

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043663.D
 Acq On : 11 May 2021 14:45
 Operator : SY/MD
 Sample : M2250-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 12 01:30:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 01:26:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	88936	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	90147	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41184	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24666	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.919	69	21617	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.575	65	13287	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.649	46	116576	52.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.02%
24) Chloroform-d	5.073	84	62206	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.713	65	40276	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.736	84	108554	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.700	67	41019	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	89447	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloroprop...	8.186	79	15358	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.642	63	89692	61.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.98%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36067	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	34102	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1364	0.23	ug/L	92
3) Chloromethane	1.520	50	1784	0.28	ug/L	95
5) Vinyl chloride	1.607	62	1463	0.24	ug/L #	42
6) Bromomethane	1.864	94	852	0.30	ug/L	95
8) Chloroethane	1.941	64	989	0.25	ug/L	95
9) Trichlorofluoromethane	2.144	101	2293	0.24	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	1717	0.30	ug/L #	81
12) 1,1-Dichloroethene	2.588	96	1675	0.34	ug/L #	1
13) Acetone	2.665	43	3004	2.03	ug/L	75
14) Carbon disulfide	2.800	76	2933	0.24	ug/L	99
15) Methyl Acetate	2.974	43	1120	0.33	ug/L #	58
16) Methylene chloride	3.054	84	3557	0.45	ug/L	91
17) Methyl tert-butyl Ether	3.379	73	3398	0.23	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	1125	0.22	ug/L	89
19) 1,1-Dichloroethane	3.874	63	2996	0.24	ug/L	98
21) 2-Butanone	4.729	43	4183	1.76	ug/L	99
22) cis-1,2-Dichloroethene	4.681	96	1362	0.22	ug/L	86
23) Bromochloromethane	4.986	128	598	0.22	ug/L #	87
25) Chloroform	5.099	83	3865	0.29	ug/L	91

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

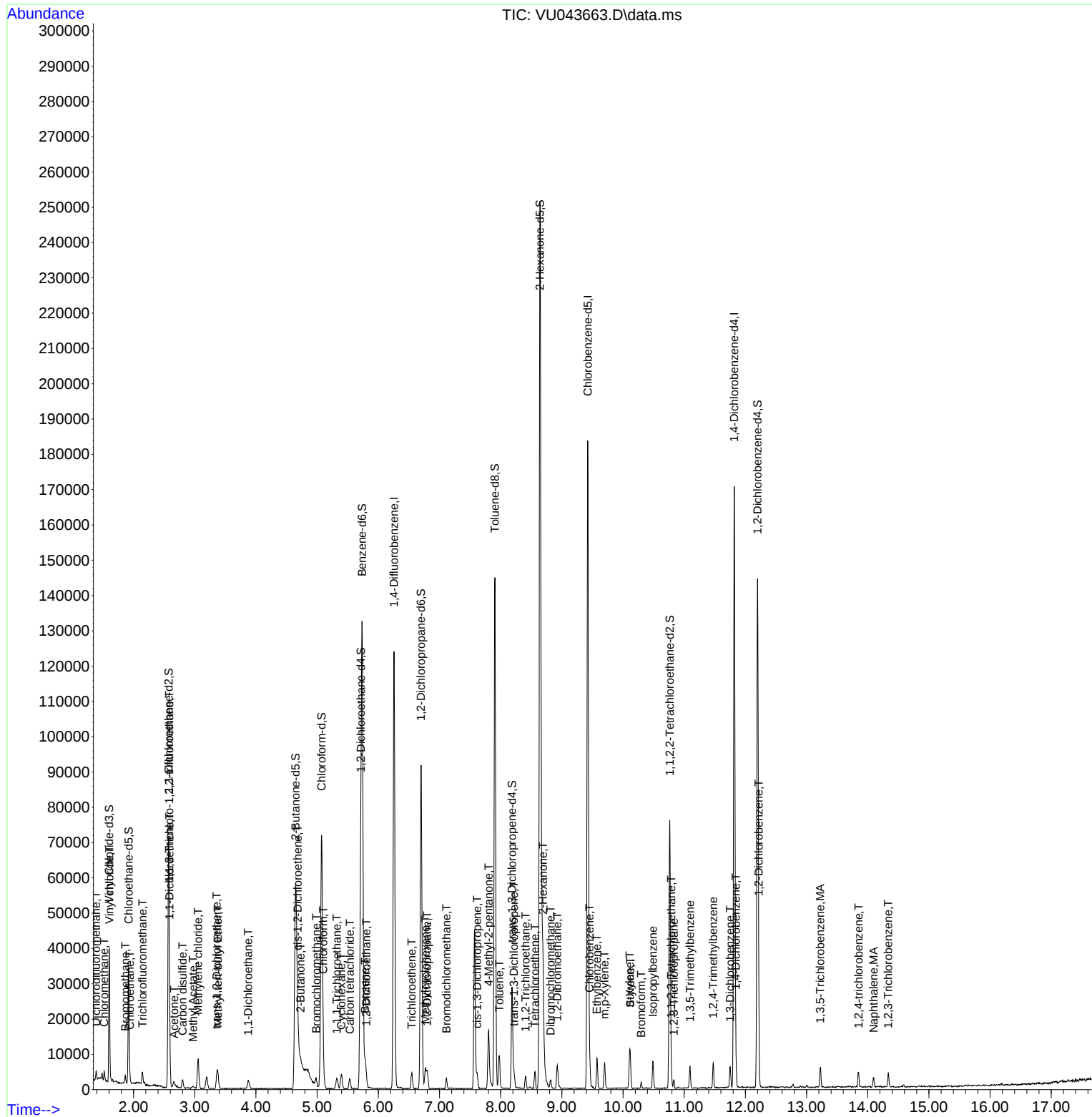
27) 1,2-Dichloroethane	5.803	62	2230	0.25	ug/L #	78
29) 1,1,1-Trichloroethane	5.321	97	2557	0.24	ug/L	92
30) Cyclohexane	5.398	56	1820	0.22	ug/L	99
31) Carbon tetrachloride	5.536	117	1814	0.21	ug/L	98
33) Benzene	5.784	78	5604	0.24	ug/L	100
34) Trichloroethene	6.546	95	1336	0.22	ug/L	89
35) Methylcyclohexane	6.771	83	1688	0.22	ug/L	98
37) 1,2-Dichloropropane	6.800	63	2012	0.28	ug/L #	90
38) Bromodichloromethane	7.115	83	2149	0.23	ug/L #	79
39) cis-1,3-Dichloropropene	7.617	75	2238	0.24	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	14038	2.42	ug/L #	90
42) Toluene	7.980	91	7290	0.29	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	2757	0.32	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	1103	0.23	ug/L	93
47) Tetrachloroethene	8.559	164	1084	0.24	ug/L	87
48) 2-Hexanone	8.694	43	16283	3.78	ug/L #	96
49) Dibromochloromethane	8.819	129	1420	0.24	ug/L	78
50) 1,2-Dibromoethane	8.925	107	1180	0.26	ug/L #	85
51) Chlorobenzene	9.452	112	3434	0.22	ug/L	92
52) Ethylbenzene	9.575	91	5797	0.22	ug/L	95
53) m,p-Xylene	9.697	106	2018	0.21	ug/L	99
54) o-Xylene	10.108	106	1882	0.20	ug/L	89
55) Styrene	10.118	104	3004	0.18	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	1841	0.28	ug/L #	99
59) Bromoform	10.298	173	771	0.26	ug/L #	86
60) Isopropylbenzene	10.491	105	4868	0.22	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	1189	0.29	ug/L #	80
62) 1,3,5-Trimethylbenzene	11.095	105	3704	0.21	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	3881	0.22	ug/L	92
64) 1,3-Dichlorobenzene	11.751	146	2347	0.21	ug/L	97
65) 1,4-Dichlorobenzene	11.845	146	2682	0.23	ug/L	97
67) 1,2-Dichlorobenzene	12.218	146	2598	0.23	ug/L	95
69) 1,3,5-Trichlorobenzene	13.224	180	2028	0.23	ug/L	92
70) 1,2,4-trichlorobenzene	13.851	180	1445	0.20	ug/L	98
71) Naphthalene	14.095	128	2584	0.21	ug/L #	86
72) 1,2,3-Trichlorobenzene	14.336	180	1443	0.21	ug/L	94

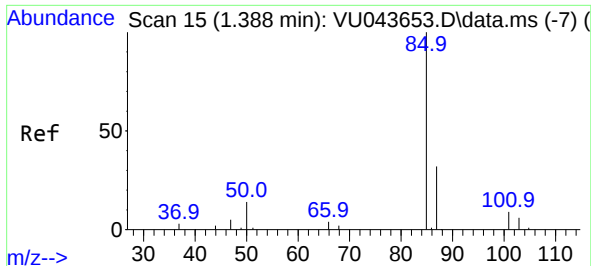
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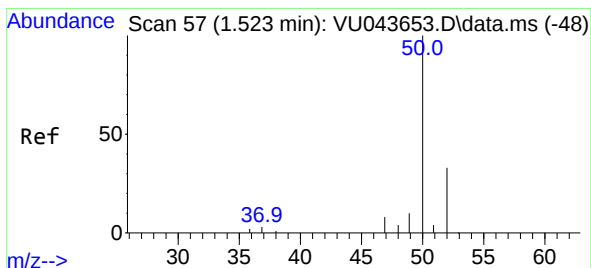
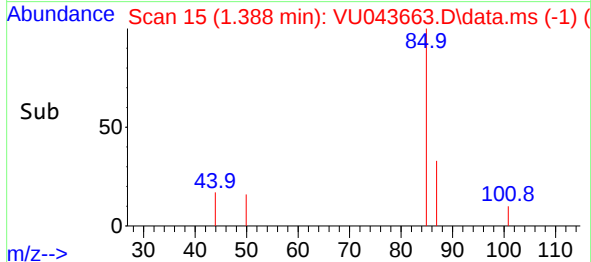
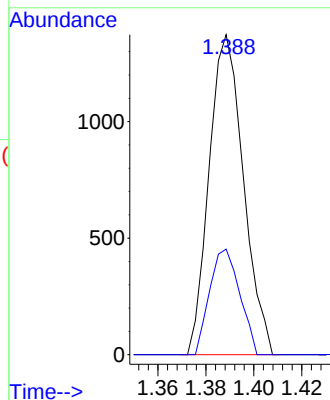
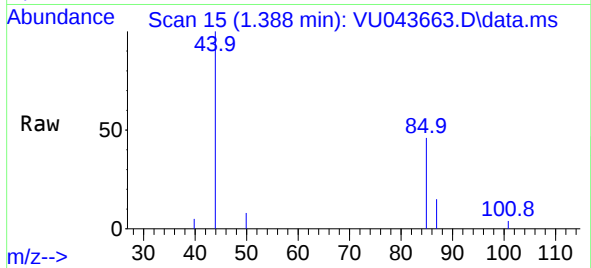




#2
Dichlorodifluoromethane
Concen: 0.23 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

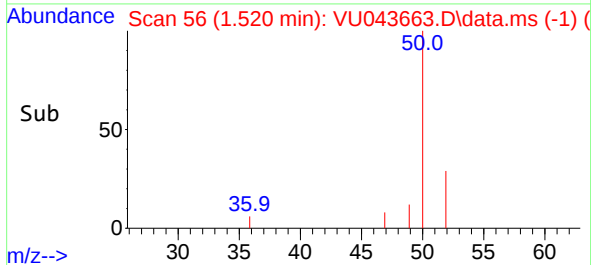
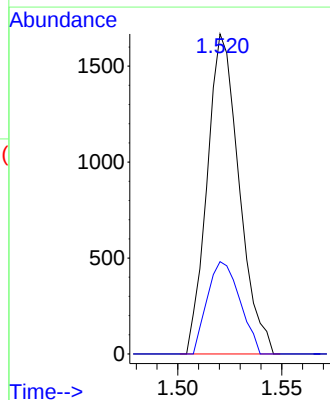
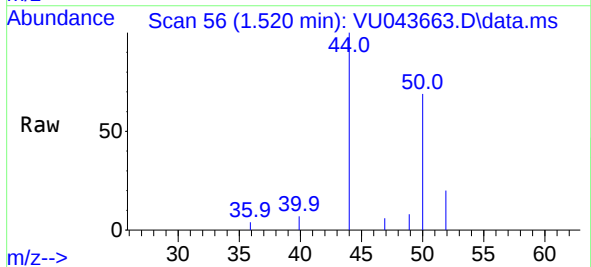
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MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

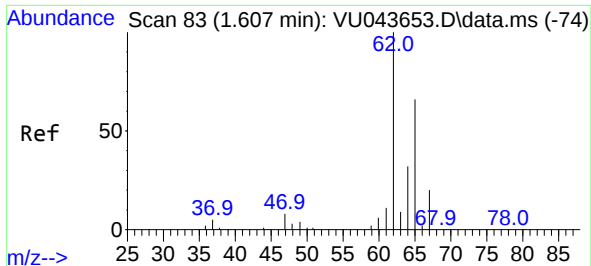
Tgt Ion: 85 Resp: 1364
Ion Ratio Lower Upper
85 100
87 28.9 26.6 39.8



#3
Chloromethane
Concen: 0.28 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 50 Resp: 1784
Ion Ratio Lower Upper
50 100
52 28.8 22.1 41.1

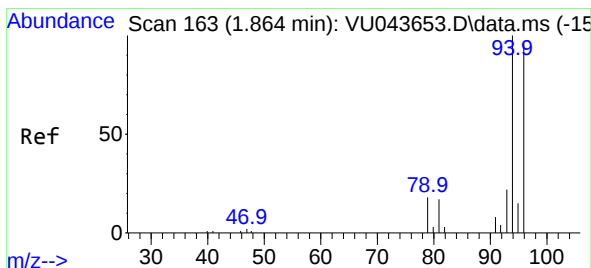
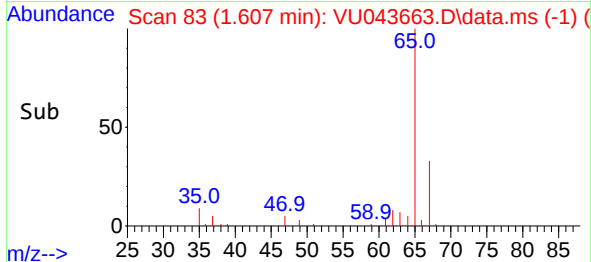
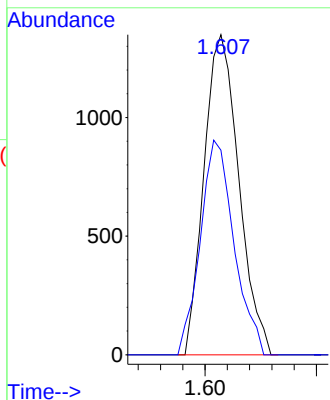
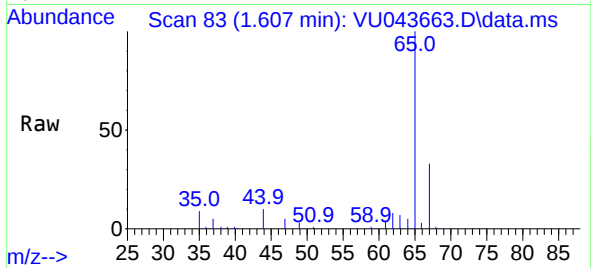




#5
 Vinyl chloride
 Concen: 0.24 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043663.D
 Acq: 11 May 2021 14:45

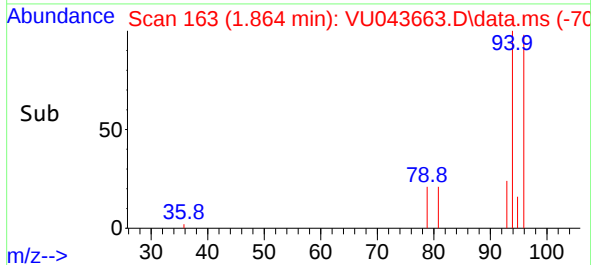
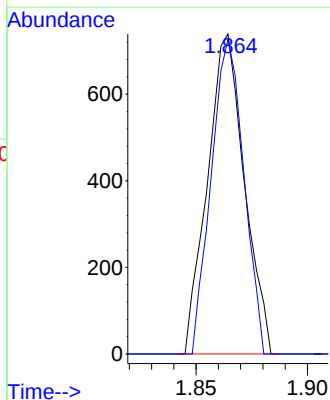
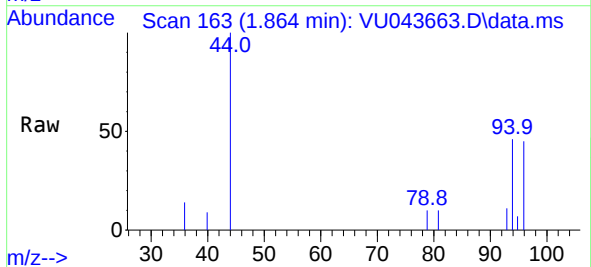
Instrument :
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 ClientSampleId :
 MDL-WATER-QT3-2021-05

