

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043744.D
 Acq On : 14 May 2021 10:32
 Operator : SY/MD
 Sample : M2250-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Quant Time: May 14 14:41:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	461970	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	443444	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	211210	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	174264	45.56	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	91.12%	
7) Chloroethane-d5	1.909	69	130207	47.34	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.68%	
11) 1,1-Dichloroethene-d2	2.572	63	232894	35.76	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.52%	
21) 2-Butanone-d5	4.626	46	312776	104.53	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.53%	
24) Chloroform-d	5.070	84	305087	47.01	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.02%	
26) 1,2-Dichloroethane-d4	5.710	65	195311	48.54	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.08%	
32) Benzene-d6	5.736	84	648287	49.33	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.66%	
36) 1,2-Dichloropropane-d6	6.697	67	212839	49.65	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.30%	
41) Toluene-d8	7.903	98	564967	47.77	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.54%	
43) trans-1,3-Dichloroprop...	8.186	79	88822	47.39	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	94.78%	
47) 2-Hexanone-d5	8.639	63	204607	99.68	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.68%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	311816	48.07	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.14%	
66) 1,2-Dichlorobenzene-d4	12.198	152	217557	52.19	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.38%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	8494	2.18	ug/L	96
3) Chloromethane	1.524	50	11947	2.54	ug/L	97
5) Vinyl chloride	1.607	62	10829	2.37	ug/L #	72
6) Bromomethane	1.852	94	6242	2.80	ug/L	100
8) Chloroethane	1.932	64	6060	2.34	ug/L	95
9) Trichlorofluoromethane	2.141	101	11726	2.27	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	9915	2.93	ug/L	86
12) 1,1-Dichloroethene	2.585	96	9374	2.81	ug/L #	1
13) Acetone	2.630	43	12324	5.90	ug/L	97
14) Carbon disulfide	2.800	76	23226	2.21	ug/L	96
15) Methyl Acetate	2.954	43	11898	2.51	ug/L	97
16) Methylene chloride	3.054	84	11580	2.32	ug/L	96
17) trans-1,2-Dichloroethene	3.363	96	7655	2.22	ug/L	93
18) Methyl tert-butyl Ether	3.372	73	22947	2.19	ug/L	100
19) 1,1-Dichloroethane	3.877	63	14975	2.22	ug/L	98
20) cis-1,2-Dichloroethene	4.675	96	8555	2.25	ug/L	98
22) 2-Butanone	4.710	43	15689	4.56	ug/L	96
23) Bromochloromethane	4.980	128	4872	2.36	ug/L	88
25) Chloroform	5.096	83	16397	2.48	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043744.D
 Acq On : 14 May 2021 10:32
 Operator : SY/MD
 Sample : M2250-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Quant Time: May 14 14:41:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

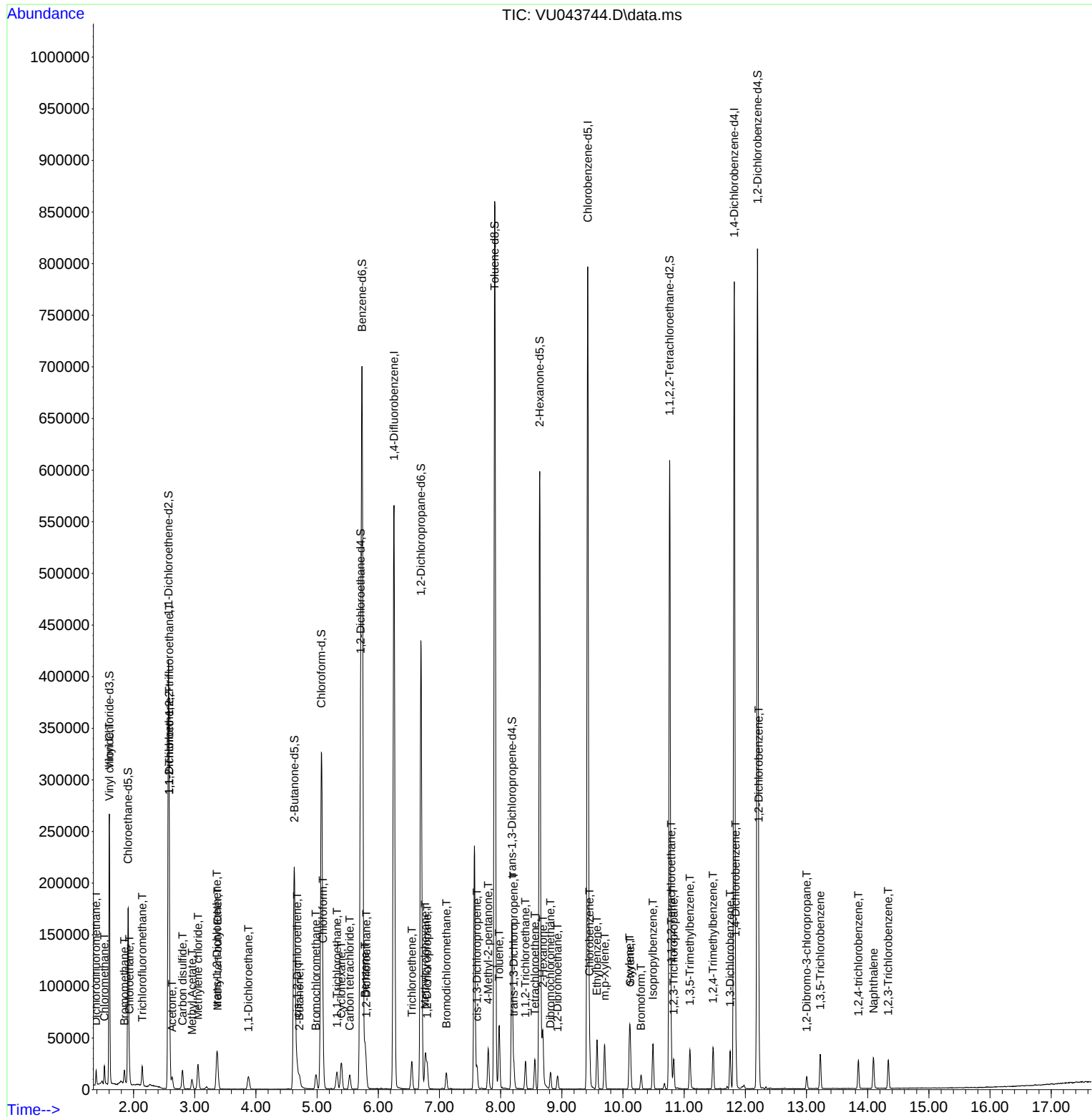
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	12197	2.40	ug/L	100
29) Cyclohexane	5.395	56	12076	2.05	ug/L	97
30) 1,1,1-Trichloroethane	5.327	97	11680	2.19	ug/L	98
31) Carbon tetrachloride	5.533	117	9337	2.13	ug/L	99
33) Benzene	5.781	78	35081	2.34	ug/L	100
34) Trichloroethene	6.549	95	8104	2.22	ug/L	93
35) Methylcyclohexane	6.768	83	12182	2.11	ug/L	98
37) 1,2-Dichloropropane	6.800	63	9431	2.30	ug/L #	97
38) Bromodichloromethane	7.112	83	10355	2.14	ug/L	96
39) cis-1,3-Dichloropropene	7.613	75	12191	2.18	ug/L	93
40) 4-Methyl-2-pentanone	7.797	43	25170	4.08	ug/L	97
42) Toluene	7.977	91	43010	2.74	ug/L	99
44) trans-1,3-Dichloropropene	8.215	75	11841	2.25	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	8455	2.24	ug/L	98
46) Tetrachloroethene	8.559	164	6833	2.38	ug/L	98
48) 2-Hexanone	8.691	43	29841	6.03	ug/L	98
49) Dibromochloromethane	8.813	129	8540	2.21	ug/L	92
50) 1,2-Dibromoethane	8.928	107	8703	2.22	ug/L	94
51) Chlorobenzene	9.453	112	21820	2.25	ug/L	98
52) Ethylbenzene	9.575	91	33255	2.06	ug/L	99
53) m,p-Xylene	9.700	106	12365	2.02	ug/L	99
54) o-xylene	10.105	106	11908	1.97	ug/L	88
55) Styrene	10.118	104	18203	1.78	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	16155	2.35	ug/L #	92
59) Bromoform	10.295	173	6343	2.30	ug/L #	97
60) 1,2,3-Trichloropropane	10.829	75	12454	2.53	ug/L	99
61) Isopropylbenzene	10.491	105	27381	1.98	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	21464	1.87	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	20820	1.81	ug/L	99
64) 1,3-Dichlorobenzene	11.752	146	14927	2.22	ug/L	95
65) 1,4-Dichlorobenzene	11.842	146	16290	2.38	ug/L	96
67) 1,2-Dichlorobenzene	12.218	146	16528	2.37	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	3138	2.33	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.224	180	11234	2.26	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	8873	2.09	ug/L	96
71) Naphthalene	14.095	128	25535	1.80	ug/L	99
72) 1,2,3-Trichlorobenzene	14.337	180	9061	2.03	ug/L	97

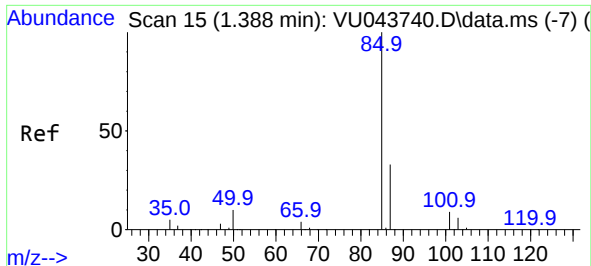
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
Data File : VU043744.D
Acq On : 14 May 2021 10:32
Operator : SY/MD
Sample : M2250-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

Quant Time: May 14 14:41:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 14 04:42:41 2021
Response via : Initial Calibration

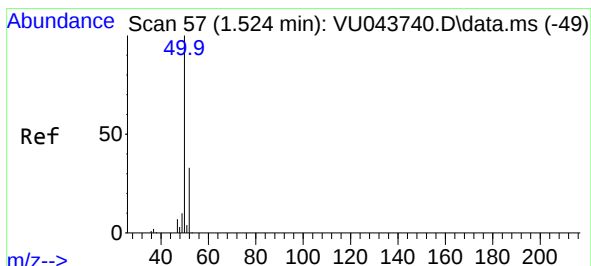
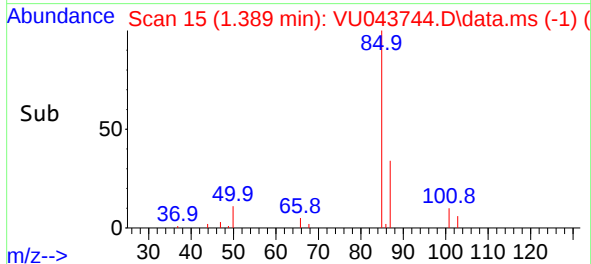
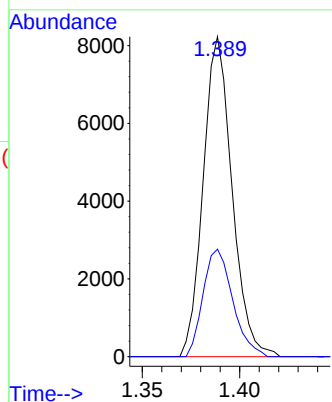
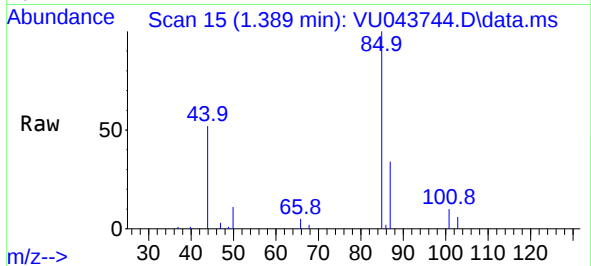




#2
Dichlorodifluoromethane
Concen: 2.18 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

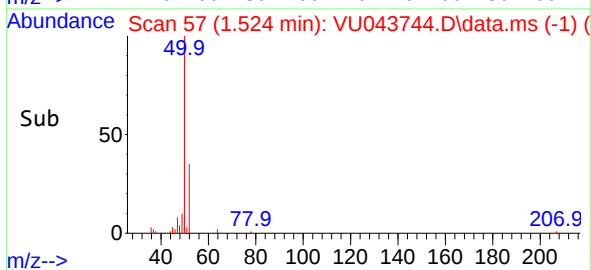
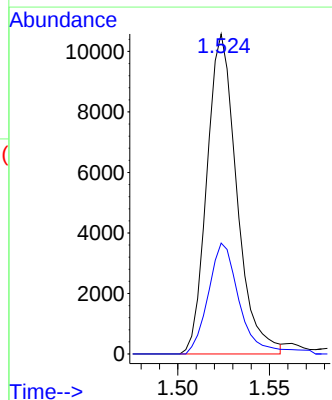
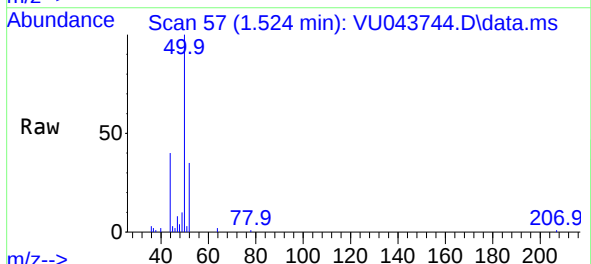
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

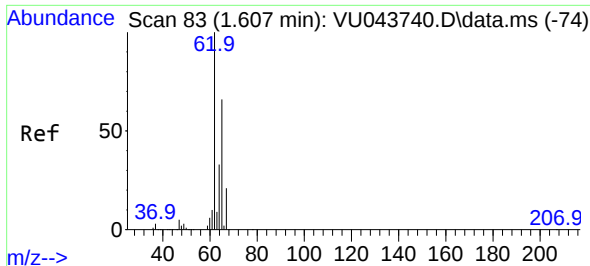
Tgt Ion: 85 Resp: 8494
Ion Ratio Lower Upper
85 100
87 34.5 25.9 38.9



#3
Chloromethane
Concen: 2.54 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.004 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 50 Resp: 11947
Ion Ratio Lower Upper
50 100
52 34.6 23.2 43.2

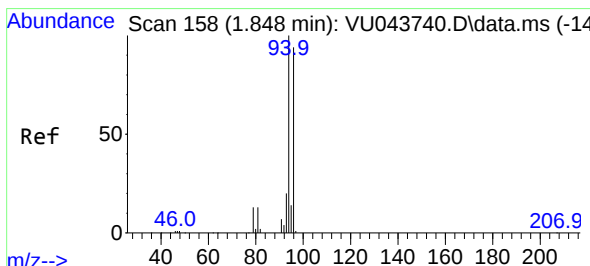
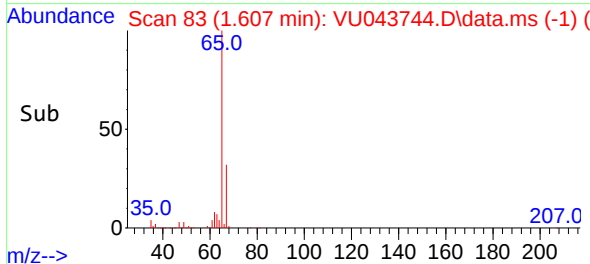
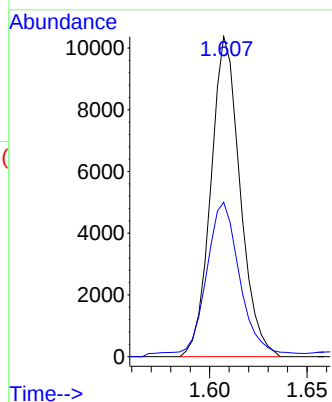
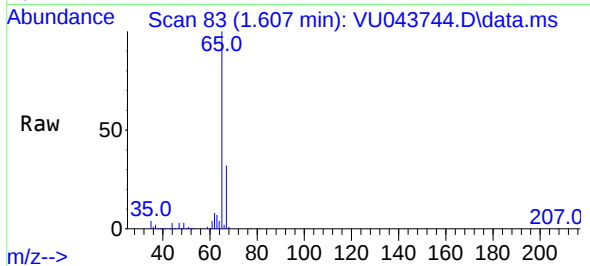




#5
 Vinyl chloride
 Concen: 2.37 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043744.D
 Acq: 14 May 2021 10:32

