

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051721\
 Data File : VU043788.D
 Acq On : 17 May 2021 13:24
 Operator : SY/MD
 Sample : M2250-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2021-06

Quant Time: May 18 03:11:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	234575	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	236312	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	112338	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	80916	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.919	69	60083	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.575	65	34919	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	4.645	46	162421	49.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.78%
24) Chloroform-d	5.073	84	136922	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.713	65	73897	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.735	84	292204	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.700	67	91478	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.906	98	253145	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloroprop...	8.185	79	34100	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.642	63	155345	48.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.16%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	75104	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	97023	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	4049	0.24	ug/L	99
3) Chloromethane	1.523	50	5542	0.28	ug/L	98
5) Vinyl chloride	1.607	62	4973	0.25	ug/L #	68
6) Bromomethane	1.864	94	2633	0.22	ug/L	91
8) Chloroethane	1.941	64	2802	0.25	ug/L	90
9) Trichlorofluoromethane	2.144	101	5386	0.23	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	4872	0.31	ug/L #	81
12) 1,1-Dichloroethene	2.584	96	4591	0.30	ug/L #	1
13) Acetone	2.655	43	4520	2.16	ug/L	100
14) Carbon disulfide	2.800	76	12144	0.23	ug/L	96
15) Methyl Acetate	2.961	43	2043	0.33	ug/L #	75
16) Methylene chloride	3.054	84	8783	0.38	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	7721	0.22	ug/L	97
18) trans-1,2-Dichloroethene	3.362	96	3927	0.24	ug/L	94
19) 1,1-Dichloroethane	3.880	63	6737	0.23	ug/L	98
21) 2-Butanone	4.729	43	7071	1.77	ug/L	100
22) cis-1,2-Dichloroethene	4.677	96	3870	0.23	ug/L	98
23) Bromochloromethane	4.986	128	1900	0.24	ug/L #	82
25) Chloroform	5.099	83	9478	0.33	ug/L	93

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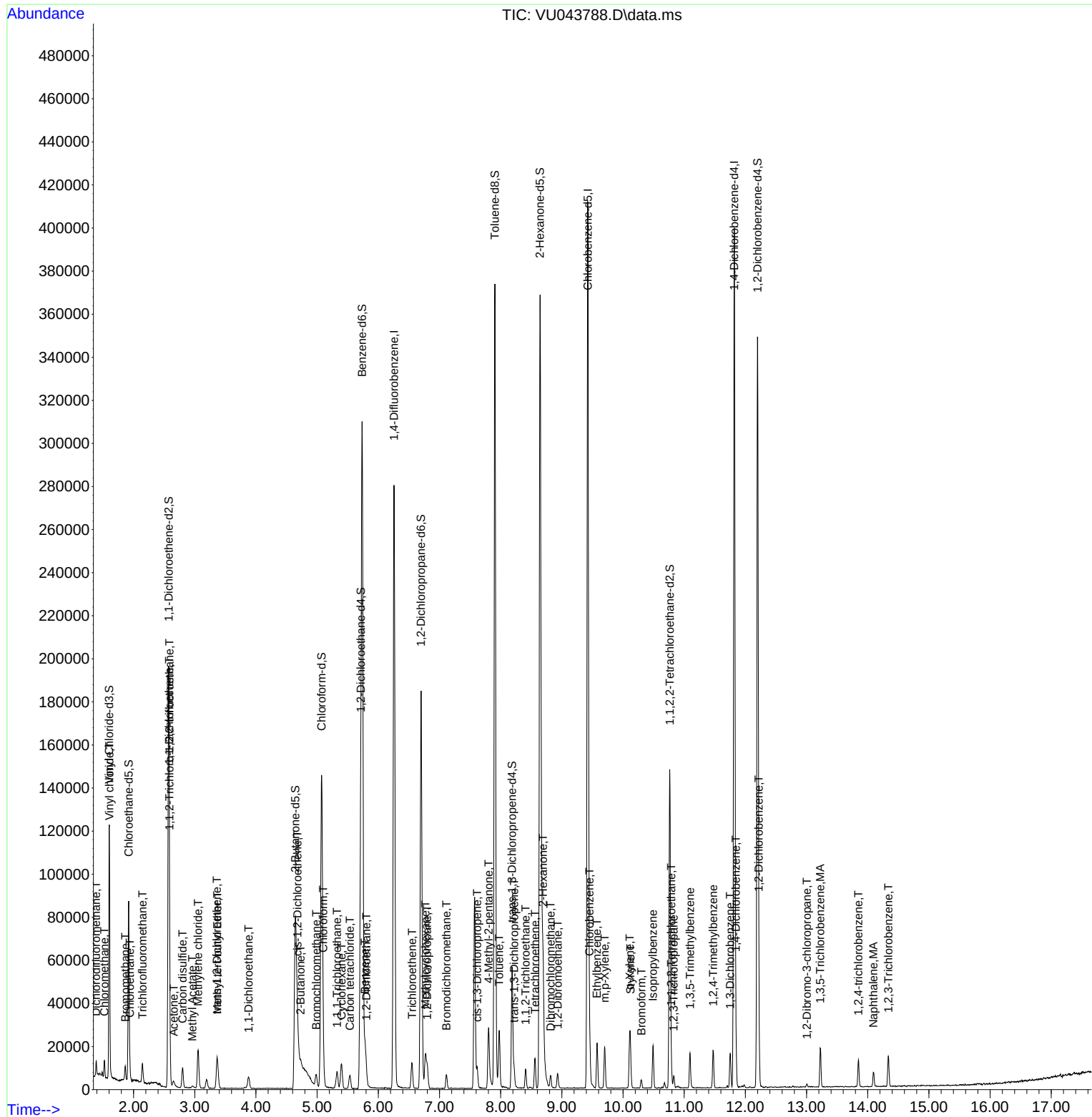
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	4339	0.24	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	5557	0.23	ug/L	98
30) Cyclohexane	5.401	56	5367	0.20	ug/L	92
31) Carbon tetrachloride	5.536	117	4329	0.21	ug/L	97
33) Benzene	5.780	78	15789	0.23	ug/L	100
34) Trichloroethene	6.552	95	3910	0.22	ug/L	89
35) Methylcyclohexane	6.771	83	5572	0.20	ug/L	97
37) 1,2-Dichloropropane	6.800	63	4468	0.25	ug/L #	88
38) Bromodichloromethane	7.111	83	4615	0.22	ug/L	94
39) cis-1,3-Dichloropropene	7.616	75	5063	0.21	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	21956	1.93	ug/L #	90
42) Toluene	7.976	91	19150	0.27	ug/L	98
44) trans-1,3-Dichloropropene	8.221	75	5721	0.28	ug/L	83
45) 1,1,2-Trichloroethane	8.407	97	2935	0.23	ug/L	94
47) Tetrachloroethene	8.562	164	3187	0.22	ug/L	91
48) 2-Hexanone	8.693	43	28065	3.32	ug/L	94
49) Dibromochloromethane	8.816	129	3352	0.23	ug/L	99
50) 1,2-Dibromoethane	8.931	107	2905	0.24	ug/L #	78
51) Chlorobenzene	9.452	112	10555	0.24	ug/L	99
52) Ethylbenzene	9.574	91	14812	0.20	ug/L	96
53) m,p-Xylene	9.700	106	5647	0.20	ug/L	94
54) o-Xylene	10.108	106	4948	0.19	ug/L	94
55) Styrene	10.121	104	8100	0.18	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.790	83	3991	0.24	ug/L #	93
59) Bromoform	10.301	173	1946	0.26	ug/L #	91
60) Isopropylbenzene	10.491	105	12407	0.20	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	2671	0.25	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	9344	0.19	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	8967	0.18	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	7123	0.22	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	7866	0.25	ug/L	100
67) 1,2-Dichlorobenzene	12.221	146	8362	0.27	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	483	0.22	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	6561	0.26	ug/L	94
70) 1,2,4-trichlorobenzene	13.848	180	4288	0.21	ug/L	98
71) Naphthalene	14.092	128	6104	0.17	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	5302	0.27	ug/L	99

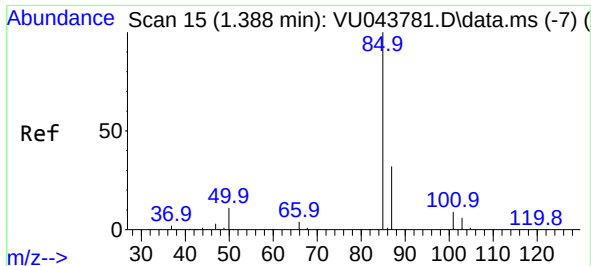
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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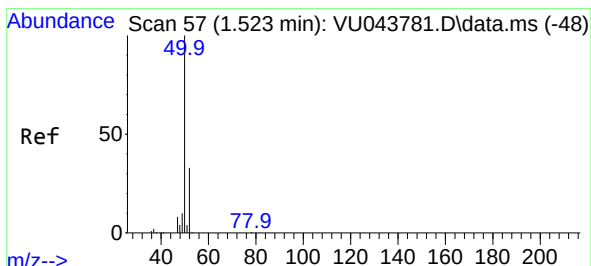
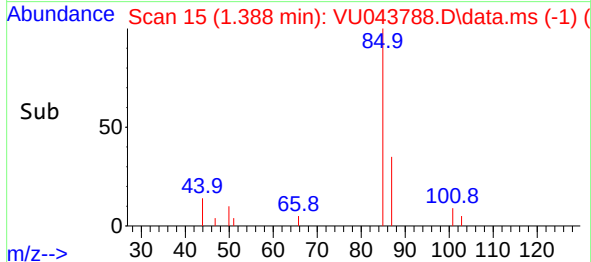
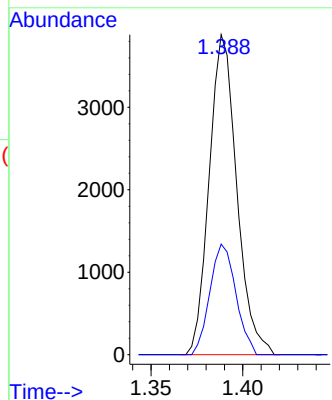
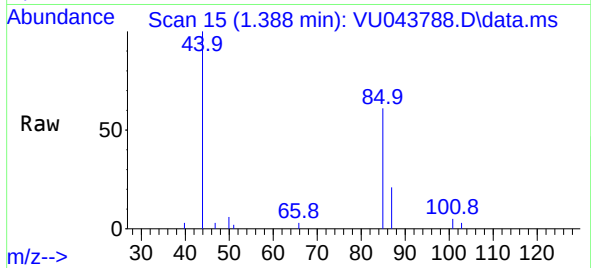




#2
Dichlorodifluoromethane
Concen: 0.24 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

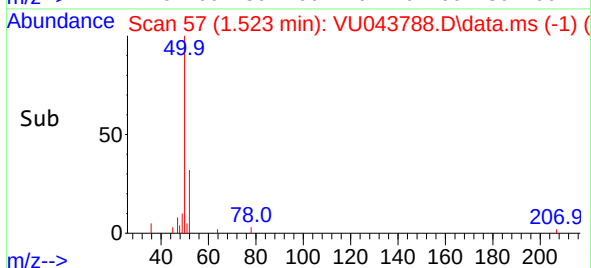
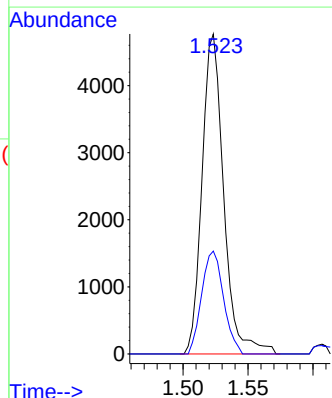
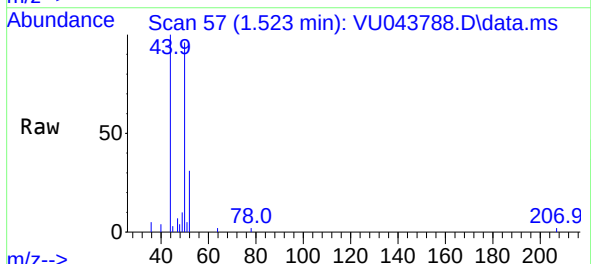
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ClientSampleId :
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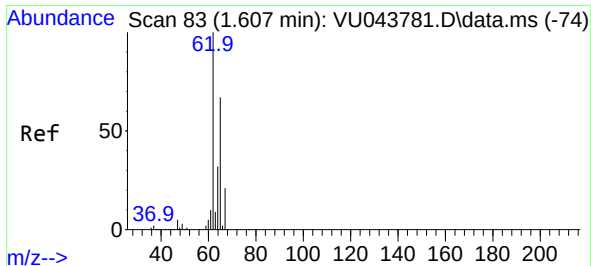
Tgt Ion: 85 Resp: 4049
Ion Ratio Lower Upper
85 100
87 32.6 25.5 38.3



