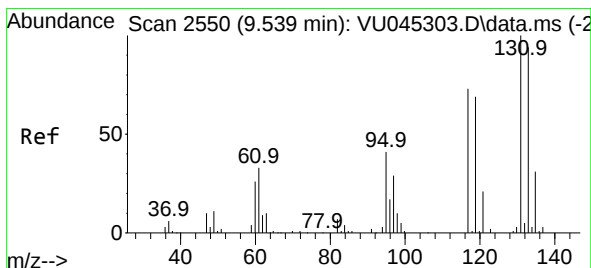
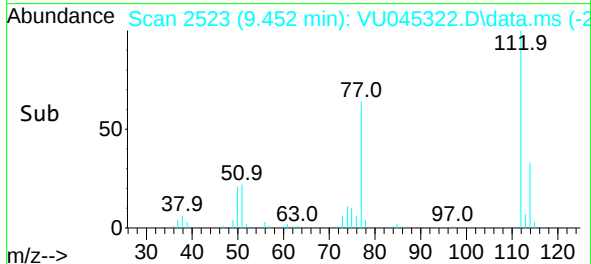
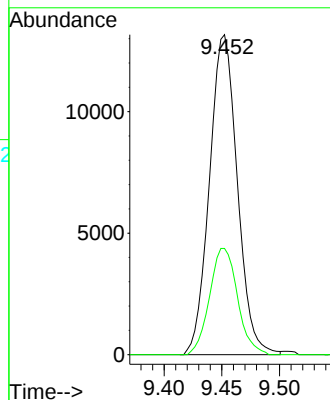
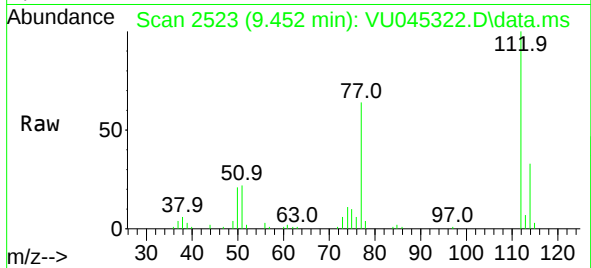




#59
Chlorobenzene
Concen: 0.756 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

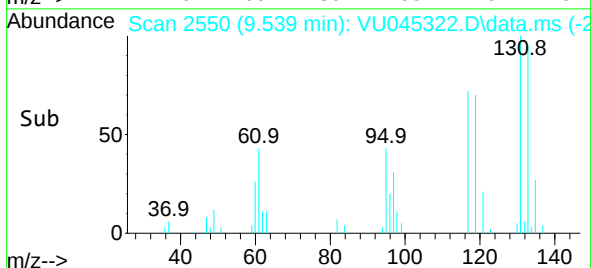
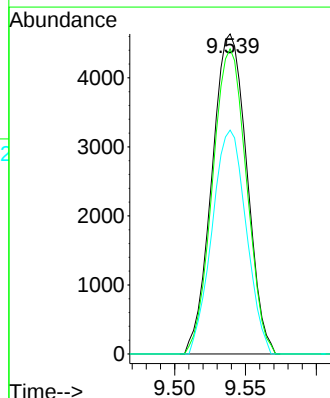
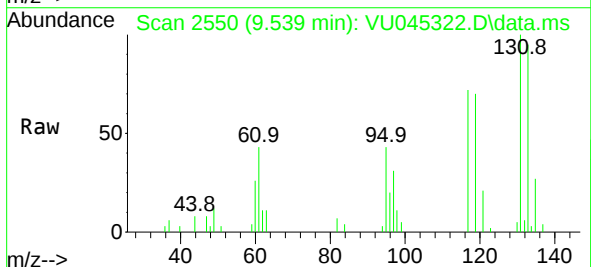
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

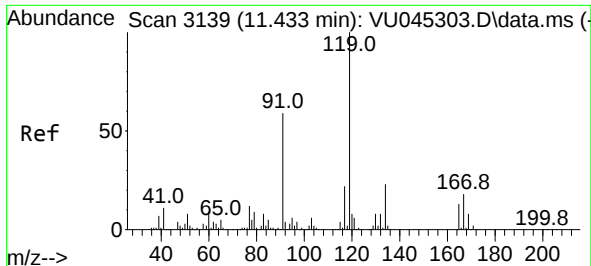
Tgt Ion:112 Resp: 22156
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.0



#60
1,1,1,2-Tetrachloroethane
Concen: 0.814 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion:131 Resp: 7942
Ion Ratio Lower Upper
131 100
133 92.8 76.0 114.0
119 68.2 54.9 82.3

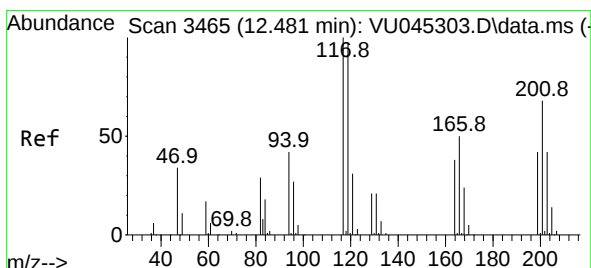
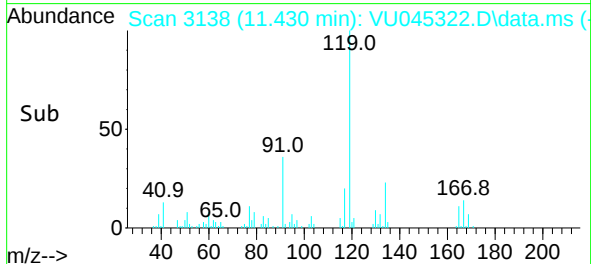
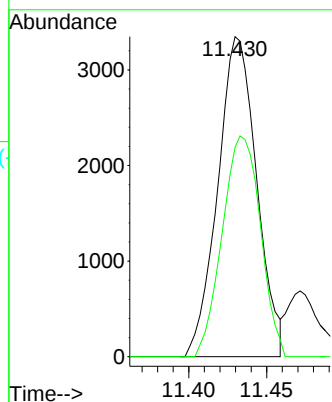
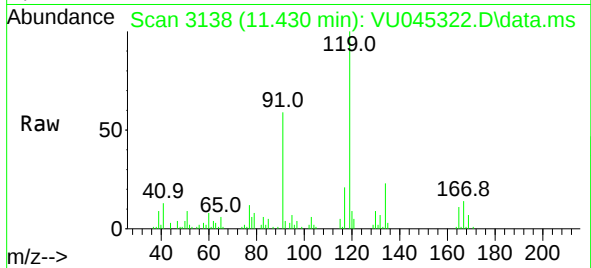




#61
Pentachloroethane
Concen: 0.820 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.003 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

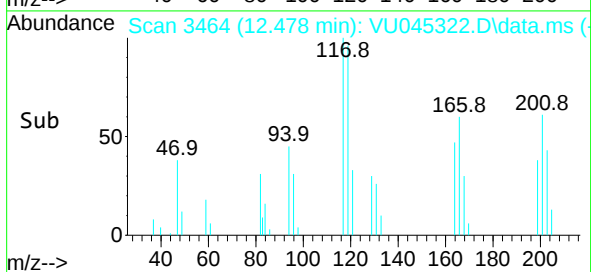
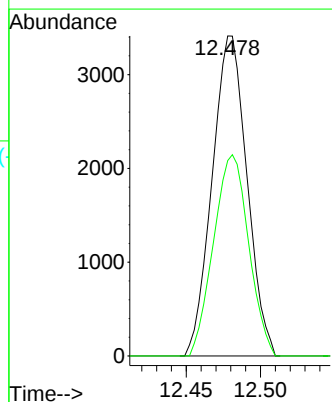
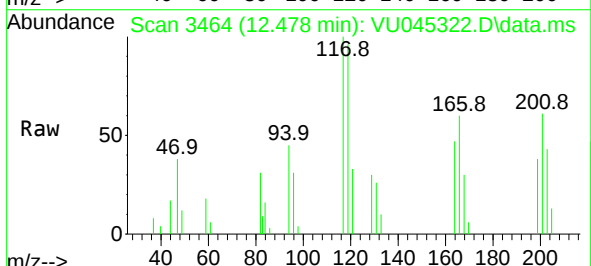
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

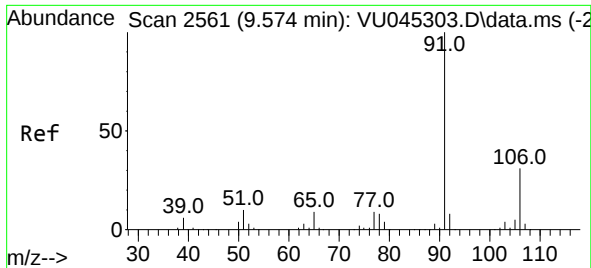
Tgt Ion:117 Resp: 5815
Ion Ratio Lower Upper
117 100
167 67.6 59.7 89.5