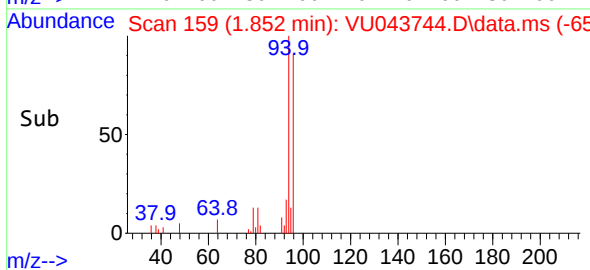
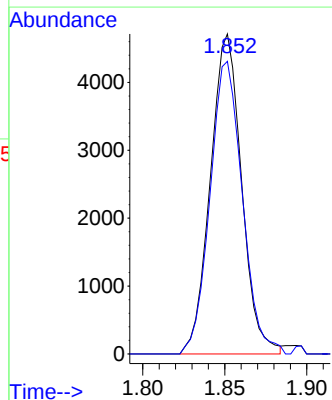
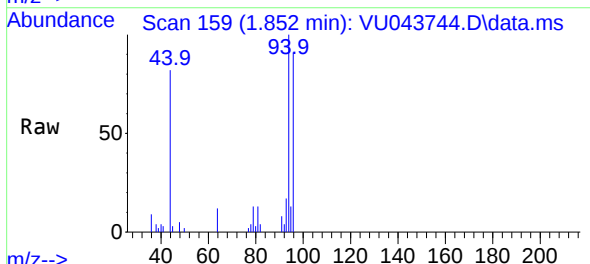
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2021-05

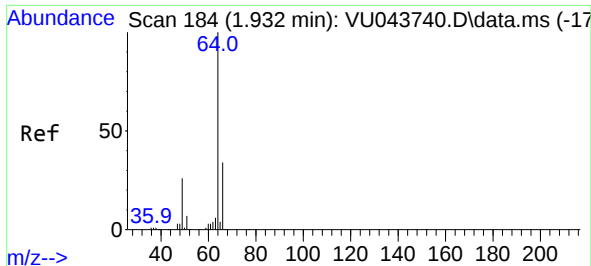
Tgt Ion: 62 Resp: 10829
 Ion Ratio Lower Upper
 62 100
 64 48.2 22.9 42.5#



#6
 Bromomethane
 Concen: 2.80 ug/L
 RT: 1.852 min Scan# 159
 Delta R.T. 0.004 min
 Lab File: VU043744.D
 Acq: 14 May 2021 10:32

Tgt Ion: 94 Resp: 6242
 Ion Ratio Lower Upper
 94 100
 96 91.4 64.2 119.2

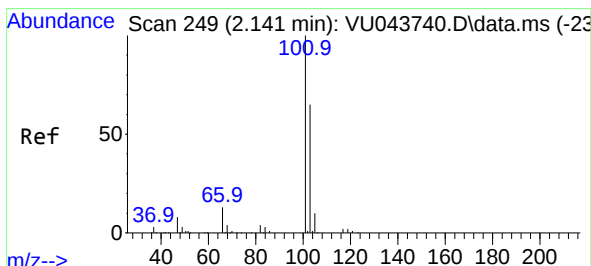
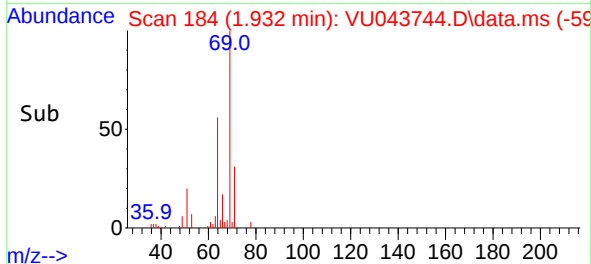
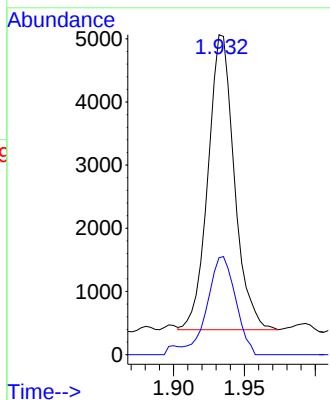
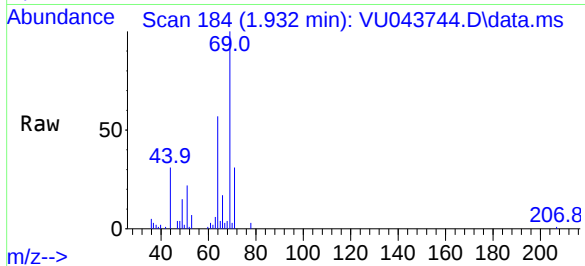




#8
Chloroethane
Concen: 2.34 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

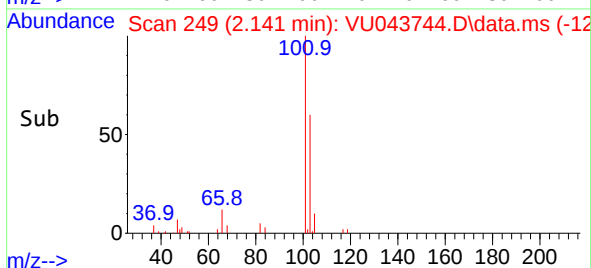
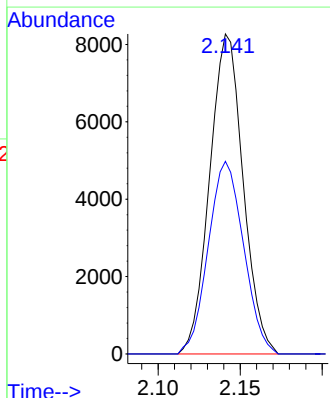
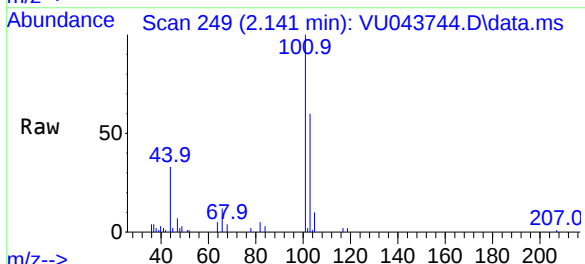
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

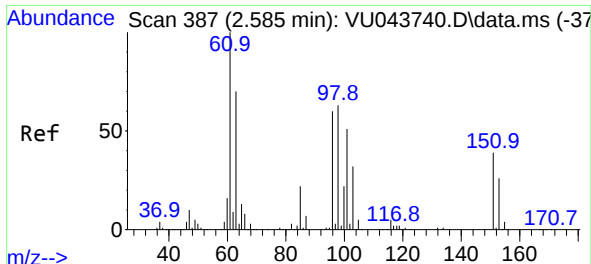
Tgt Ion: 64 Resp: 6060
Ion Ratio Lower Upper
64 100
66 30.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 2.27 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 101 Resp: 11726
Ion Ratio Lower Upper
101 100
103 63.5 52.3 78.5

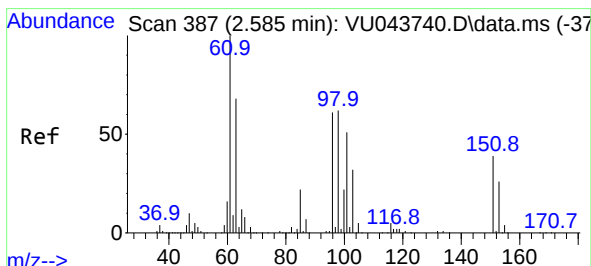
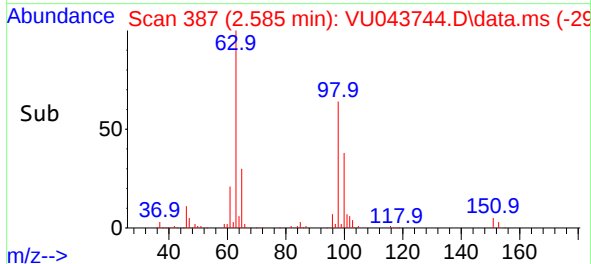
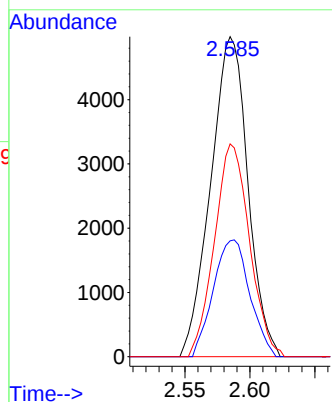
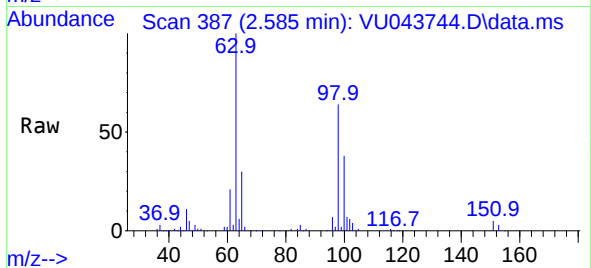




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.93 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

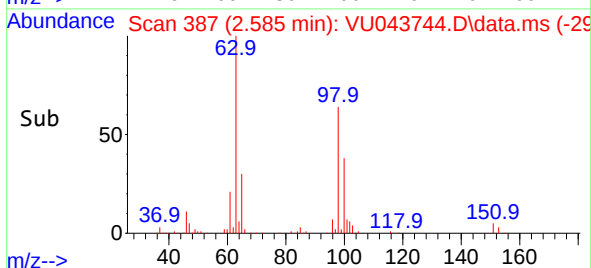
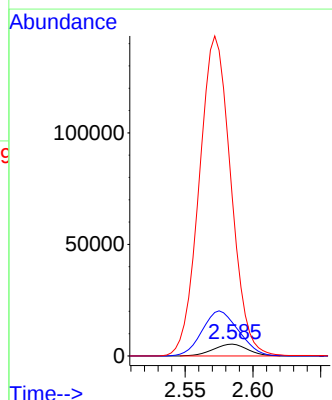
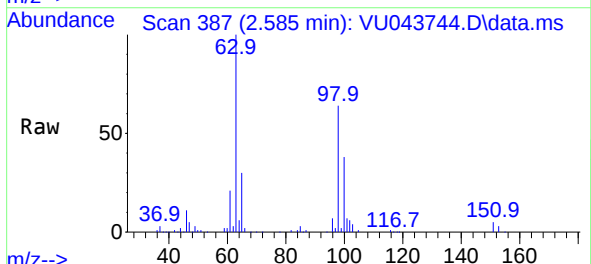
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

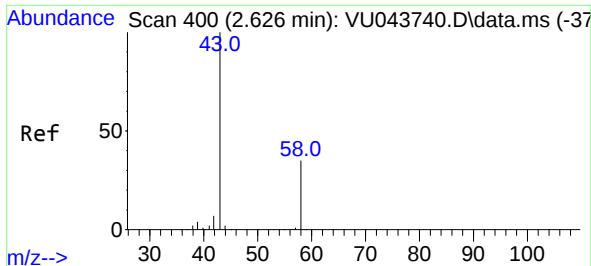
Tgt Ion:101 Resp: 9915
Ion Ratio Lower Upper
101 100
85 35.7 34.2 51.4
151 62.6 60.4 90.6



#12
1,1-Dichloroethene
Concen: 2.81 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 96 Resp: 9374
Ion Ratio Lower Upper
96 100
61 282.3 116.3 215.9#
63 1338.8 80.8 150.2#

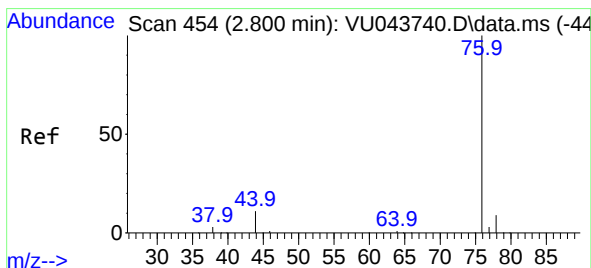
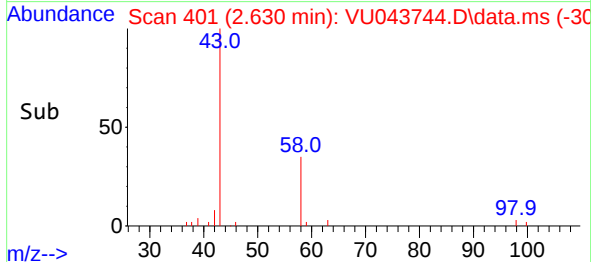
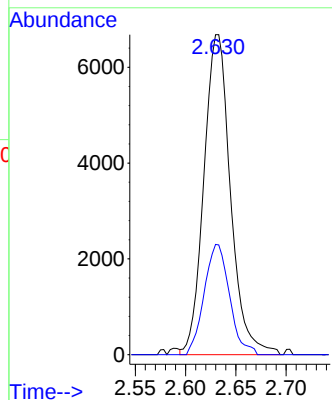
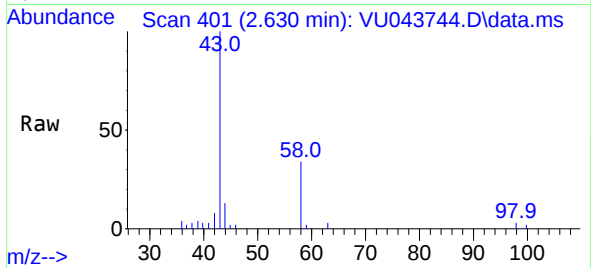




#13
Acetone
Concen: 5.90 ug/L
RT: 2.630 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

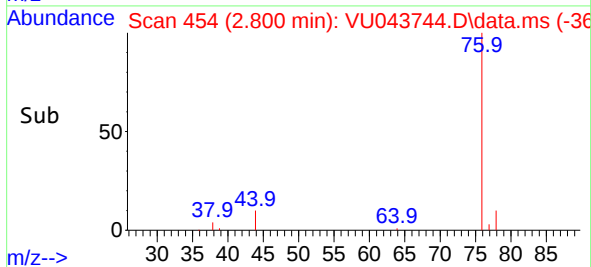
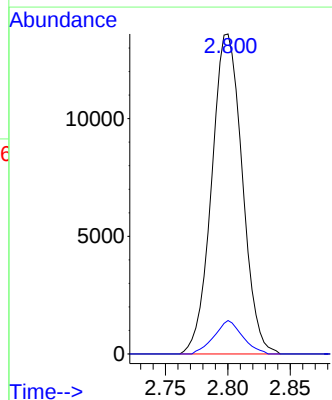
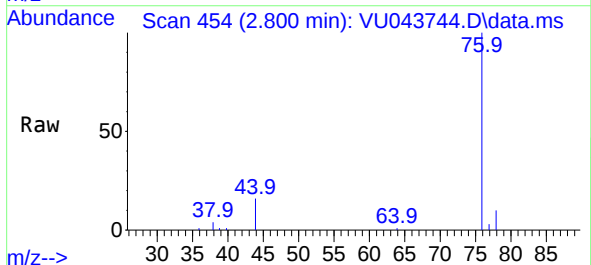
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

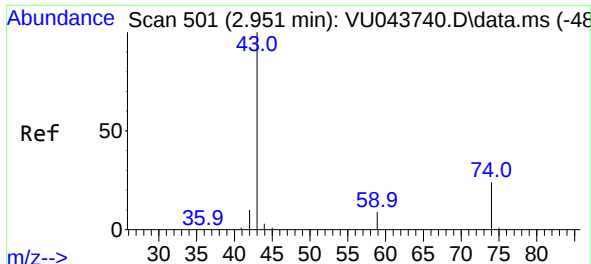
Tgt Ion: 43 Resp: 12324
Ion Ratio Lower Upper
43 100
58 32.7 0.0 69.4



#14
Carbon disulfide
Concen: 2.21 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 76 Resp: 23226
Ion Ratio Lower Upper
76 100
78 10.4 7.1 10.7

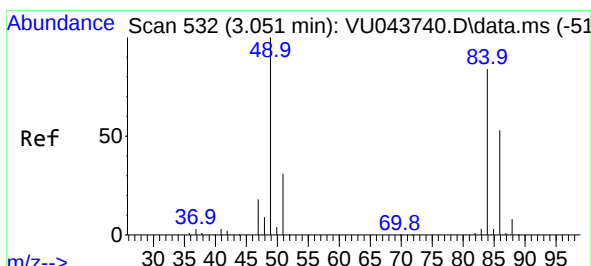
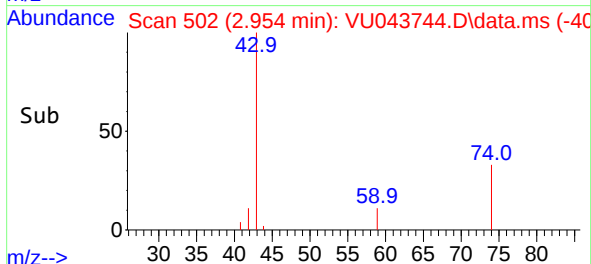
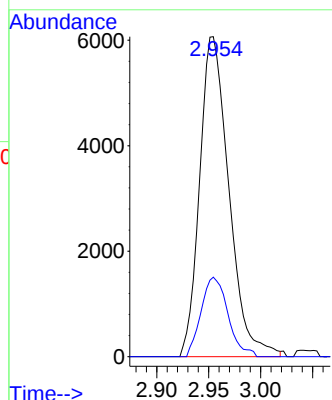
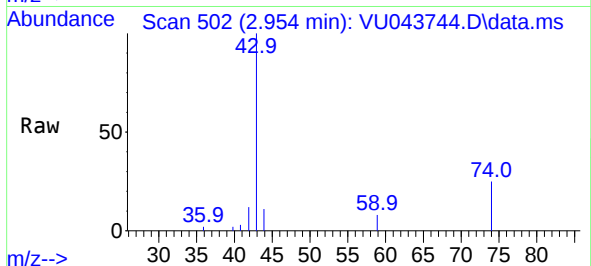