#3
Chloromethane
Concen: 0.28 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 50 Resp: 5542
Ion Ratio Lower Upper
50 100
52 32.1 23.2 43.2

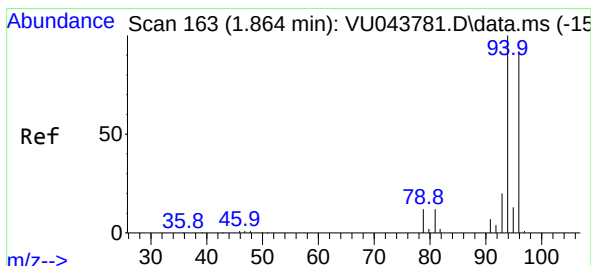
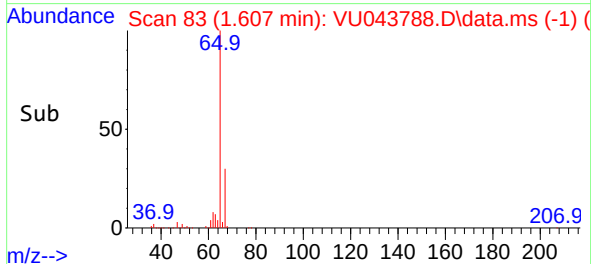
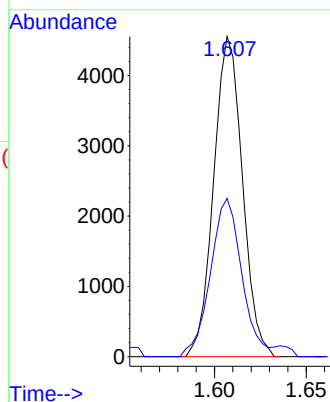
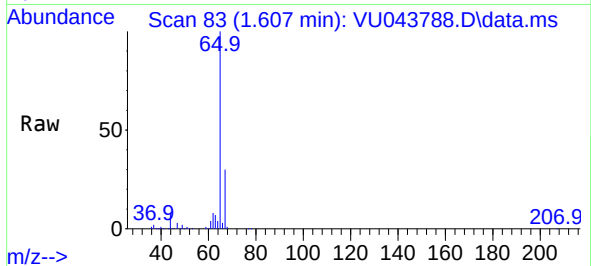




#5
 Vinyl chloride
 Concen: 0.25 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043788.D
 Acq: 17 May 2021 13:24

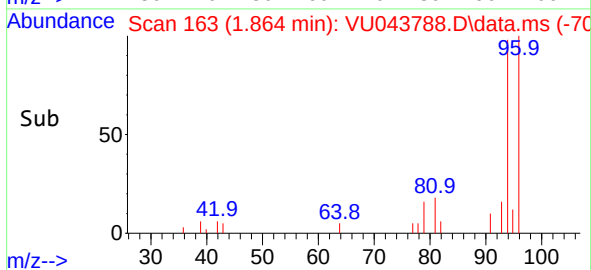
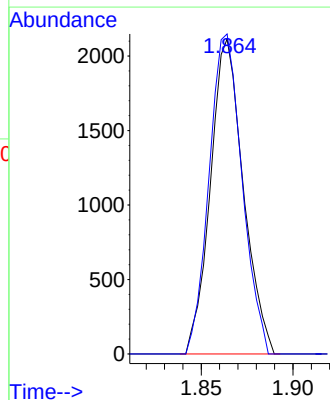
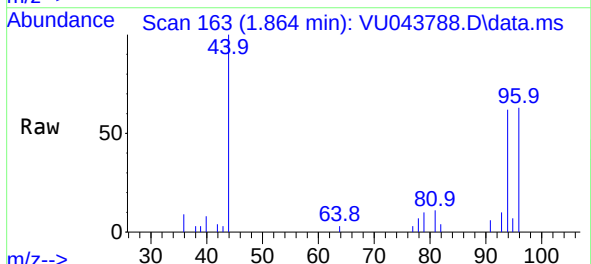
Instrument :
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 MDL-WATER-QT3-2021-06

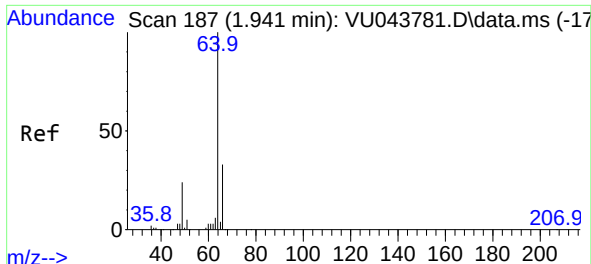
Tgt Ion: 62 Resp: 4973
 Ion Ratio Lower Upper
 62 100
 64 49.5 22.1 41.1#



#6
 Bromomethane
 Concen: 0.22 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043788.D
 Acq: 17 May 2021 13:24

Tgt Ion: 94 Resp: 2633
 Ion Ratio Lower Upper
 94 100
 96 101.6 65.0 120.8

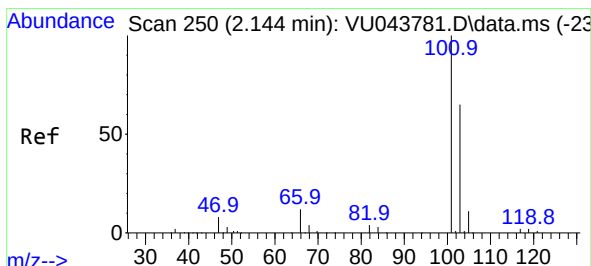
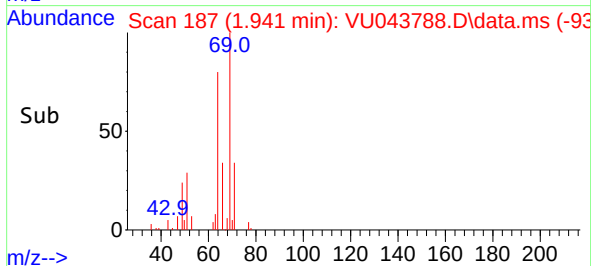
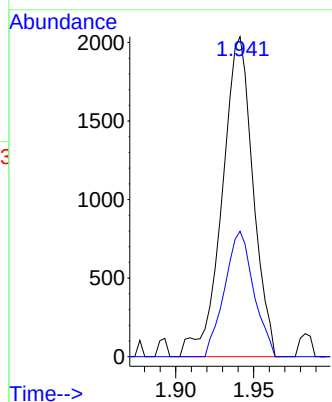
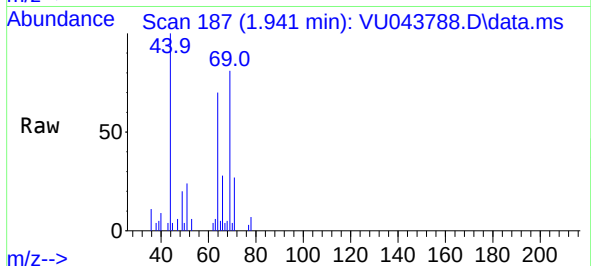




#8
Chloroethane
Concen: 0.25 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

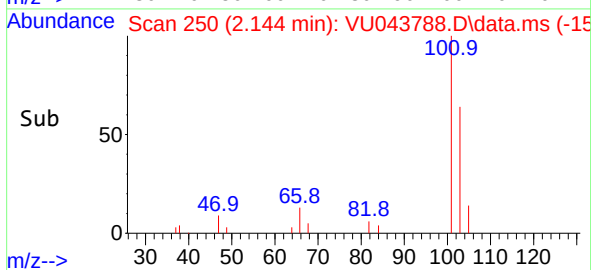
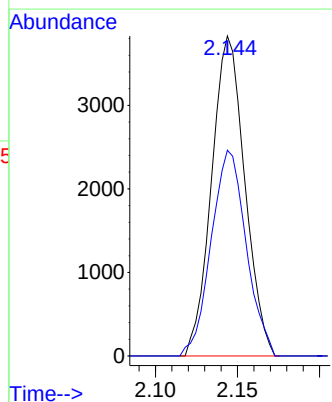
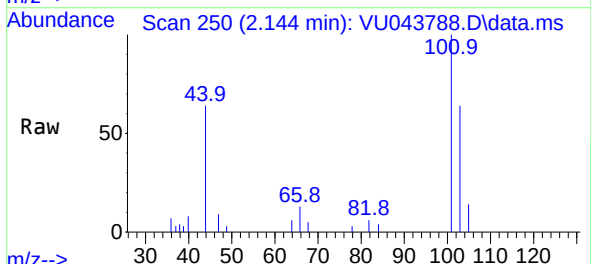
Instrument :
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ClientSampleId :
MDL-WATER-QT3-2021-06

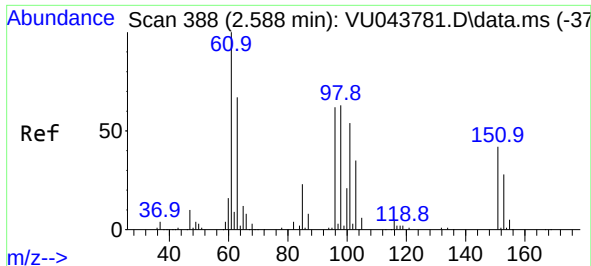
Tgt Ion: 64 Resp: 2802
Ion Ratio Lower Upper
64 100
66 39.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 0.23 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 101 Resp: 5386
Ion Ratio Lower Upper
101 100
103 67.8 52.1 78.1

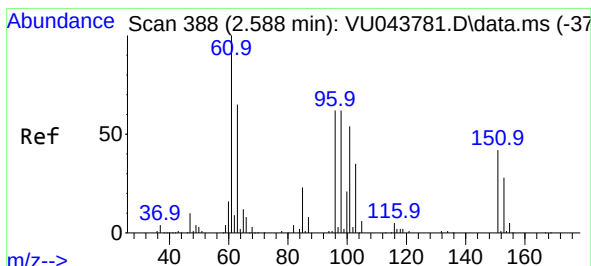
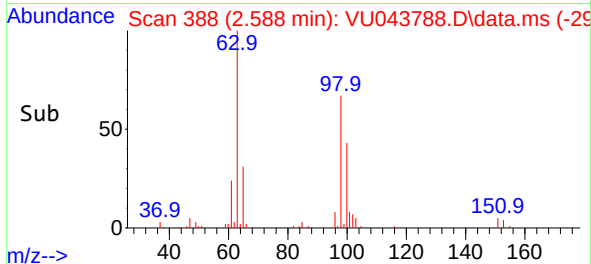
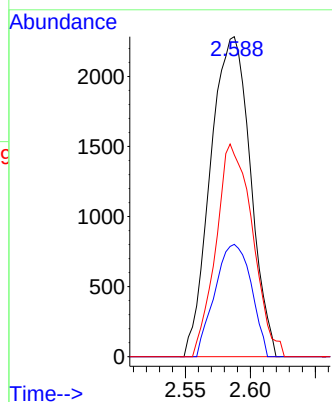
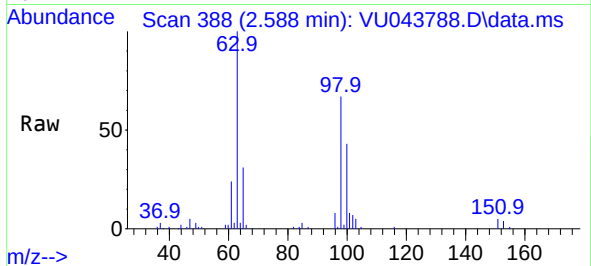




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.31 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

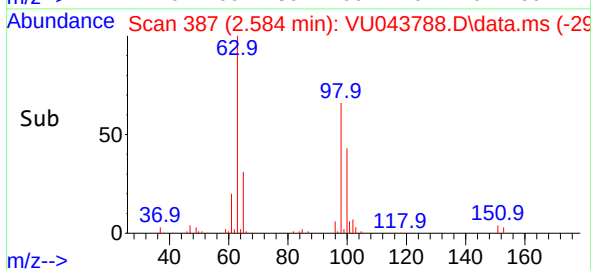
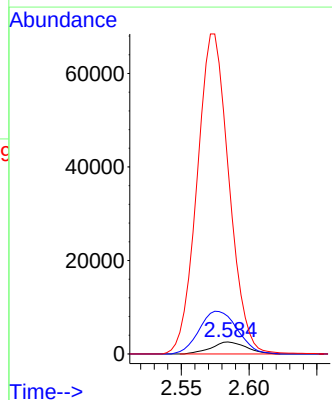
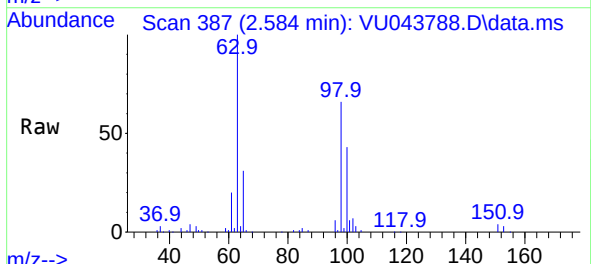
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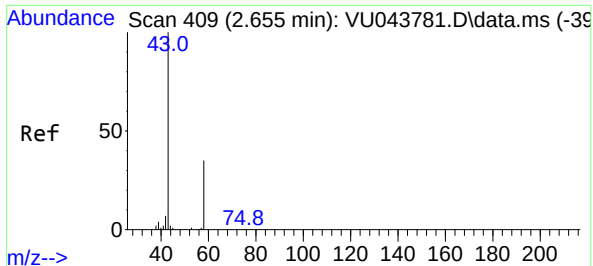
Tgt Ion:101 Resp: 4872
Ion Ratio Lower Upper
101 100
85 31.9 34.3 51.5#
151 60.9 62.7 94.1#