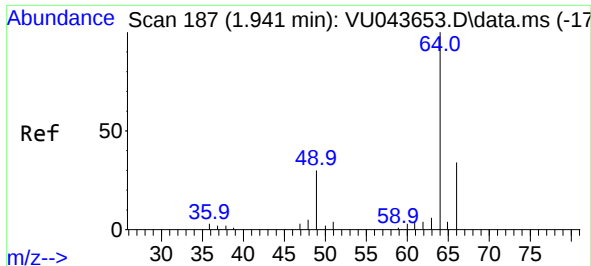
Tgt Ion: 62 Resp: 1463
 Ion Ratio Lower Upper
 62 100
 64 63.9 22.3 41.3#



#6
 Bromomethane
 Concen: 0.30 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU043663.D
 Acq: 11 May 2021 14:45

Tgt Ion: 94 Resp: 852
 Ion Ratio Lower Upper
 94 100
 96 98.2 65.7 121.9

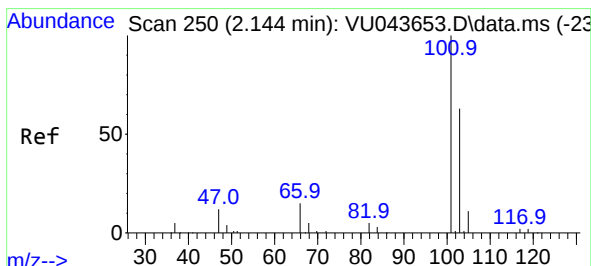
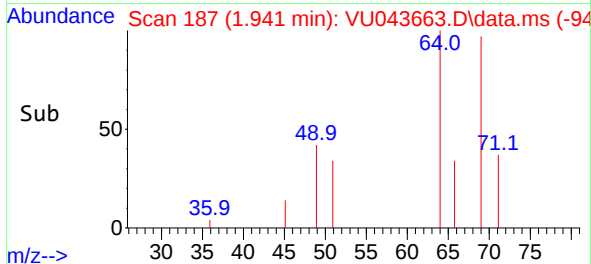
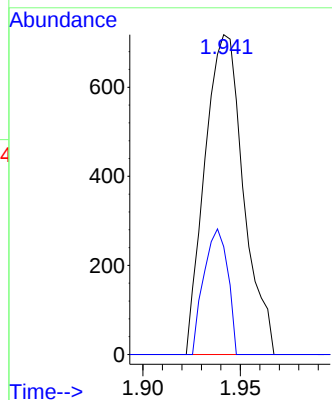
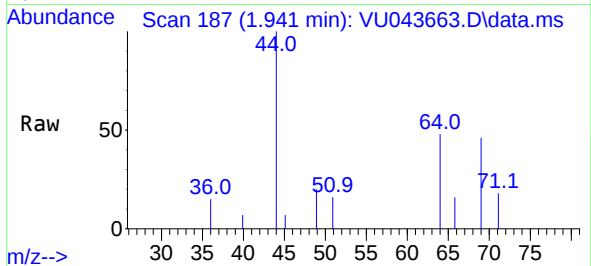




#8
Chloroethane
Concen: 0.25 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

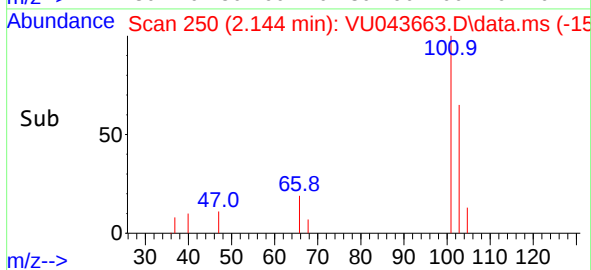
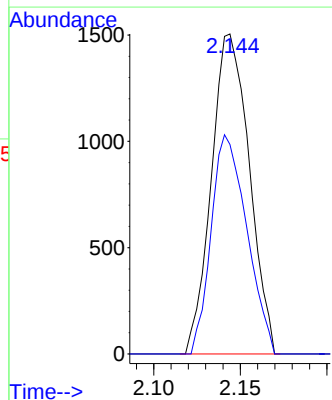
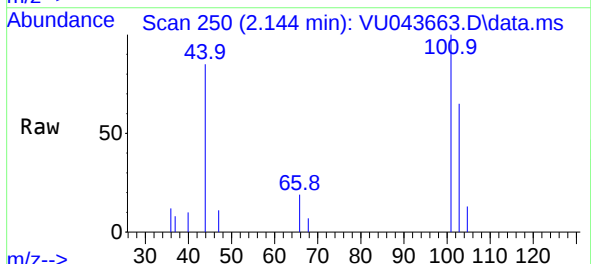
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

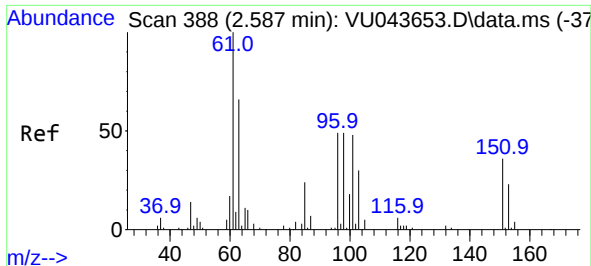
Tgt Ion: 64 Resp: 989
Ion Ratio Lower Upper
64 100
66 33.7 21.8 40.4



#9
Trichlorofluoromethane
Concen: 0.24 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion:101 Resp: 2293
Ion Ratio Lower Upper
101 100
103 64.3 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.30 ug/L

RT: 2.585 min Scan# 387

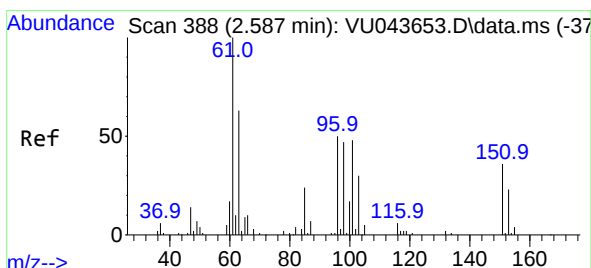
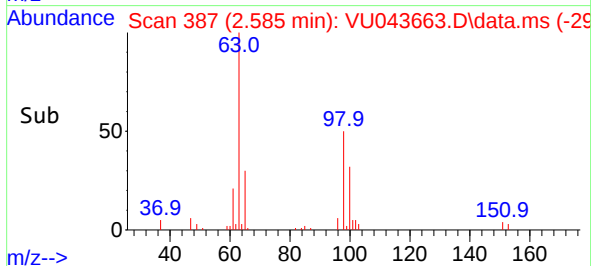
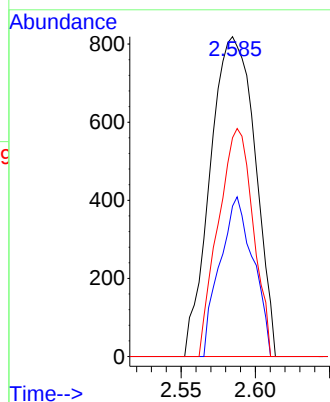
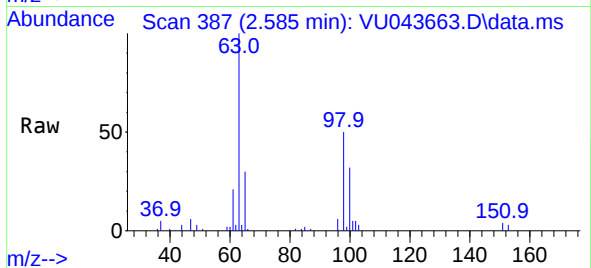
Delta R.T. -0.003 min

Lab File: VU043663.D

Acq: 11 May 2021 14:45

Tgt Ion:	101	Resp:	1717
Ion	Ratio	Lower	Upper
101	100		
85	37.2	38.5	57.7#
151	55.7	58.5	87.7#

Instrument :
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ClientSampleId :
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#12

1,1-Dichloroethene

Concen: 0.34 ug/L

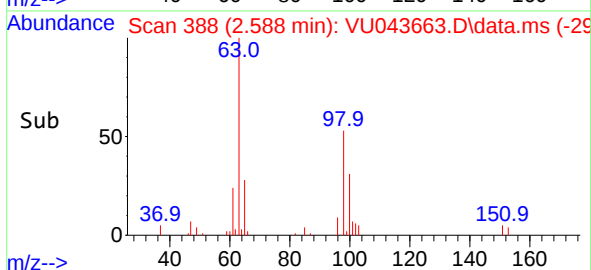
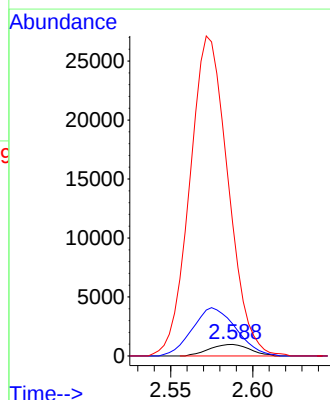
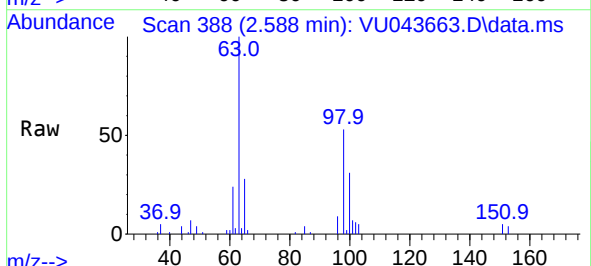
RT: 2.588 min Scan# 388

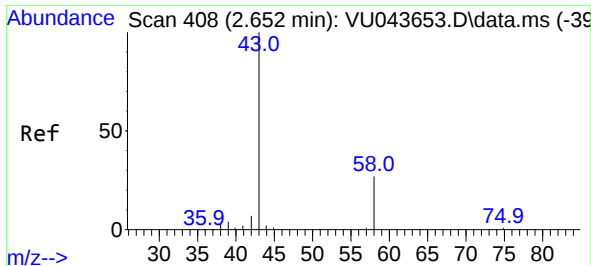
Delta R.T. 0.000 min

Lab File: VU043663.D

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Tgt Ion:	96	Resp:	1675
Ion	Ratio	Lower	Upper
96	100		
61	278.2	141.2	262.2#
63	1150.5	111.1	206.3#

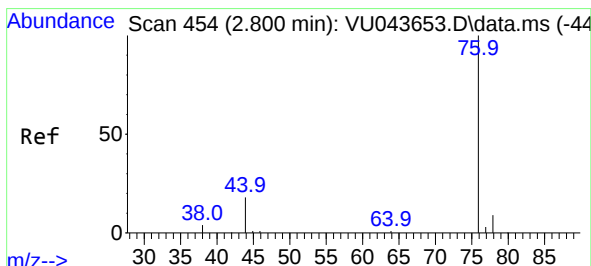
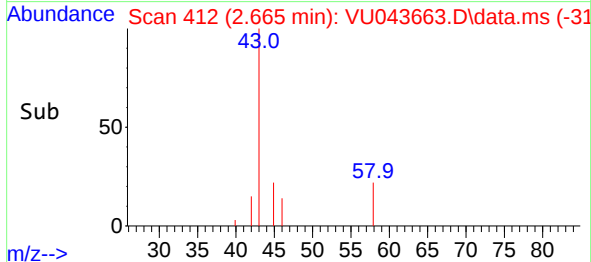
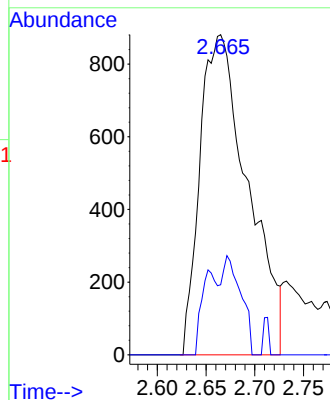
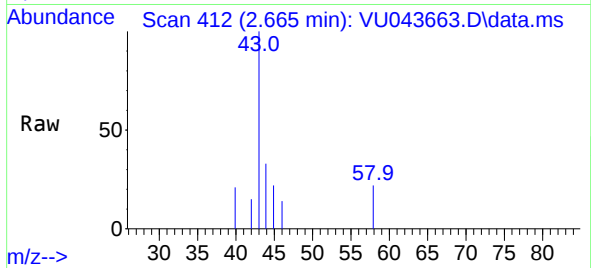




#13
Acetone
Concen: 2.03 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU043663.D
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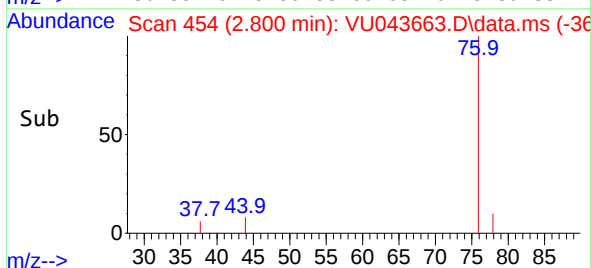
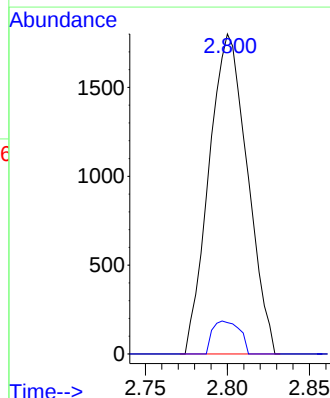
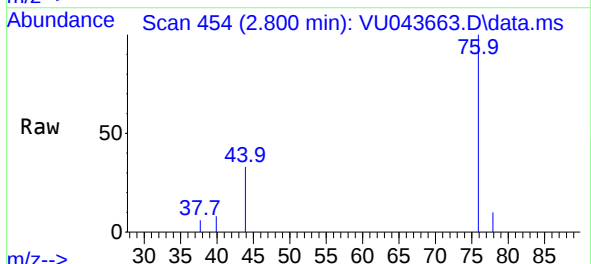
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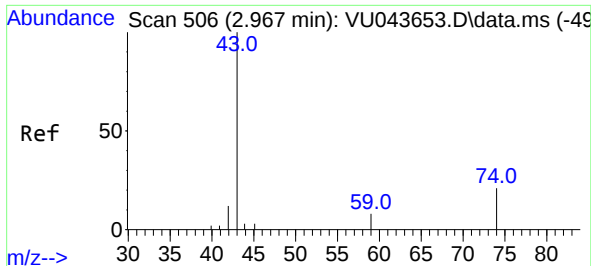
Tgt Ion: 43 Resp: 3004
Ion Ratio Lower Upper
43 100
58 12.7 0.0 50.8



#14
Carbon disulfide
Concen: 0.24 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 76 Resp: 2933
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

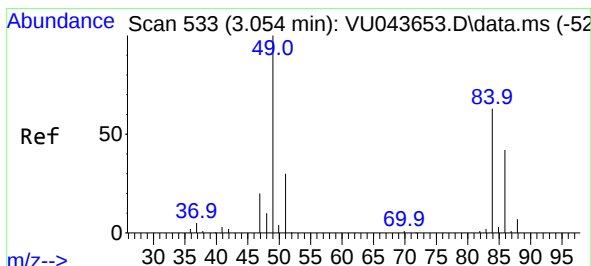
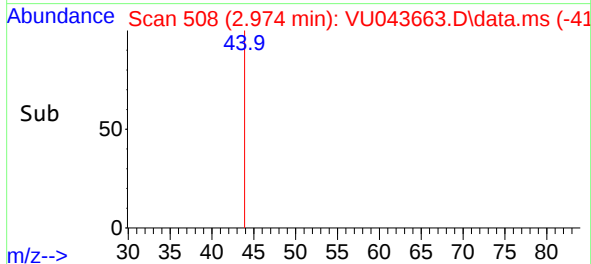
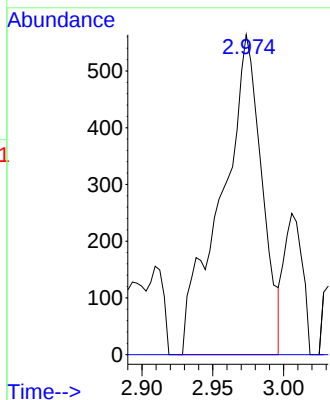
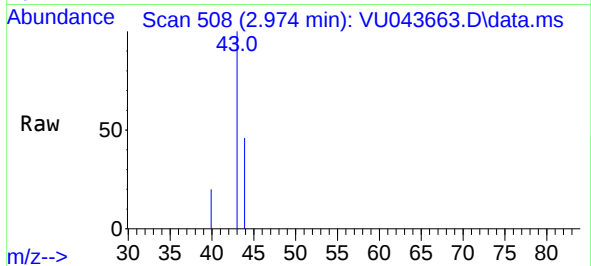