#15
Methyl Acetate
Concen: 2.51 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.004 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

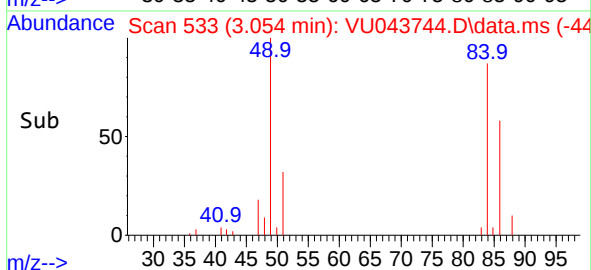
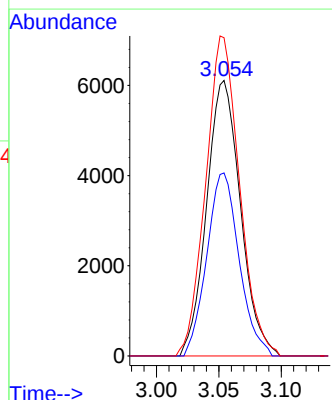
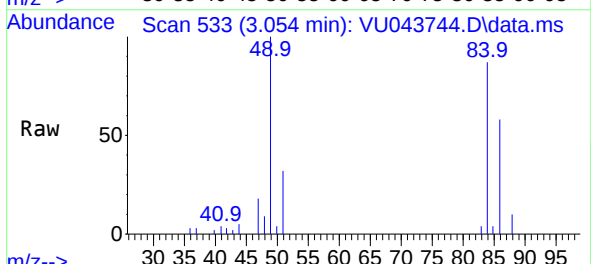
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

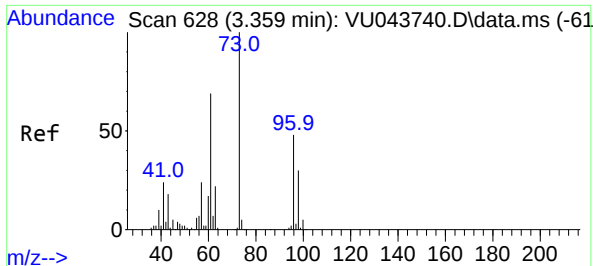
Tgt Ion: 43 Resp: 11898
Ion Ratio Lower Upper
43 100
74 22.8 19.3 28.9



#16
Methylene chloride
Concen: 2.32 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 84 Resp: 11580
Ion Ratio Lower Upper
84 100
86 66.4 44.9 83.5
49 115.5 84.9 157.7

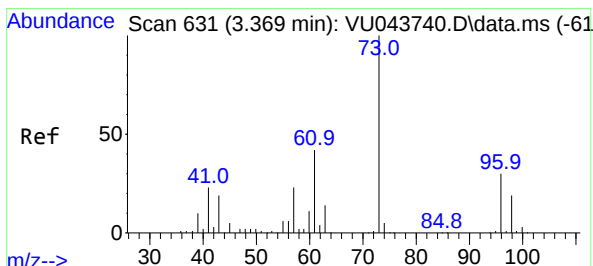
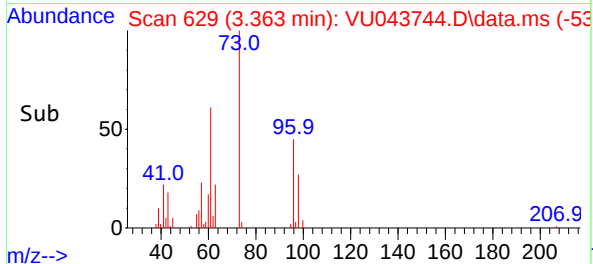
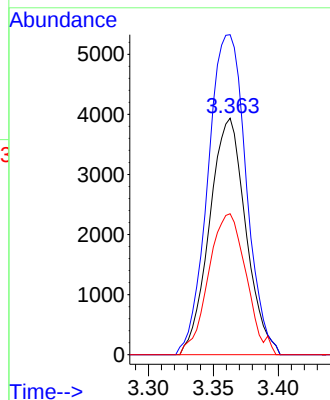
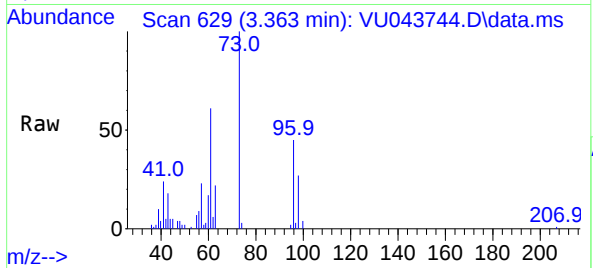




#17
trans-1,2-Dichloroethene
Concen: 2.22 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.004 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

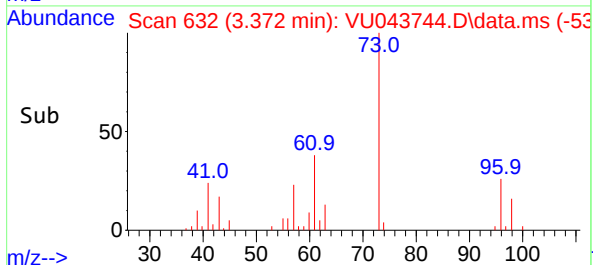
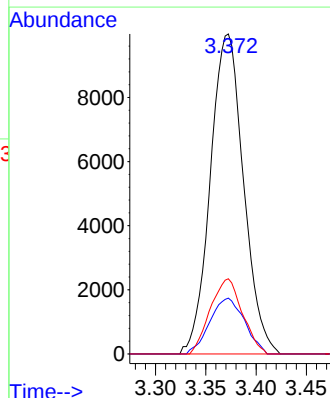
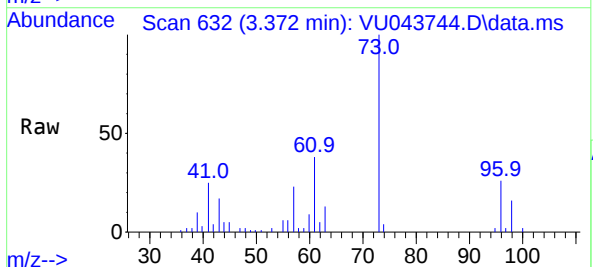
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

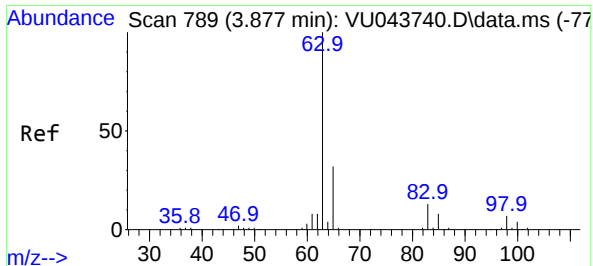
Tgt Ion: 96 Resp: 7655
Ion Ratio Lower Upper
96 100
61 135.3 101.5 188.5
98 59.6 44.9 83.5



#18
Methyl tert-butyl Ether
Concen: 2.19 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.004 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 73 Resp: 22947
Ion Ratio Lower Upper
73 100
43 18.2 14.6 22.0
57 22.7 18.2 27.4

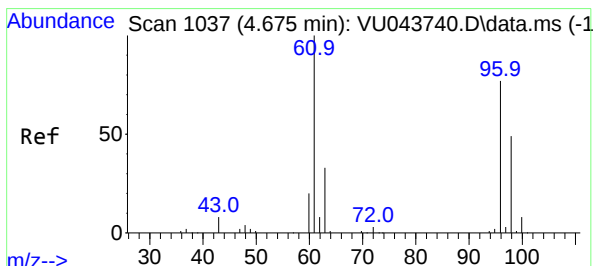
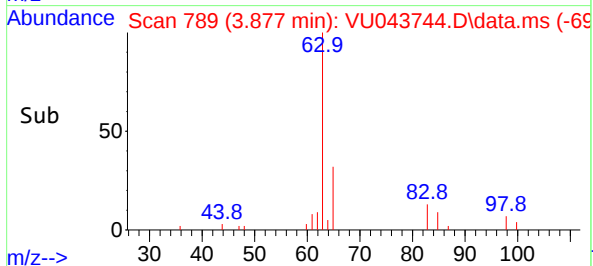
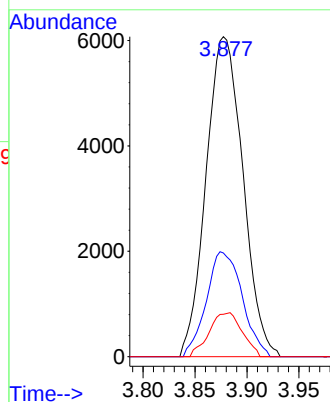
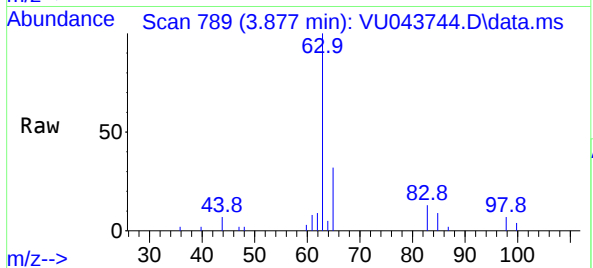




#19
1,1-Dichloroethane
Concen: 2.22 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

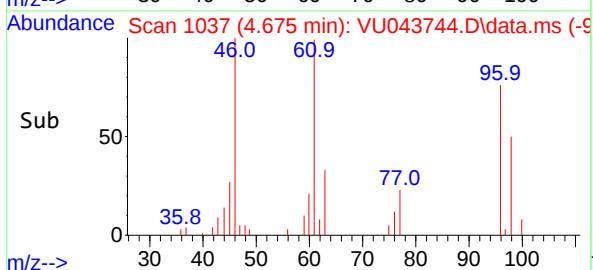
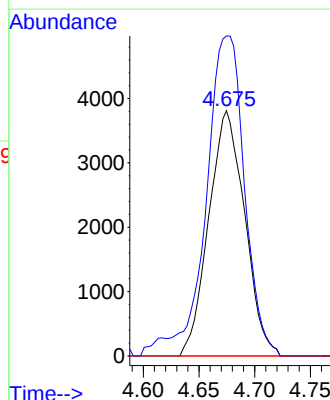
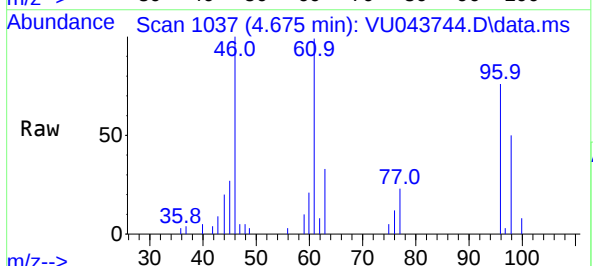
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

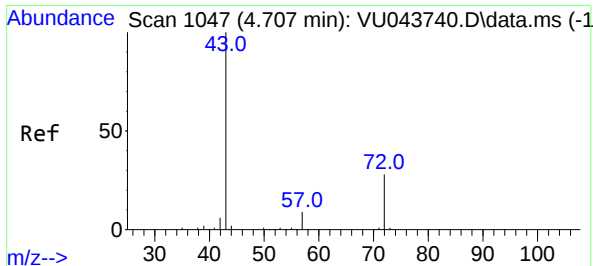
Tgt Ion:	63	Resp:	14975
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.0	41.0
83	13.3	8.7	16.1



#20
cis-1,2-Dichloroethene
Concen: 2.25 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion:	96	Resp:	8555
Ion	Ratio	Lower	Upper
96	100		
61	130.4	93.1	172.9
68	0.0	0.0	0.0

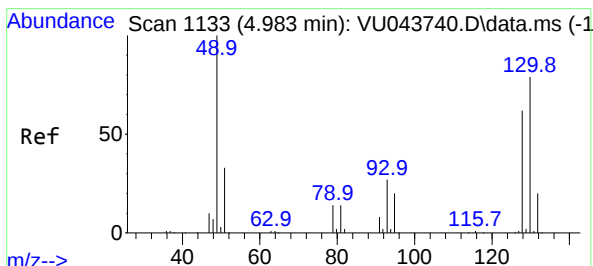
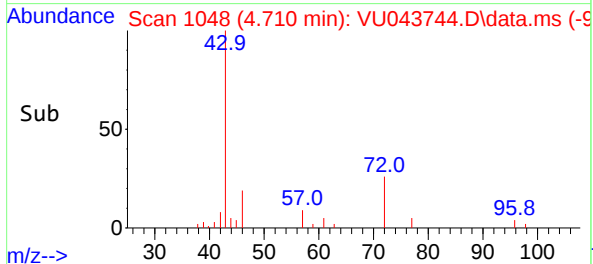
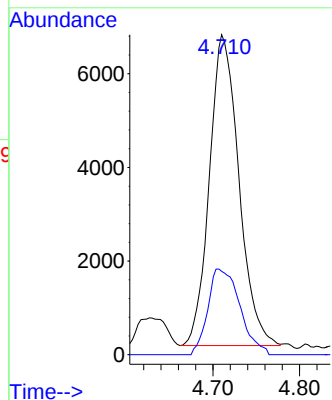
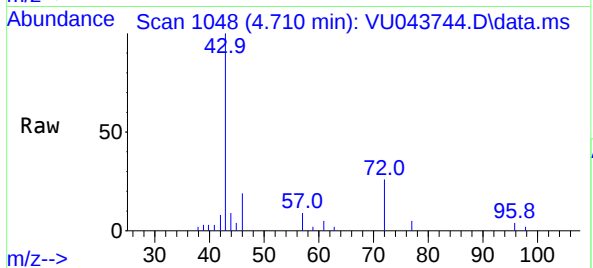




#22
2-Butanone
Concen: 4.56 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.004 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

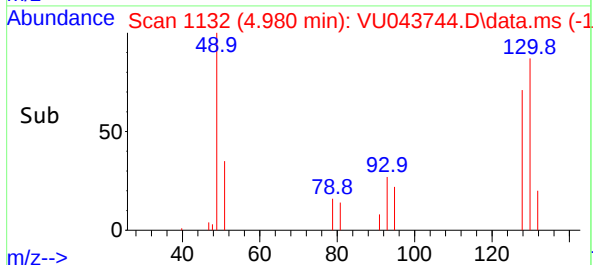
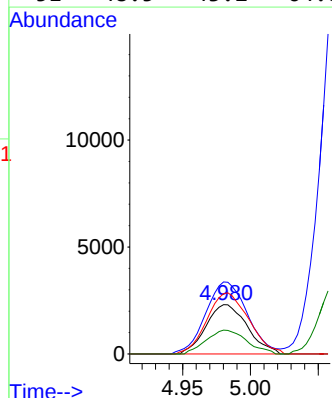
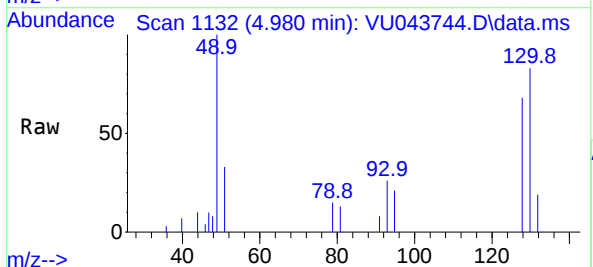
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

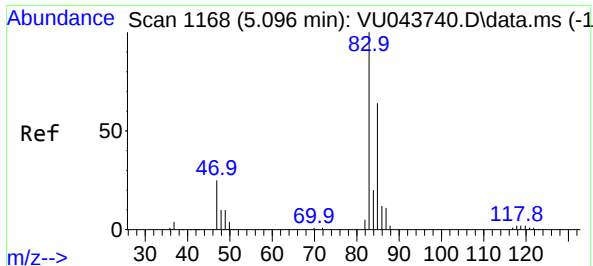
Tgt Ion: 43 Resp: 15689
Ion Ratio Lower Upper
43 100
72 30.0 13.9 41.6



#23
Bromochloromethane
Concen: 2.36 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 128 Resp: 4872
Ion Ratio Lower Upper
128 100
49 146.0 116.8 216.8
130 121.8 93.3 173.3
51 48.5 43.2 64.8