#12
1,1-Dichloroethene
Concen: 0.30 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 96 Resp: 4591
Ion Ratio Lower Upper
96 100
61 314.3 117.5 218.1#
63 1570.3 77.3 143.7#

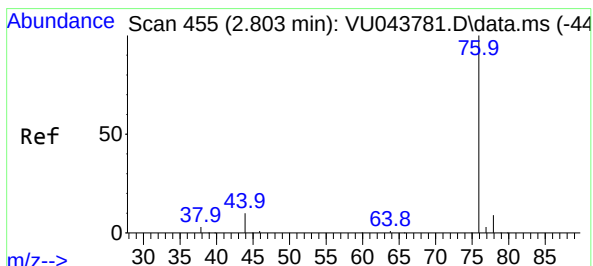
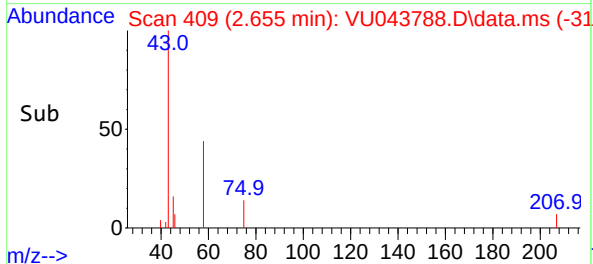
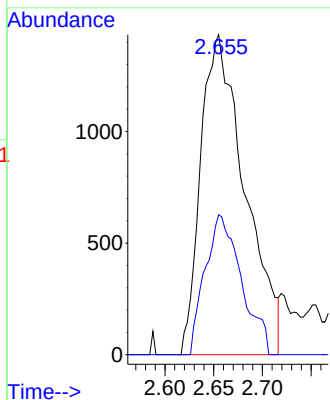
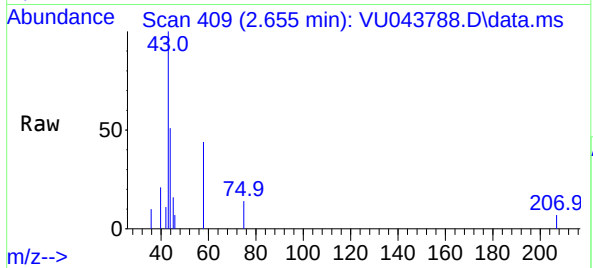




#13
Acetone
Concen: 2.16 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

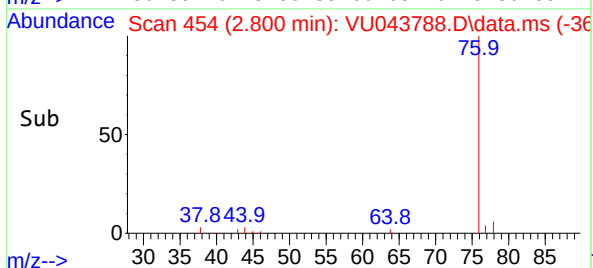
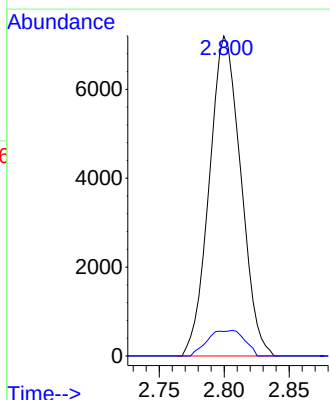
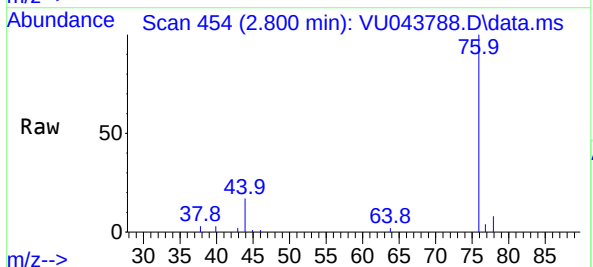
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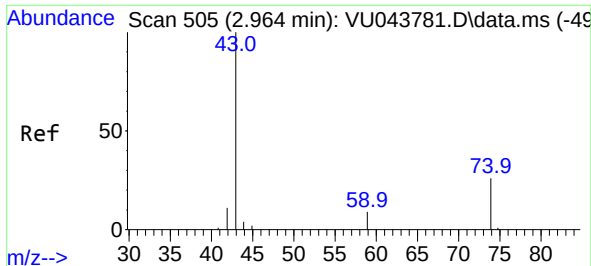
Tgt Ion: 43 Resp: 4520
Ion Ratio Lower Upper
43 100
58 36.0 0.0 71.6



#14
Carbon disulfide
Concen: 0.23 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 76 Resp: 12144
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

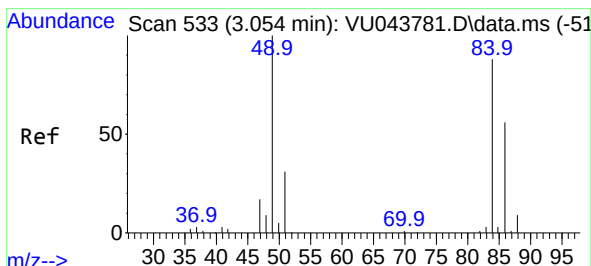
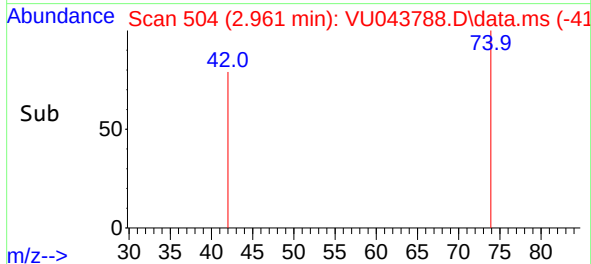
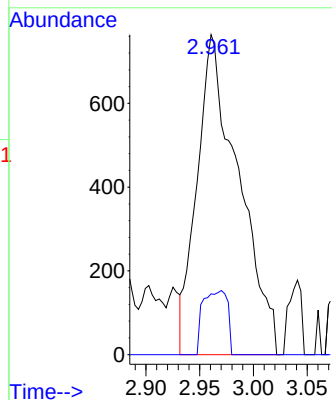
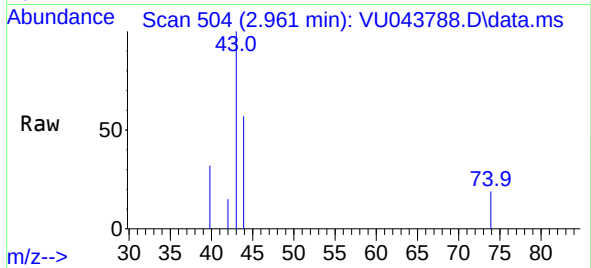




#15
Methyl Acetate
Concen: 0.33 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

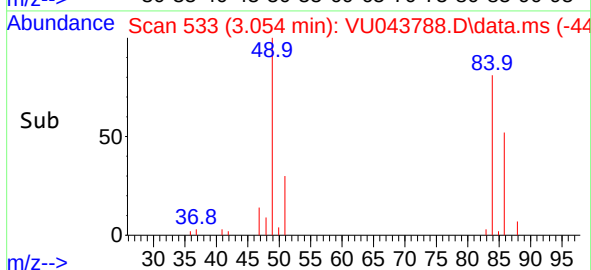
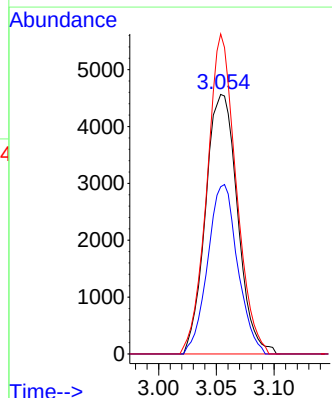
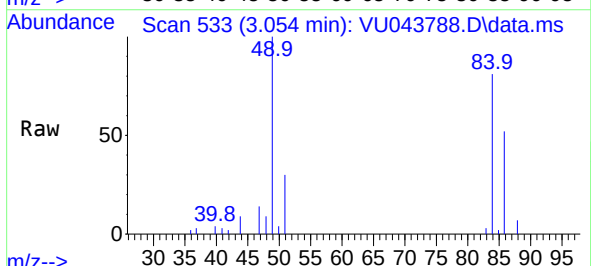
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

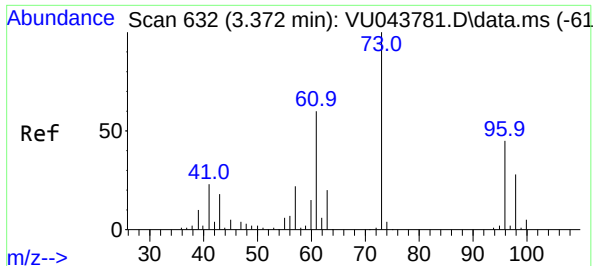
Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
74 11.8 19.3 28.9#



#16
Methylene chloride
Concen: 0.38 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 84 Resp: 8783
Ion Ratio Lower Upper
84 100
86 64.4 44.7 82.9
49 123.3 83.1 154.3



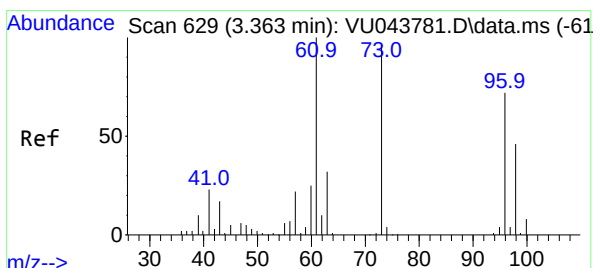
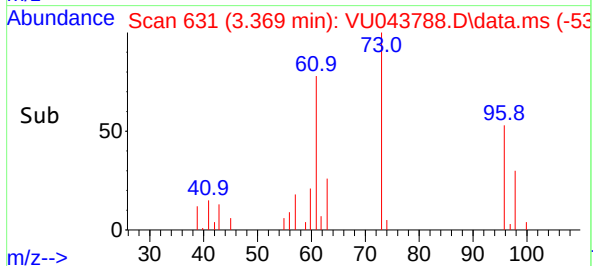
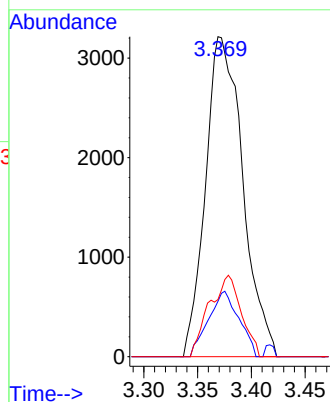
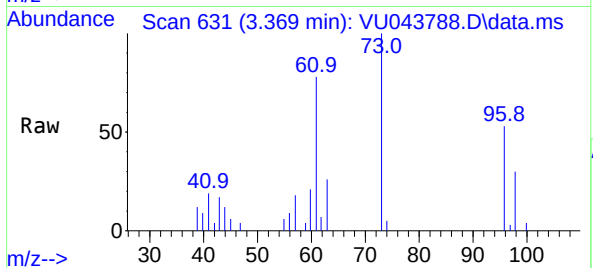


#17
Methyl tert-butyl Ether
Concen: 0.22 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