#62
Hexachloroethane
Concen: 0.747 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.003 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion:117 Resp: 5567
Ion Ratio Lower Upper
117 100
201 63.3 53.6 80.4

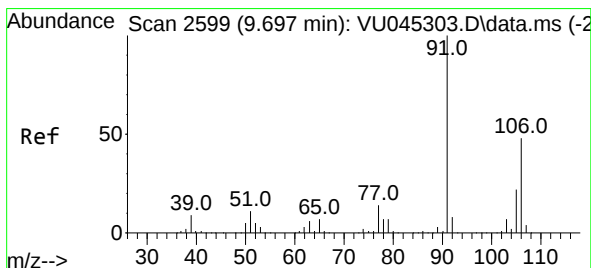
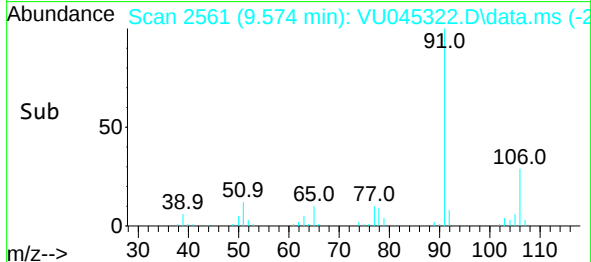
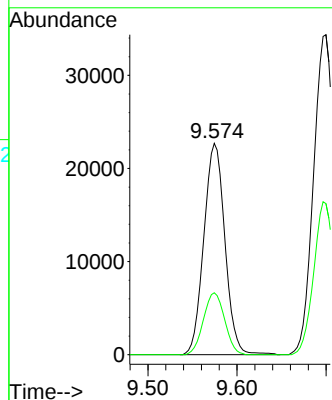
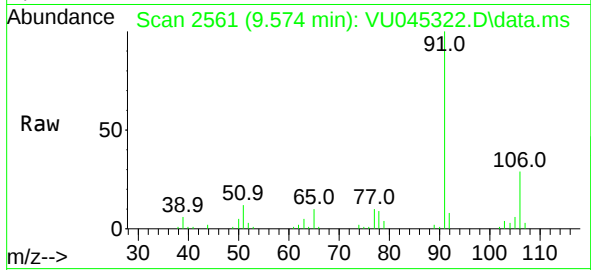




#63
Ethyl Benzene
Concen: 0.708 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

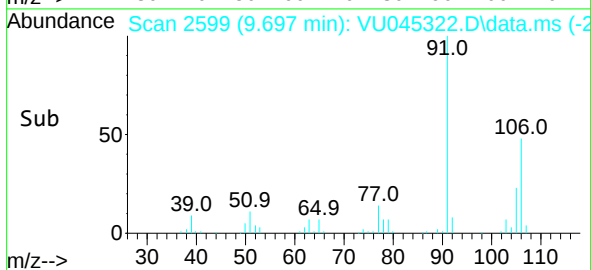
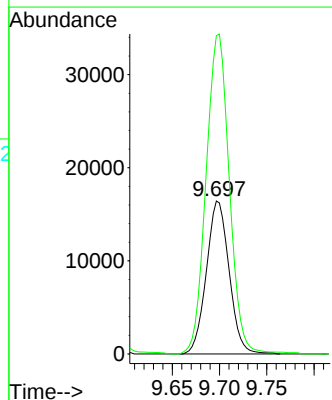
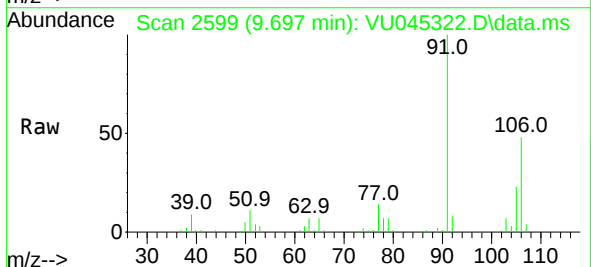
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

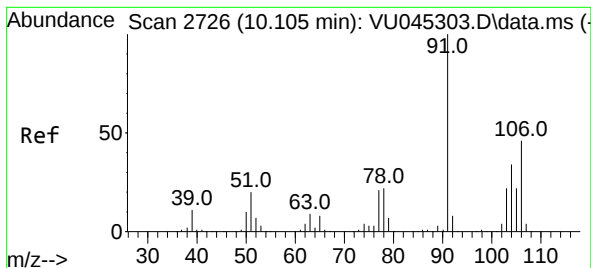
Tgt Ion: 91 Resp: 37312
Ion Ratio Lower Upper
91 100
106 29.3 24.4 36.6



#64
m/p-Xylenes
Concen: 1.377 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 106 Resp: 27534
Ion Ratio Lower Upper
106 100
91 214.0 165.5 248.3

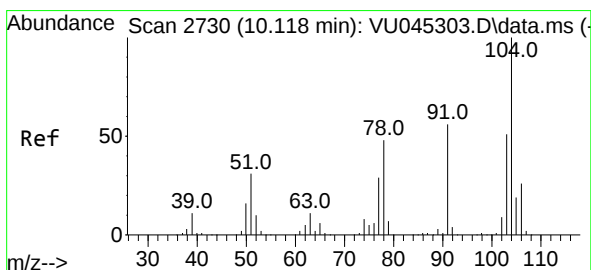
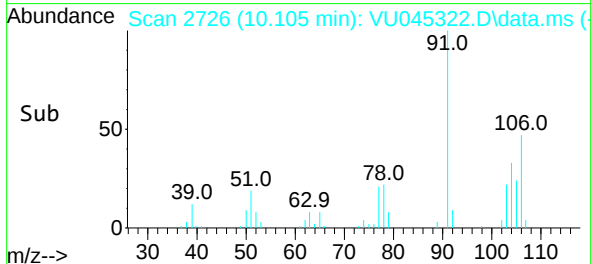
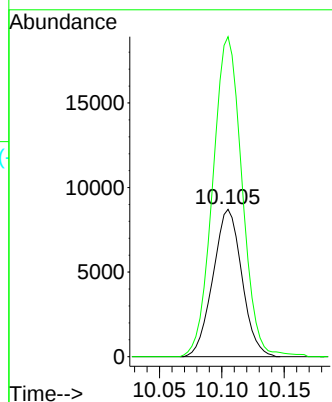
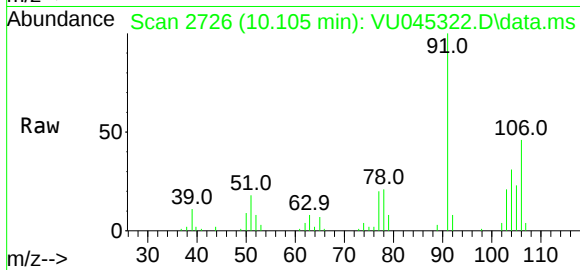




#65
o-Xylene
Concen: 0.720 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

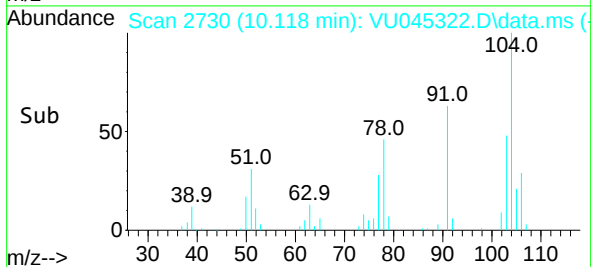
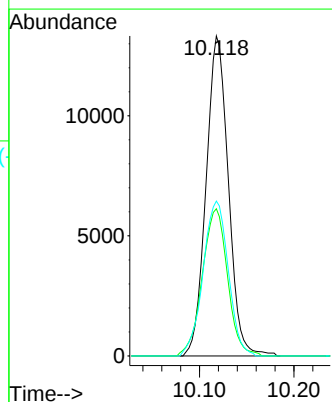
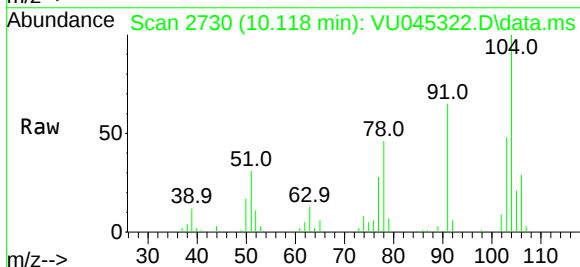
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

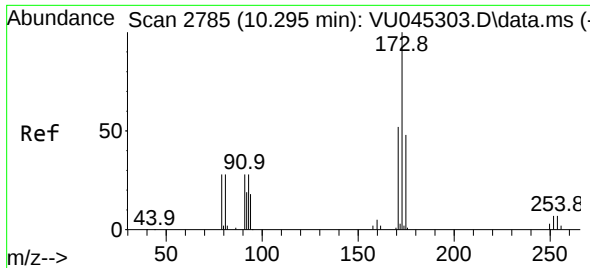
Tgt Ion:106 Resp: 14066
Ion Ratio Lower Upper
106 100
91 220.3 109.4 328.2