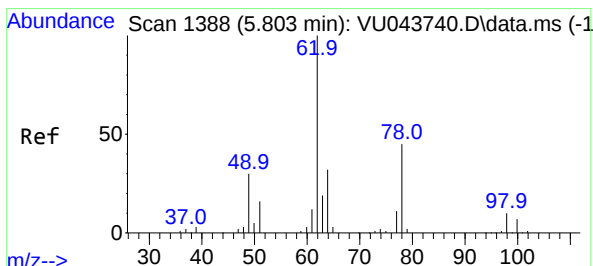
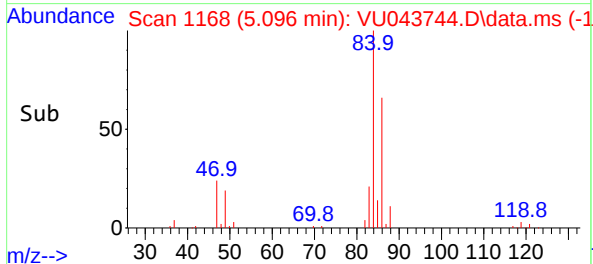
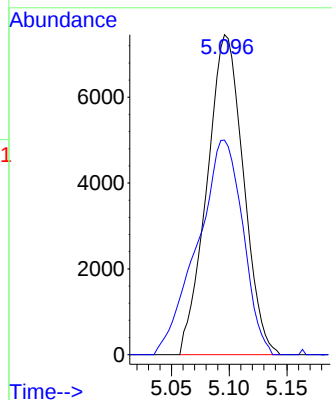
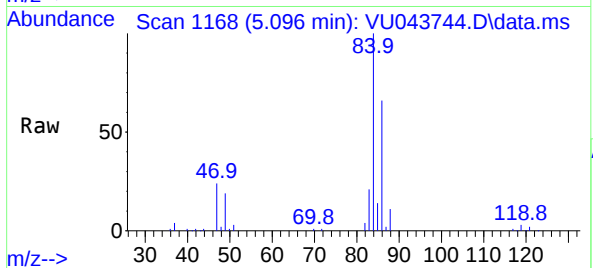


#25

Chloroform
Concen: 2.48 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

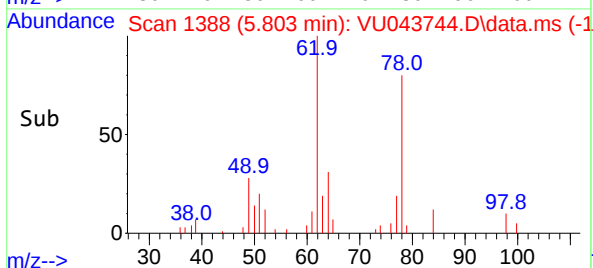
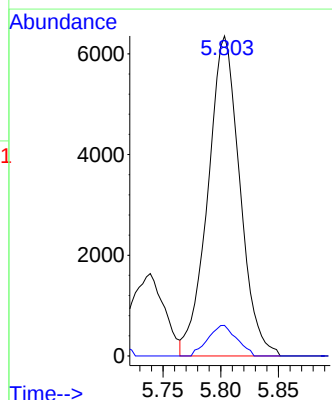
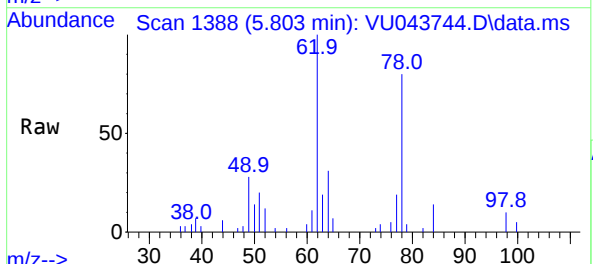
Tgt Ion: 83 Resp: 16397
Ion Ratio Lower Upper
83 100
85 67.0 45.7 84.9

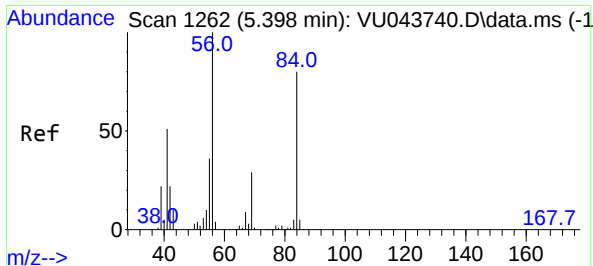


#27

1,2-Dichloroethane
Concen: 2.40 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 62 Resp: 12197
Ion Ratio Lower Upper
62 100
98 9.6 7.6 11.4





#29

Cyclohexane

Concen: 2.05 ug/L

RT: 5.395 min Scan# 1261

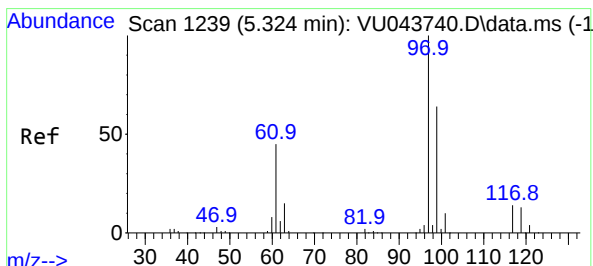
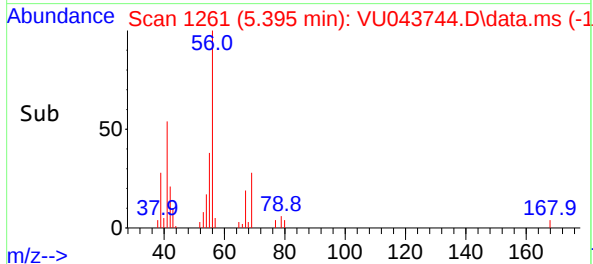
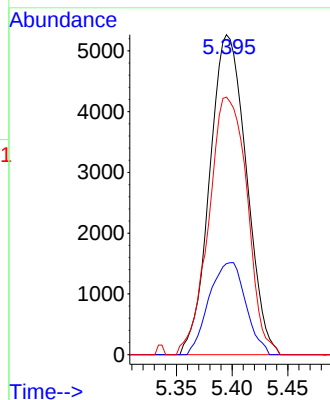
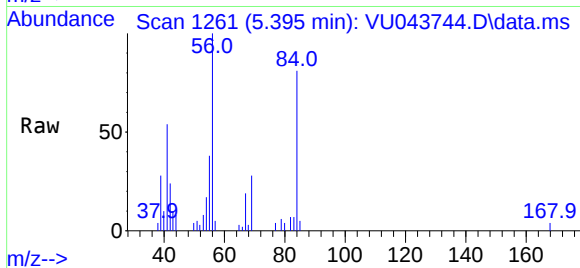
Delta R.T. -0.003 min

Lab File: VU043744.D

Acq: 14 May 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

Tgt Ion:	56	Resp:	12076
Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.6	37.0
84	83.9	65.0	97.4



#30

1,1,1-Trichloroethane

Concen: 2.19 ug/L

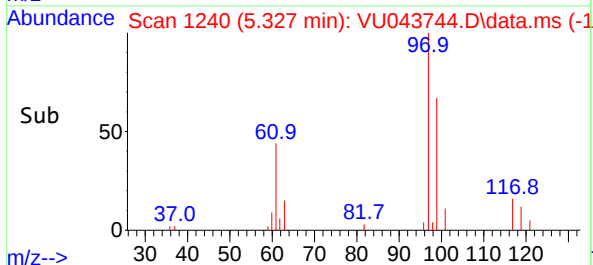
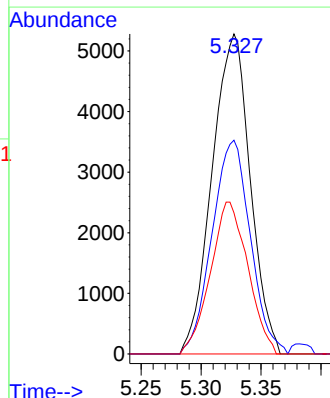
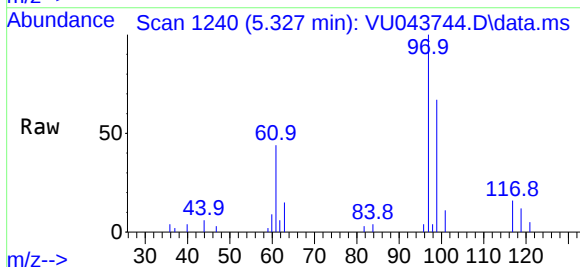
RT: 5.327 min Scan# 1240

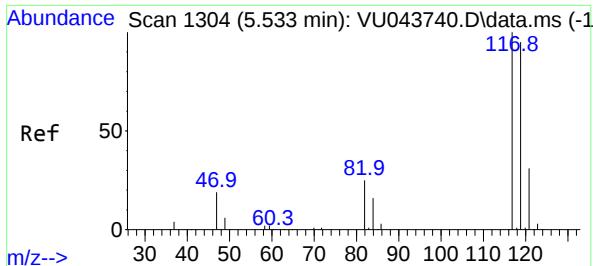
Delta R.T. 0.004 min

Lab File: VU043744.D

Acq: 14 May 2021 10:32

Tgt Ion:	97	Resp:	11680
Ion	Ratio	Lower	Upper
97	100		
99	67.2	51.7	77.5
61	46.6	36.9	55.3

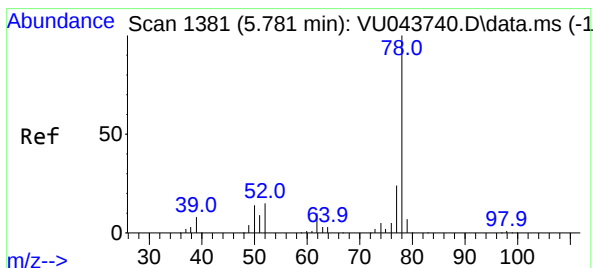
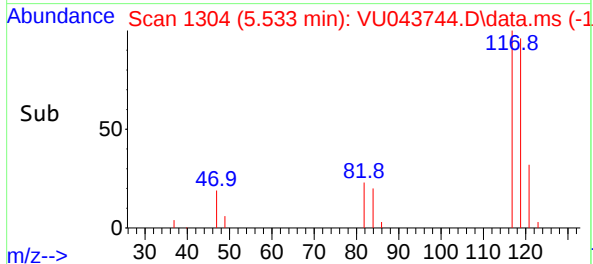
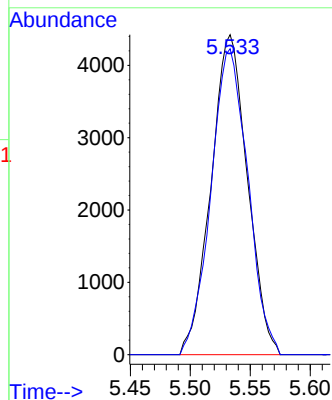
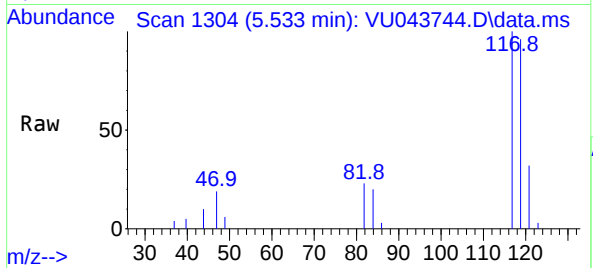




#31
Carbon tetrachloride
Concen: 2.13 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

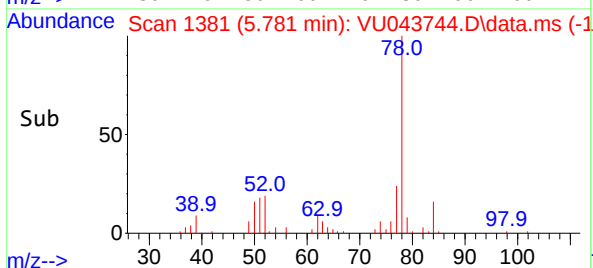
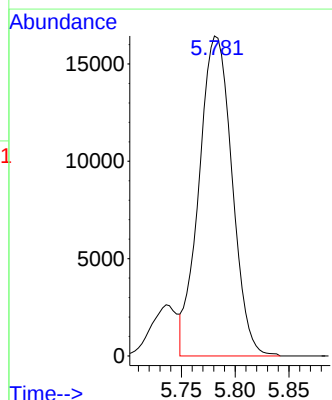
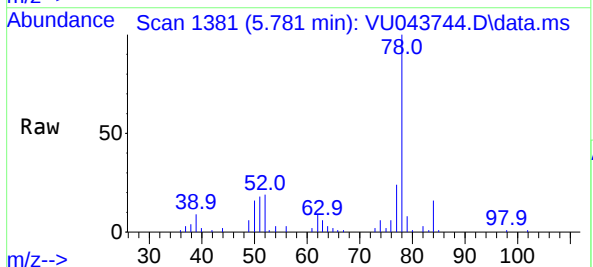
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

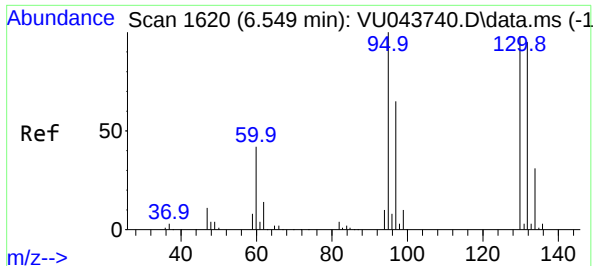
Tgt Ion:117 Resp: 9337
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6



#33
Benzene
Concen: 2.34 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 78 Resp: 35081



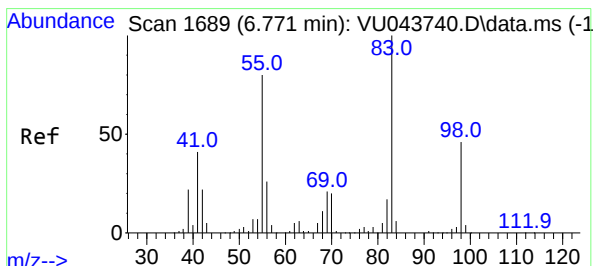
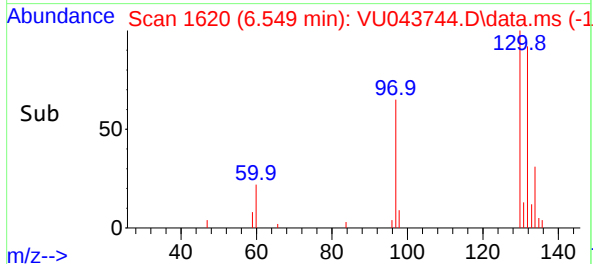
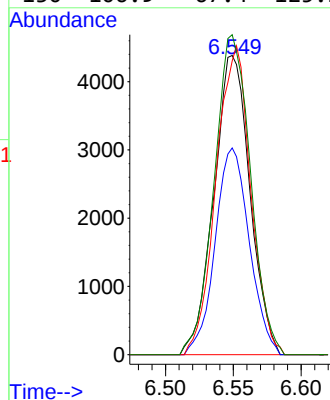
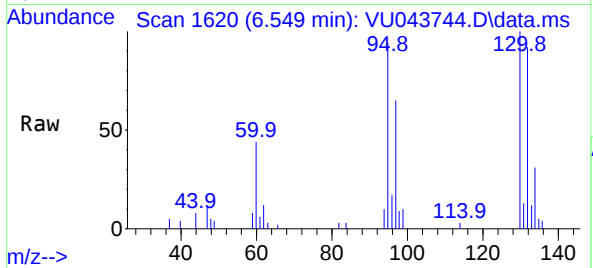


#34
Trichloroethene
Concen: 2.22 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

Tgt Ion: 95 Resp: 8104

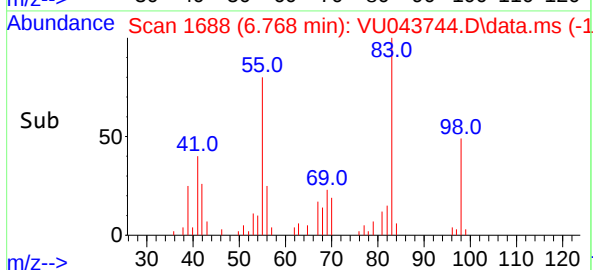
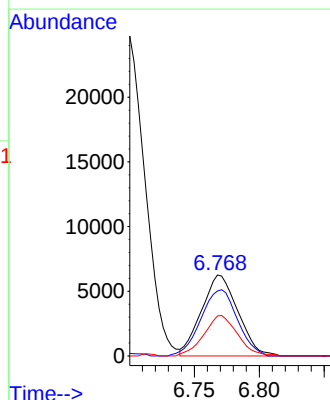
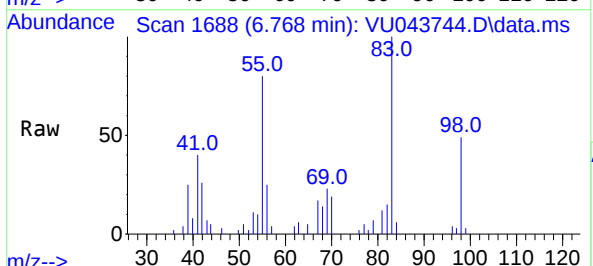
Ion	Ratio	Lower	Upper
95	100		
97	69.1	44.2	82.2
132	98.2	66.8	124.2
130	106.9	67.4	125.2