Tgt Ion: 73 Resp: 7721

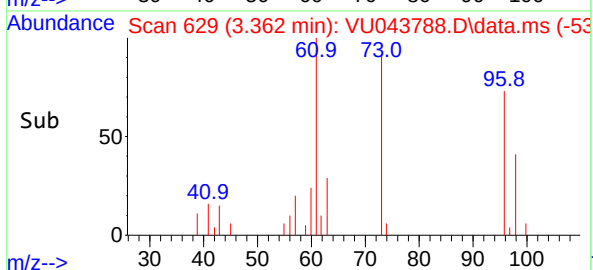
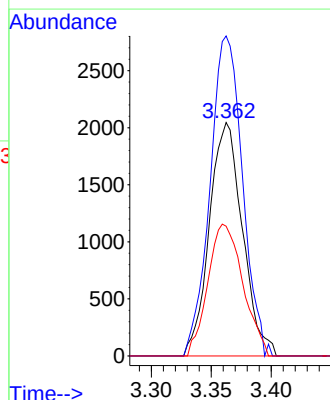
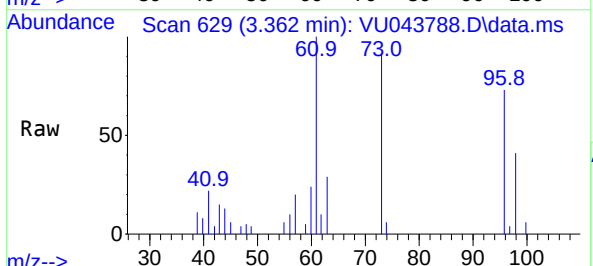
Ion	Ratio	Lower	Upper
73	100		
43	16.9	15.0	22.4
57	21.9	18.6	27.8

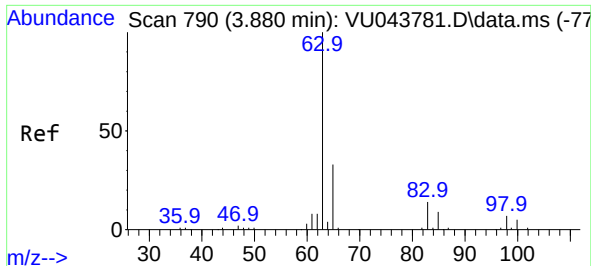


#18
trans-1,2-Dichloroethene
Concen: 0.24 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 96 Resp: 3927

Ion	Ratio	Lower	Upper
96	100		
61	137.0	99.6	185.0
98	55.6	43.8	81.4

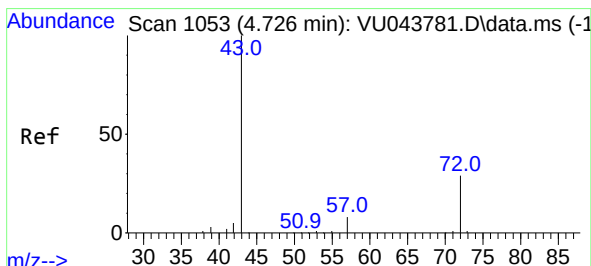
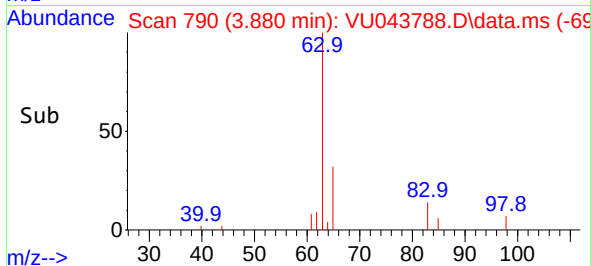
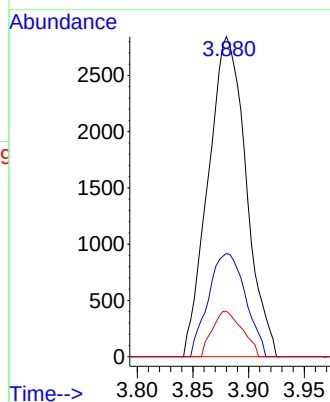
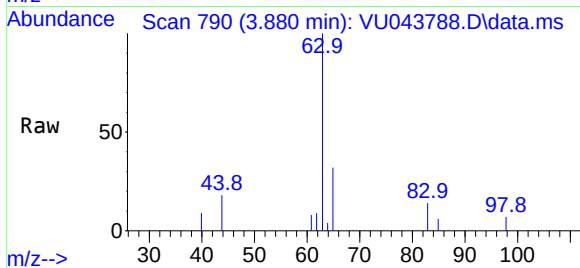




#19
1,1-Dichloroethane
Concen: 0.23 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

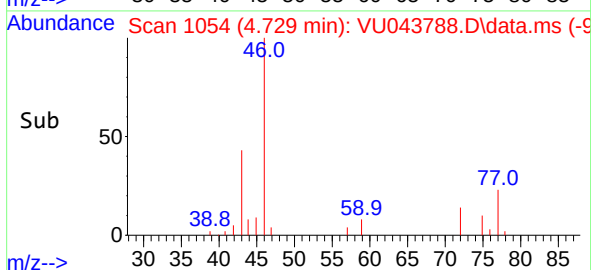
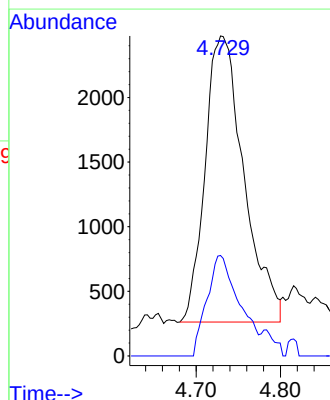
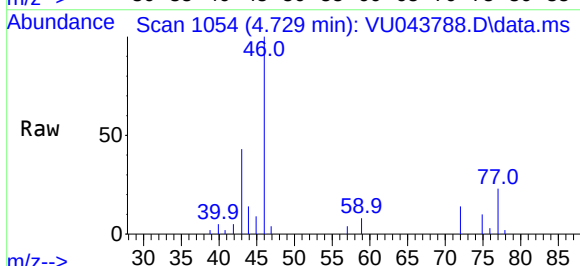
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

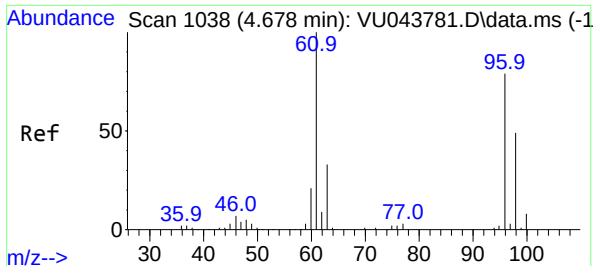
Tgt Ion:	63	Resp:	6737
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.3	41.3
83	14.2	9.0	16.8



#21
2-Butanone
Concen: 1.77 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion:	43	Resp:	7071
Ion	Ratio	Lower	Upper
43	100		
72	29.3	14.5	43.6



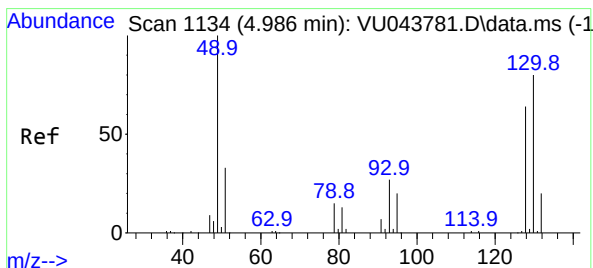
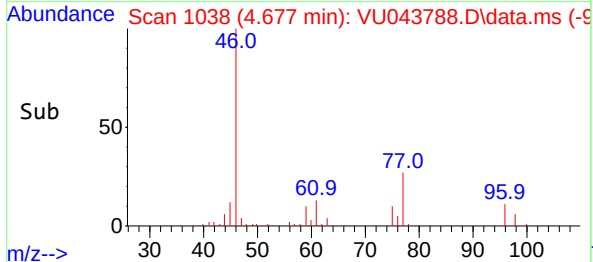
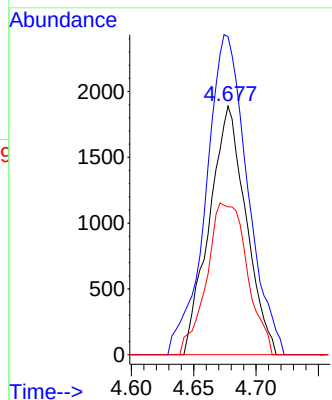
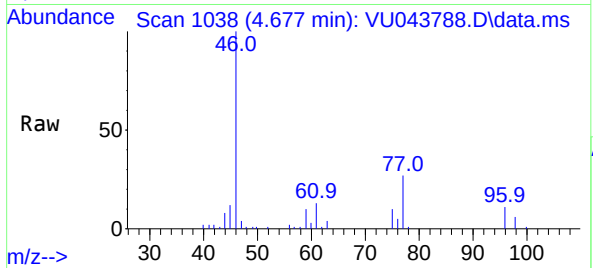


#22
cis-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

Tgt Ion: 96 Resp: 3870

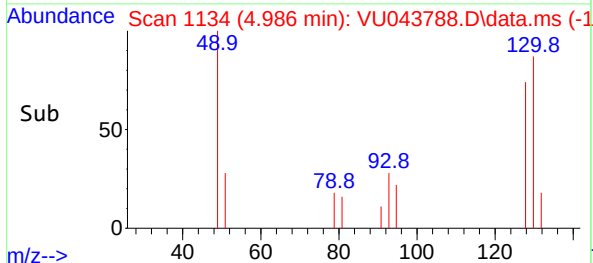
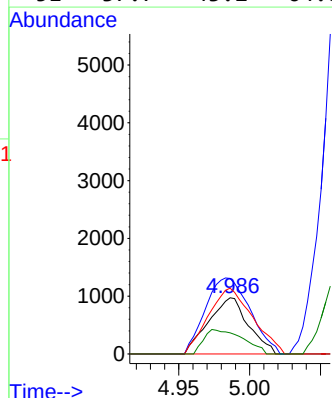
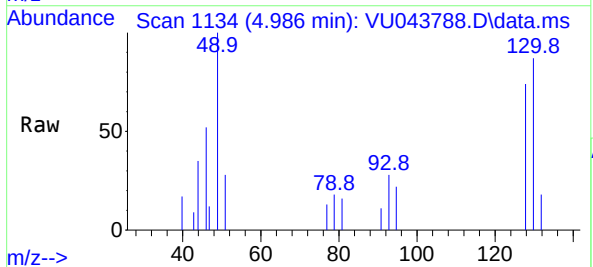
Ion	Ratio	Lower	Upper
96	100		
61	128.0	89.0	165.4
98	59.4	44.9	83.3

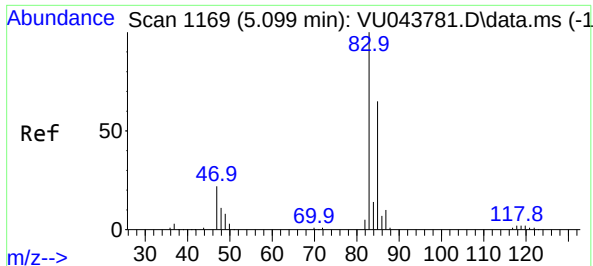


#23
Bromochloromethane
Concen: 0.24 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 128 Resp: 1900

Ion	Ratio	Lower	Upper
128	100		
49	134.5	114.7	212.9
130	117.2	91.7	170.3
51	37.7	43.2	64.8



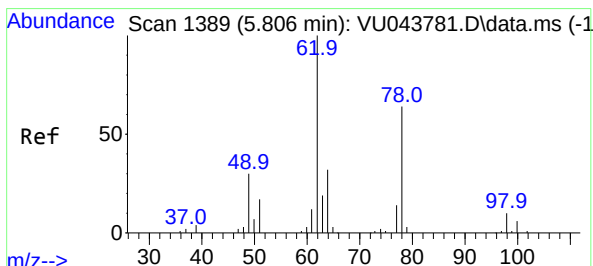
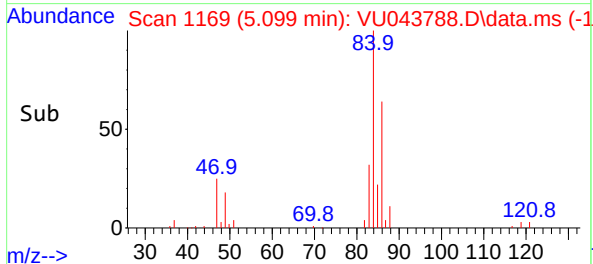
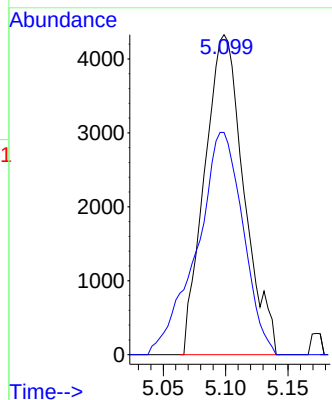
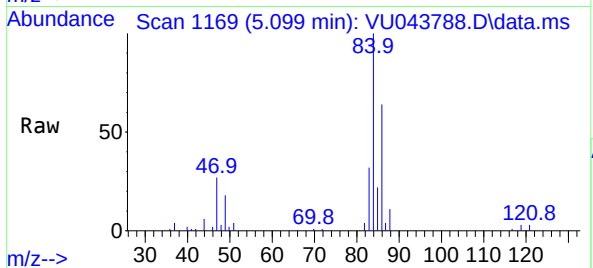