#66
Styrene
Concen: 0.685 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

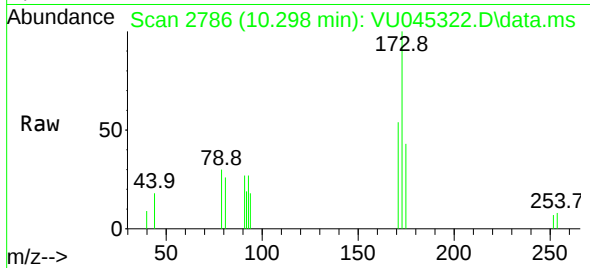
Tgt Ion:104 Resp: 21856
Ion Ratio Lower Upper
104 100
78 52.0 42.4 63.6
103 54.6 44.2 66.4



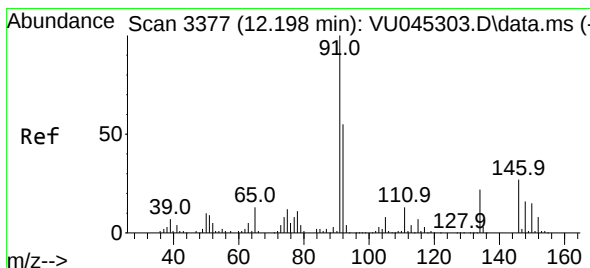
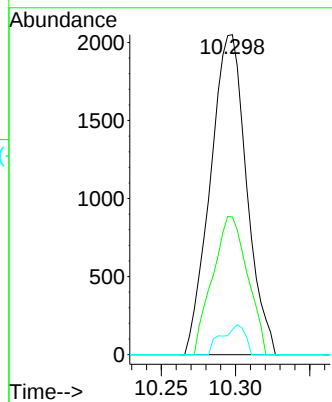
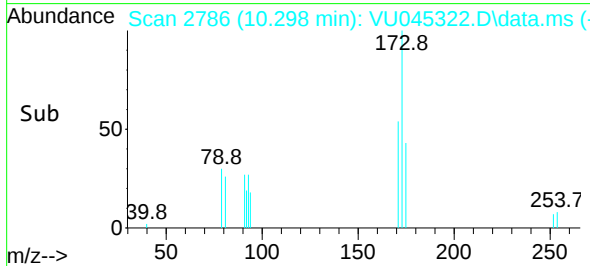


#67
Bromoform
Concen: 0.740 ug/l
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

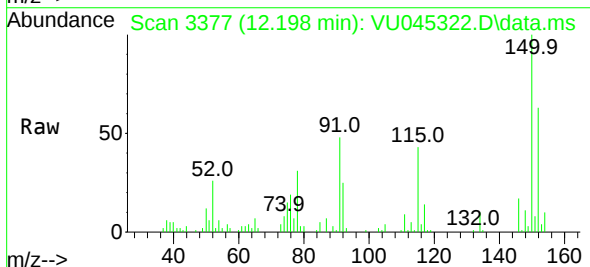
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021



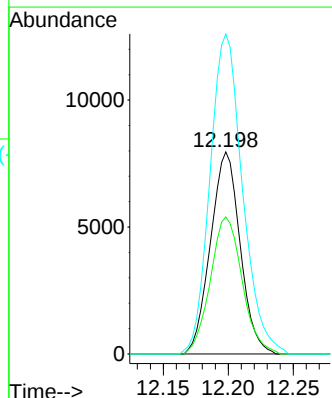
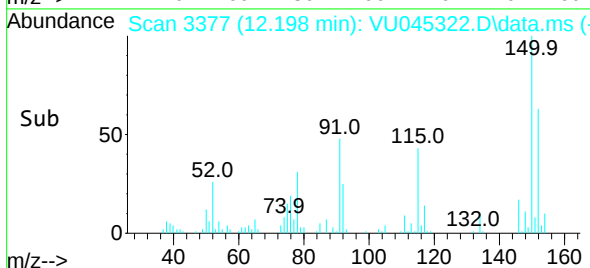
Tgt Ion:173 Resp: 3474
Ion Ratio Lower Upper
173 100
175 41.6 39.0 58.4
254 6.1 5.5 8.3

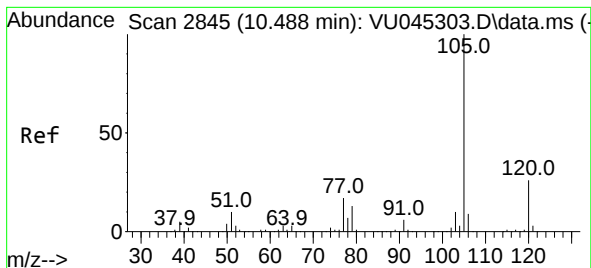


#68
1,2-Dichlorobenzene-d4
Concen: 0.928 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17



Tgt Ion:152 Resp: 12625
Ion Ratio Lower Upper
152 100
115 72.6 0.0 251.0
150 173.7 0.0 613.8





#69

Isopropylbenzene

Concen: 0.707 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU045322.D

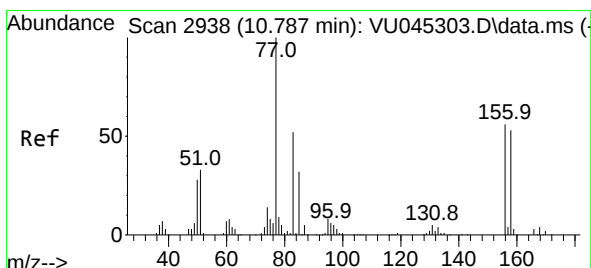
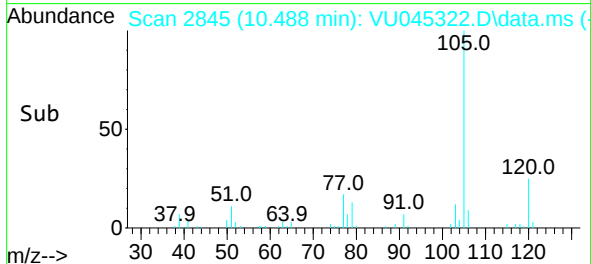
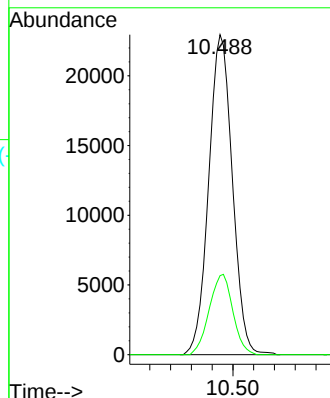
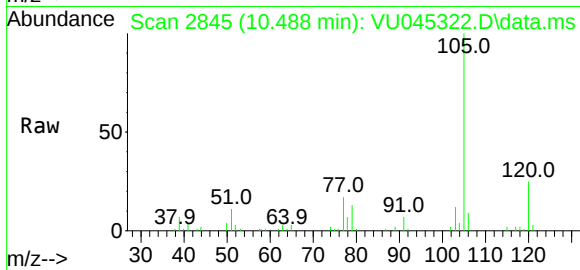
Acq: 15 Oct 2021 15:17

Tgt Ion: 105 Resp: 36238

Ion Ratio Lower Upper

105 100

120 25.0 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.752 ug/l

RT: 10.787 min Scan# 2938

Delta R.T. 0.000 min

Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

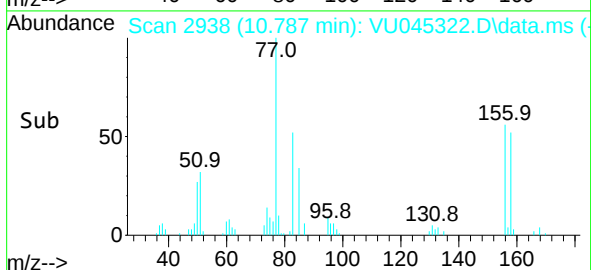
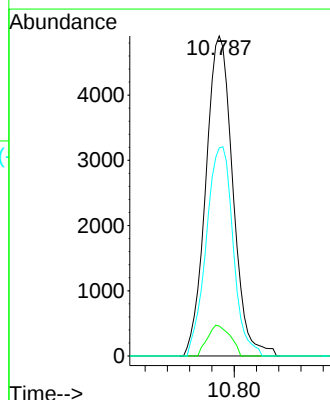
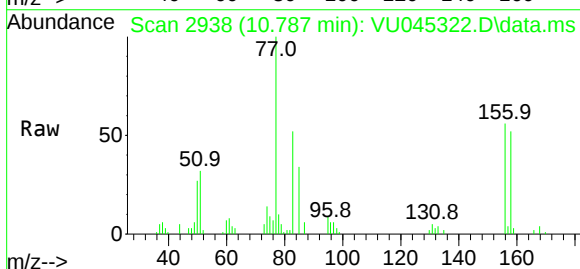
Tgt Ion: 83 Resp: 8254