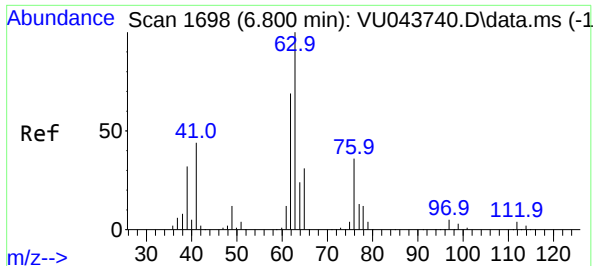


#35
Methylcyclohexane
Concen: 2.11 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 83 Resp: 12182

Ion	Ratio	Lower	Upper
83	100		
55	82.1	63.8	95.6
98	46.3	36.2	54.2

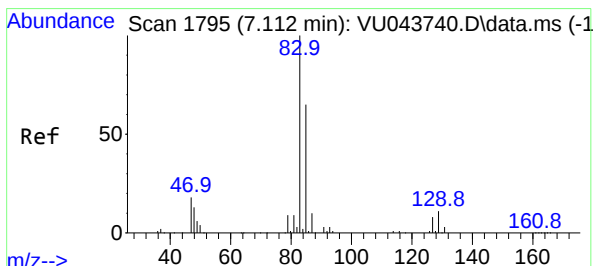
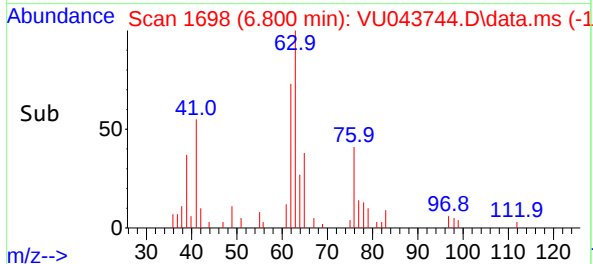
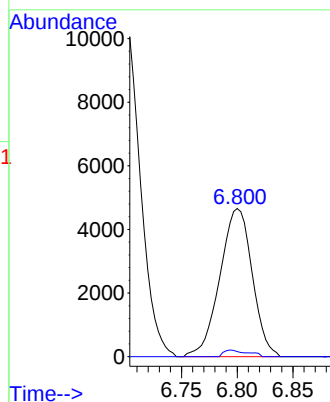
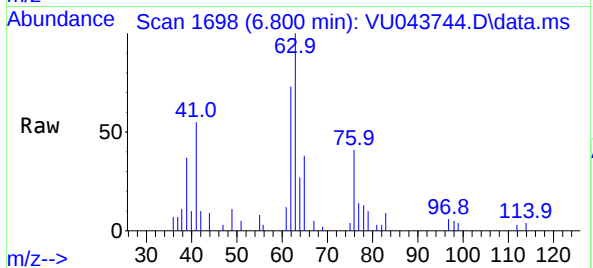




#37
1,2-Dichloropropane
Concen: 2.30 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.004 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

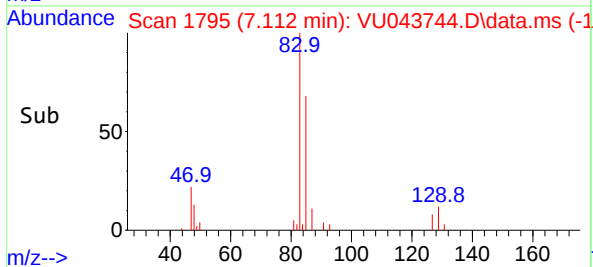
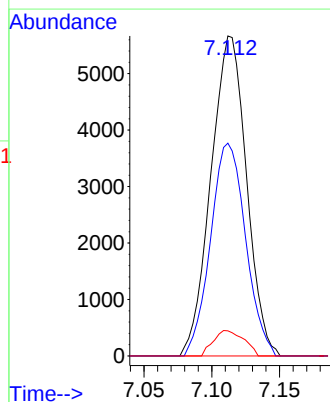
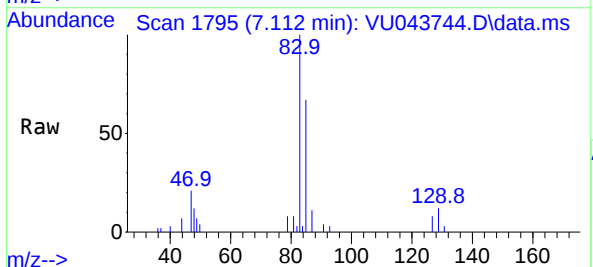
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

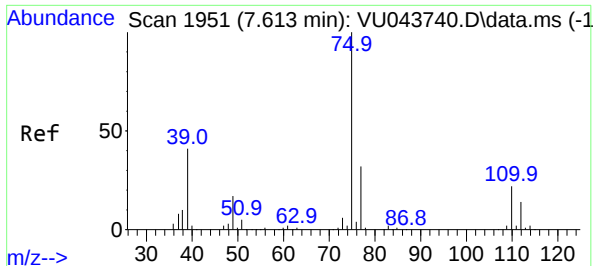
Tgt Ion: 63 Resp: 9431
Ion Ratio Lower Upper
63 100
112 2.8 3.0 4.4#



#38
Bromodichloromethane
Concen: 2.14 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 83 Resp: 10355
Ion Ratio Lower Upper
83 100
85 66.5 44.3 82.3
127 7.8 6.6 9.8

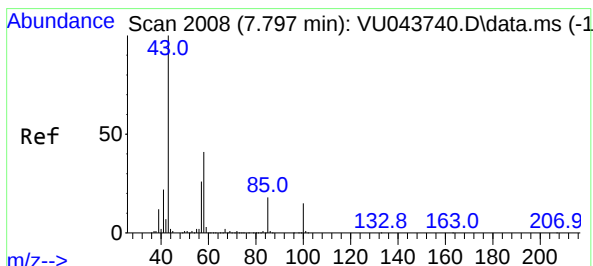
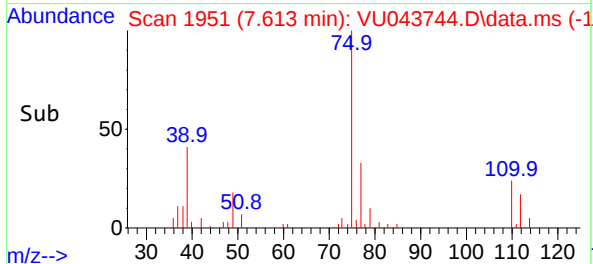
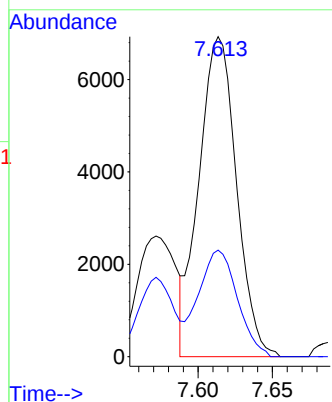
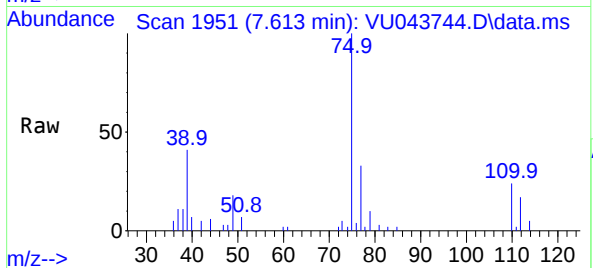




#39
cis-1,3-Dichloropropene
Concen: 2.18 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

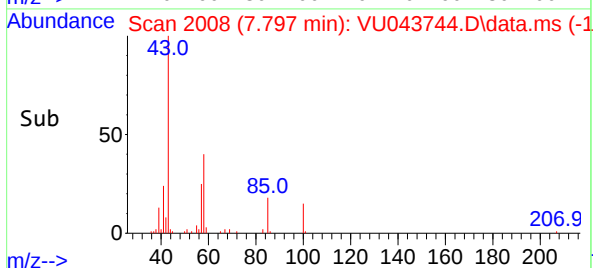
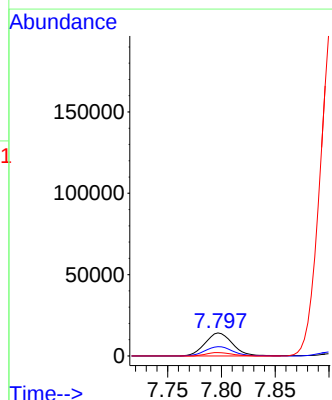
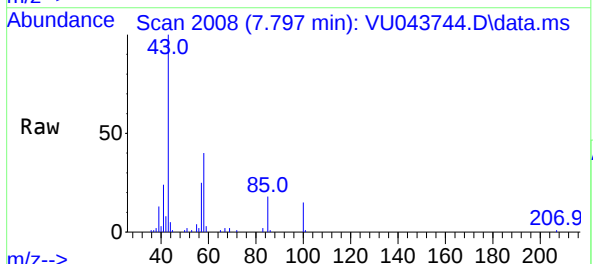
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

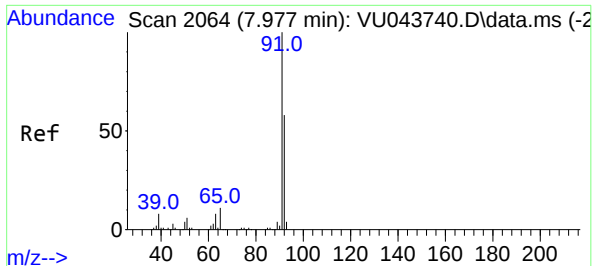
Tgt Ion: 75 Resp: 12191
Ion Ratio Lower Upper
75 100
77 35.1 22.0 41.0



#40
4-Methyl-2-pentanone
Concen: 4.08 ug/L
RT: 7.797 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 43 Resp: 25170
Ion Ratio Lower Upper
43 100
58 40.2 33.4 50.0
100 13.8 12.2 18.2

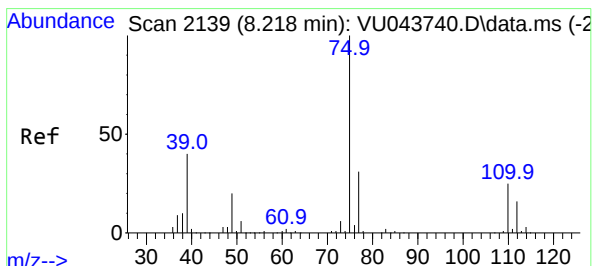
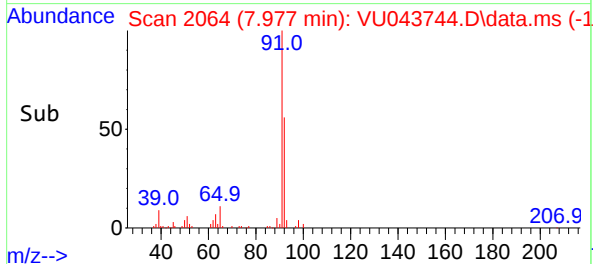
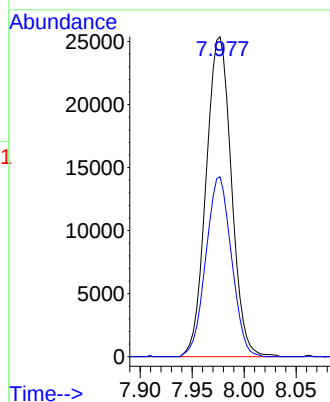
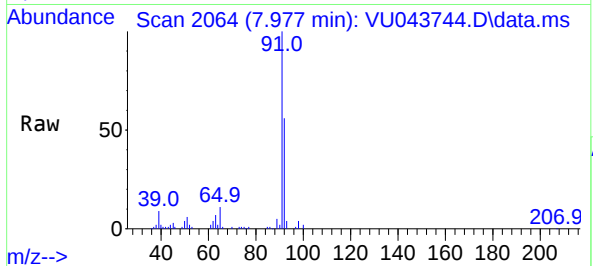




#42
Toluene
Concen: 2.74 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

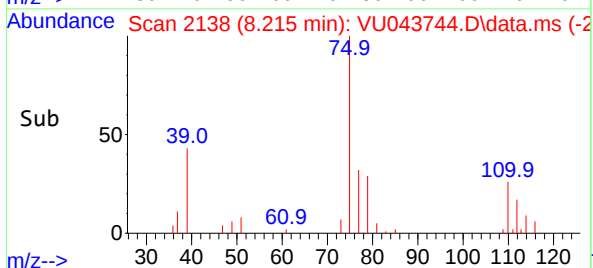
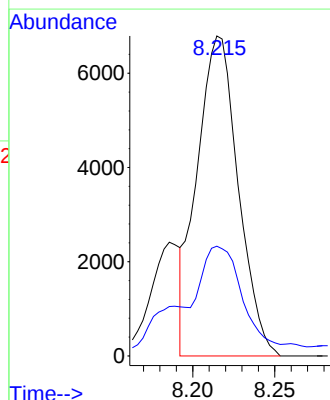
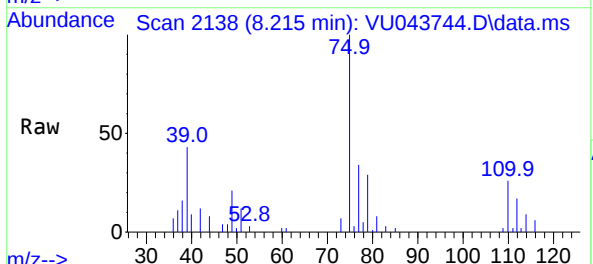
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

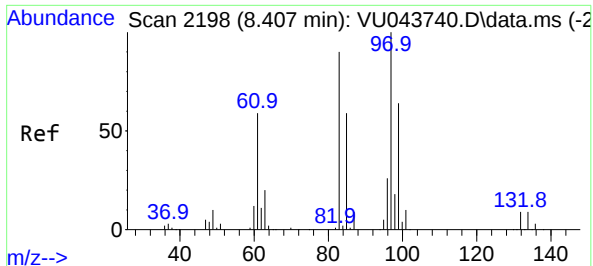
Tgt Ion: 91 Resp: 43010
Ion Ratio Lower Upper
91 100
92 56.3 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 2.25 ug/L
RT: 8.215 min Scan# 2138
Delta R.T. -0.003 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 75 Resp: 11841
Ion Ratio Lower Upper
75 100
77 34.3 22.4 41.6



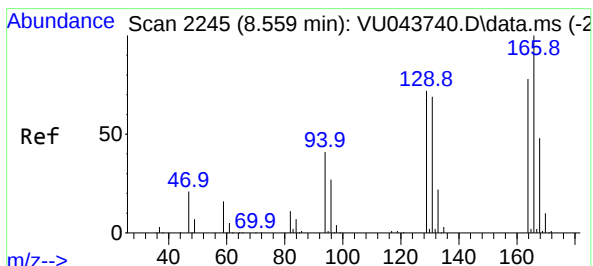
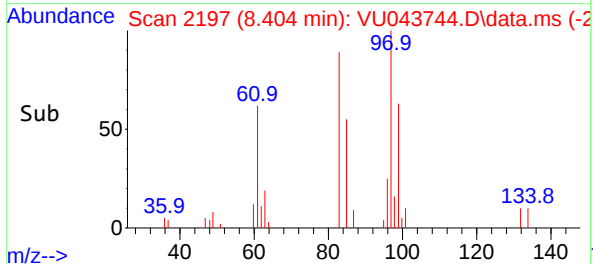
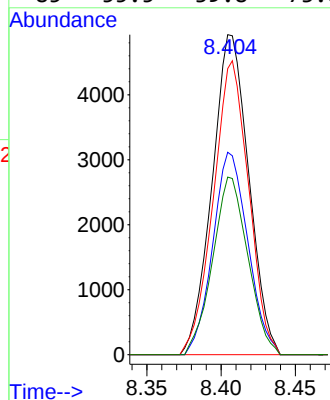
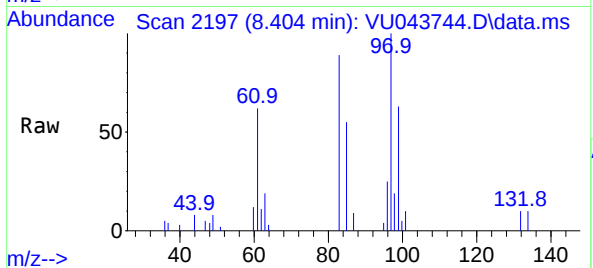