#25

Chloroform
Concen: 0.33 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

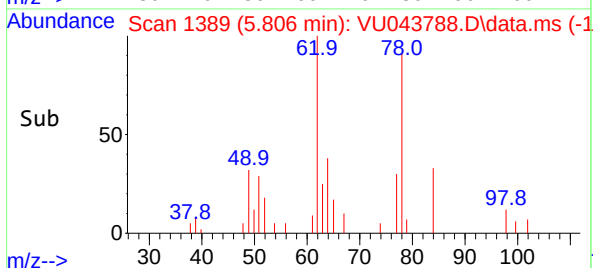
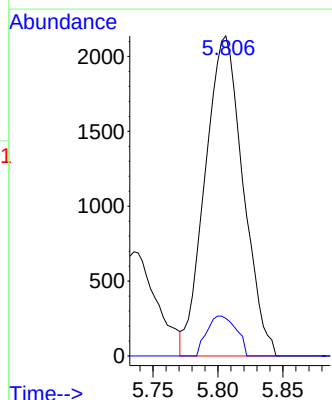
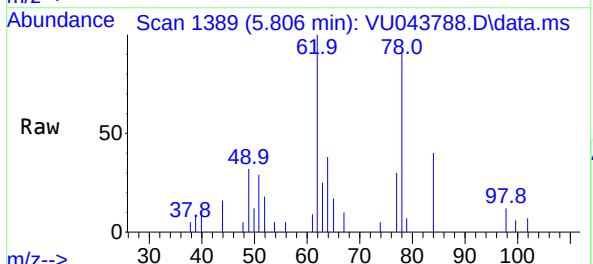
Tgt Ion: 83 Resp: 9478
Ion Ratio Lower Upper
83 100
85 69.4 45.0 83.6

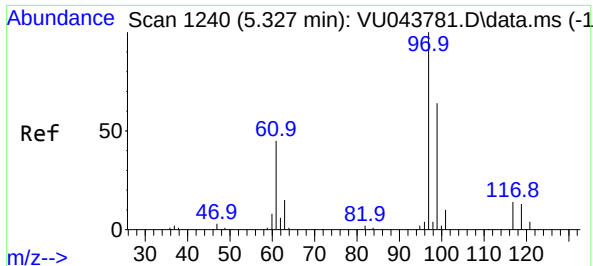


#27

1,2-Dichloroethane
Concen: 0.24 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 62 Resp: 4339
Ion Ratio Lower Upper
62 100
98 11.7 7.7 11.5#



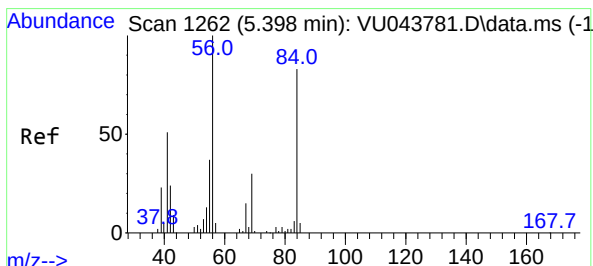
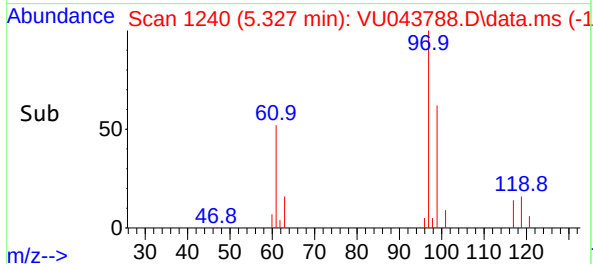
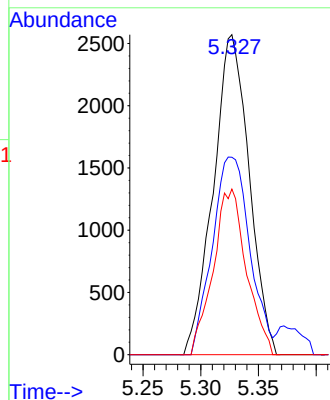
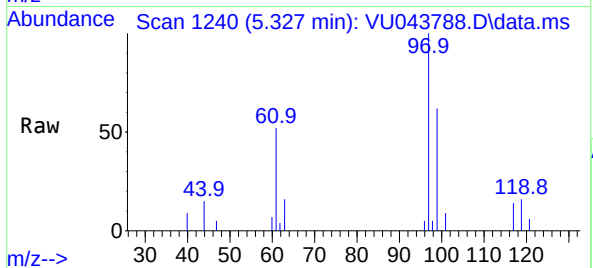


#29

1,1,1-Trichloroethane
Concen: 0.23 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

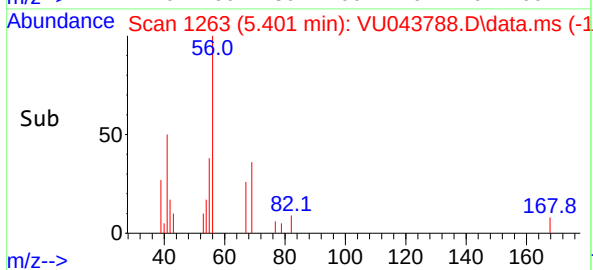
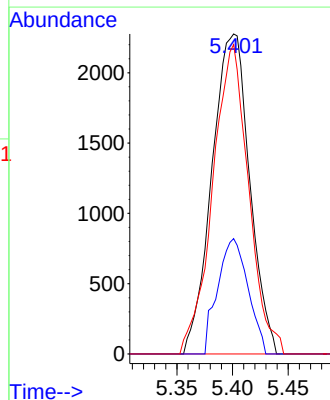
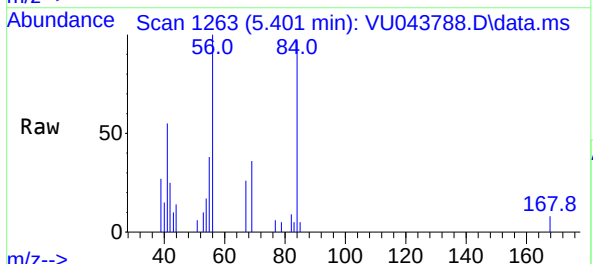
Tgt Ion:	97	Resp:	5557
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.1	76.7
61	47.9	37.0	55.4

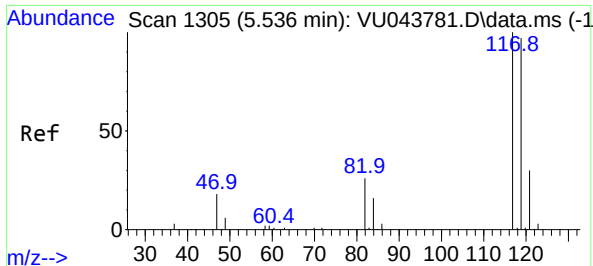


#30

Cyclohexane
Concen: 0.20 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion:	56	Resp:	5367
Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.8	37.2
84	91.8	66.8	100.2

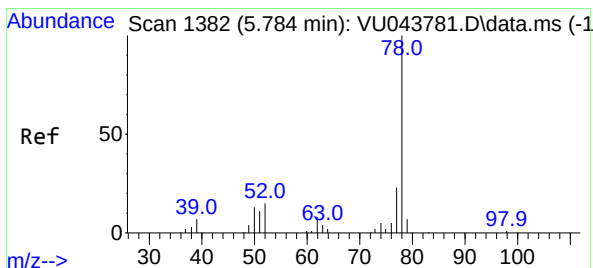
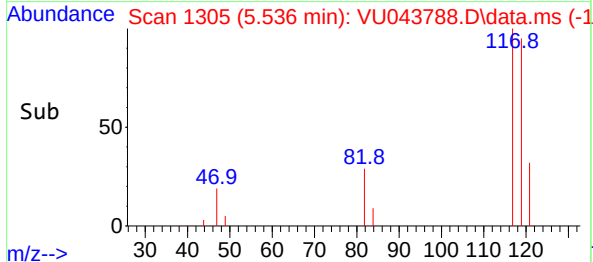
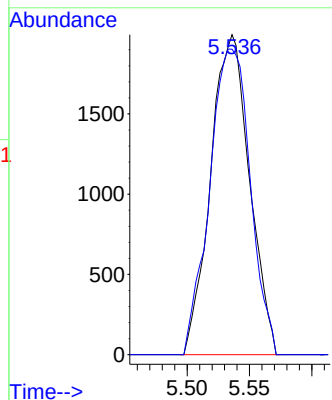
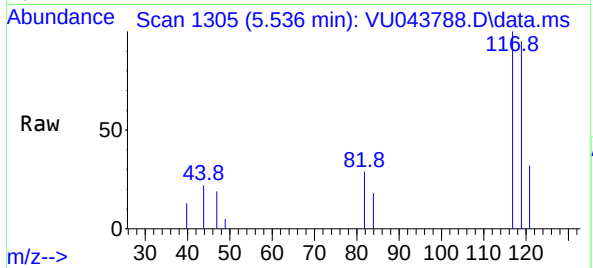




#31
Carbon tetrachloride
Concen: 0.21 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

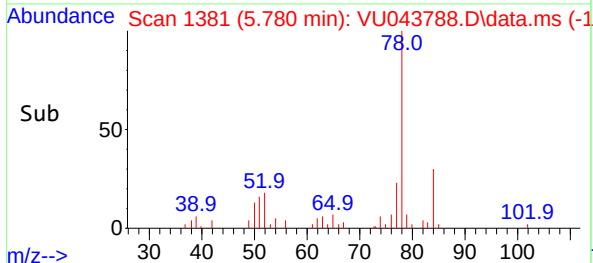
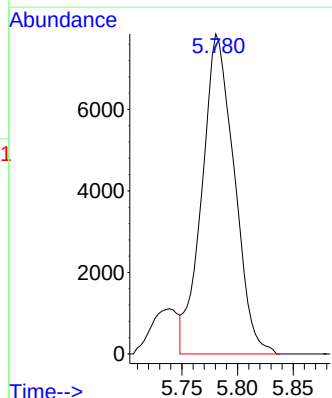
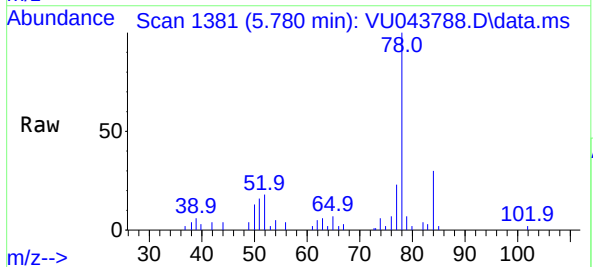
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

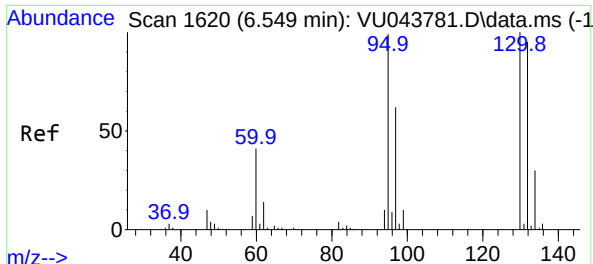
Tgt Ion:117 Resp: 4329
Ion Ratio Lower Upper
117 100
119 100.0 77.4 116.0



#33
Benzene
Concen: 0.23 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 78 Resp: 15789