#15
Methyl Acetate
Concen: 0.33 ug/L
RT: 2.974 min Scan# 508
Delta R.T. 0.007 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

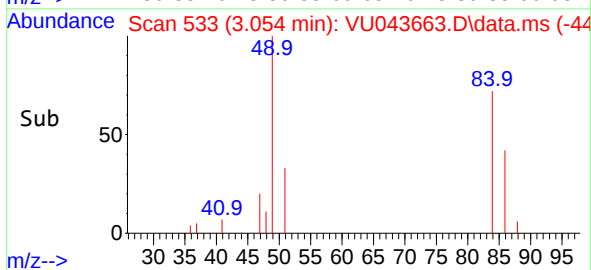
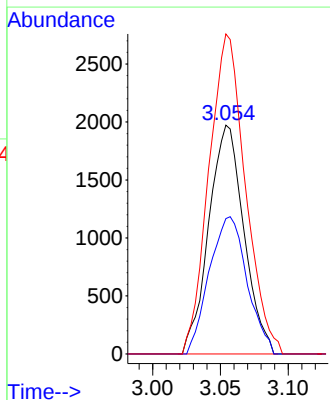
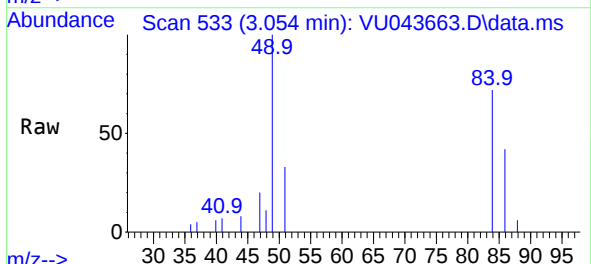
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

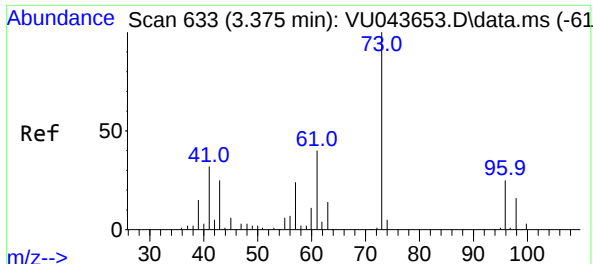
Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
74 0.0 15.2 22.8#



#16
Methylene chloride
Concen: 0.45 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 84 Resp: 3557
Ion Ratio Lower Upper
84 100
86 59.1 45.6 84.6
49 139.8 107.0 198.8





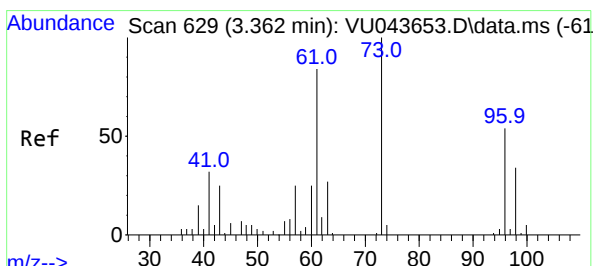
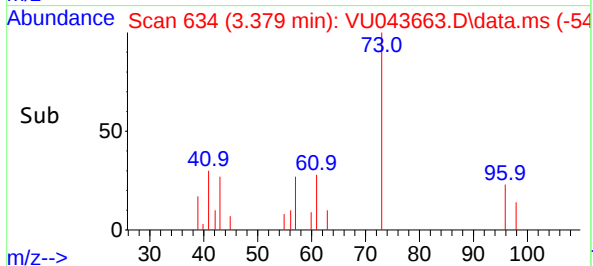
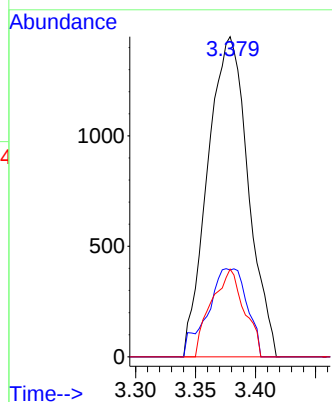
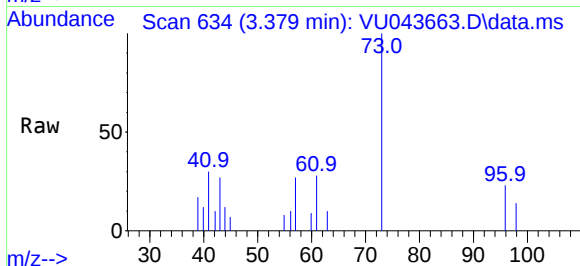
#17

Methyl tert-butyl Ether
Concen: 0.23 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

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

Tgt Ion: 73 Resp: 3398

Ion	Ratio	Lower	Upper
73	100		
43	26.8	20.6	30.8
57	22.1	18.7	28.1

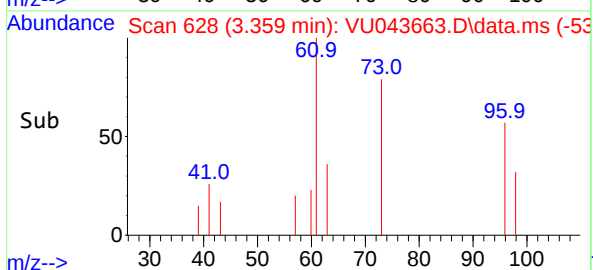
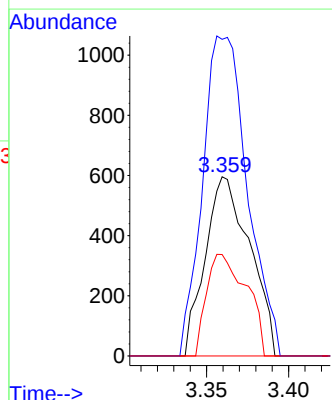
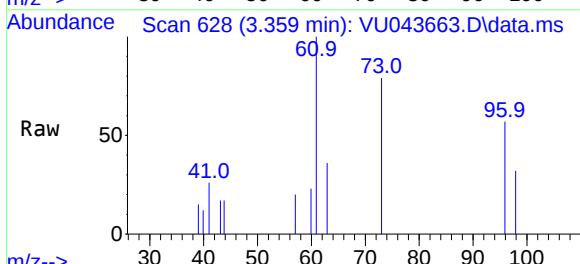


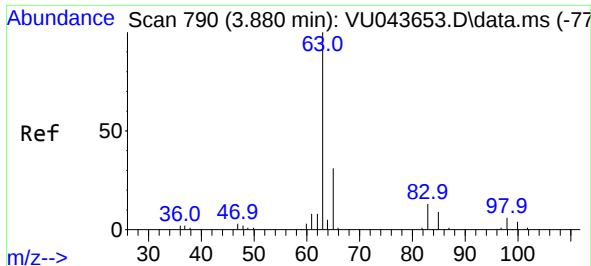
#18

trans-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 96 Resp: 1125

Ion	Ratio	Lower	Upper
96	100		
61	176.7	113.5	210.9
98	56.5	45.4	84.2



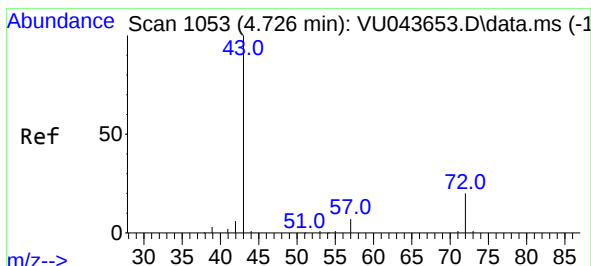
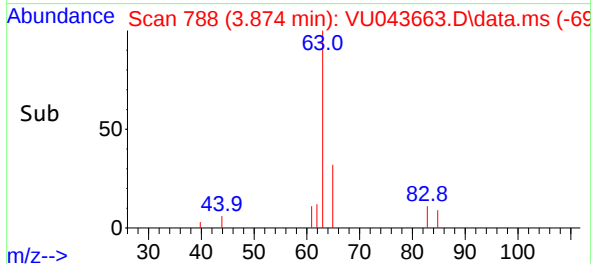
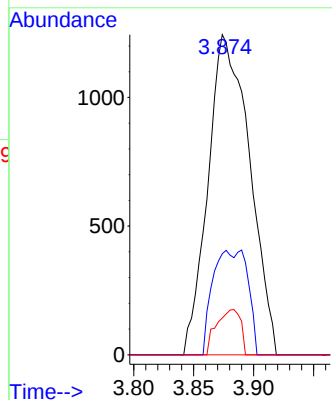
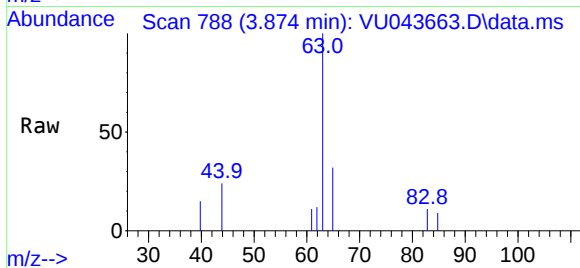


#19

1,1-Dichloroethane
Concen: 0.24 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.006 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

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

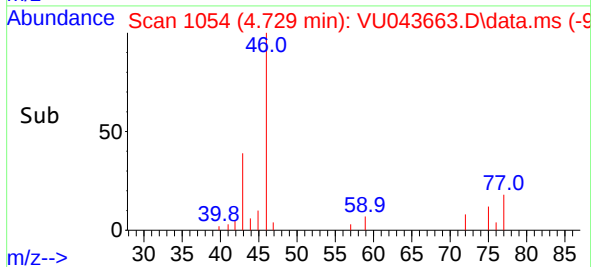
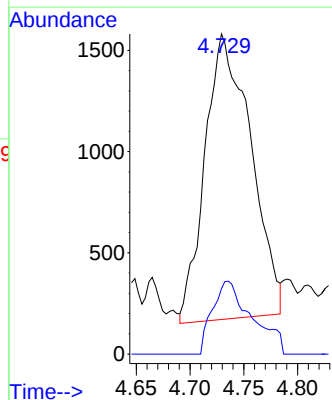
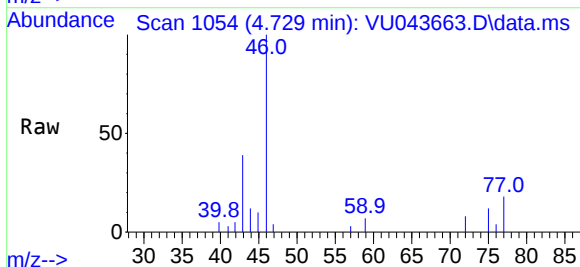
Tgt Ion:	63	Resp:	2996
Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.7	42.1
83	11.5	9.4	17.4

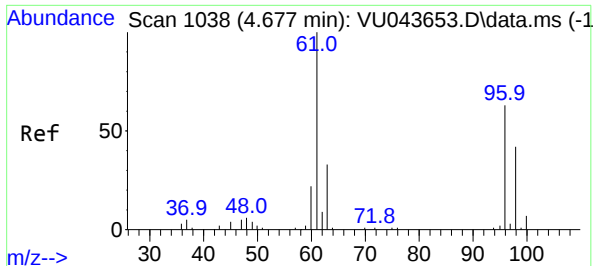


#21

2-Butanone
Concen: 1.76 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion:	43	Resp:	4183
Ion	Ratio	Lower	Upper
43	100		
72	22.0	10.8	32.4



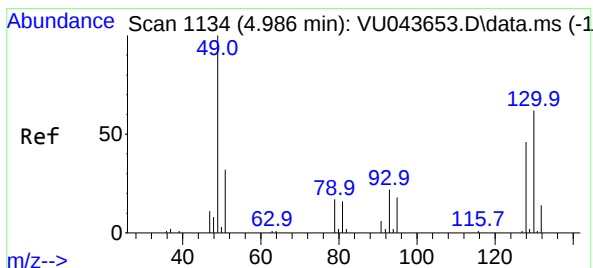
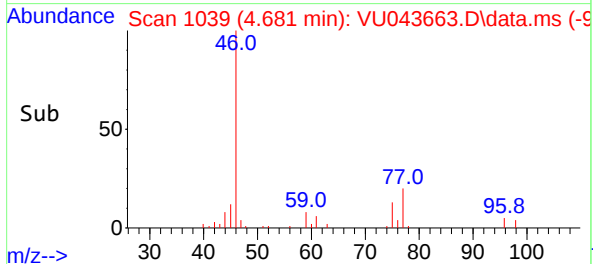
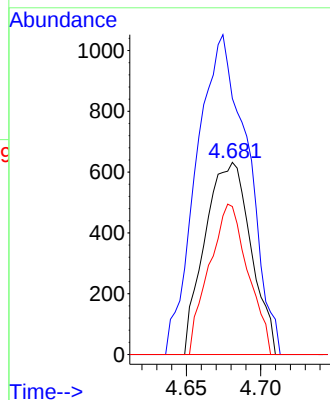
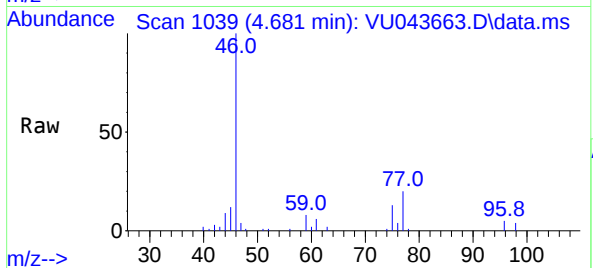


#22

cis-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

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

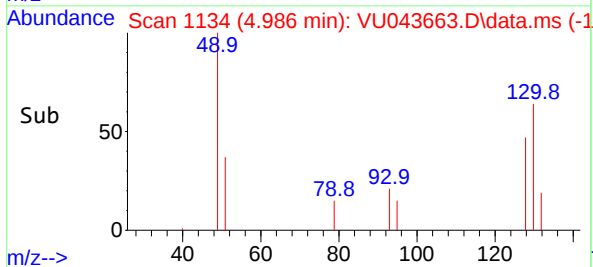
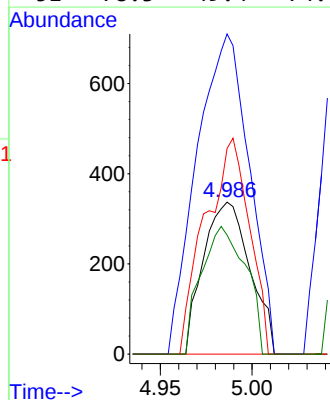
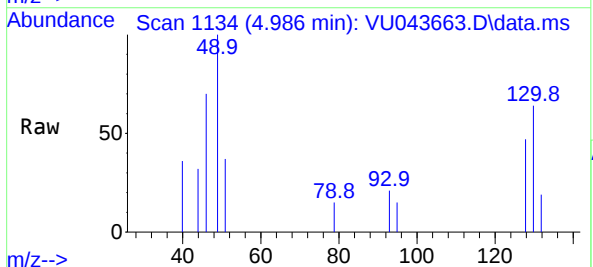
Tgt Ion:	96	Resp:	1362
Ion	Ratio	Lower	Upper
96	100		
61	133.2	102.8	190.8
98	77.1	42.8	79.6

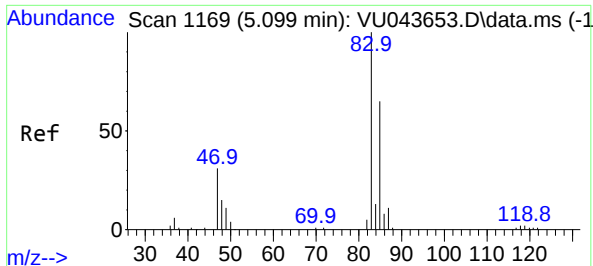


#23

Bromochloromethane
Concen: 0.22 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion:	128	Resp:	598
Ion	Ratio	Lower	Upper
128	100		
49	210.7	134.2	249.2
130	135.3	87.2	162.0
51	78.3	49.4	74.0