#45

1,1,2-Trichloroethane
Concen: 2.24 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

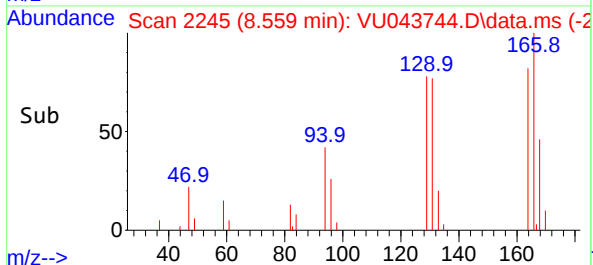
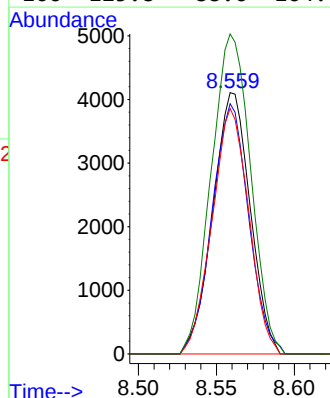
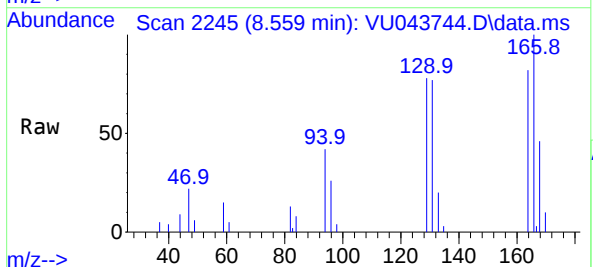
Tgt Ion:	97	Resp:	8455
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.2	80.2
83	89.4	61.7	114.5
85	55.5	39.8	73.8

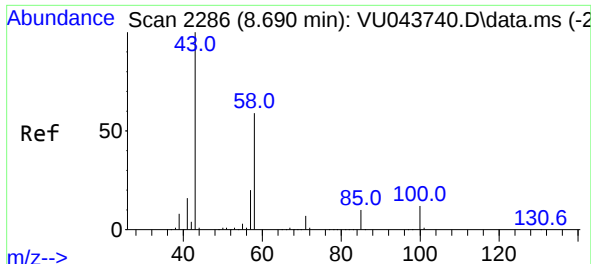


#46

Tetrachloroethene
Concen: 2.38 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion:	164	Resp:	6833
Ion	Ratio	Lower	Upper
164	100		
129	95.7	65.5	121.6
131	93.9	63.0	117.0
166	125.8	88.6	164.6



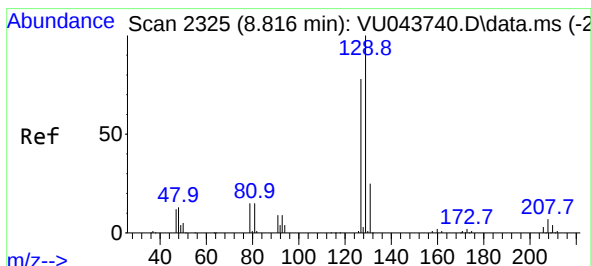
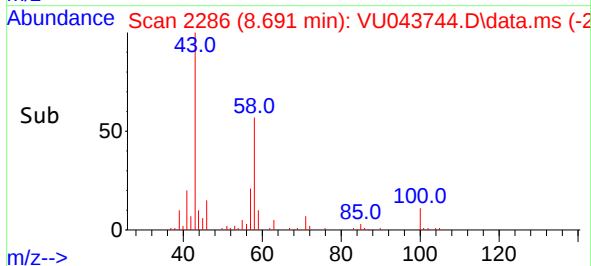
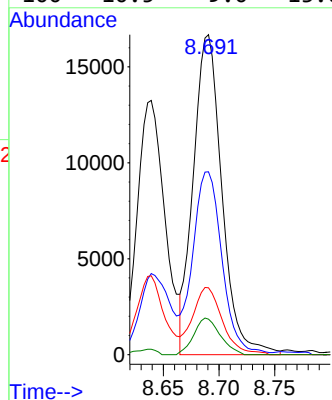
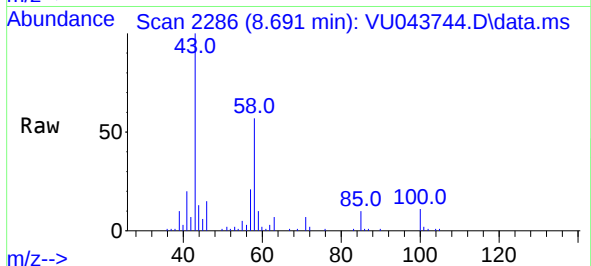


#48
2-Hexanone
Concen: 6.03 ug/L
RT: 8.691 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

Tgt Ion: 43 Resp: 29841

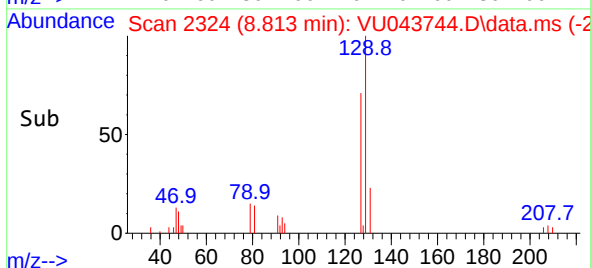
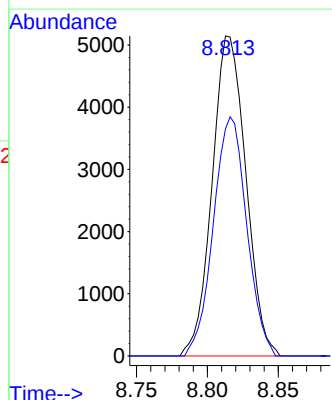
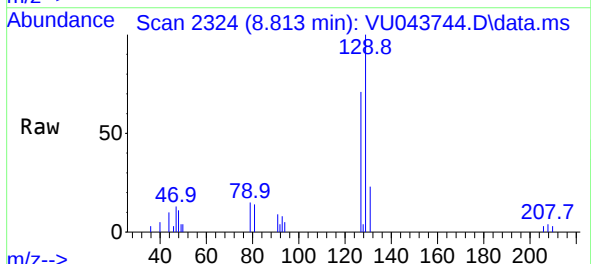
Ion	Ratio	Lower	Upper
43	100		
58	58.0	46.2	69.2
57	21.9	15.9	23.9
100	10.5	9.0	13.6

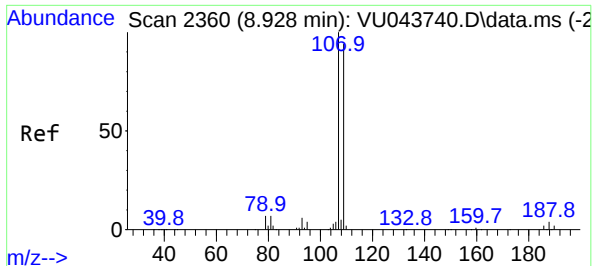


#49
Dibromochloromethane
Concen: 2.21 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion: 129 Resp: 8540

Ion	Ratio	Lower	Upper
129	100		
127	70.9	54.5	101.1



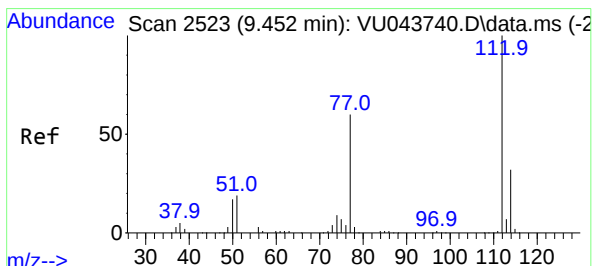
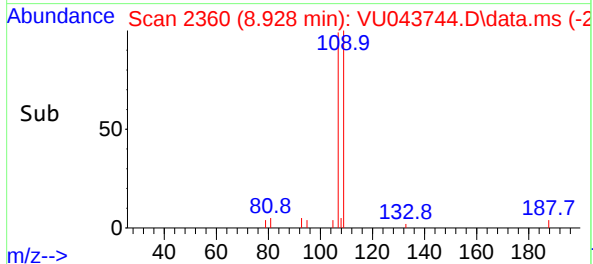
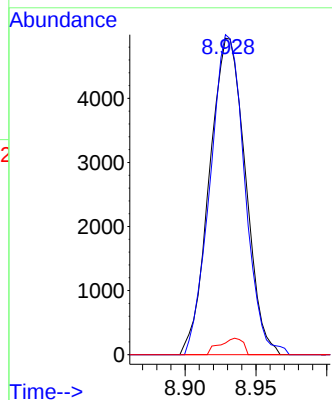
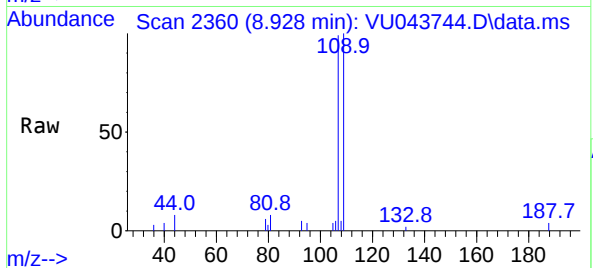


#50
1,2-Dibromoethane
Concen: 2.22 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.003 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

Tgt Ion:107 Resp: 8703

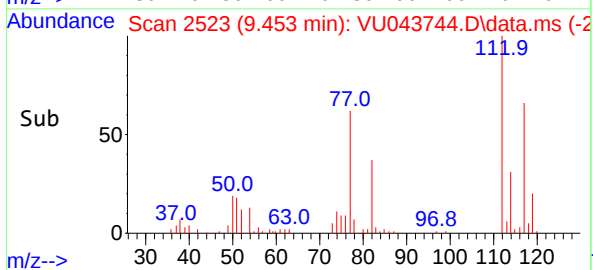
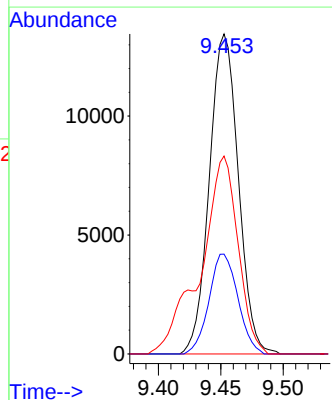
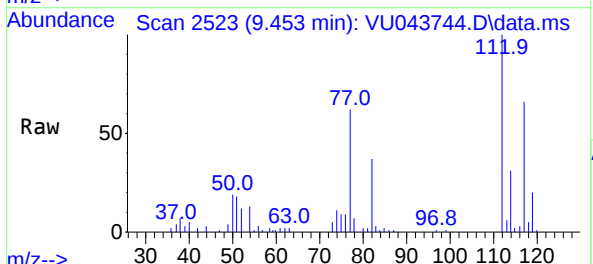
Ion	Ratio	Lower	Upper
107	100		
109	101.1	66.5	123.5
188	3.7	3.2	4.8

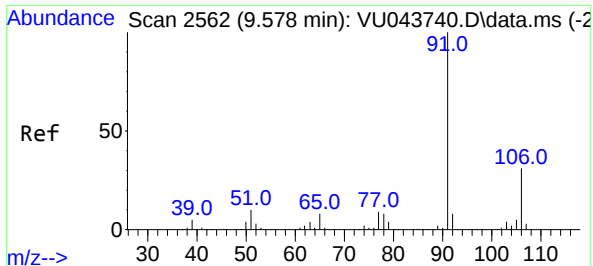


#51
Chlorobenzene
Concen: 2.25 ug/L
RT: 9.453 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion:112 Resp: 21820

Ion	Ratio	Lower	Upper
112	100		
114	33.6	22.7	42.1
77	61.9	48.5	72.7





#52

Ethylbenzene

Concen: 2.06 ug/L

RT: 9.575 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU043744.D

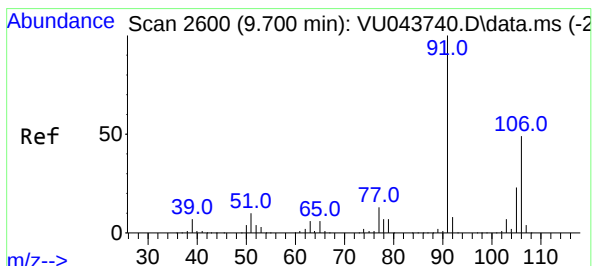
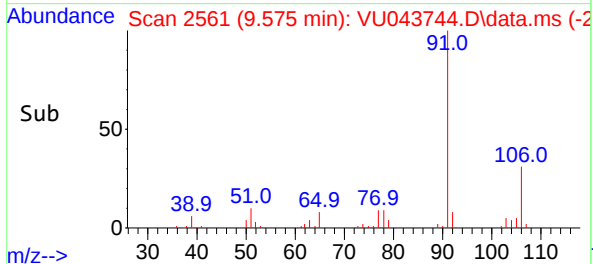
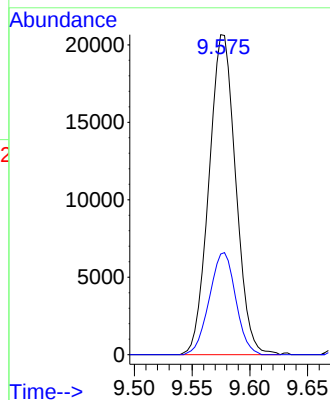
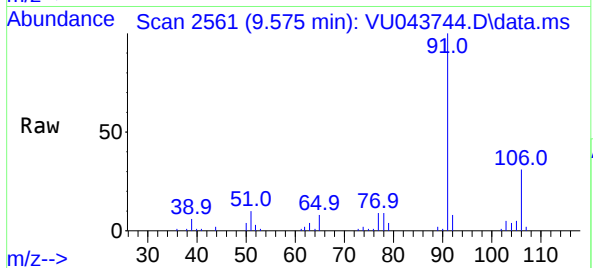
Acq: 14 May 2021 10:32

Tgt Ion: 91 Resp: 33255

Ion Ratio Lower Upper

91 100

106 31.5 21.6 40.2



#53

m,p-Xylene

Concen: 2.02 ug/L

RT: 9.700 min Scan# 2600

Delta R.T. 0.000 min

Lab File: VU043744.D

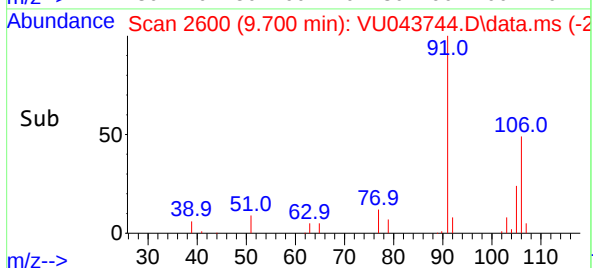
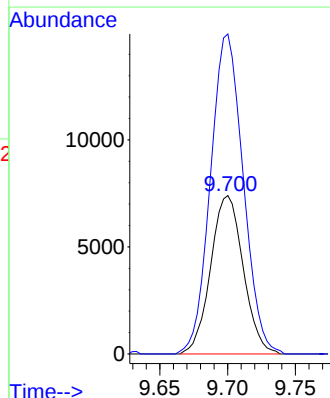
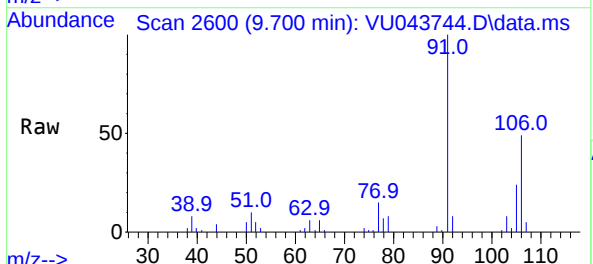
Acq: 14 May 2021 10:32