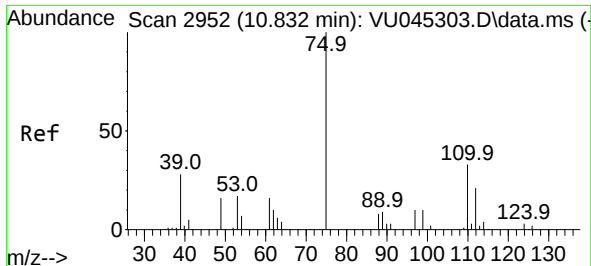
Ion Ratio Lower Upper

83 100

131 8.1 7.6 11.4

85 65.0 50.9 76.3

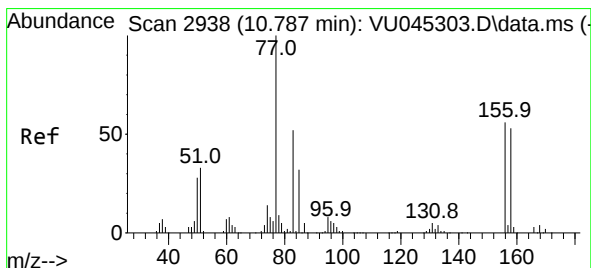
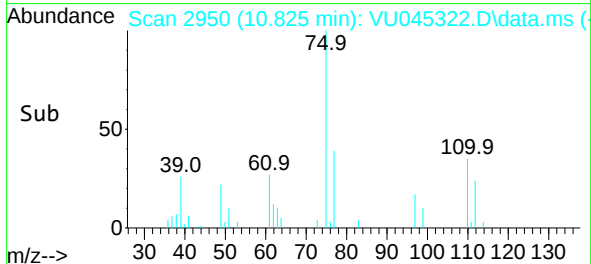
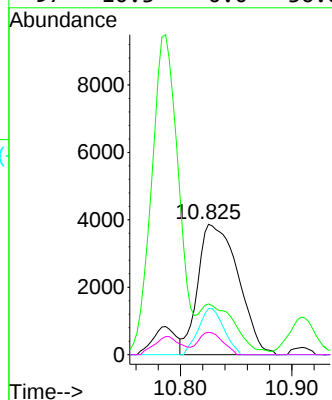
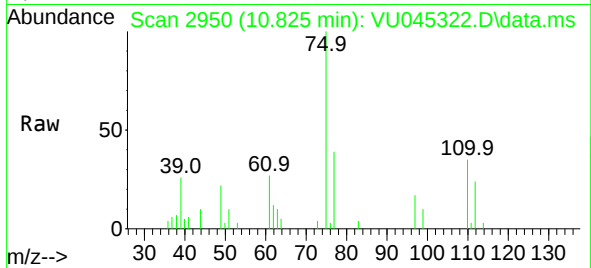




#71
1,2,3-Trichloropropane
Concen: 1.074 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.006 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

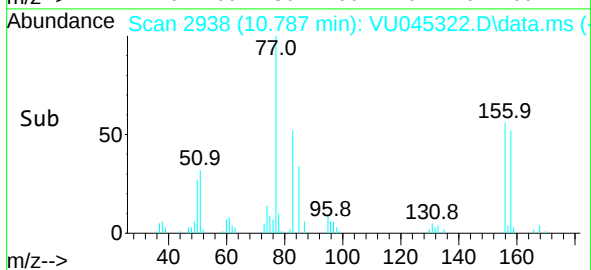
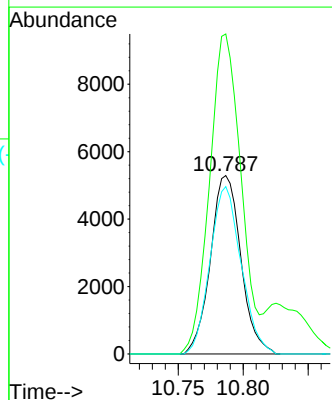
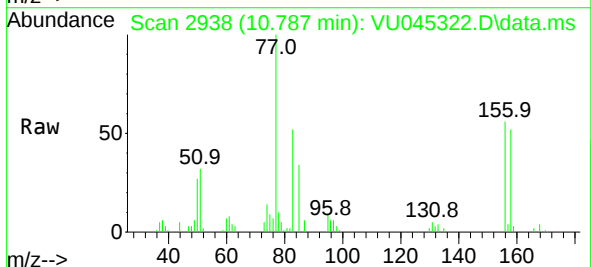
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

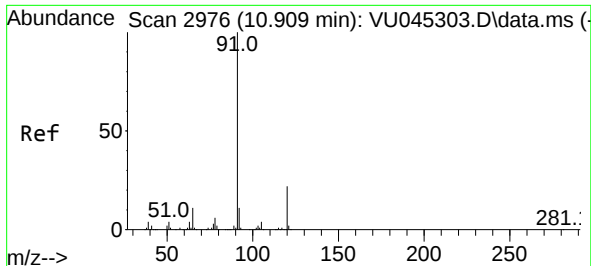
Tgt Ion: 75	Resp:	9707
Ion Ratio	Lower	Upper
75	100	
77	32.6	0.0 105.6
110	22.4	0.0 71.2
97	10.3	0.0 36.8



#72
Bromobenzene
Concen: 0.760 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 156	Resp:	8604
Ion Ratio	Lower	Upper
156	100	
77	184.7	0.0 370.6
158	96.0	0.0 193.4

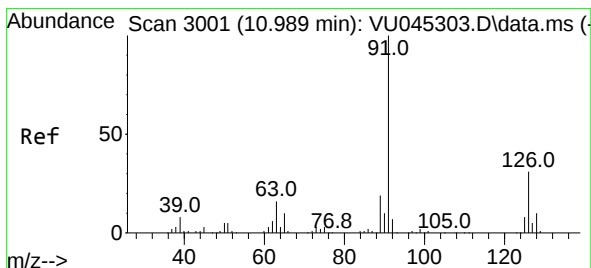
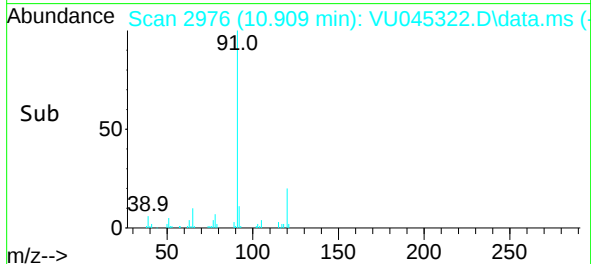
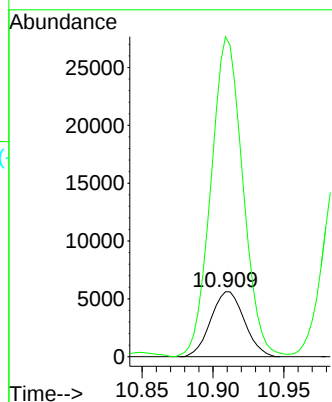
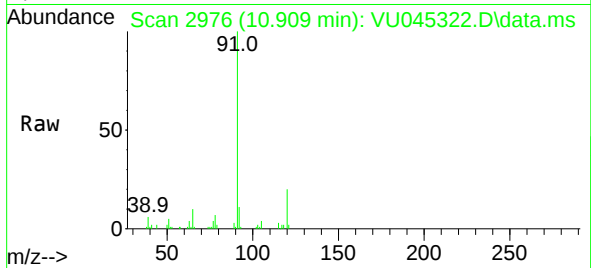




#73
n-propylbenzene
Concen: 0.689 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

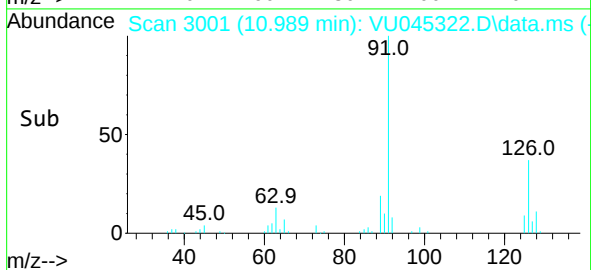
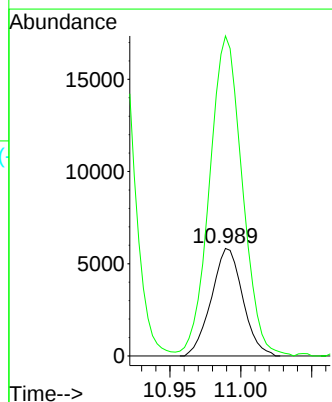
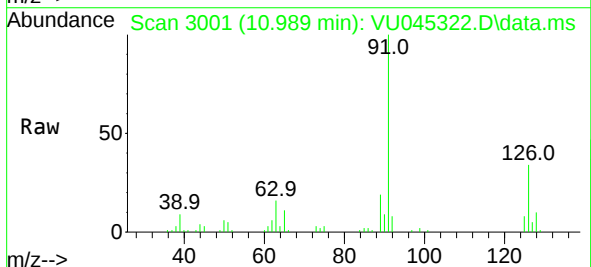
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