#34

Trichloroethene

Concen: 0.22 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU043788.D

Acq: 17 May 2021 13:24

Tgt Ion: 95 Resp: 3910

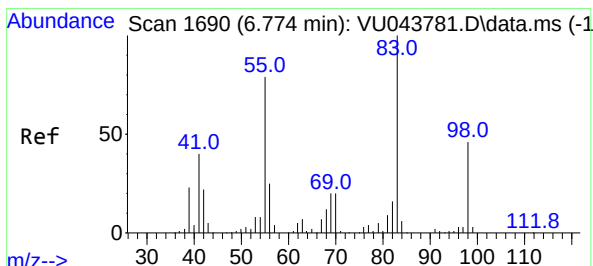
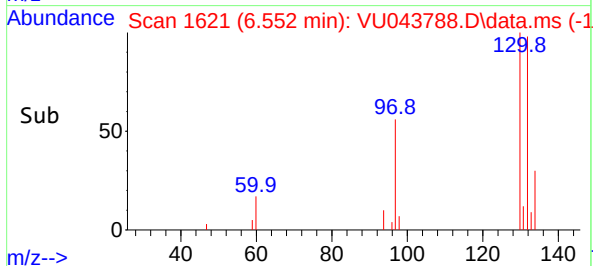
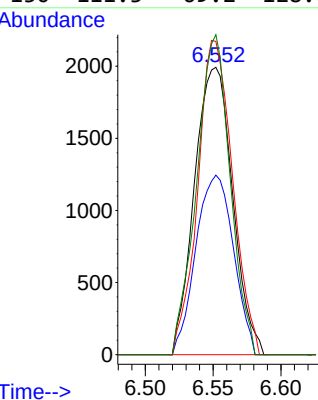
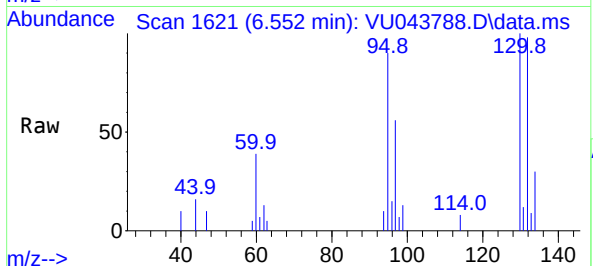
Ion Ratio Lower Upper

95 100

97 62.5 44.3 82.3

132 109.0 66.0 122.6

130 111.3 69.2 128.6



#35

Methylcyclohexane

Concen: 0.20 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU043788.D

Acq: 17 May 2021 13:24

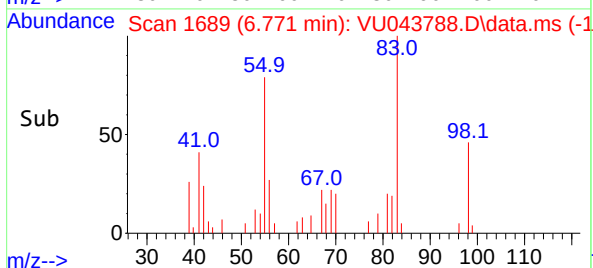
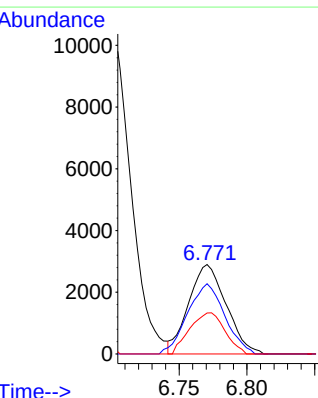
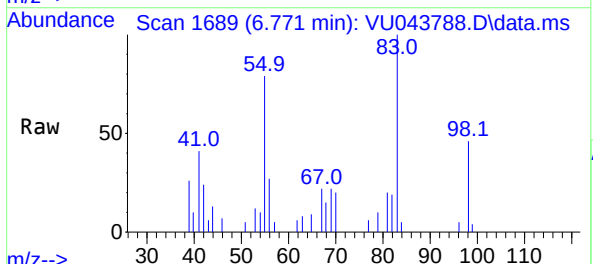
Tgt Ion: 83 Resp: 5572

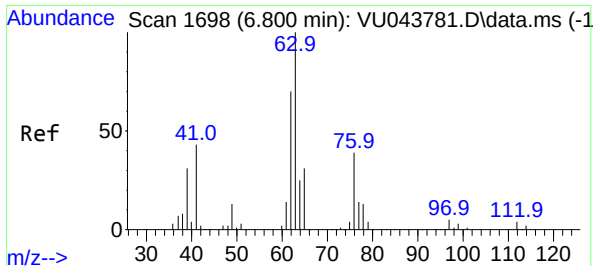
Ion Ratio Lower Upper

83 100

55 77.9 64.8 97.2

98 43.2 35.9 53.9

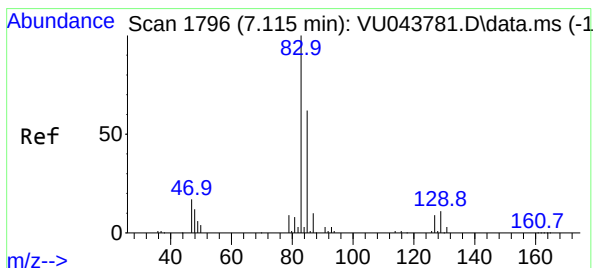
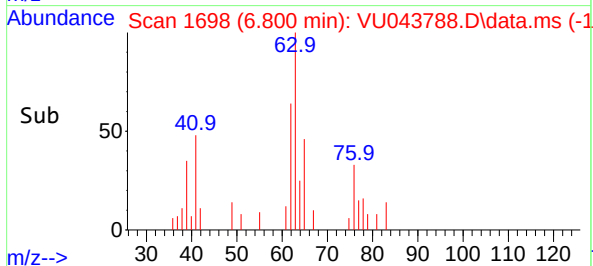
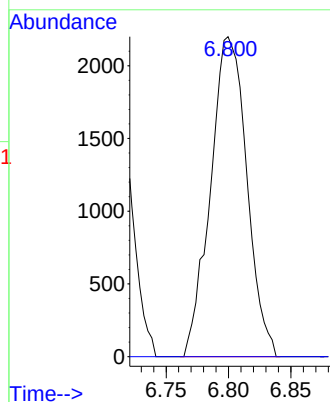
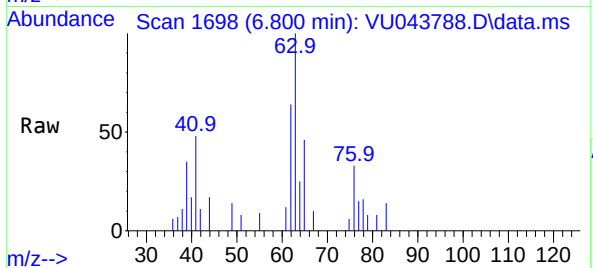




#37
1,2-Dichloropropane
Concen: 0.25 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

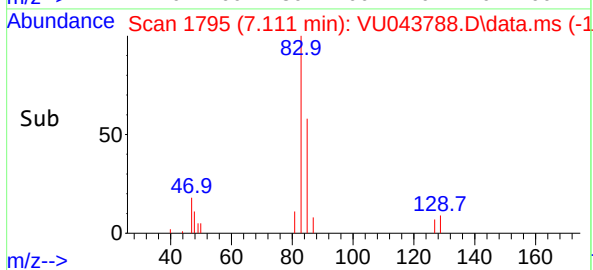
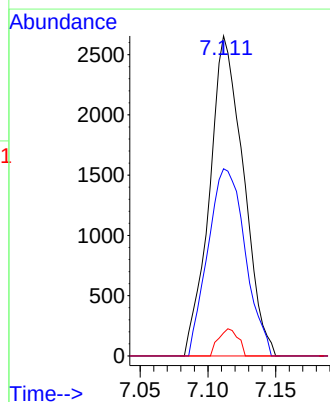
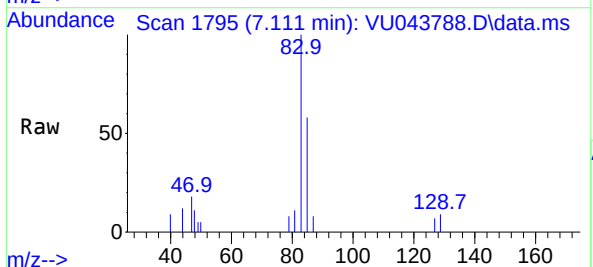
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

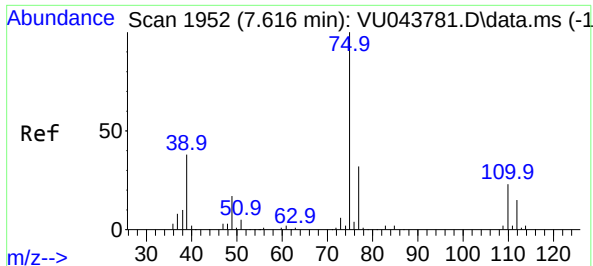
Tgt Ion: 63 Resp: 4468
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.22 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 83 Resp: 4615
Ion Ratio Lower Upper
83 100
85 58.5 44.6 82.8
127 7.2 7.0 10.4



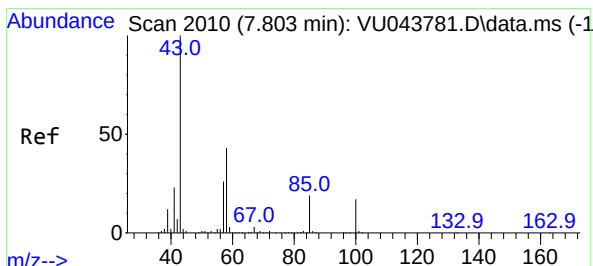
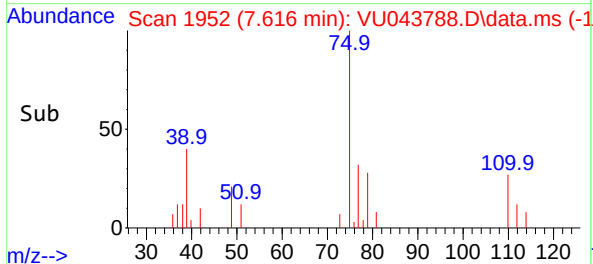
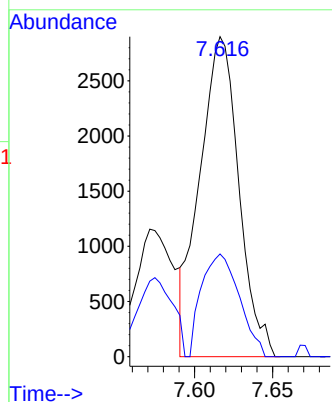
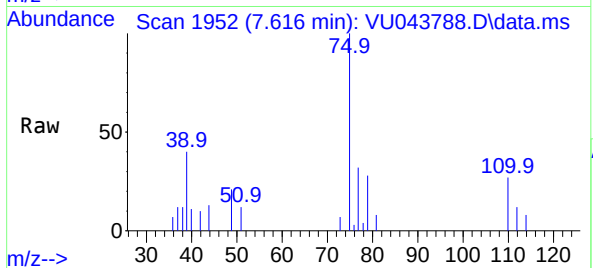


#39

cis-1,3-Dichloropropene
Concen: 0.21 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

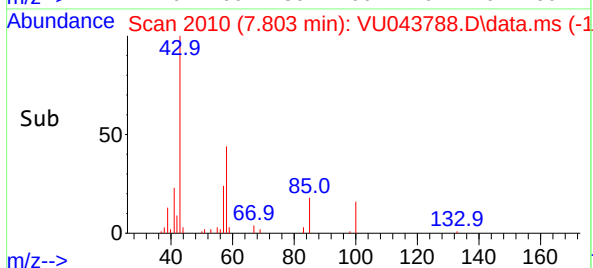
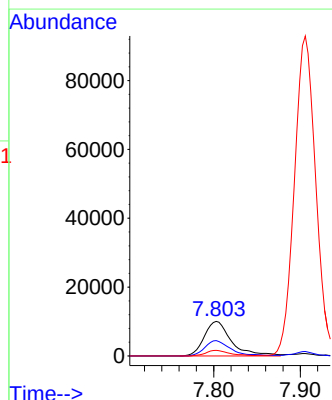
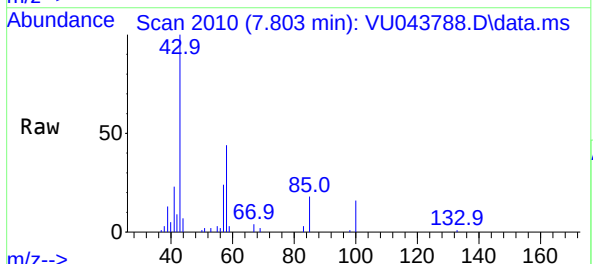
Tgt Ion: 75 Resp: 5063
Ion Ratio Lower Upper
75 100
77 32.1 22.5 41.7

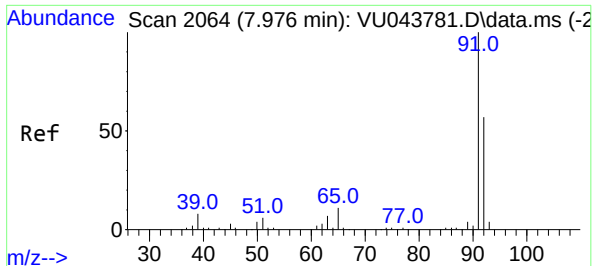


#40

4-Methyl-2-pentanone
Concen: 1.93 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 43 Resp: 21956
Ion Ratio Lower Upper
43 100
58 41.7 32.8 49.2
100 0.0 11.9 17.9#