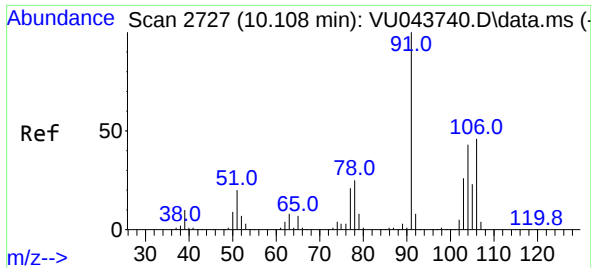
Tgt Ion: 106 Resp: 12365

Ion Ratio Lower Upper

106 100

91 202.1 142.9 265.5

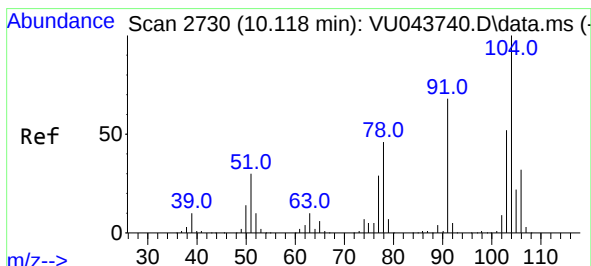
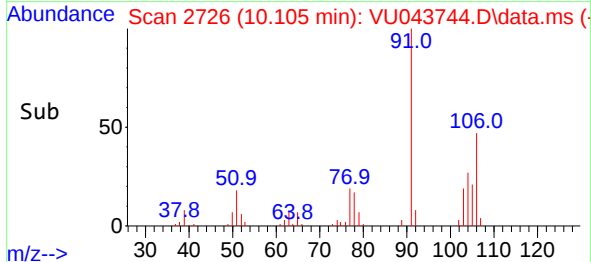
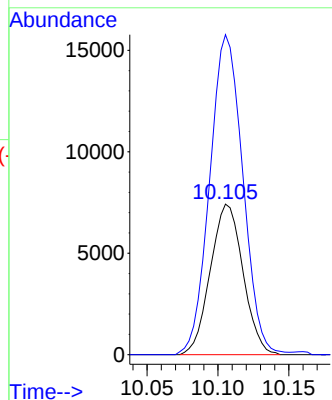
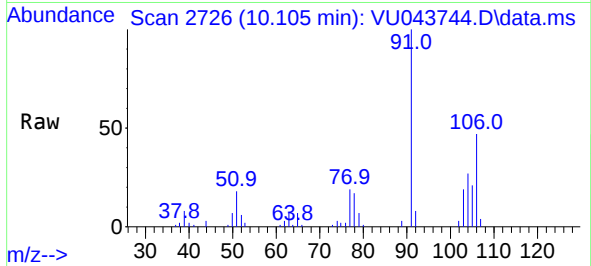




#54
o-xylene
Concen: 1.97 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

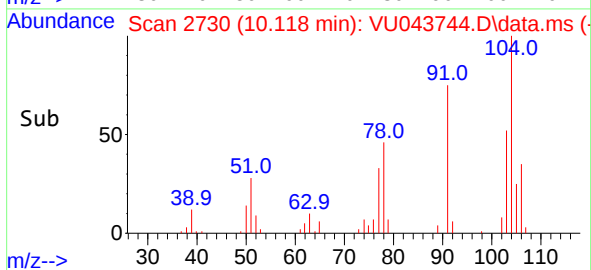
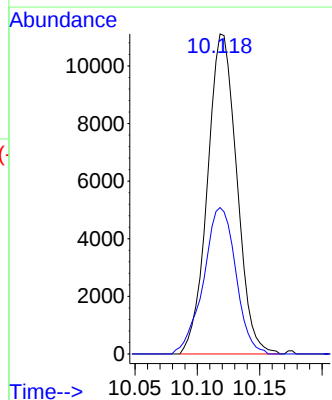
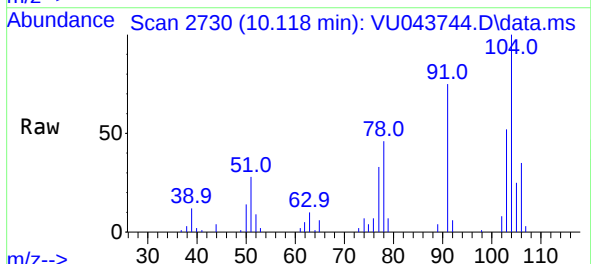
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

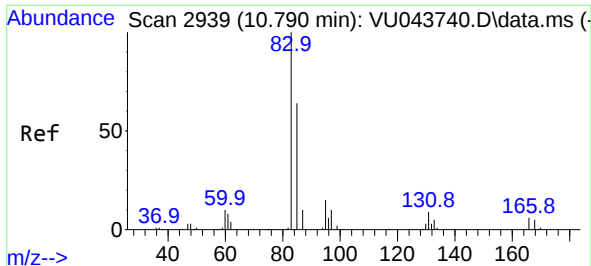
Tgt Ion:106 Resp: 11908
Ion Ratio Lower Upper
106 100
91 197.6 151.6 281.6



#55
Styrene
Concen: 1.78 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion:104 Resp: 18203
Ion Ratio Lower Upper
104 100
78 45.8 31.8 59.0

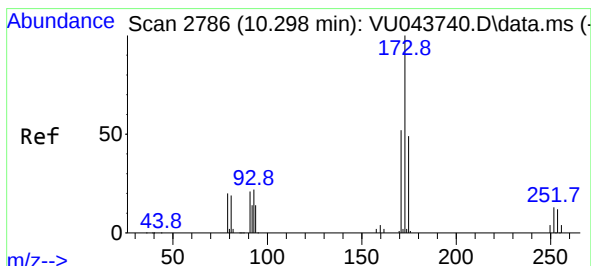
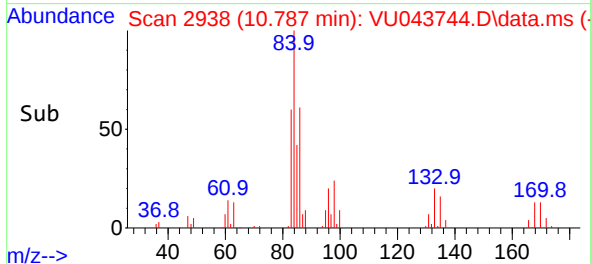
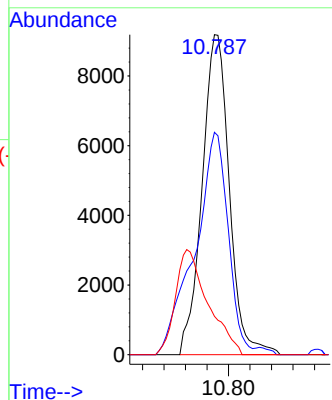
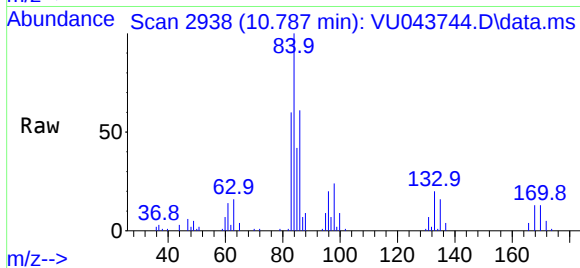




#57
1,1,2,2-Tetrachloroethane
Concen: 2.35 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

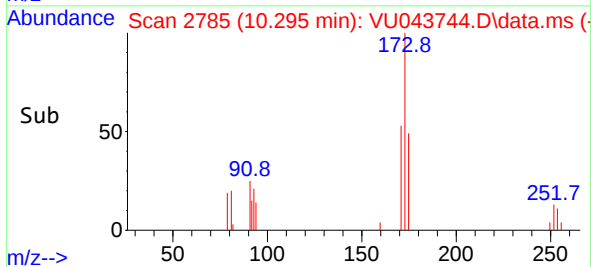
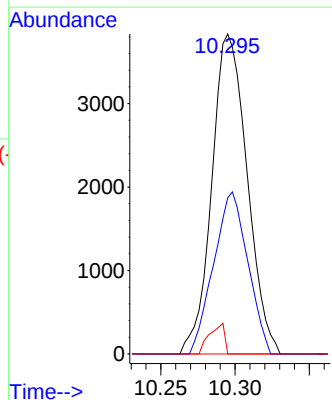
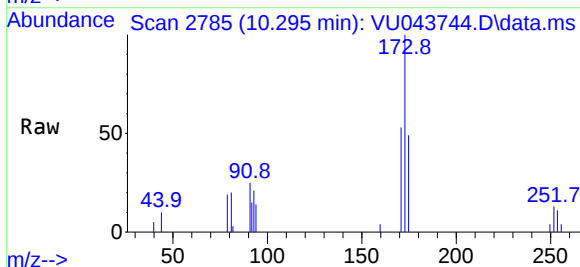
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

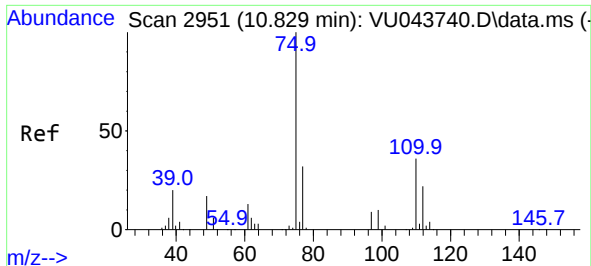
Tgt Ion:	83	Resp:	16155
Ion	Ratio	Lower	Upper
83	100		
85	69.5	44.5	82.7
131	12.0	7.4	11.2#



#59
Bromoform
Concen: 2.30 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion:	173	Resp:	6343
Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.6	57.8
254	4.1	6.8	10.2#

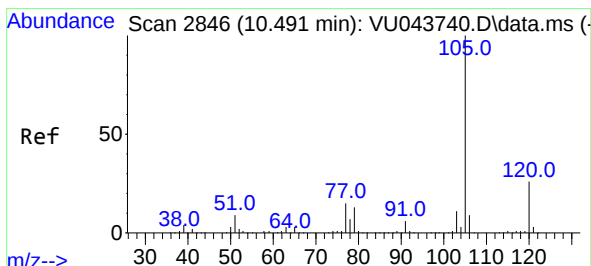
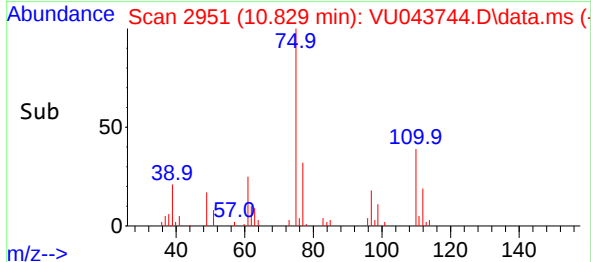
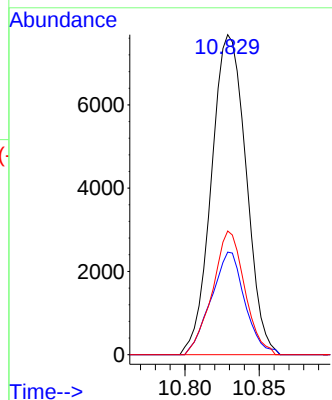
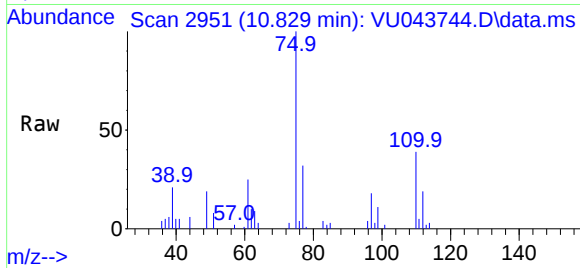




#60
1,2,3-Trichloropropane
Concen: 2.53 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

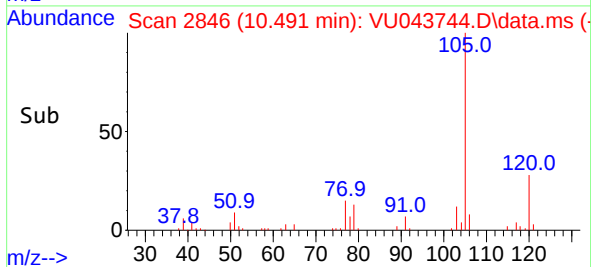
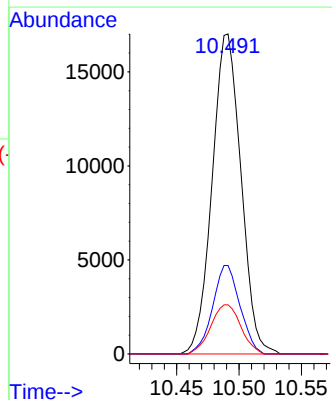
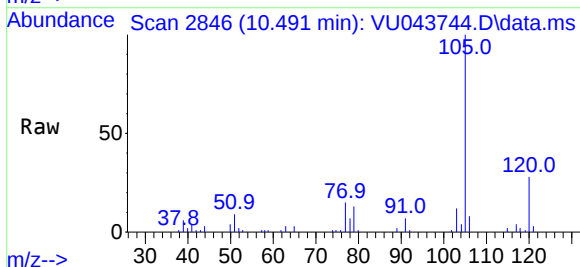
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

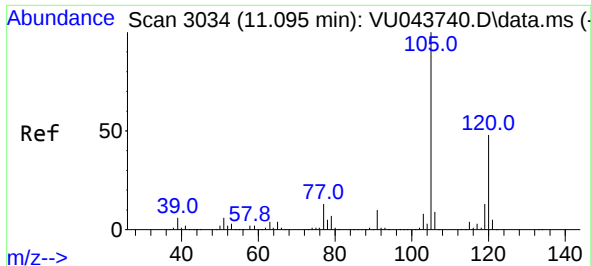
Tgt Ion:	75	Resp:	12454
Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.8	38.6
110	36.0	28.9	43.3



#61
Isopropylbenzene
Concen: 1.98 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion:	105	Resp:	27381
Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.0	31.4
77	16.0	12.5	18.7

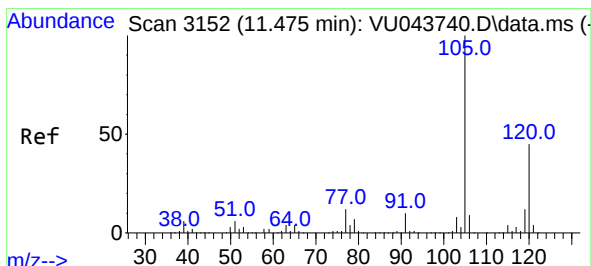
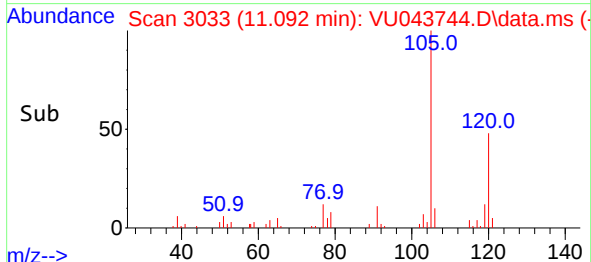
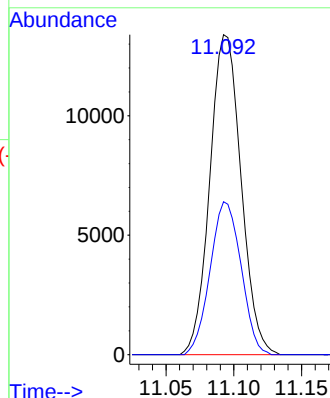
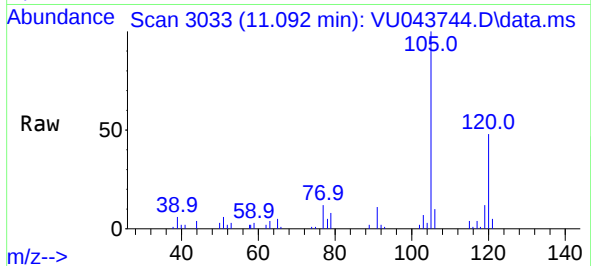




#62
1,3,5-Trimethylbenzene
Concen: 1.87 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

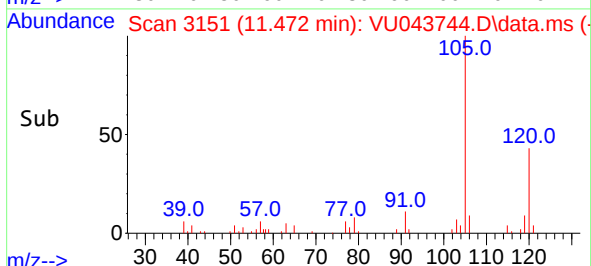
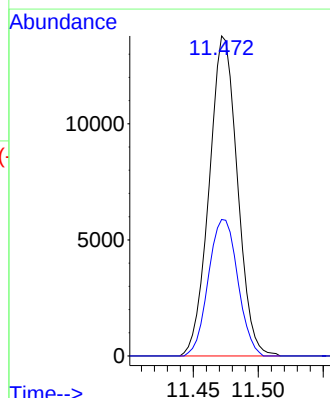
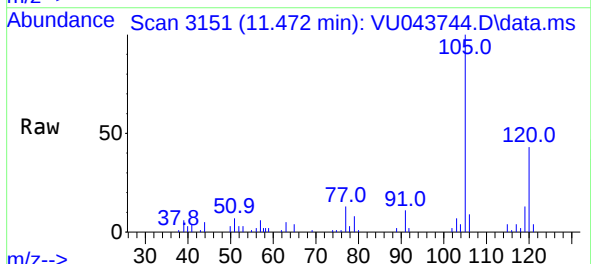
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