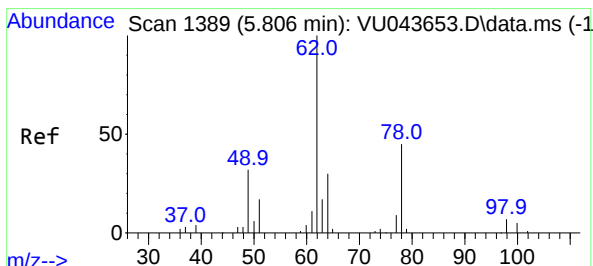
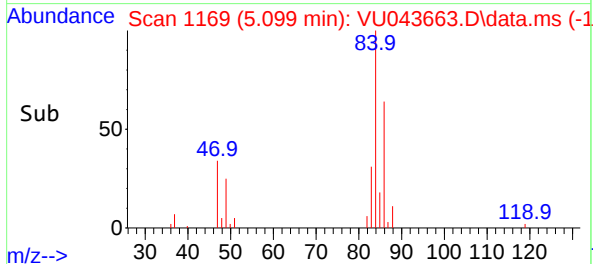
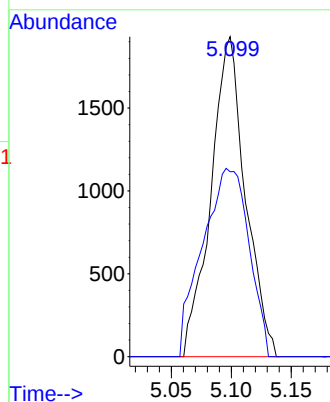
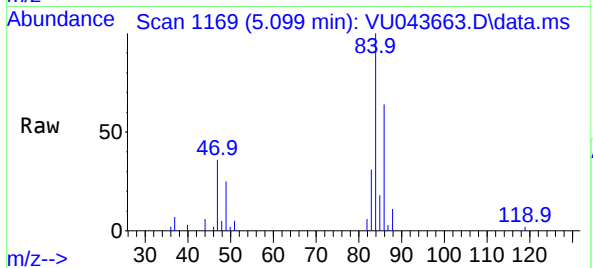


#25

Chloroform
Concen: 0.29 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

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

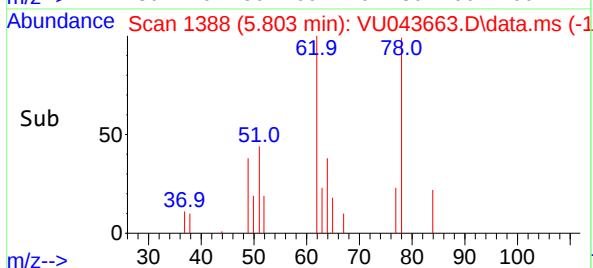
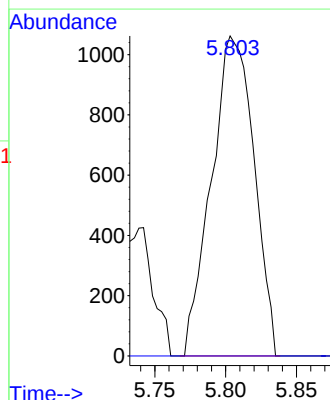
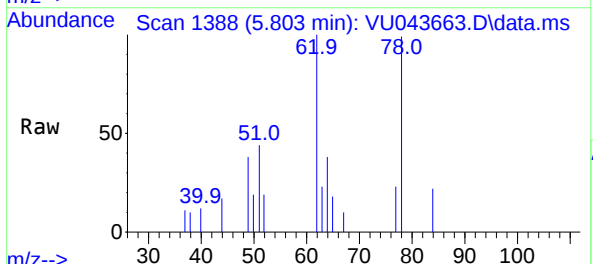
Tgt Ion: 83 Resp: 3865
Ion Ratio Lower Upper
83 100
85 57.8 45.1 83.9

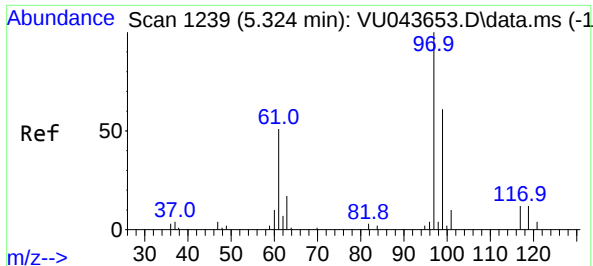


#27

1,2-Dichloroethane
Concen: 0.25 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 62 Resp: 2230
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

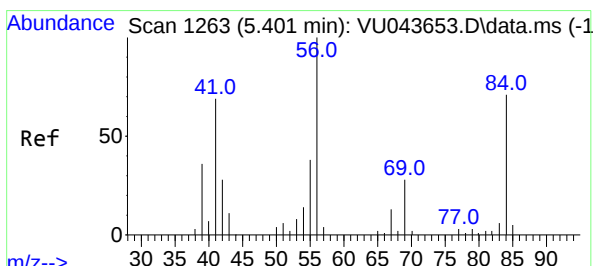
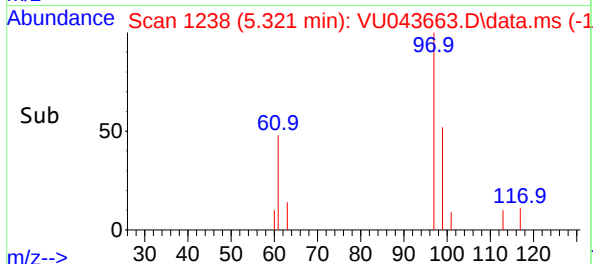
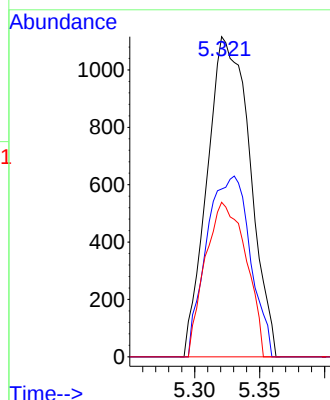
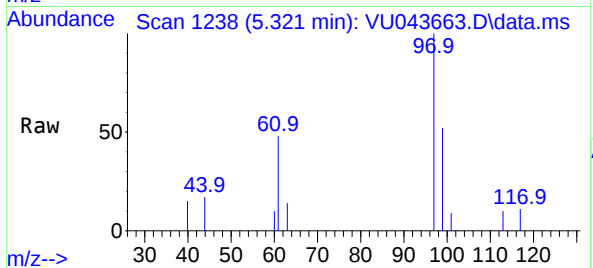




#29
1,1,1-Trichloroethane
Concen: 0.24 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

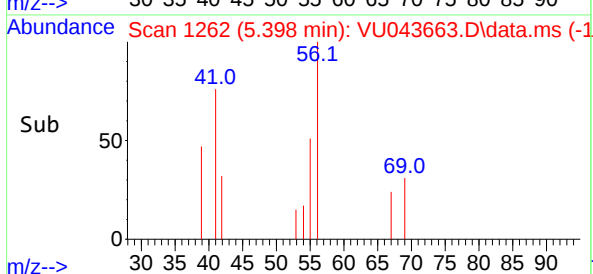
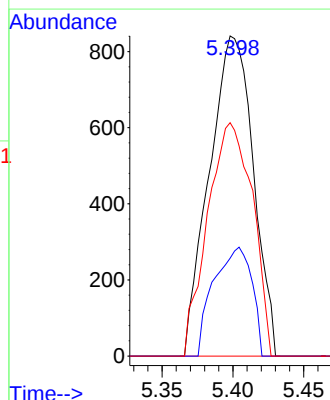
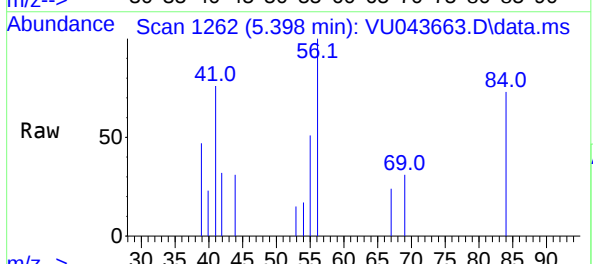
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

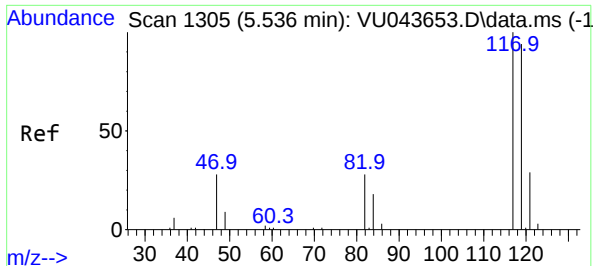
Tgt Ion: 97	Resp: 2557
Ion Ratio	Lower Upper
97 100	
99 57.5	51.8 77.6
61 46.0	39.8 59.8



#30
Cyclohexane
Concen: 0.22 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 56	Resp: 1820
Ion Ratio	Lower Upper
56 100	
69 29.4	23.0 34.4
84 74.2	60.3 90.5

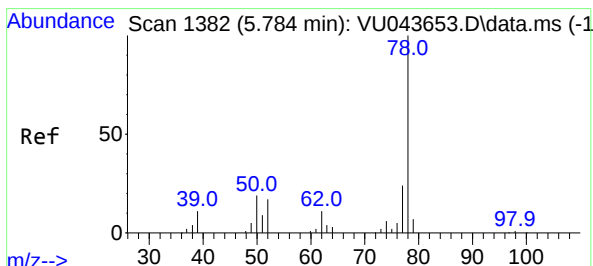
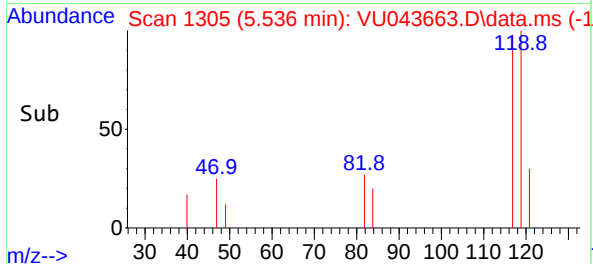
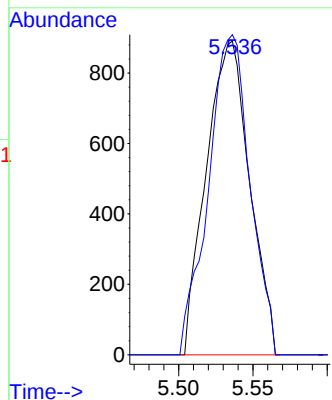
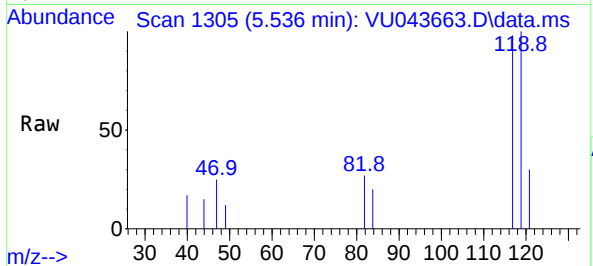




#31
Carbon tetrachloride
Concen: 0.21 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

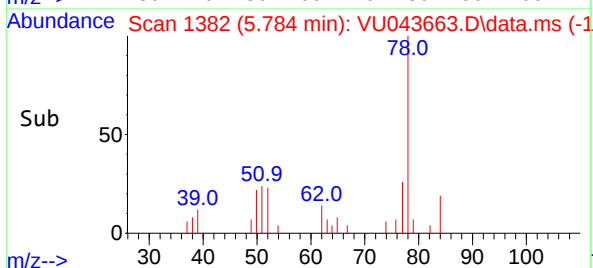
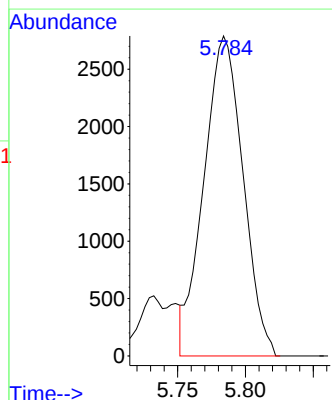
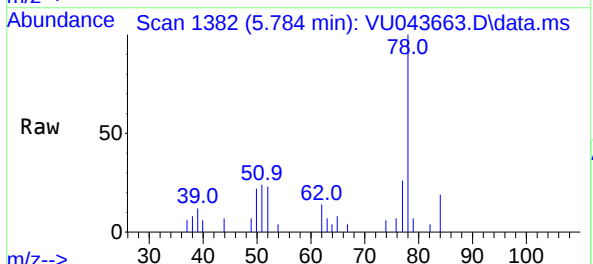
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

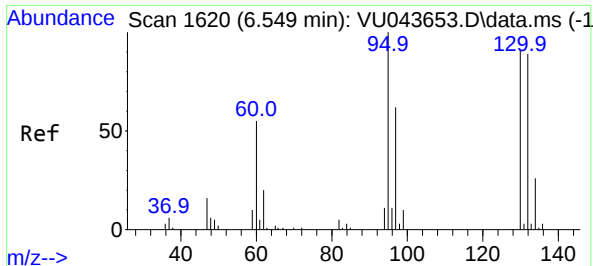
Tgt Ion:117 Resp: 1814
Ion Ratio Lower Upper
117 100
119 97.9 77.0 115.6



#33
Benzene
Concen: 0.24 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 78 Resp: 5604



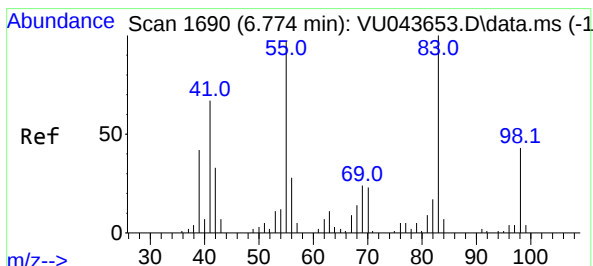
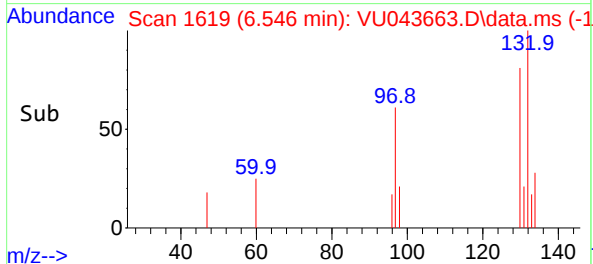
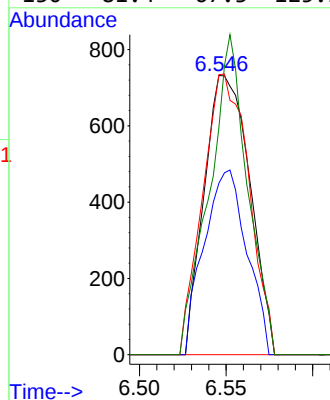
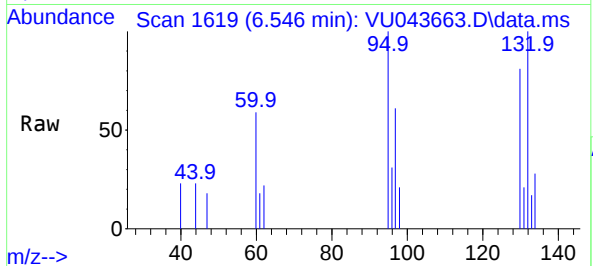


#34
Trichloroethene
Concen: 0.22 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