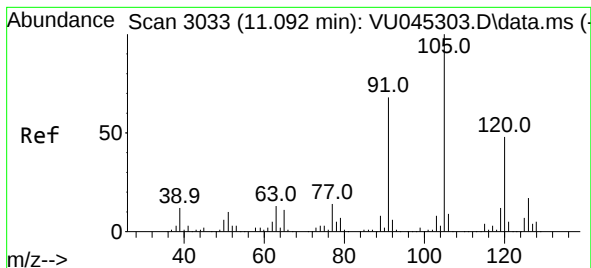
Tgt Ion:120 Resp: 9242
Ion Ratio Lower Upper
120 100
91 468.3 370.7 556.1



#74
2-Chlorotoluene
Concen: 0.775 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion:126 Resp: 8977
Ion Ratio Lower Upper
126 100
91 310.2 0.0 639.6

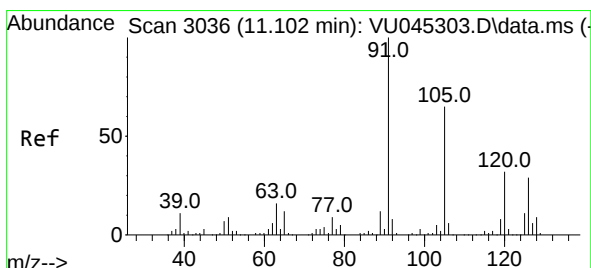
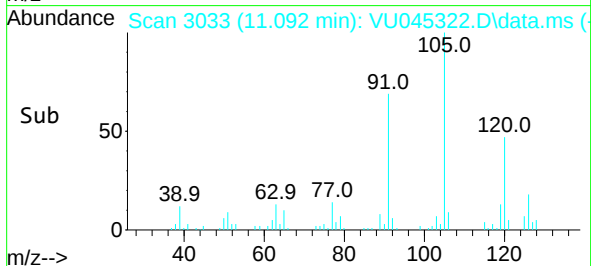
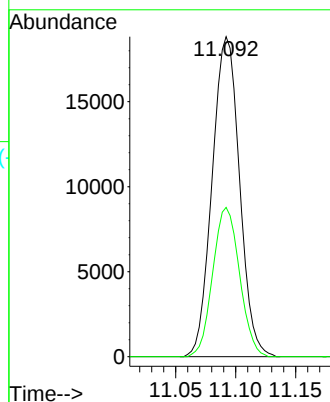
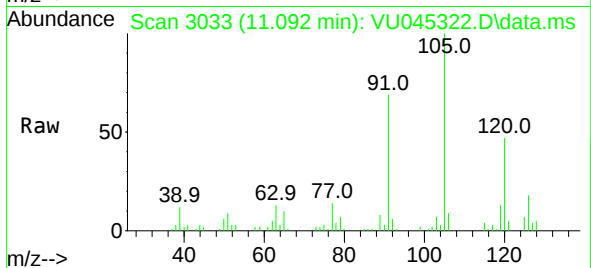




#75
1,3,5-Trimethylbenzene
Concen: 0.697 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

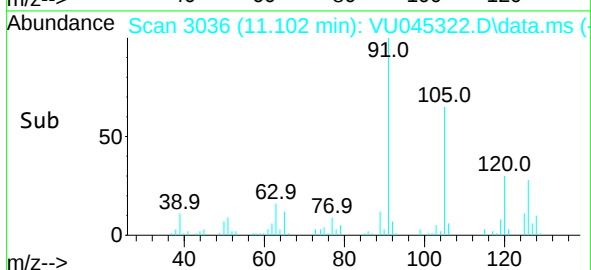
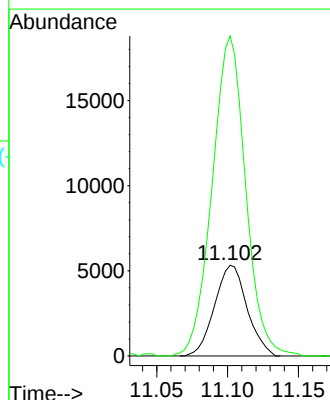
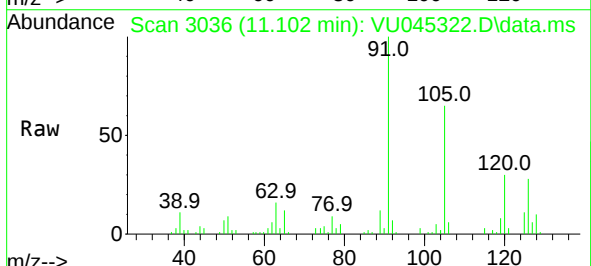
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

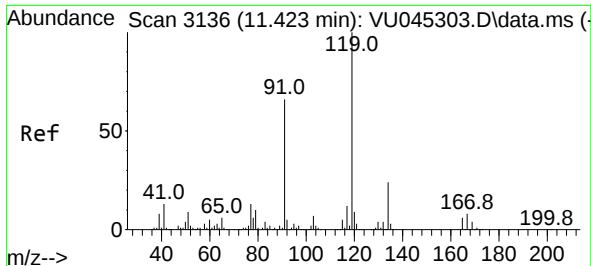
Tgt Ion:105 Resp: 29835
Ion Ratio Lower Upper
105 100
120 45.6 38.6 58.0



#76
4-Chlorotoluene
Concen: 0.718 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion:126 Resp: 8509
Ion Ratio Lower Upper
126 100
91 362.8 0.0 728.0

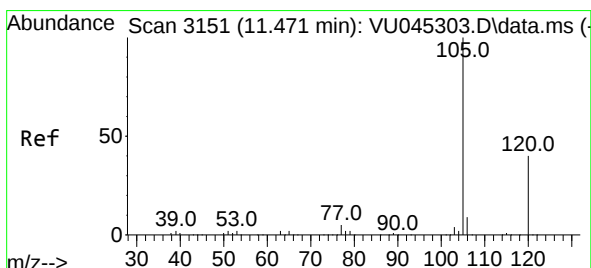
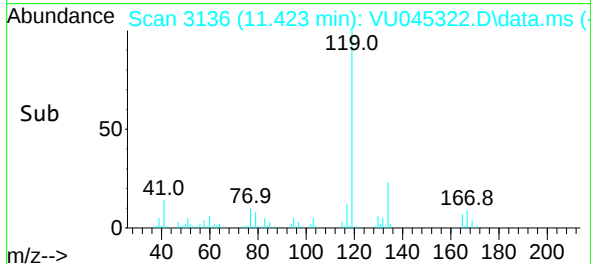
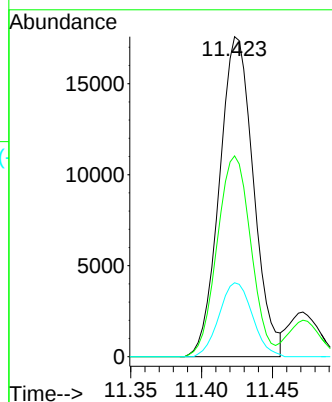
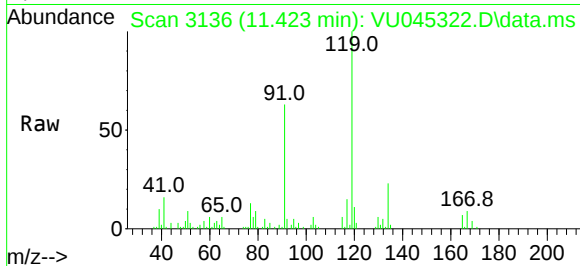




#77
tert-Butylbenzene
Concen: 0.709 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

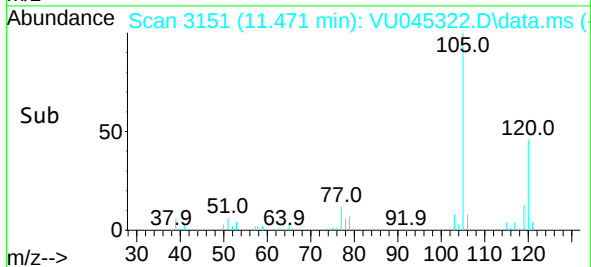
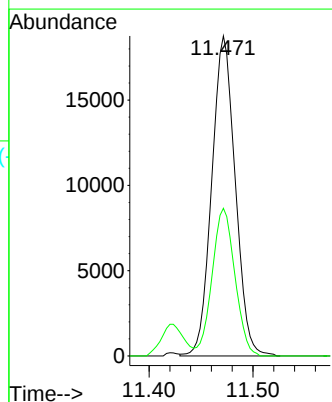
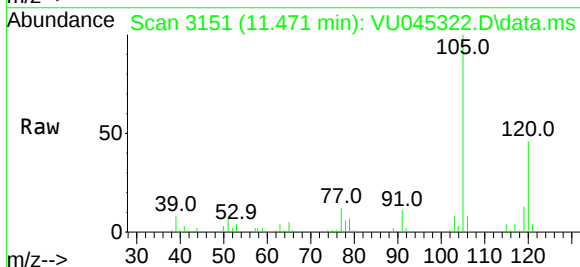
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