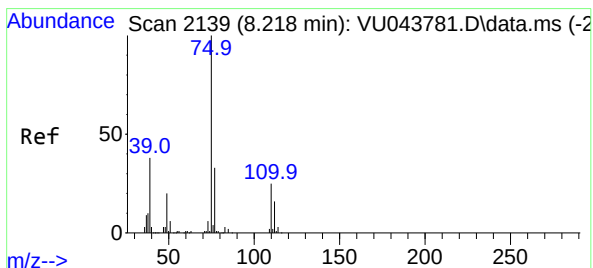
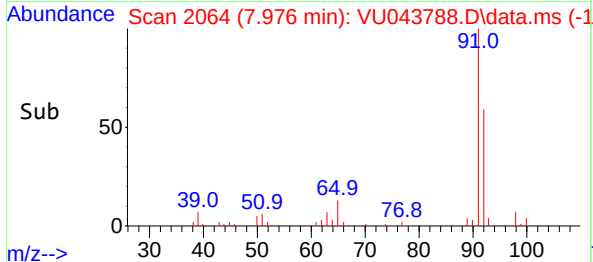
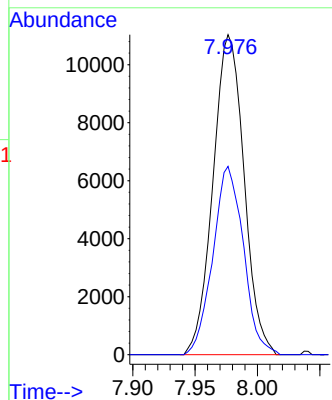
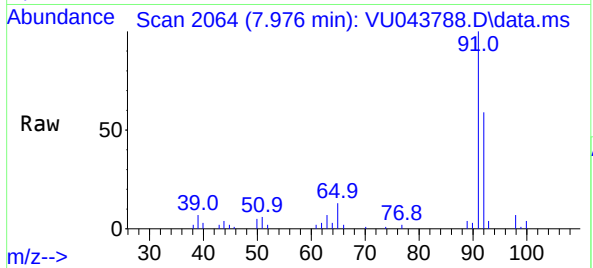




#42
Toluene
Concen: 0.27 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

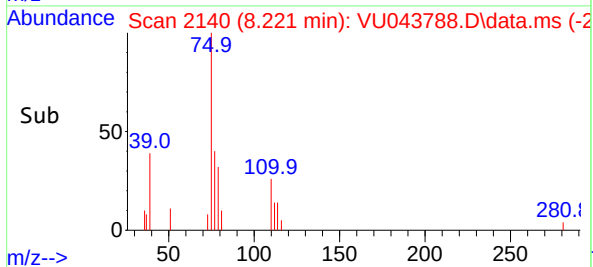
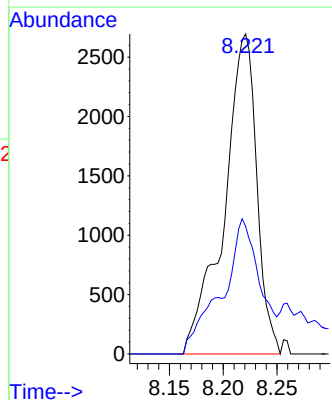
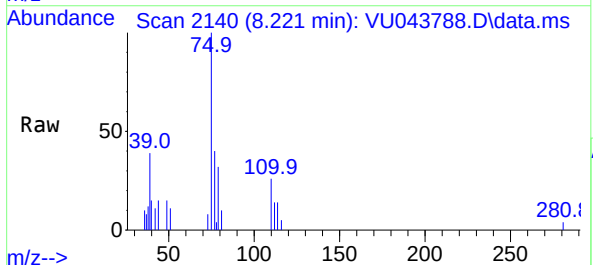
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

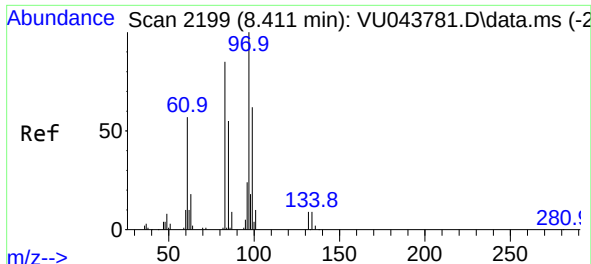
Tgt Ion: 91 Resp: 19150
Ion Ratio Lower Upper
91 100
92 58.8 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 0.28 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 75 Resp: 5721
Ion Ratio Lower Upper
75 100
77 39.9 21.5 39.9



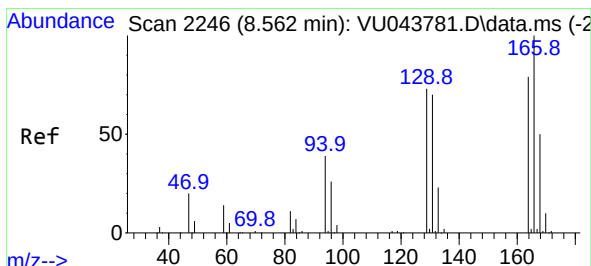
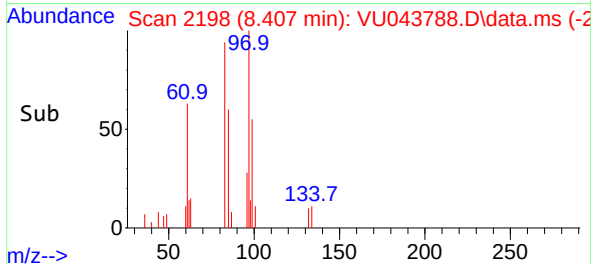
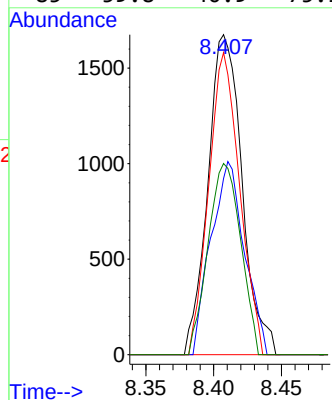
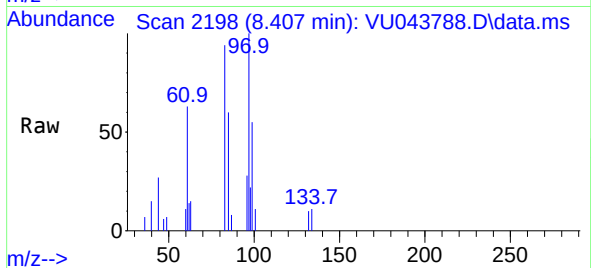


#45
1,1,2-Trichloroethane
Concen: 0.23 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

Tgt Ion: 97 Resp: 2935

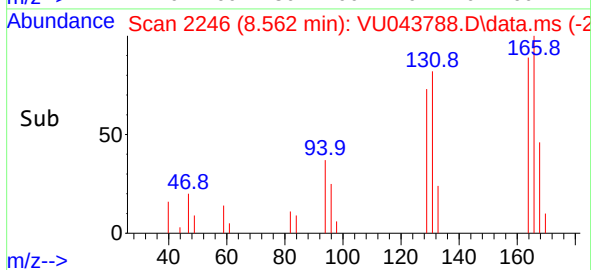
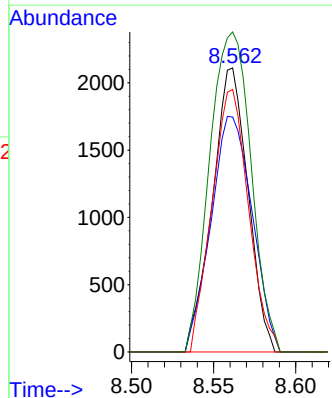
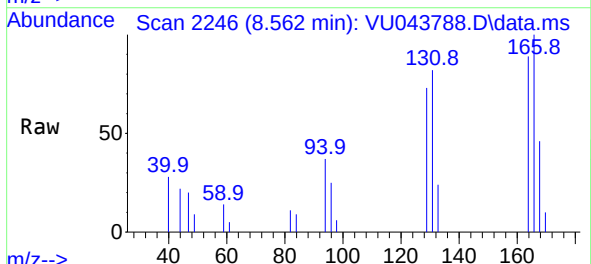
Ion	Ratio	Lower	Upper
97	100		
99	55.0	43.8	81.4
83	94.4	62.5	116.1
85	59.8	40.9	75.9

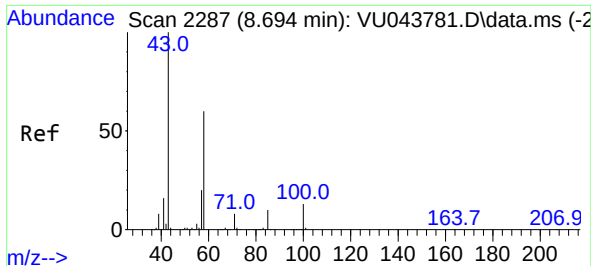


#47
Tetrachloroethene
Concen: 0.22 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 164 Resp: 3187

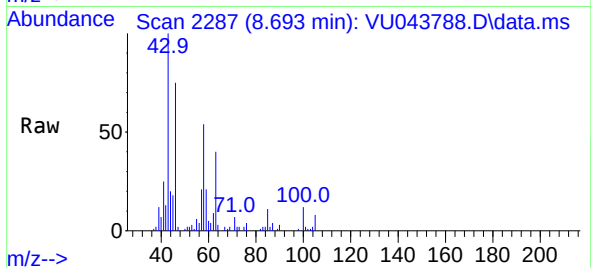
Ion	Ratio	Lower	Upper
164	100		
129	82.7	64.1	119.1
131	92.5	61.2	113.8
166	112.7	87.8	163.2





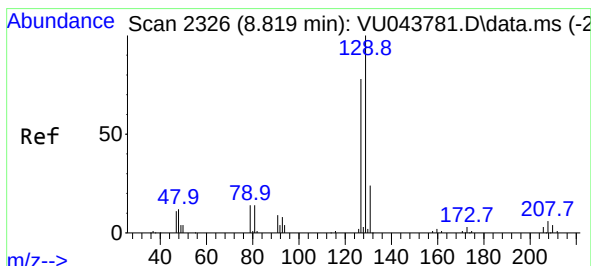
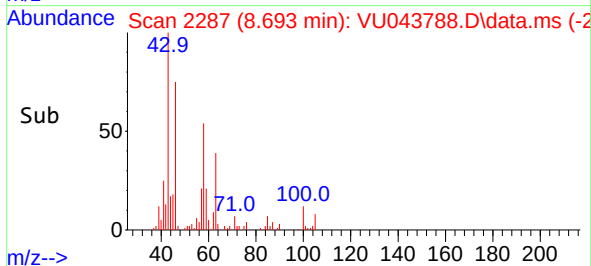
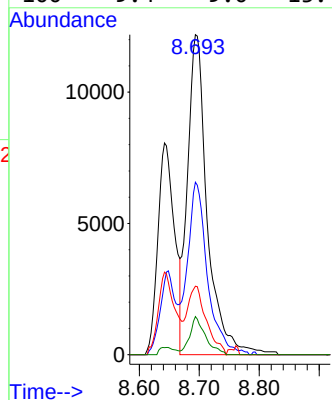
#48
2-Hexanone
Concen: 3.32 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06



Tgt Ion: 43 Resp: 28065

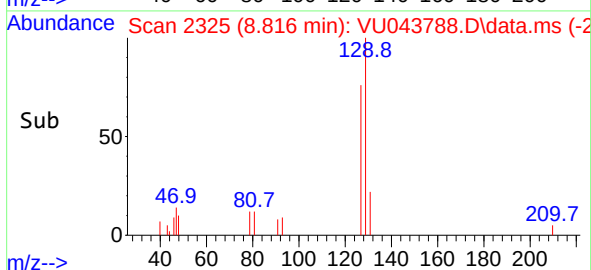
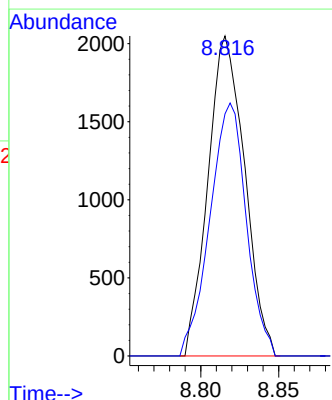
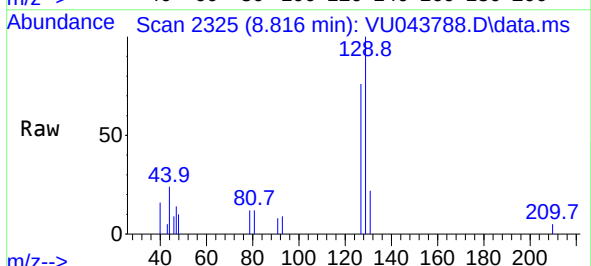
Ion	Ratio	Lower	Upper
43	100		
58	53.6	47.0	70.4
57	20.7	15.8	23.8
100	9.4	9.0	13.4