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

Tgt Ion: 95 Resp: 1336

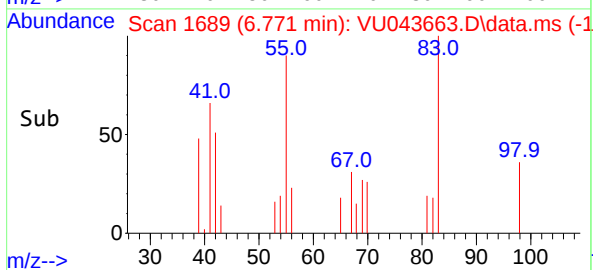
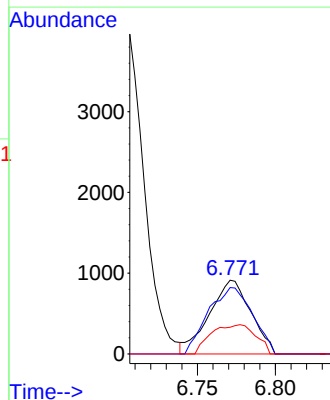
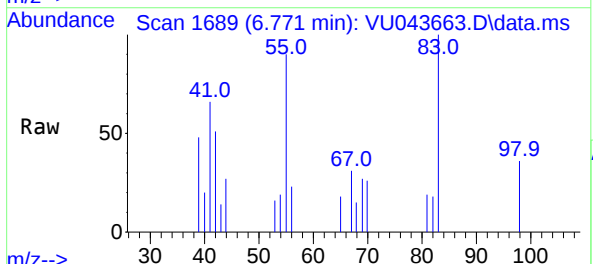
Ion	Ratio	Lower	Upper
95	100		
97	61.5	46.5	86.5
132	100.3	64.1	119.1
130	81.4	67.3	125.1

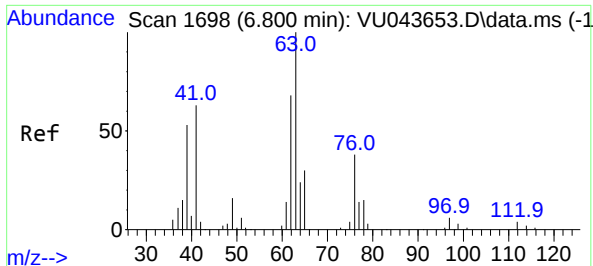


#35
Methylcyclohexane
Concen: 0.22 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 83 Resp: 1688

Ion	Ratio	Lower	Upper
83	100		
55	96.4	75.8	113.8
98	42.7	35.5	53.3

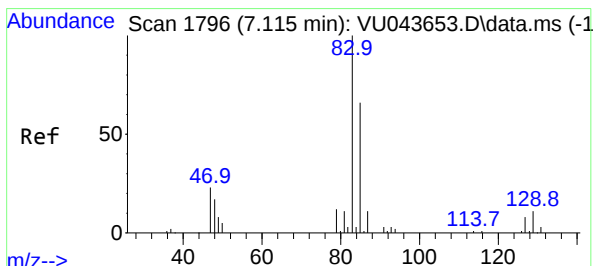
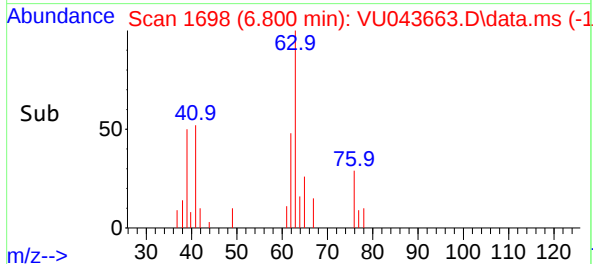
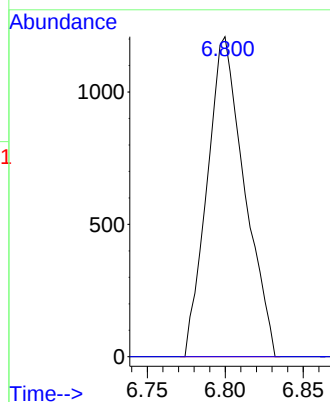
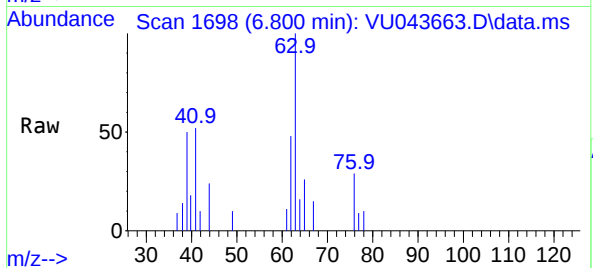




#37
1,2-Dichloropropane
Concen: 0.28 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

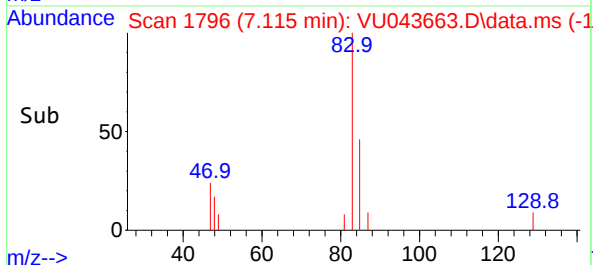
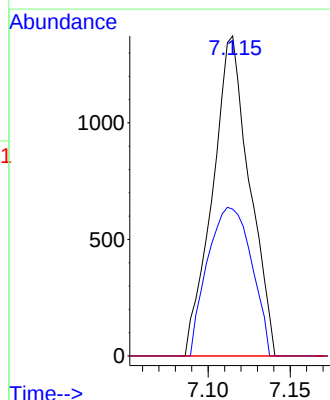
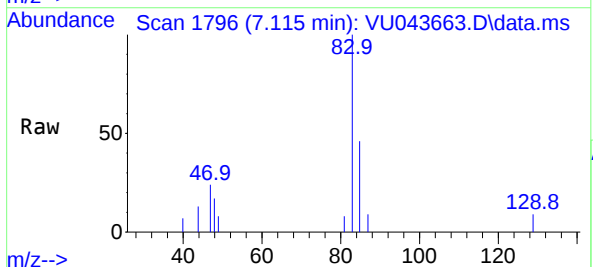
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

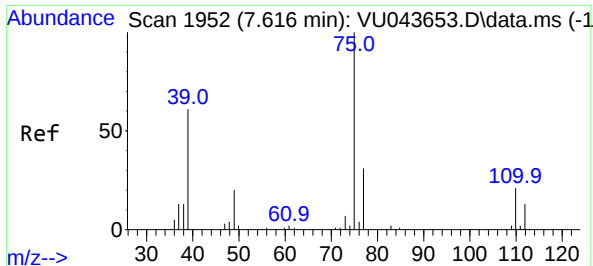
Tgt Ion: 63 Resp: 2012
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 0.23 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 83 Resp: 2149
Ion Ratio Lower Upper
83 100
85 45.9 43.3 80.5
127 0.0 6.2 9.4#

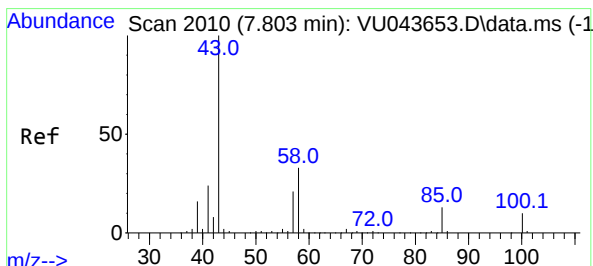
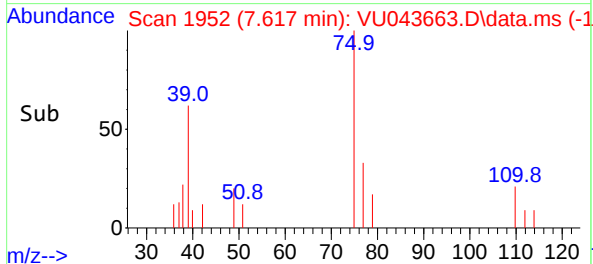
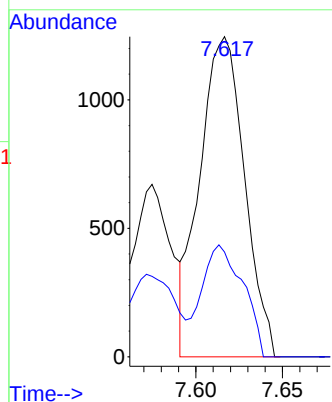
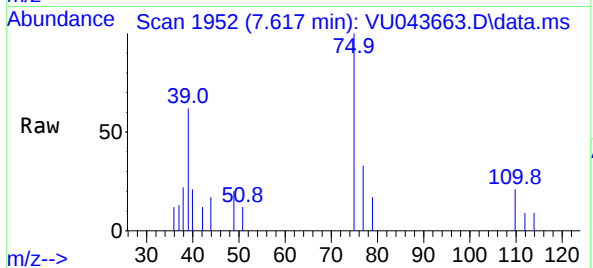




#39
cis-1,3-Dichloropropene
Concen: 0.24 ug/L
RT: 7.617 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

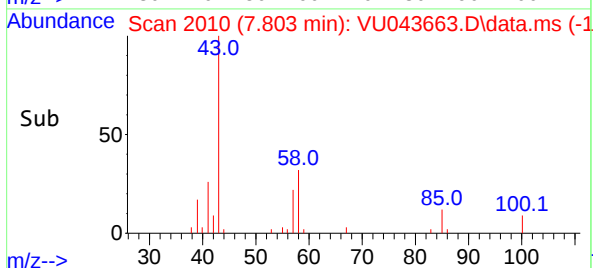
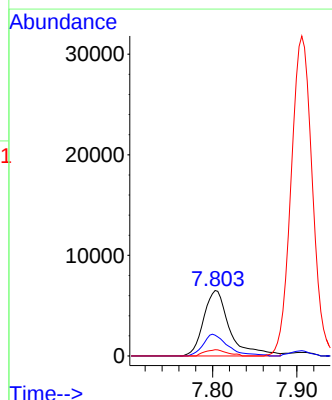
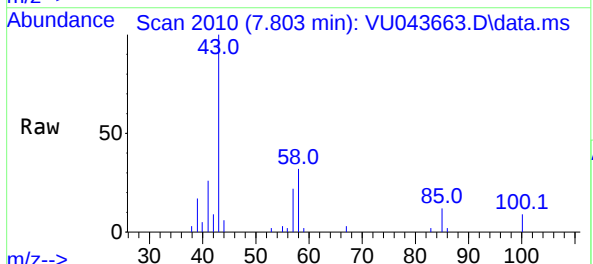
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

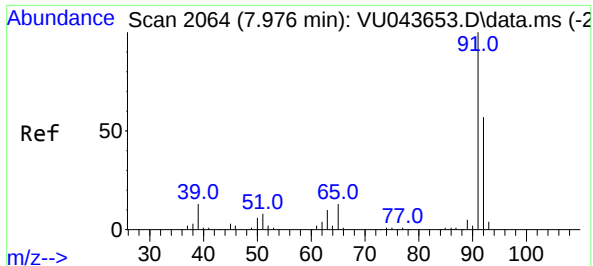
Tgt Ion: 75 Resp: 2238
Ion Ratio Lower Upper
75 100
77 32.7 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 2.42 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 43 Resp: 14038
Ion Ratio Lower Upper
43 100
58 31.4 26.9 40.3
100 0.0 8.6 13.0#

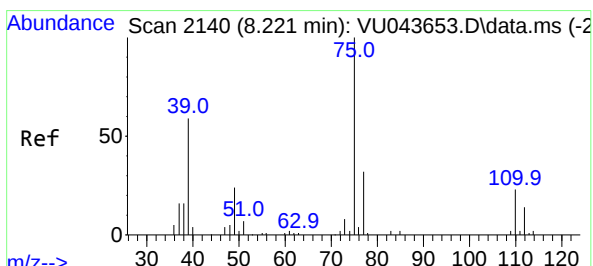
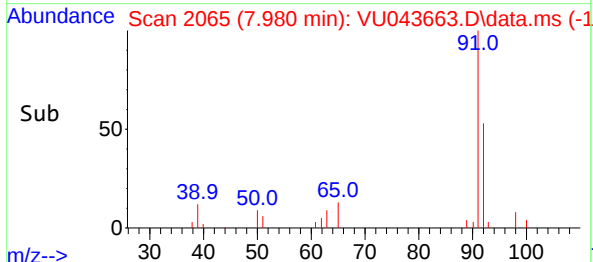
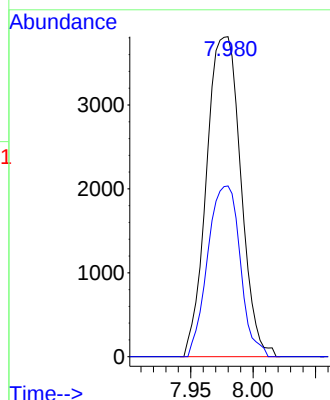
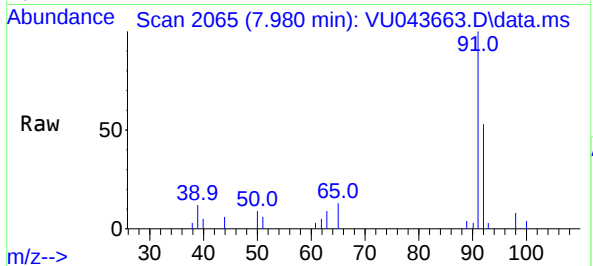




#42
Toluene
Concen: 0.29 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

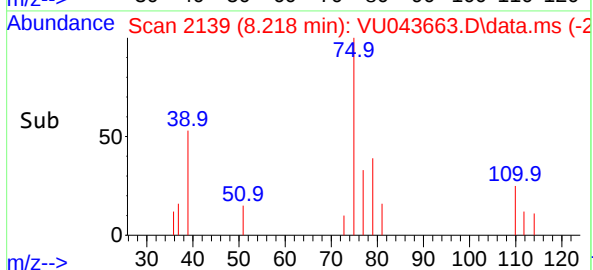
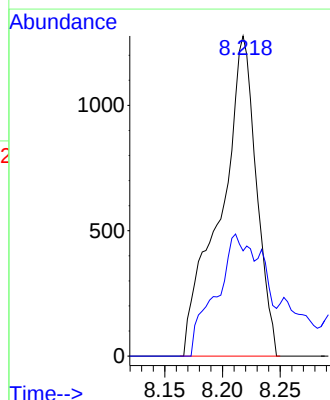
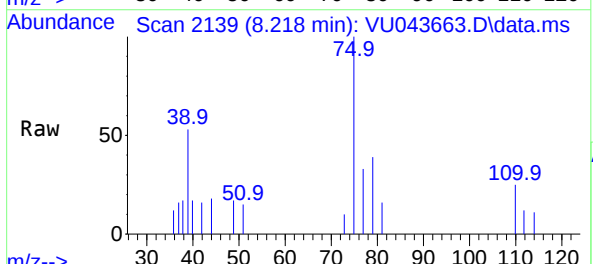
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

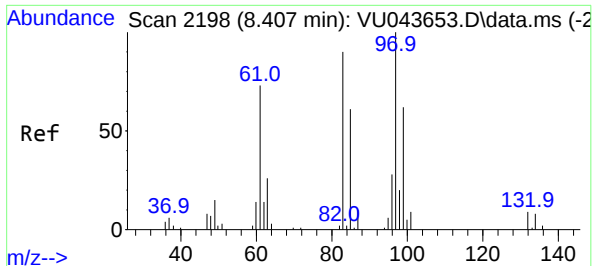
Tgt Ion: 91 Resp: 7290
Ion Ratio Lower Upper
91 100
92 53.4 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 0.32 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 75 Resp: 2757
Ion Ratio Lower Upper
75 100
77 32.9 23.3 43.3





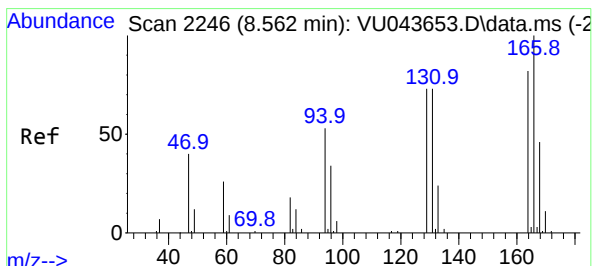
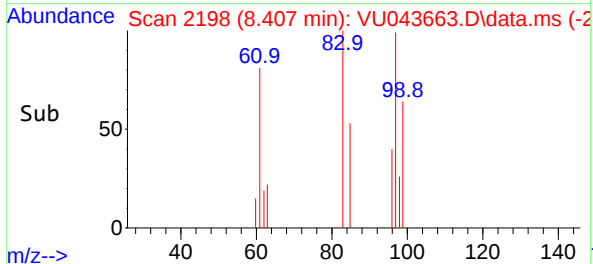
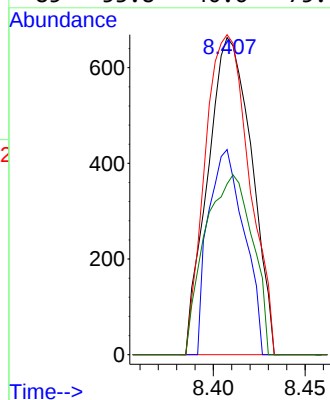
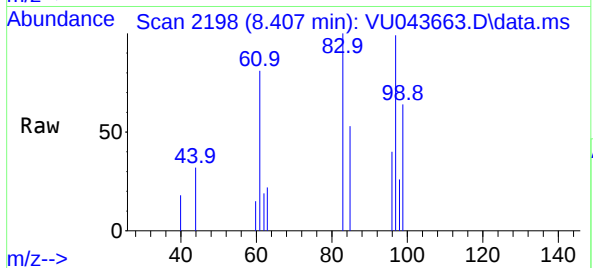
#45