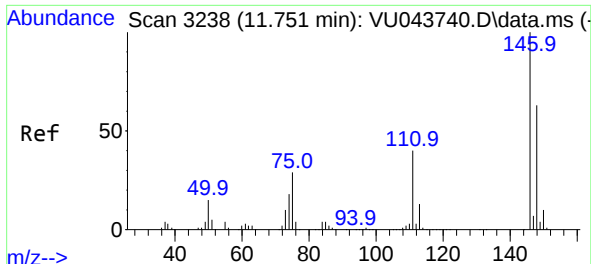
Tgt Ion:105 Resp: 21464
Ion Ratio Lower Upper
105 100
120 47.3 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 1.81 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion:105 Resp: 20820
Ion Ratio Lower Upper
105 100
120 44.4 36.2 54.2

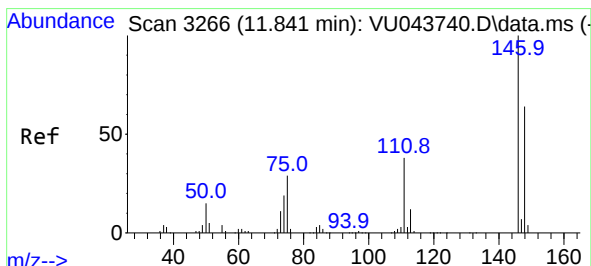
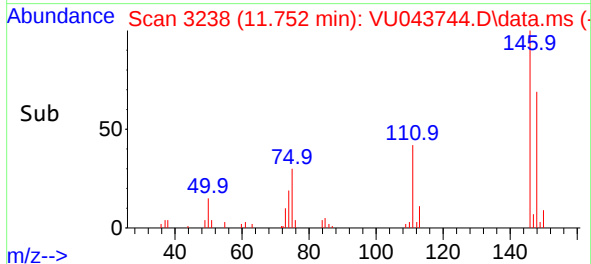
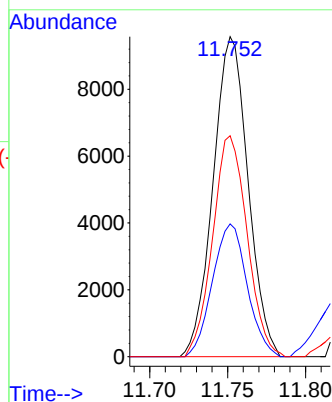
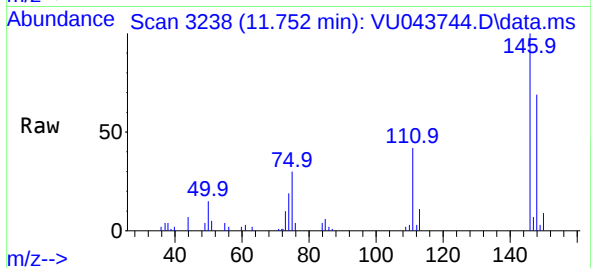




#64
1,3-Dichlorobenzene
Concen: 2.22 ug/L
RT: 11.752 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

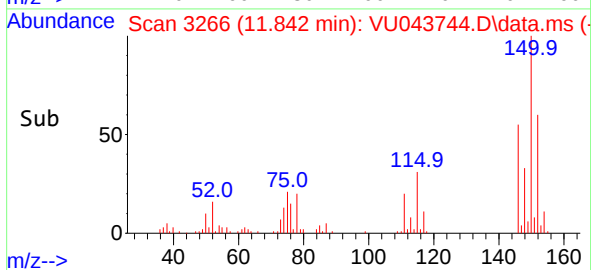
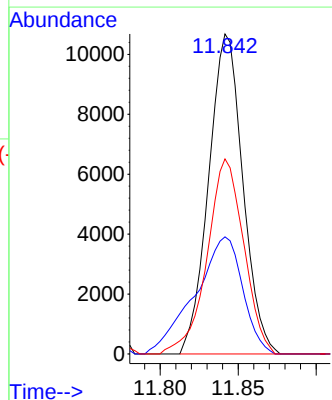
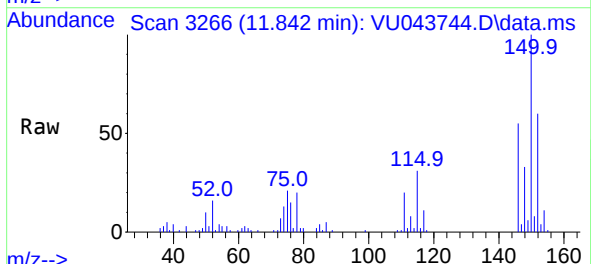
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

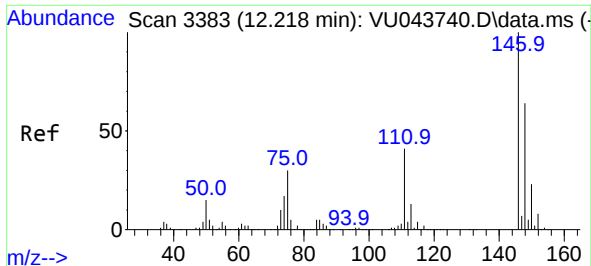
Tgt Ion:146 Resp: 14927
Ion Ratio Lower Upper
146 100
111 41.5 27.8 51.6
148 69.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 2.38 ug/L
RT: 11.842 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion:146 Resp: 16290
Ion Ratio Lower Upper
146 100
111 36.6 27.1 50.3
148 60.9 45.4 84.4

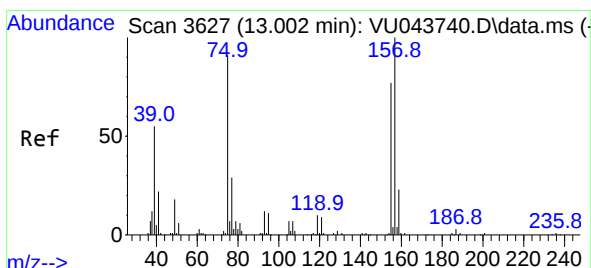
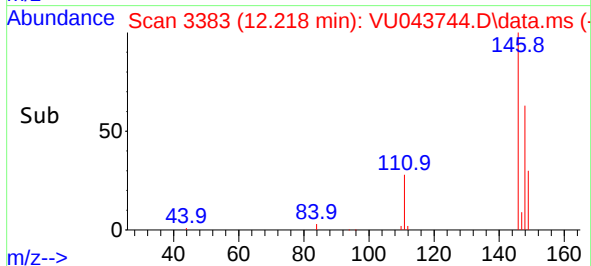
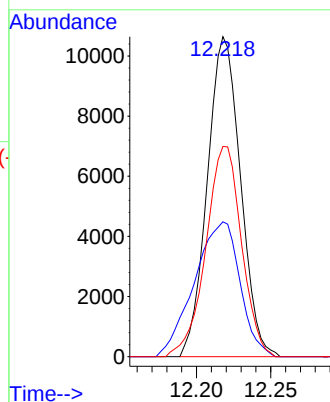
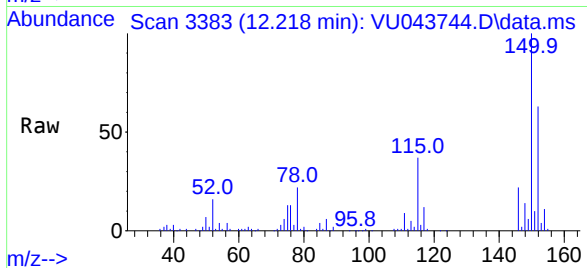




#67
1,2-Dichlorobenzene
Concen: 2.37 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

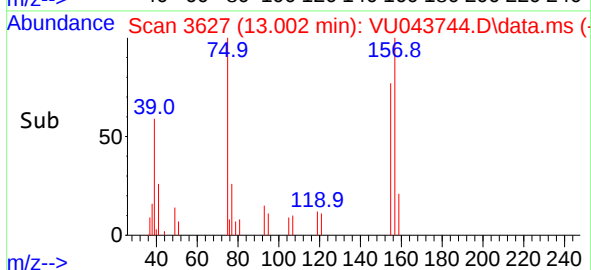
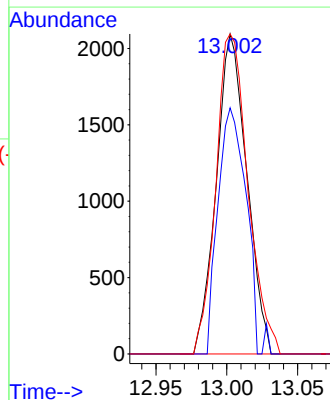
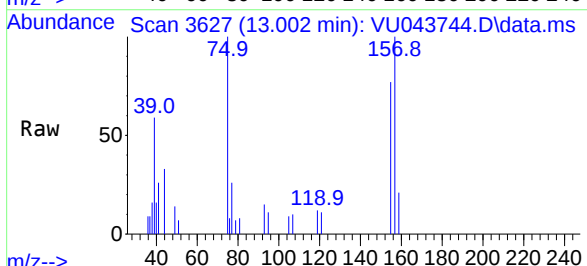
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

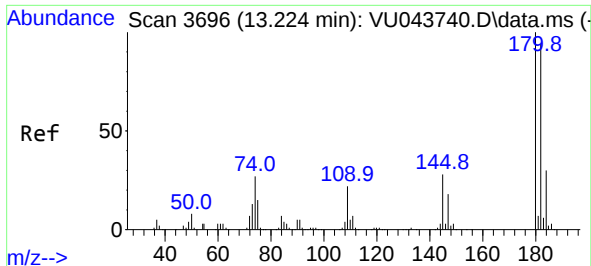
Tgt Ion:	146	Resp:	16528
Ion Ratio	Lower	Upper	
146	100		
111	42.2	33.5	50.3
148	65.7	51.7	77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 2.33 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion:	75	Resp:	3138
Ion Ratio	Lower	Upper	
75	100		
155	71.2	72.5	108.7#
157	92.5	92.3	138.5



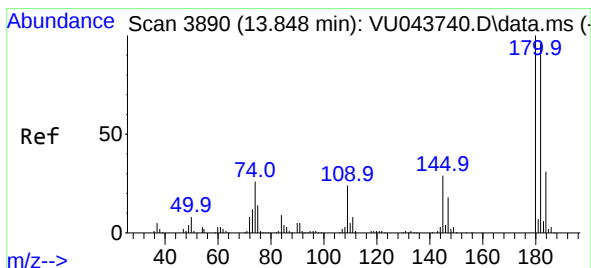
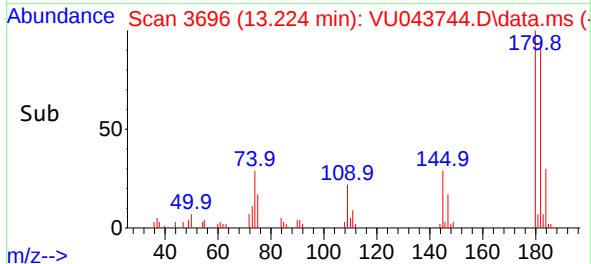
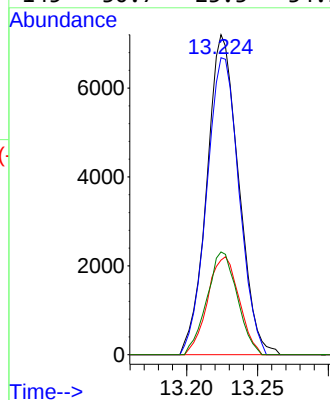
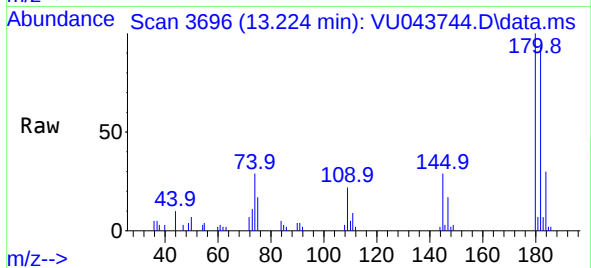


#69
1,3,5-Trichlorobenzene
Concen: 2.26 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

Tgt Ion:180 Resp: 11234

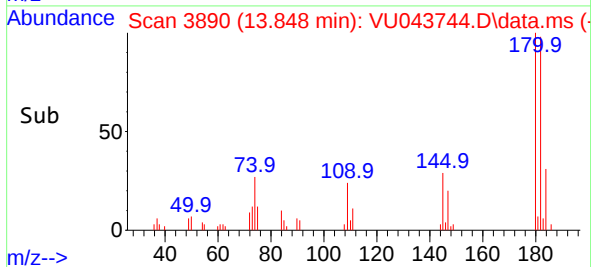
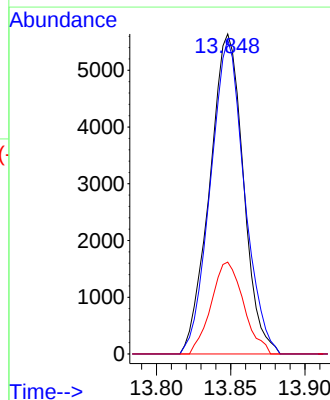
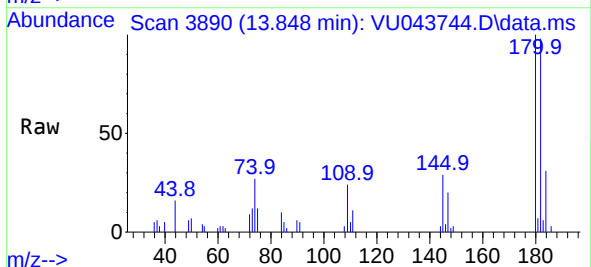
Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.4	114.6
184	30.2	25.0	37.4
145	30.7	23.3	34.9

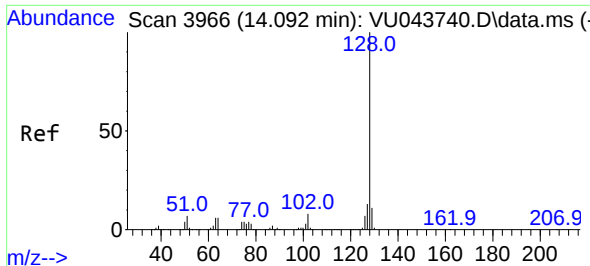


#70
1,2,4-trichlorobenzene
Concen: 2.09 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion:180 Resp: 8873

Ion	Ratio	Lower	Upper
180	100		
182	98.6	75.9	113.9
145	27.7	23.4	35.0

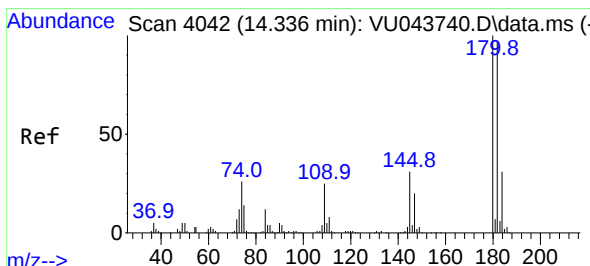
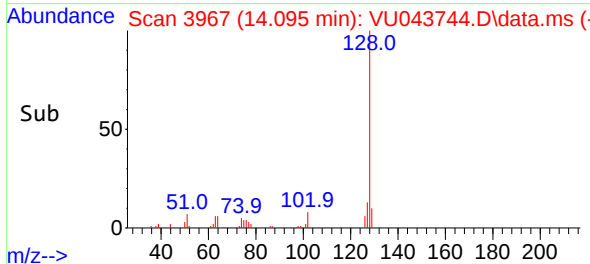
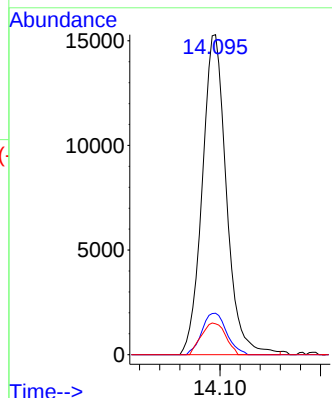
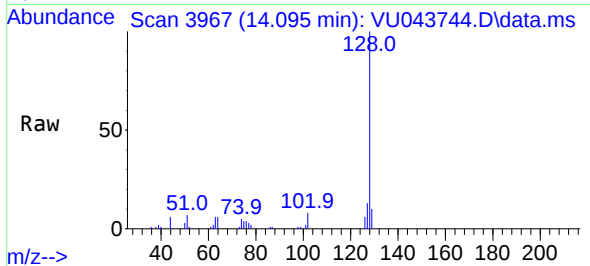




#71
Naphthalene
Concen: 1.80 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.004 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

Tgt Ion:	128	Resp:	25535
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	9.9	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.03 ug/L
RT: 14.337 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043744.D
Acq: 14 May 2021 10:32

Tgt Ion:	180	Resp:	9061
Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.9	115.3
145	28.5	24.9	37.3