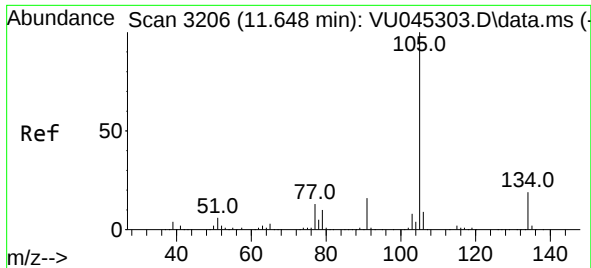
Tgt Ion:119 Resp: 29442
Ion Ratio Lower Upper
119 100
91 62.1 31.4 94.3
134 22.5 18.5 27.7



#78
1,2,4-Trimethylbenzene
Concen: 0.675 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion:105 Resp: 29461
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8

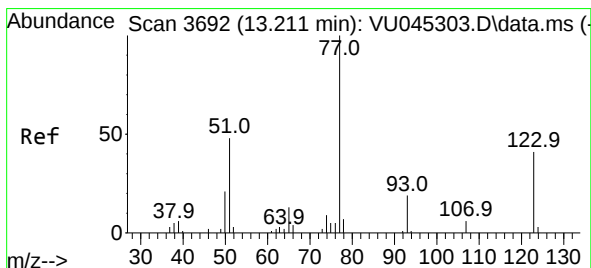
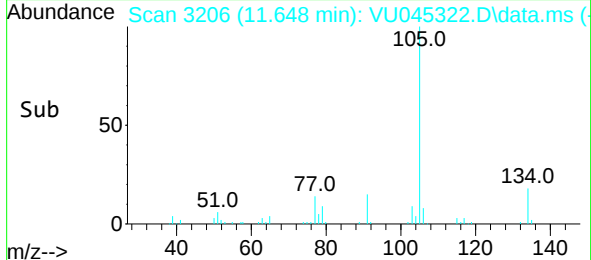
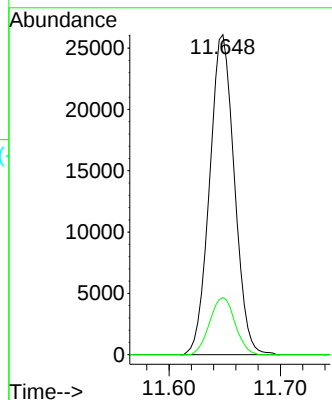
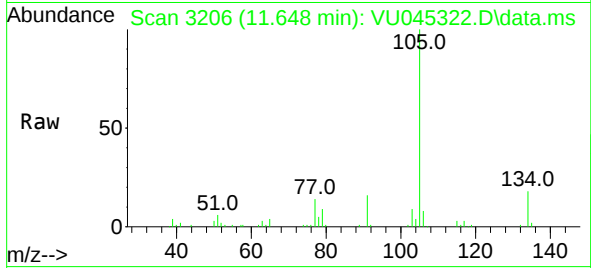




#79
 sec-Butylbenzene
 Concen: 0.704 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU045322.D
 Acq: 15 Oct 2021 15:17

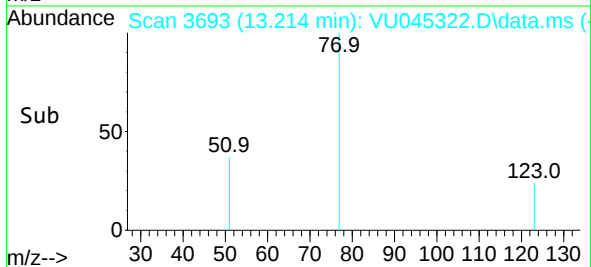
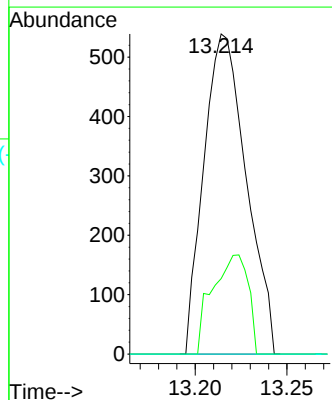
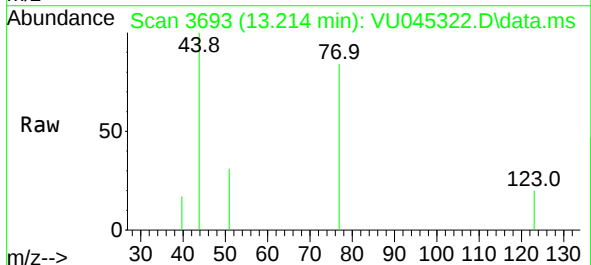
Instrument :
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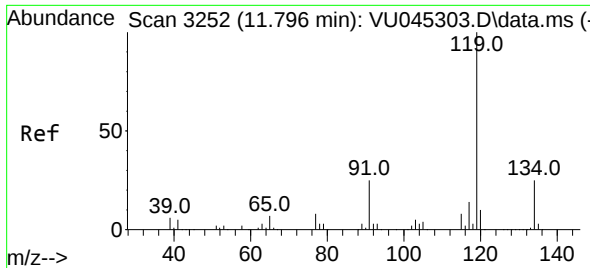
Tgt Ion:105 Resp: 40311
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.4 23.0



#80
 Nitrobenzene
 Concen: 2.776 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.003 min
 Lab File: VU045322.D
 Acq: 15 Oct 2021 15:17

Tgt Ion: 77 Resp: 867
 Ion Ratio Lower Upper
 77 100
 123 26.1 18.2 64.4
 65 0.0 12.0 15.2#

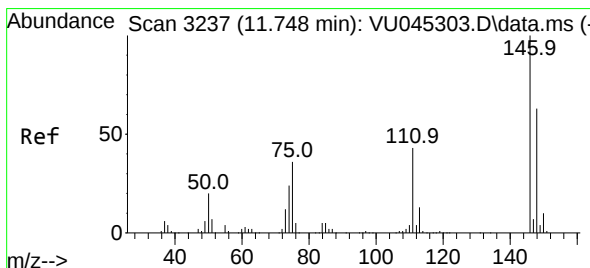
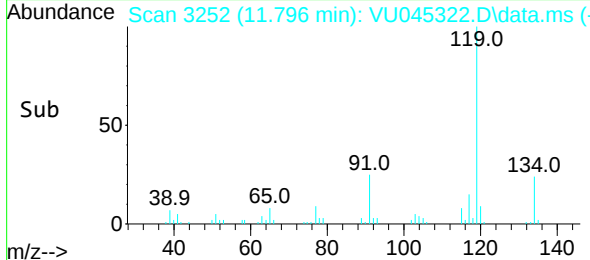
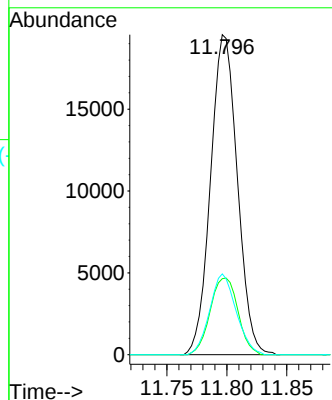
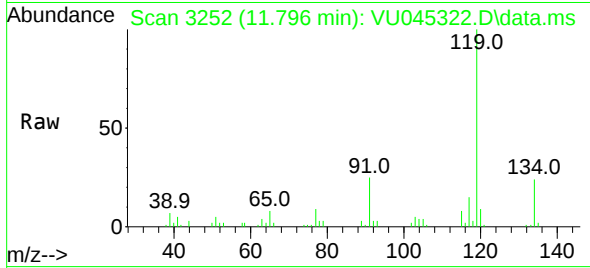




#81
p-Isopropyltoluene
Concen: 0.660 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

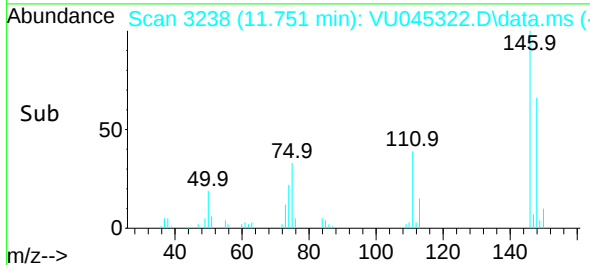
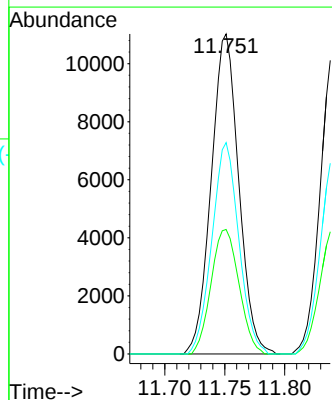
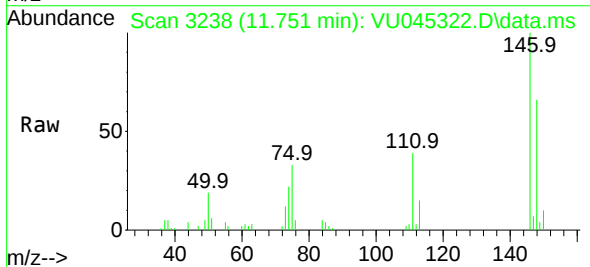
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