1,1,2-Trichloroethane
Concen: 0.23 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

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

Tgt Ion: 97 Resp: 1103

Ion	Ratio	Lower	Upper
97	100		
99	64.7	42.6	79.0
83	100.9	64.1	119.1
85	53.8	40.6	75.4

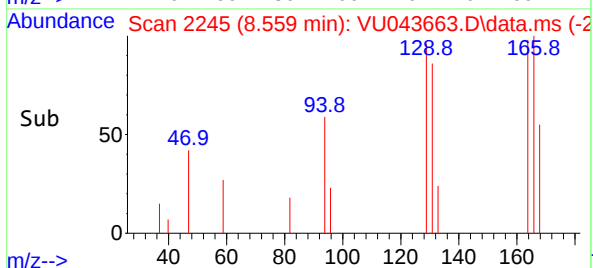
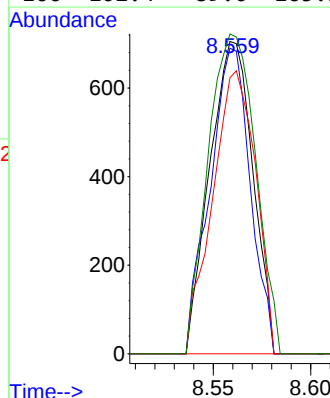
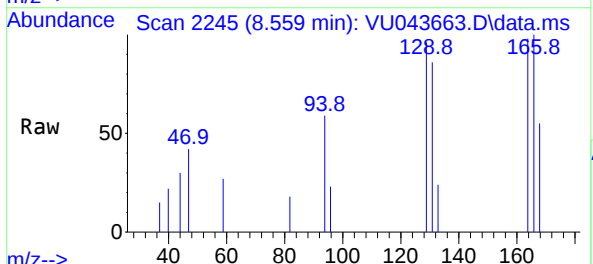


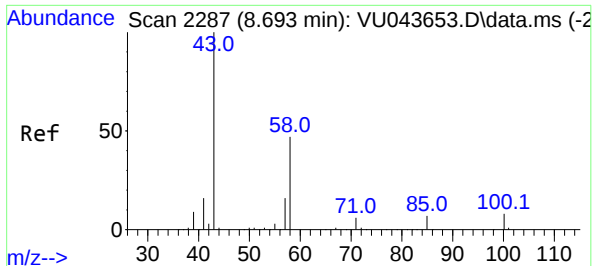
#47

Tetrachloroethene
Concen: 0.24 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 164 Resp: 1084

Ion	Ratio	Lower	Upper
164	100		
129	97.9	62.5	116.1
131	88.4	64.9	120.5
166	102.4	89.0	165.2

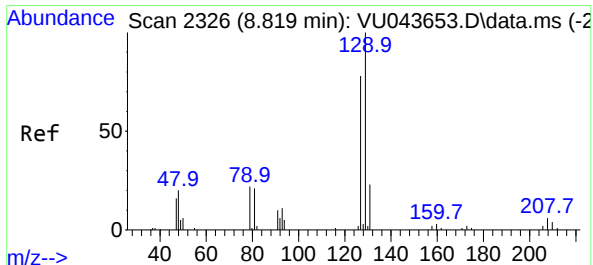
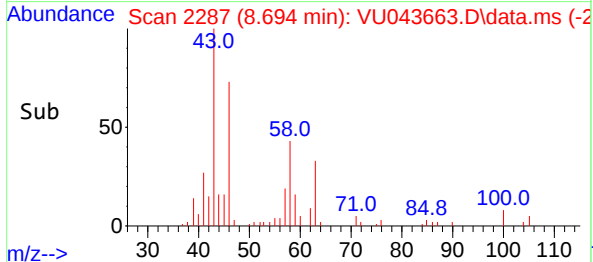
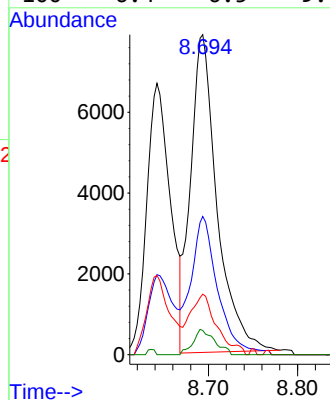
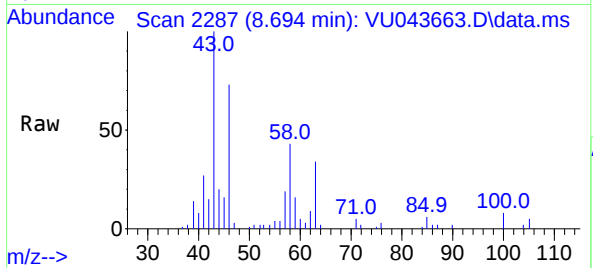




#48
2-Hexanone
Concen: 3.78 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

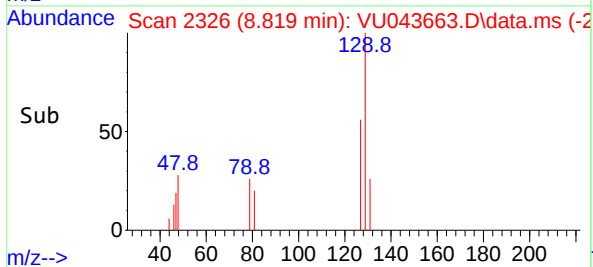
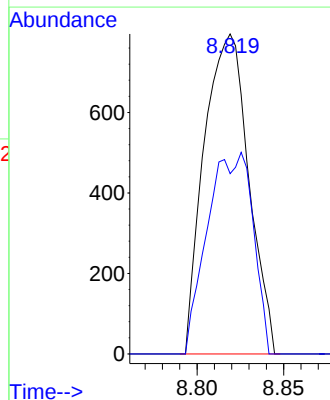
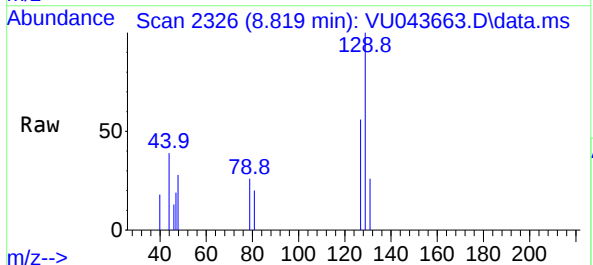
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

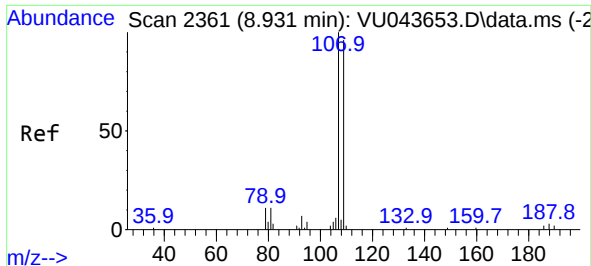
Tgt Ion:	43	Resp:	16283
Ion	Ratio	Lower	Upper
43	100		
58	44.1	36.8	55.2
57	19.0	13.2	19.8
100	6.4	6.5	9.7



#49
Dibromochloromethane
Concen: 0.24 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion:	129	Resp:	1420
Ion	Ratio	Lower	Upper
129	100		
127	56.4	52.4	97.4



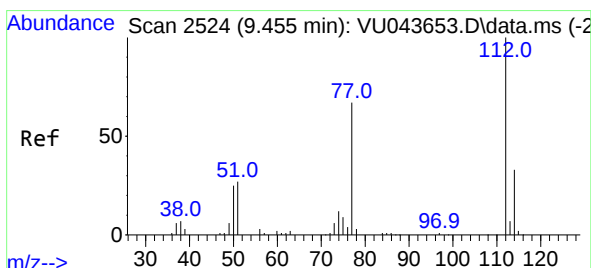
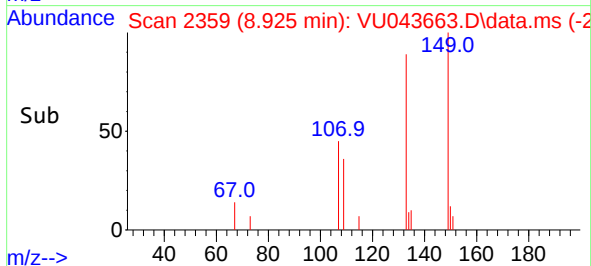
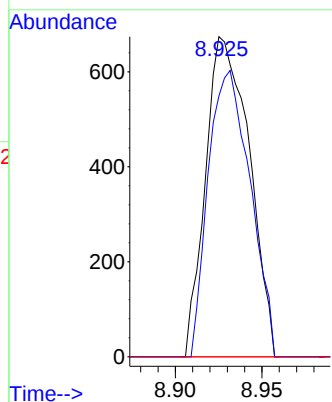
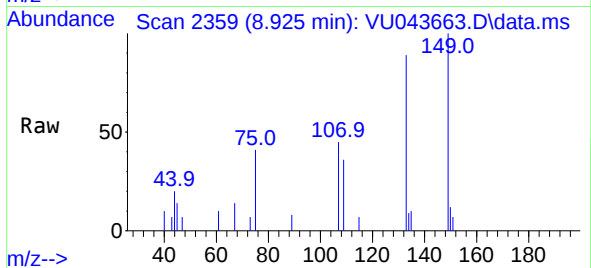


#50
1,2-Dibromoethane
Concen: 0.26 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. -0.006 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

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

Tgt Ion:107 Resp: 1180

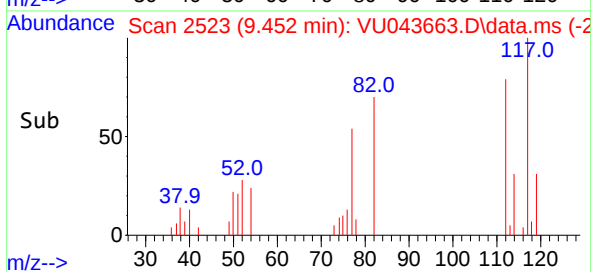
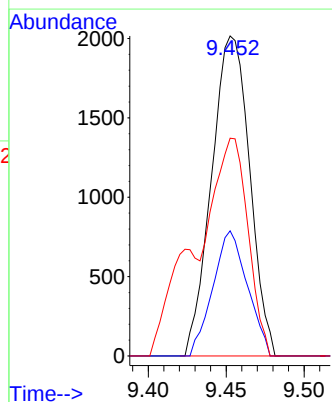
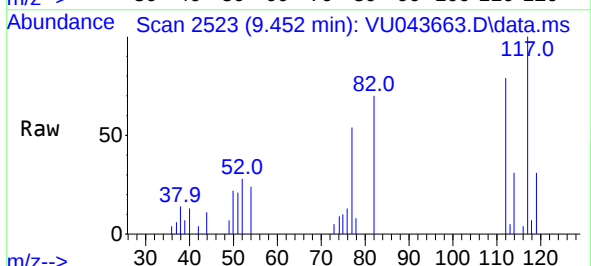
Ion	Ratio	Lower	Upper
107	100		
109	81.5	67.6	125.6
188	0.0	2.6	3.8#

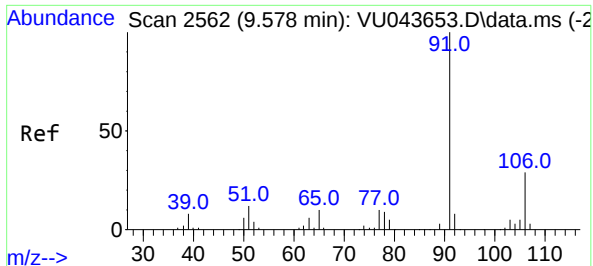


#51
Chlorobenzene
Concen: 0.22 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion:112 Resp: 3434

Ion	Ratio	Lower	Upper
112	100		
114	39.1	22.0	41.0
77	68.1	51.0	76.4

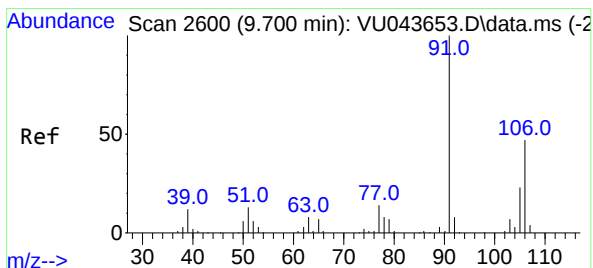
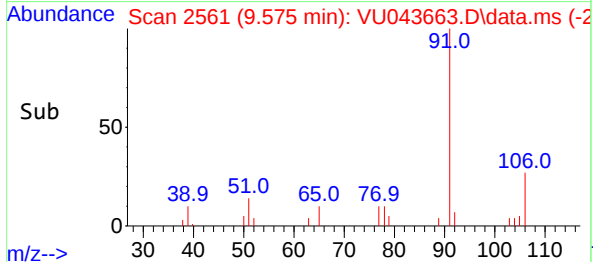
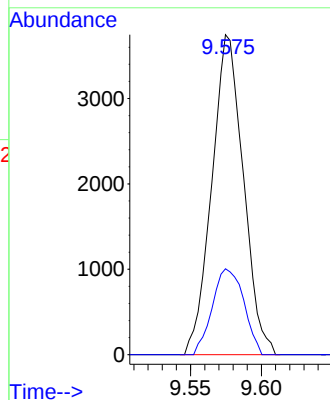
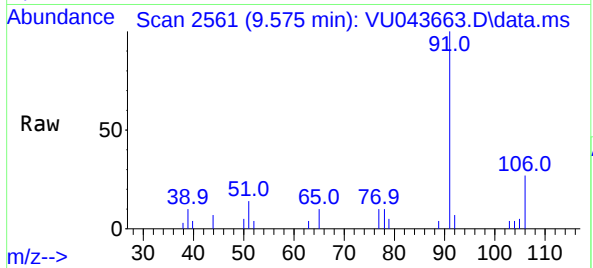




#52
Ethylbenzene
Concen: 0.22 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

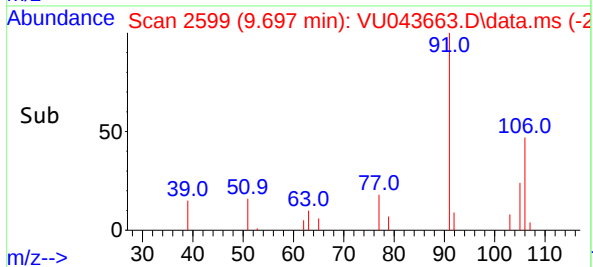
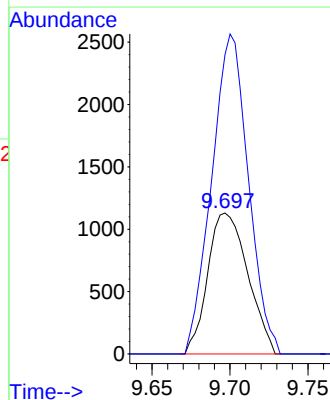
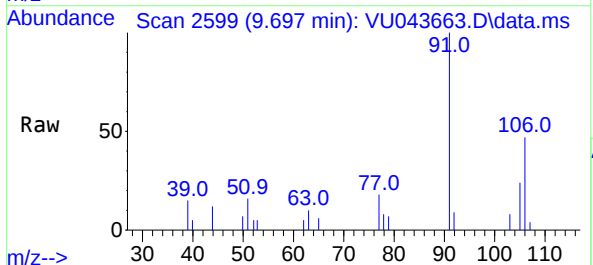
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

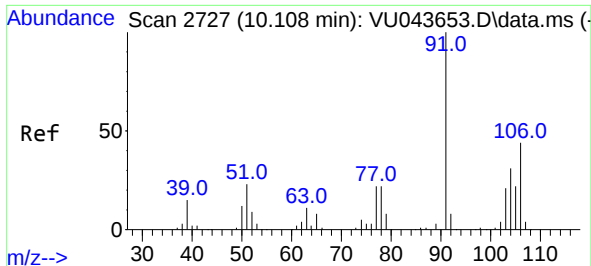
Tgt Ion: 91 Resp: 5797
Ion Ratio Lower Upper
91 100
106 26.8 20.5 38.1