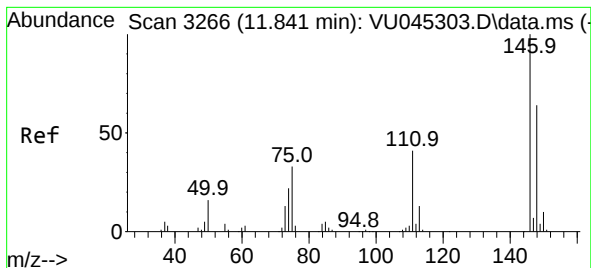
Tgt Ion:	119	Resp:	30326
Ion Ratio	Lower	Upper	
119	100		
134	24.8	20.2	30.4
91	24.9	19.9	29.9



#82
1,3-Dichlorobenzene
Concen: 0.776 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion:	146	Resp:	17555
Ion Ratio	Lower	Upper	
146	100		
111	39.5	33.9	50.9
148	64.7	50.9	76.3





#83

1,4-Dichlorobenzene

Concen: 0.755 ug/l

RT: 11.841 min Scan# 3266

Delta R.T. 0.000 min

Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

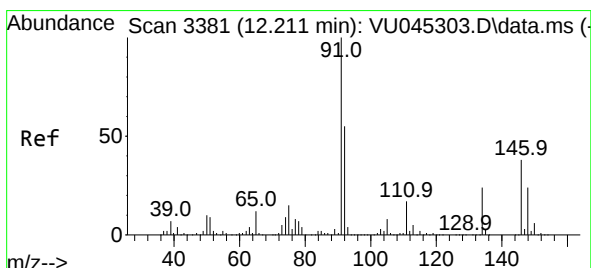
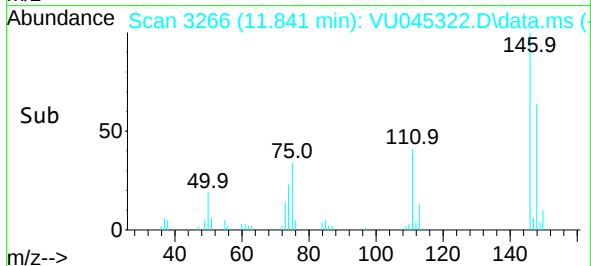
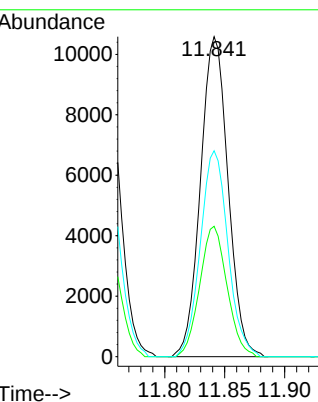
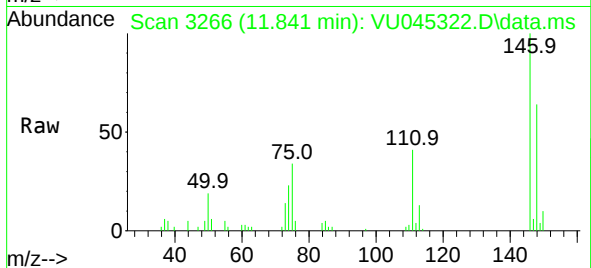
Tgt Ion:146 Resp: 16900

Ion Ratio Lower Upper

146 100

111 40.4 32.7 49.1

148 64.5 51.4 77.0



#84

n-Butylbenzene

Concen: 0.643 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.003 min

Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

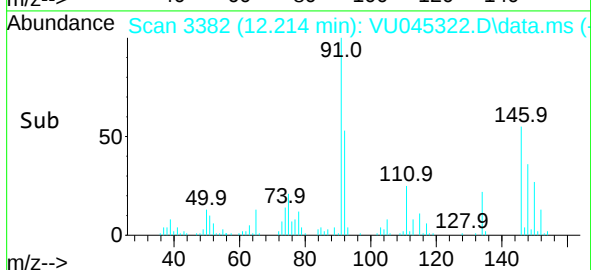
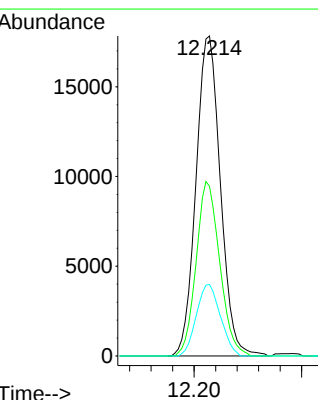
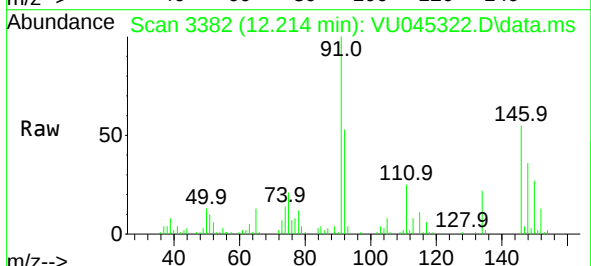
Tgt Ion: 91 Resp: 28131

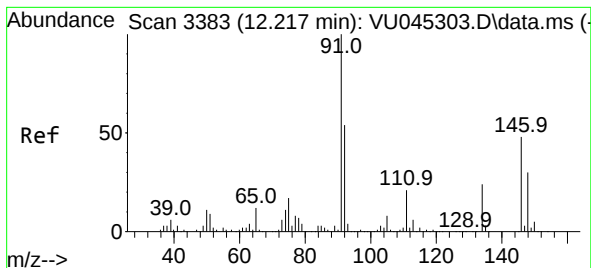
Ion Ratio Lower Upper

91 100

92 52.5 43.5 65.3

134 22.0 19.0 28.4





#85

1,2-Dichlorobenzene

Concen: 0.750 ug/l

RT: 12.217 min Scan# 3383

Delta R.T. 0.000 min

Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

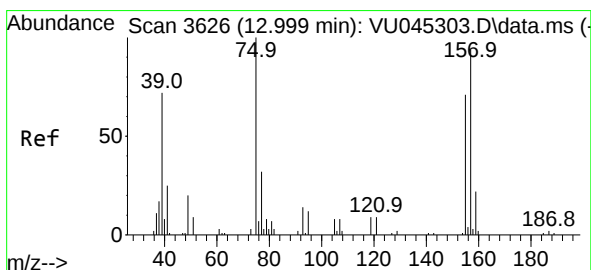
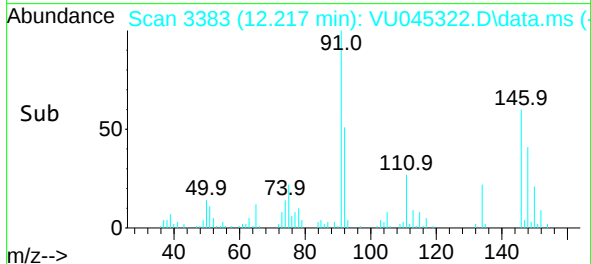
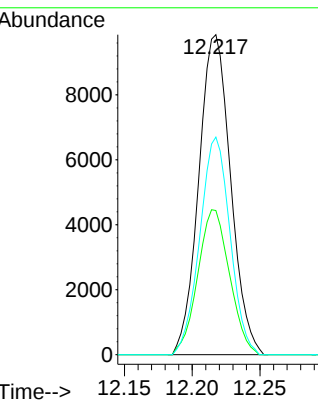
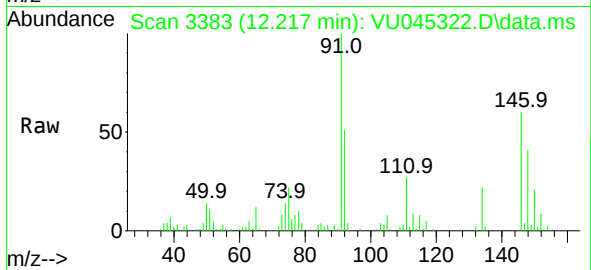
Tgt Ion:146 Resp: 16120