#53
m,p-Xylene
Concen: 0.21 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 106 Resp: 2018
Ion Ratio Lower Upper
106 100
91 212.5 150.3 279.1

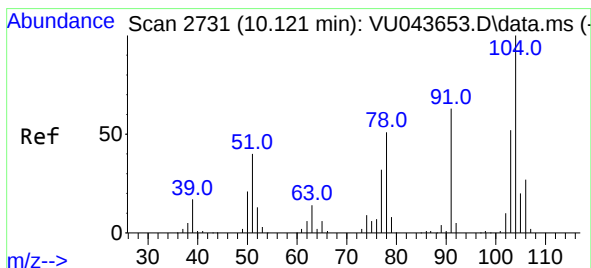
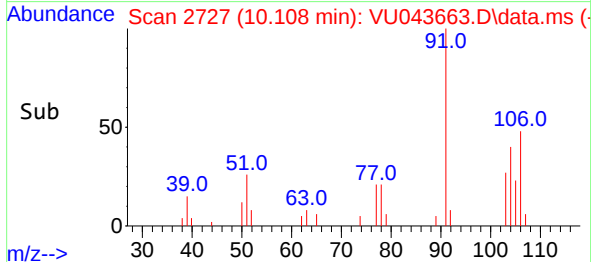
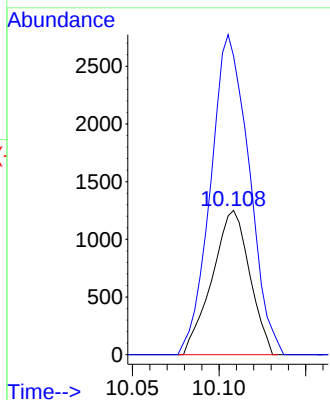
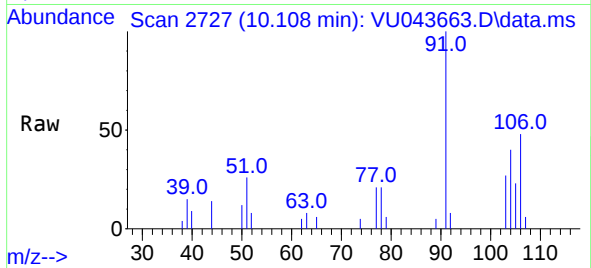




#54
o-Xylene
Concen: 0.20 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

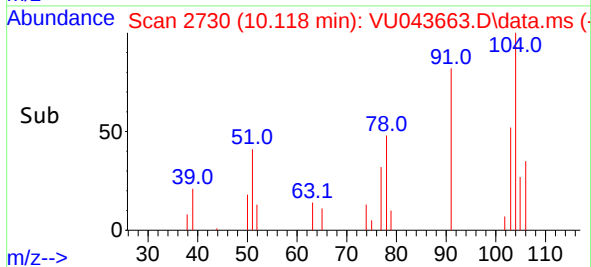
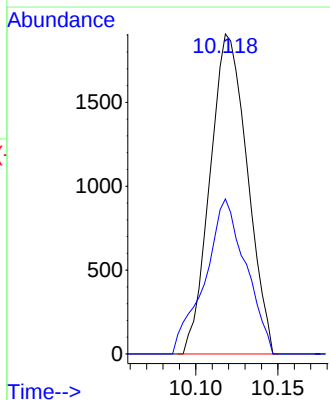
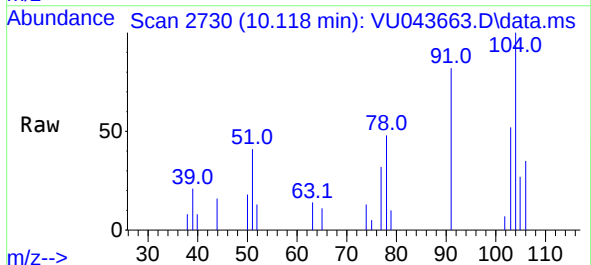
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

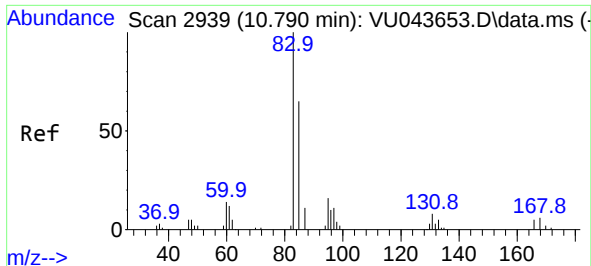
Tgt Ion:106 Resp: 1882
Ion Ratio Lower Upper
106 100
91 207.0 157.3 292.1



#55
Styrene
Concen: 0.18 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion:104 Resp: 3004
Ion Ratio Lower Upper
104 100
78 48.5 35.3 65.5

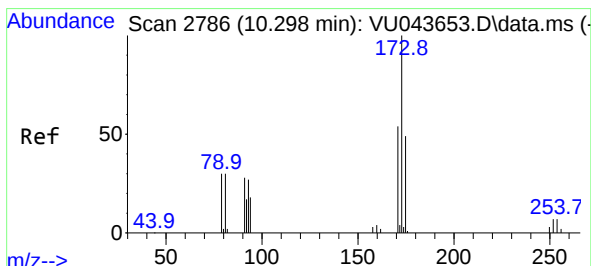
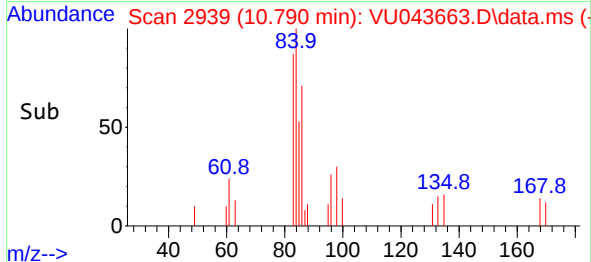
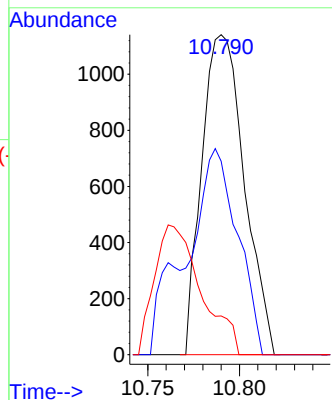
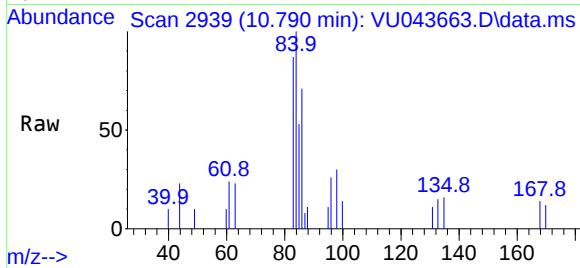




#57
1,1,2,2-Tetrachloroethane
Concen: 0.28 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

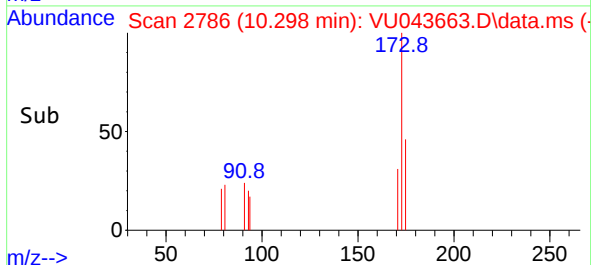
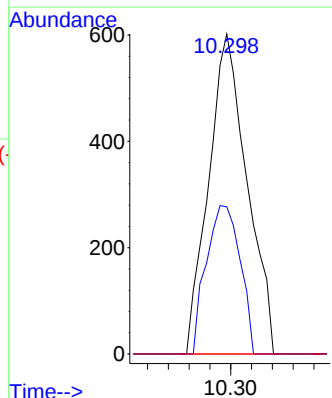
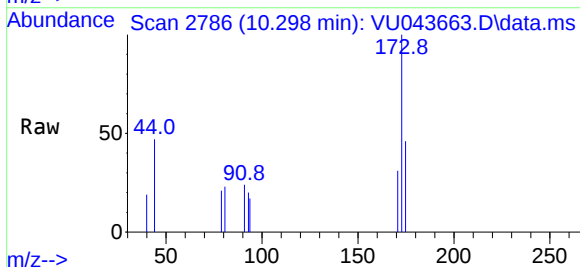
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

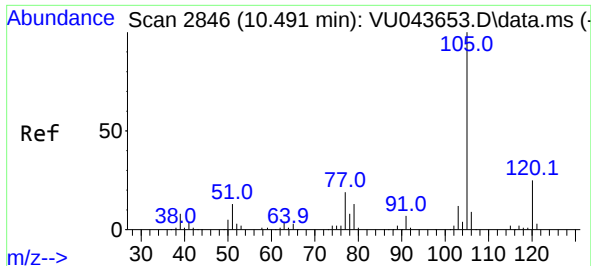
Tgt Ion:	83	Resp:	1841
Ion	Ratio	Lower	Upper
83	100		
85	60.5	42.6	79.0
131	12.1	7.4	11.2#



#59
Bromoform
Concen: 0.26 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion:	173	Resp:	771
Ion	Ratio	Lower	Upper
173	100		
175	40.7	39.4	59.0
254	0.0	5.9	8.9#

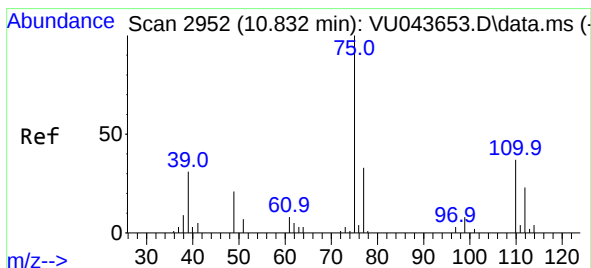
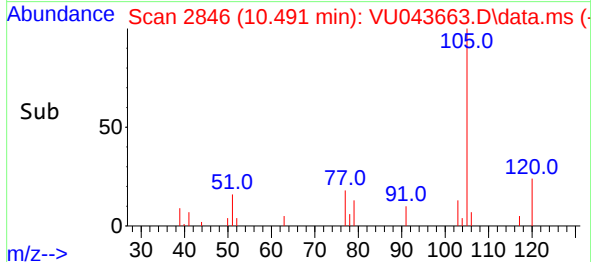
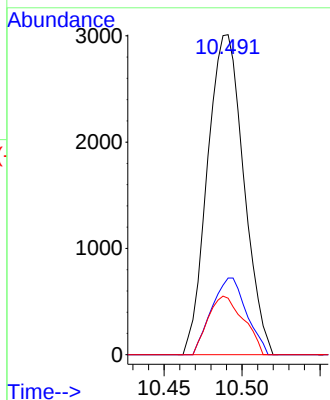
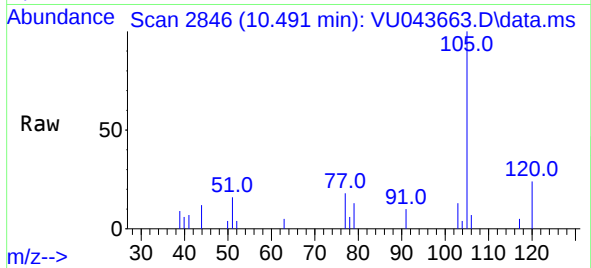




#60
Isopropylbenzene
Concen: 0.22 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

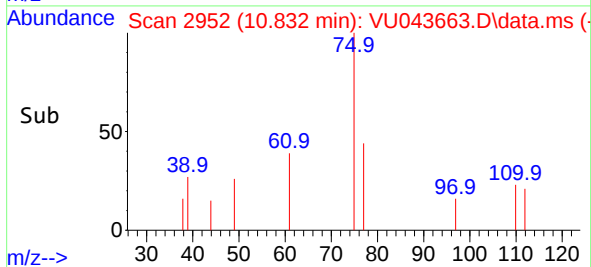
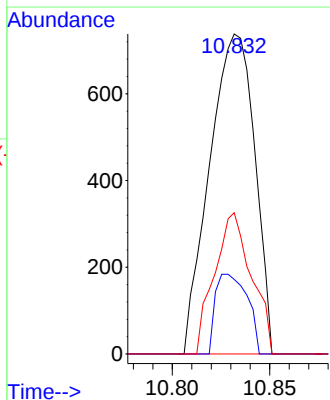
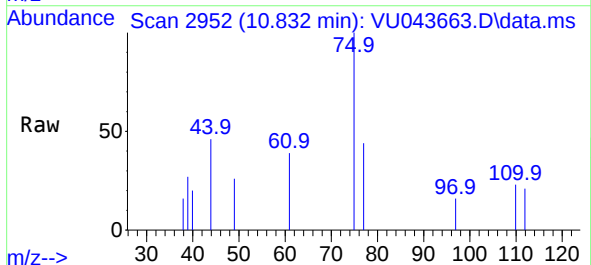
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

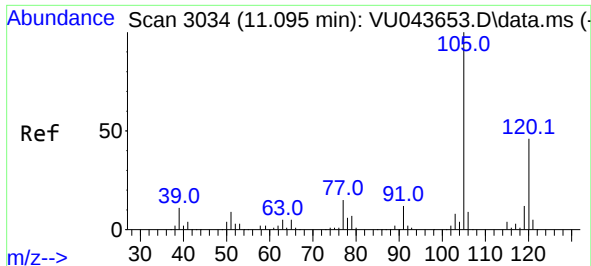
Tgt Ion:105 Resp: 4868
Ion Ratio Lower Upper
105 100
120 23.0 20.4 30.6
77 17.9 14.6 21.8



#61
1,2,3-Trichloropropane
Concen: 0.29 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion: 75 Resp: 1189
Ion Ratio Lower Upper
75 100
110 17.6 28.6 42.8#
77 36.2 25.7 38.5

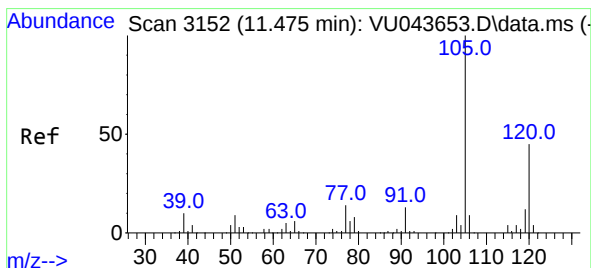
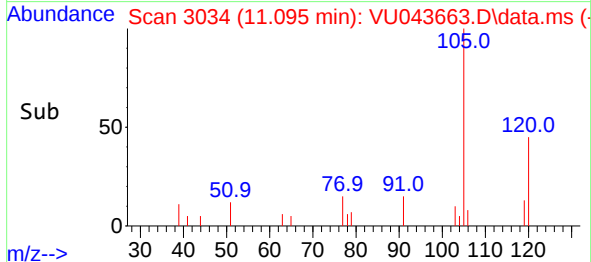
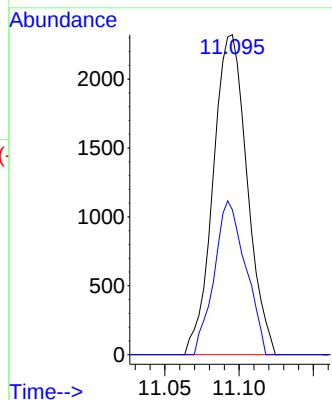
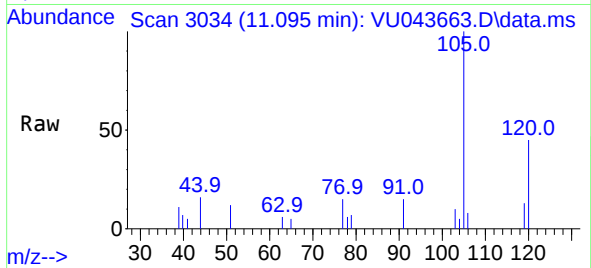




#62
1,3,5-Trimethylbenzene
Concen: 0.21 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

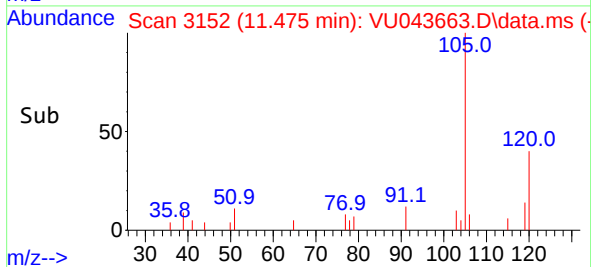
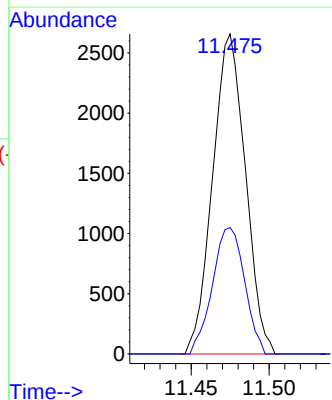
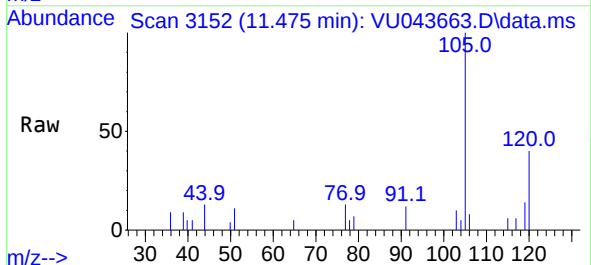
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

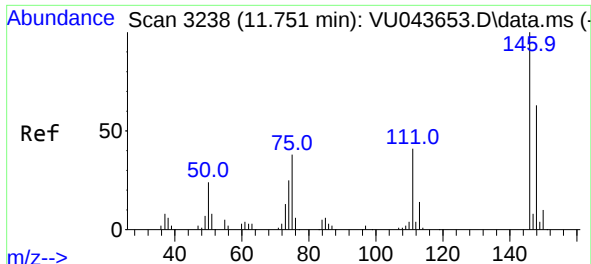
Tgt Ion:105 Resp: 3704
Ion Ratio Lower Upper
105 100
120 44.3 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 0.22 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion:105 Resp: 3881
Ion Ratio Lower Upper
105 100
120 38.7 35.4 53.0

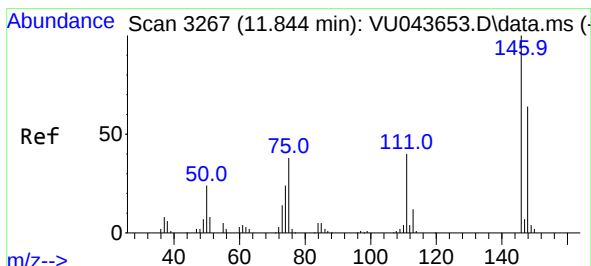
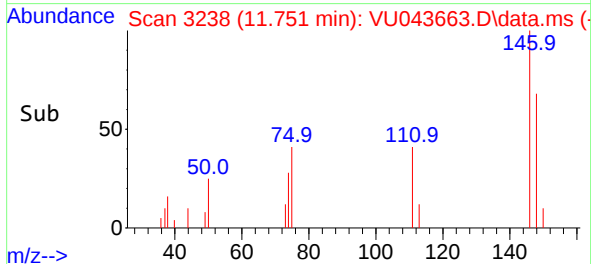
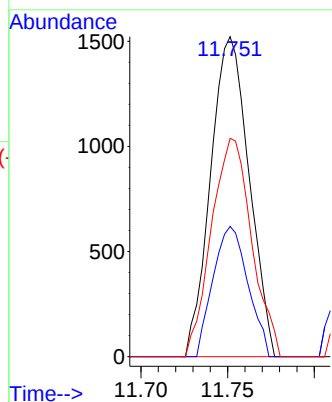
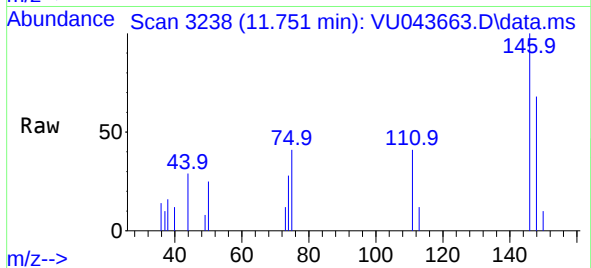




#64
1,3-Dichlorobenzene
Concen: 0.21 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

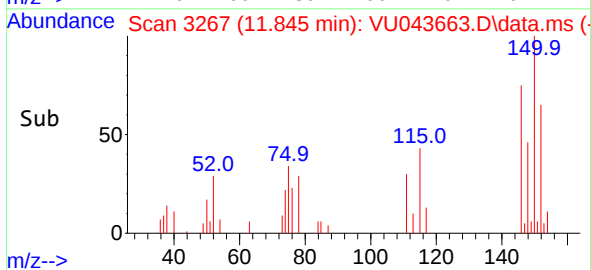
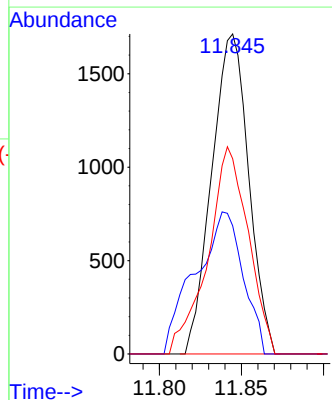
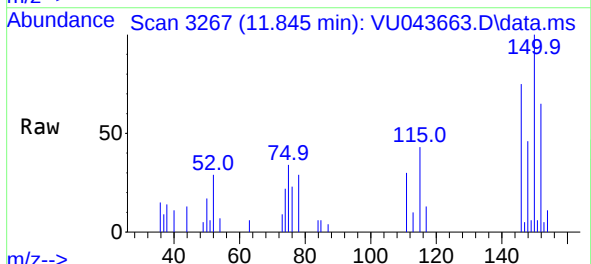
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

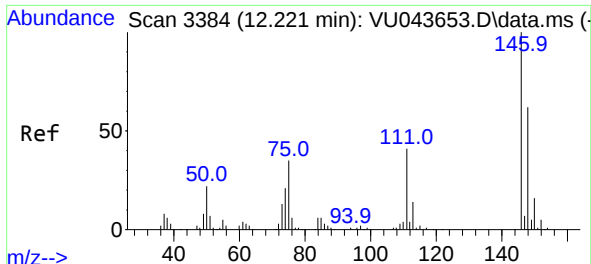
Tgt Ion:146 Resp: 2347
Ion Ratio Lower Upper
146 100
111 40.7 28.9 53.7
148 68.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 0.23 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion:146 Resp: 2682
Ion Ratio Lower Upper
146 100
111 40.0 27.6 51.2
148 61.0 44.6 82.8

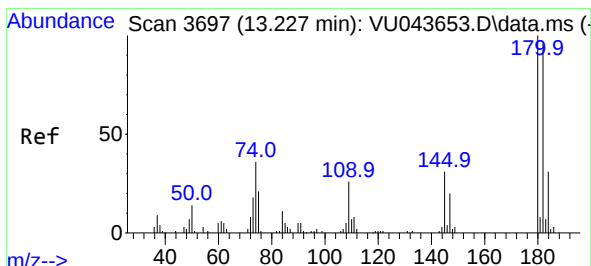
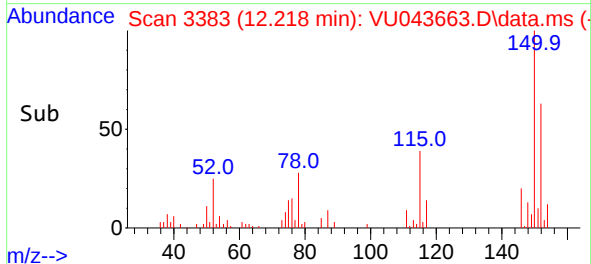
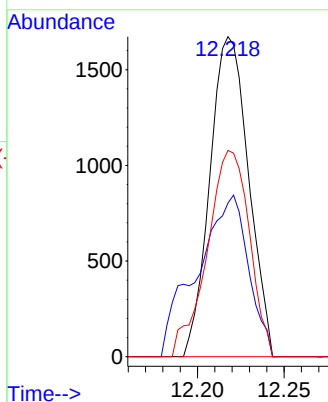
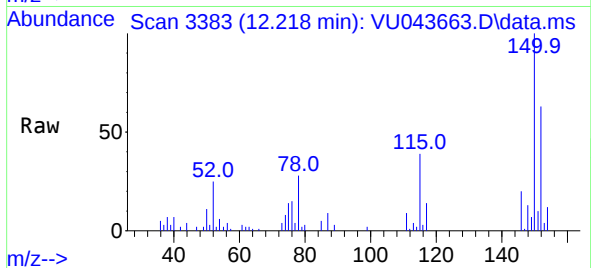




#67
1,2-Dichlorobenzene
Concen: 0.23 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

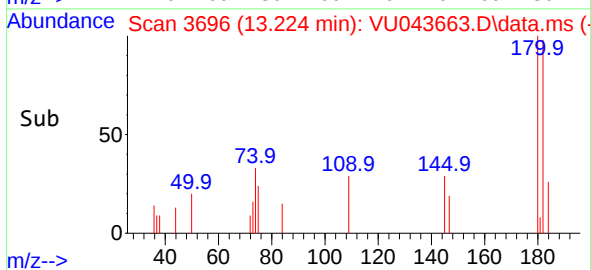
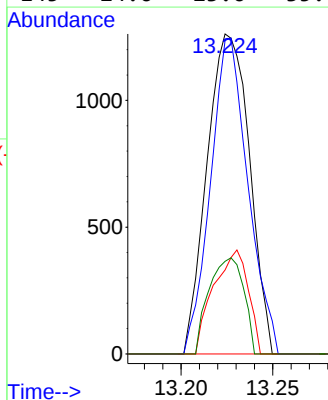
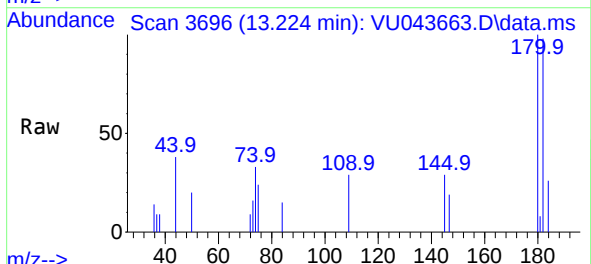
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

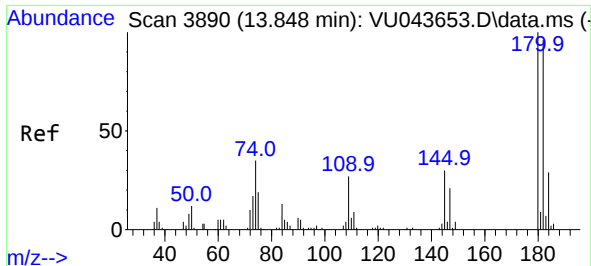
Tgt Ion:	146	Resp:	2598
Ion	Ratio	Lower	Upper
146	100		
111	48.0	32.6	49.0
148	64.4	51.8	77.8



#69
1,3,5-Trichlorobenzene
Concen: 0.23 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

Tgt Ion:	180	Resp:	2028
Ion	Ratio	Lower	Upper
180	100		
182	87.3	76.0	114.0
184	26.5	24.1	36.1
145	24.6	23.6	35.4

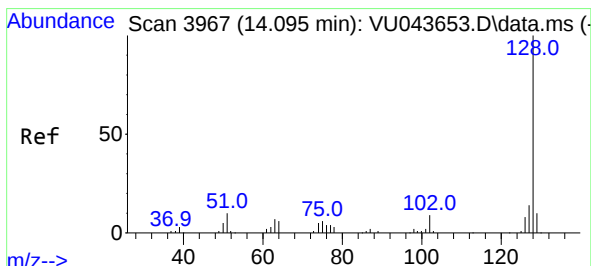
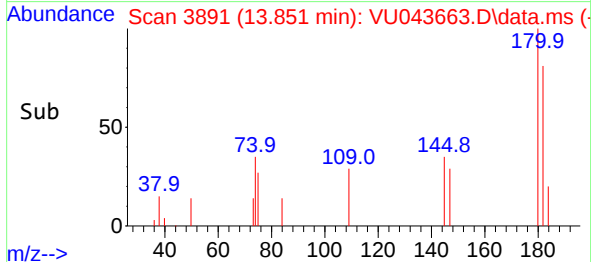
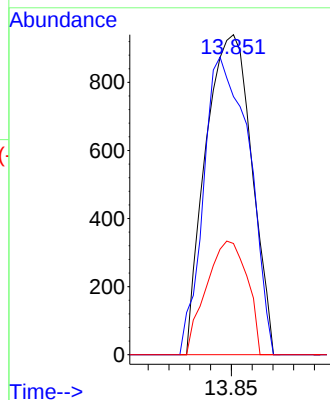
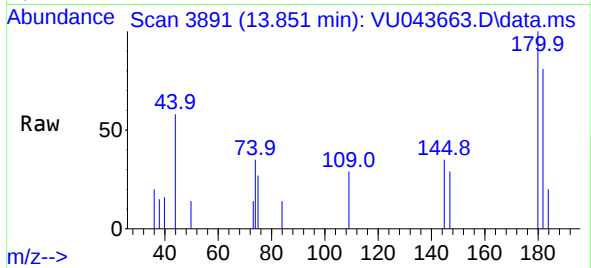




#70
1,2,4-trichlorobenzene
Concen: 0.20 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

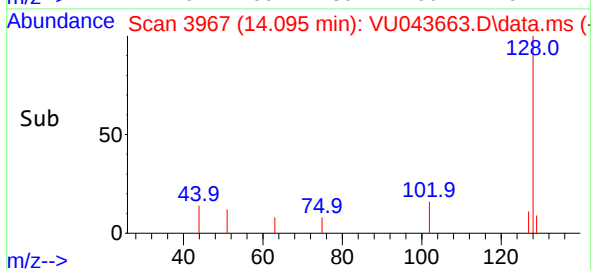
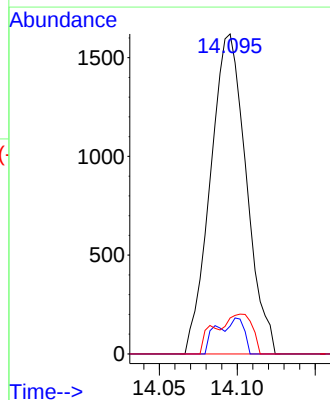
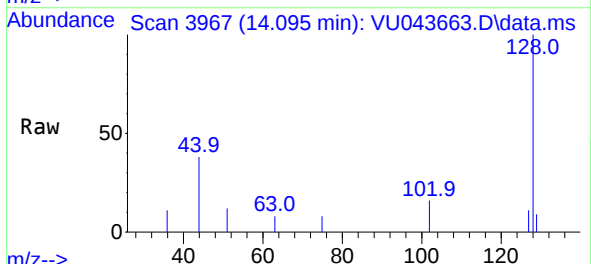
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-05

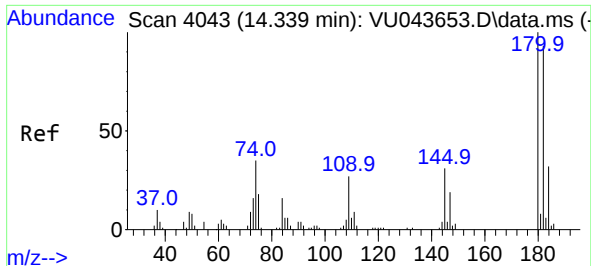
Tgt Ion:	180	Resp:	1445
Ion	Ratio	Lower	Upper
180	100		
182	92.2	75.9	113.9
145	31.5	24.6	37.0



#71
Naphthalene
Concen: 0.21 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043663.D
Acq: 11 May 2021 14:45

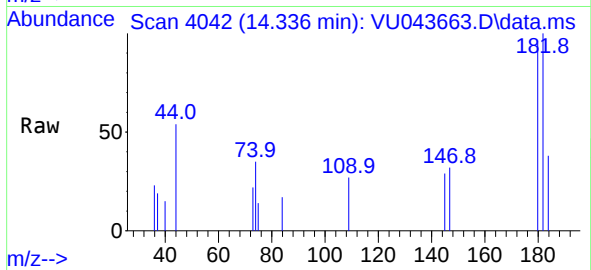
Tgt Ion:	128	Resp:	2584
Ion	Ratio	Lower	Upper
128	100		
129	4.6	8.9	13.3#
127	8.9	10.6	15.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.21 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. -0.003 min
 Lab File: VU043663.D
 Acq: 11 May 2021 14:45

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



Tgt Ion:180 Resp: 1443

Ion	Ratio	Lower	Upper
180	100		
182	89.7	75.7	113.5
145	27.9	25.7	38.5