Ion Ratio Lower Upper

146 100

111 45.1 22.1 66.1

148 64.5 31.6 94.7



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.700 ug/l

RT: 13.002 min Scan# 3627

Delta R.T. 0.003 min

Lab File: VU045322.D

Acq: 15 Oct 2021 15:17

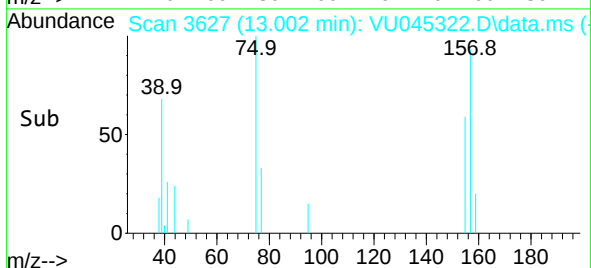
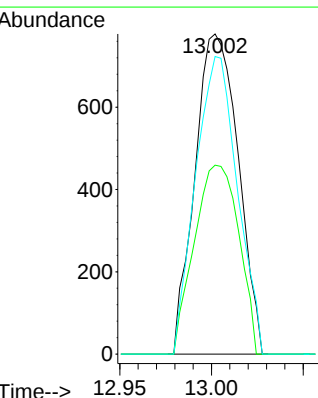
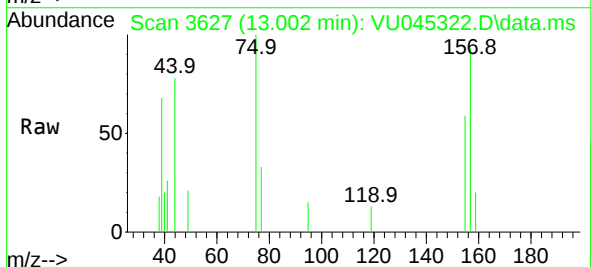
Tgt Ion: 75 Resp: 1276

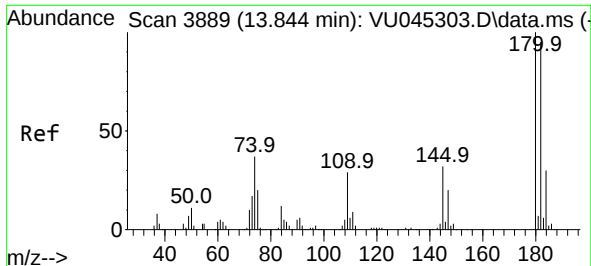
Ion Ratio Lower Upper

75 100

155 60.7 57.8 86.8

157 89.9 75.1 112.7

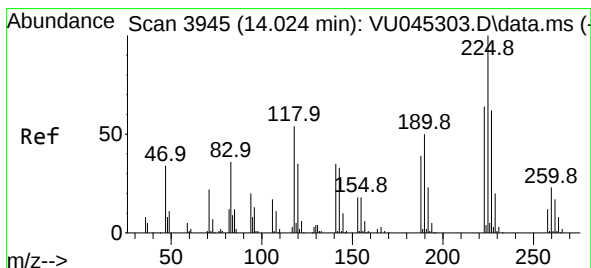
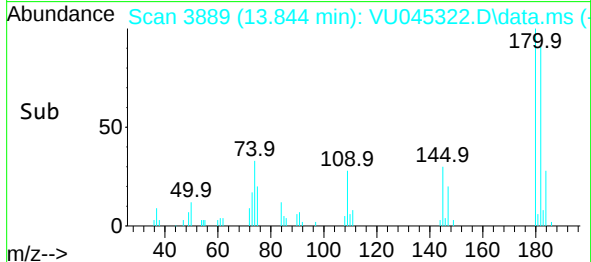
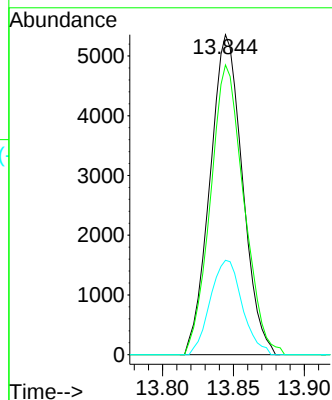
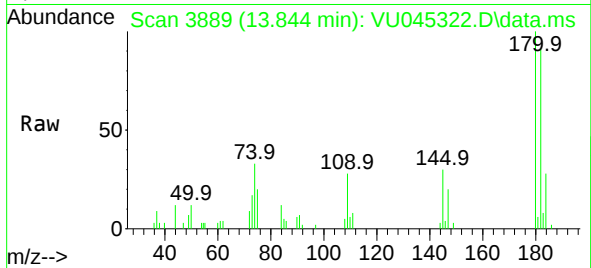




#87
1,2,4-Trichlorobenzene
Concen: 0.645 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

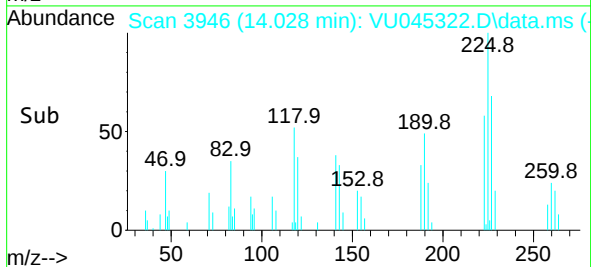
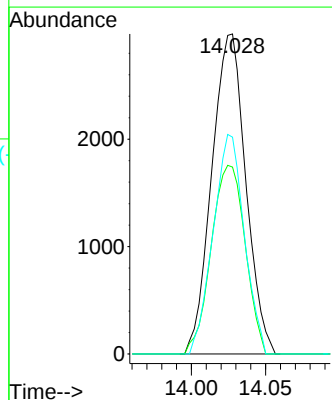
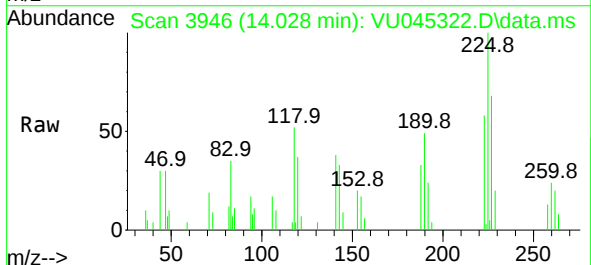
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

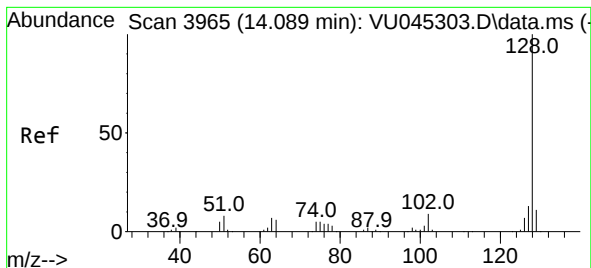
Tgt Ion:180 Resp: 8537
Ion Ratio Lower Upper
180 100
182 93.0 75.8 113.8
145 29.0 25.3 37.9



#88
Hexachlorobutadiene
Concen: 0.766 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. 0.004 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

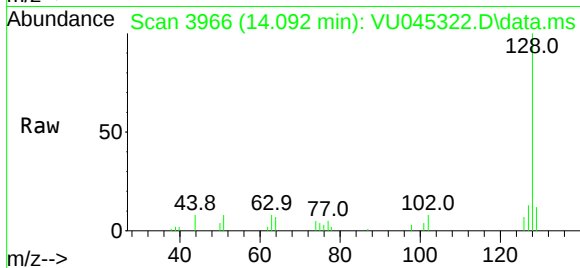
Tgt Ion:225 Resp: 4744
Ion Ratio Lower Upper
225 100
223 58.8 51.1 76.7
227 62.7 49.9 74.9



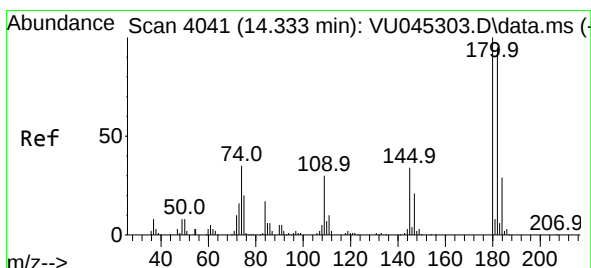
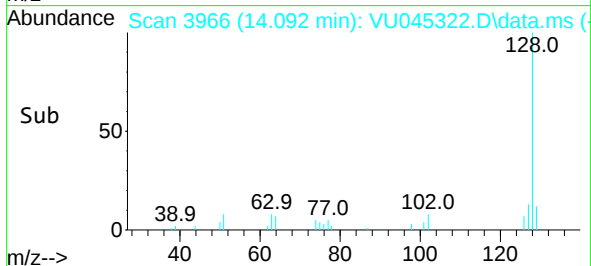
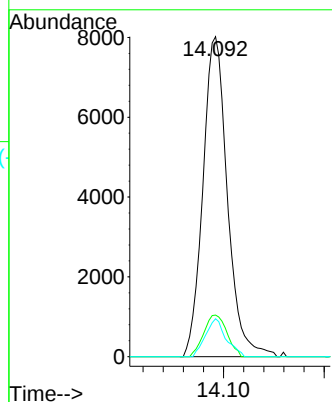


#89
Naphthalene
Concen: 0.520 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

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



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	16.0
129	9.9	8.6	13.0



#90
1,2,3-Trichlorobenzene
Concen: 0.601 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045322.D
Acq: 15 Oct 2021 15:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.4	113.0
145	33.8	27.0	40.4