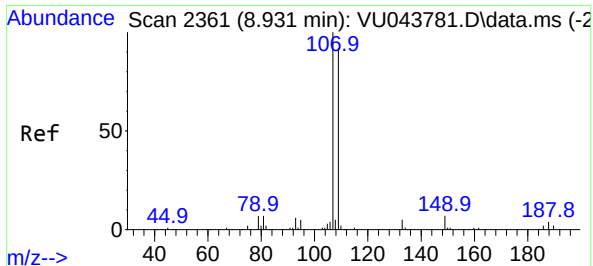


#49
Dibromochloromethane
Concen: 0.23 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion: 129 Resp: 3352

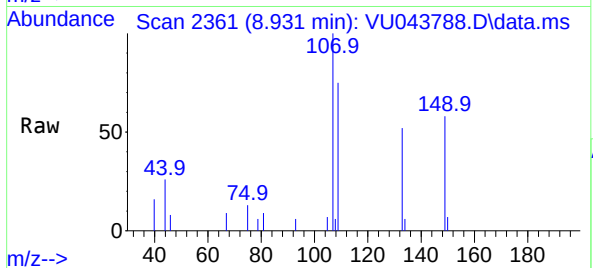
Ion	Ratio	Lower	Upper
129	100		
127	75.6	53.4	99.2



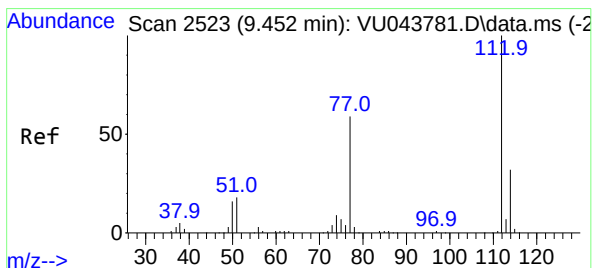
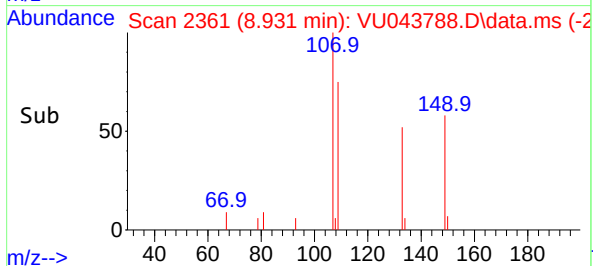
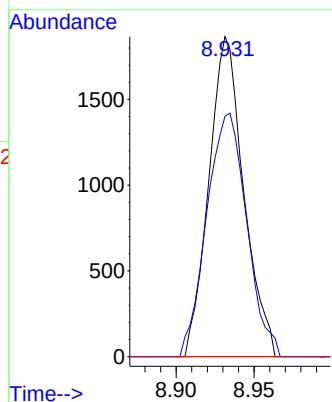


#50
1,2-Dibromoethane
Concen: 0.24 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

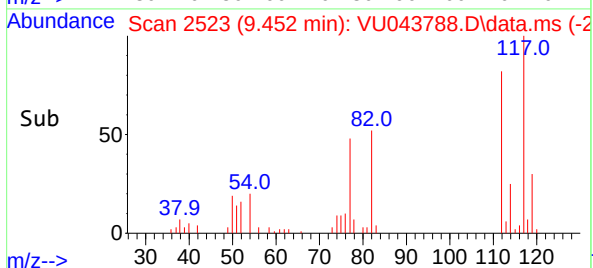
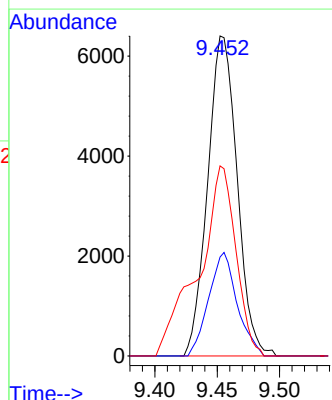
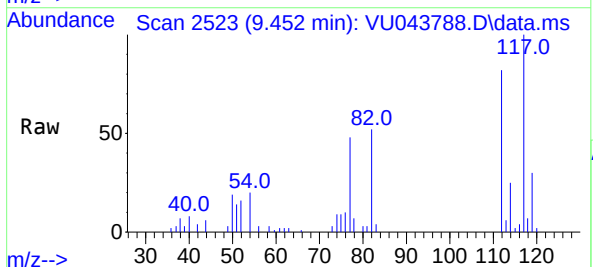


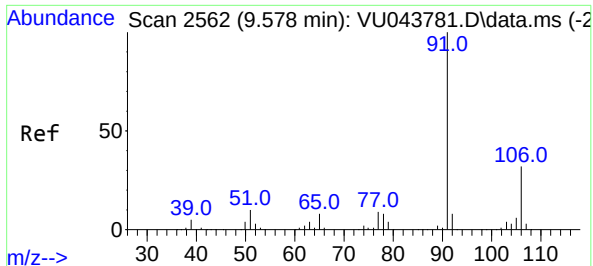
Tgt Ion:	107	Resp:	2905
Ion Ratio	Lower	Upper	
107	100		
109	75.1	67.7	125.7
188	0.0	3.3	4.9#



#51
Chlorobenzene
Concen: 0.24 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion:	112	Resp:	10555
Ion Ratio	Lower	Upper	
112	100		
114	30.9	22.3	41.5
77	59.4	47.8	71.8





#52

Ethylbenzene

Concen: 0.20 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU043788.D

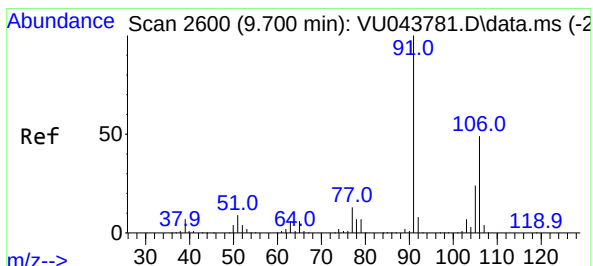
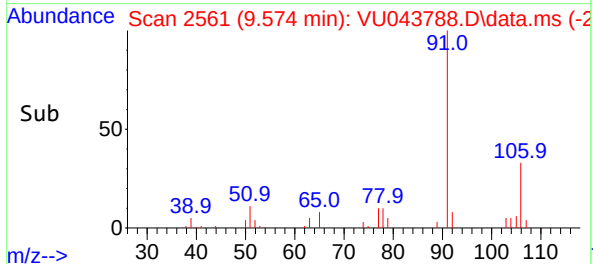
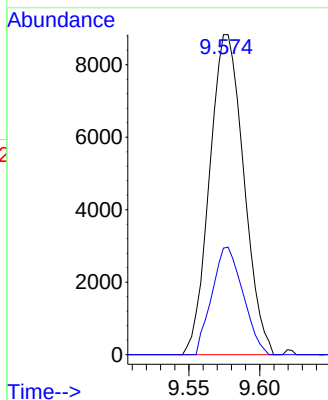
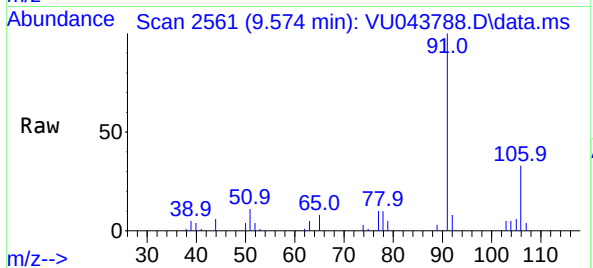
Acq: 17 May 2021 13:24

Tgt Ion: 91 Resp: 14812

Ion Ratio Lower Upper

91 100

106 33.3 21.7 40.3



#53

m,p-Xylene

Concen: 0.20 ug/L

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU043788.D

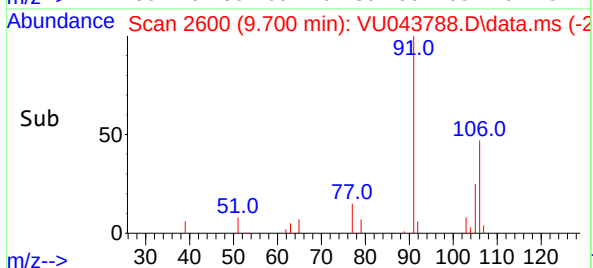
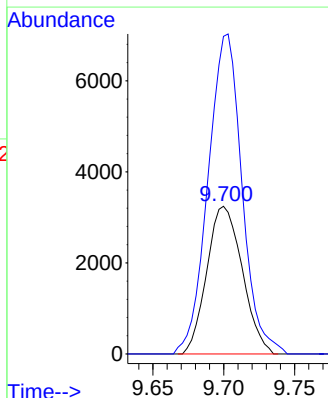
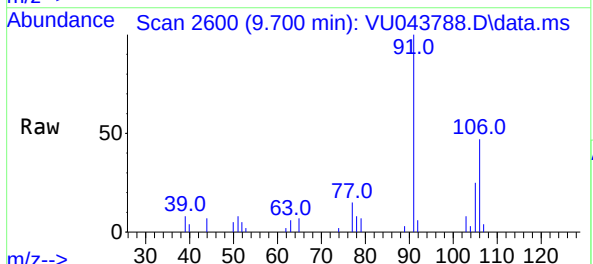
Acq: 17 May 2021 13:24

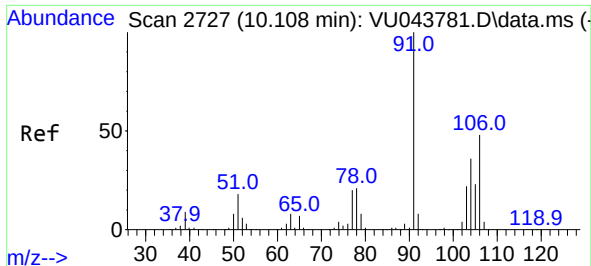
Tgt Ion: 106 Resp: 5647

Ion Ratio Lower Upper

106 100

91 215.0 144.4 268.2

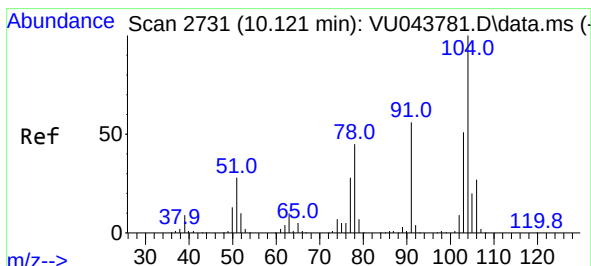
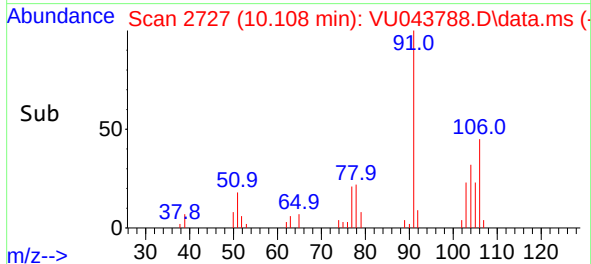
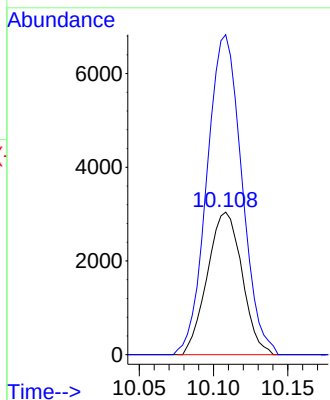
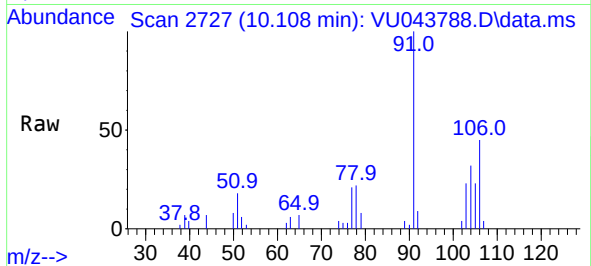




#54
o-Xylene
Concen: 0.19 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

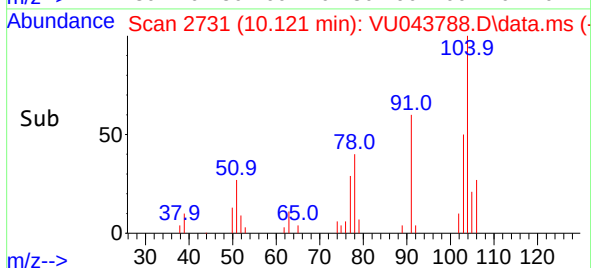
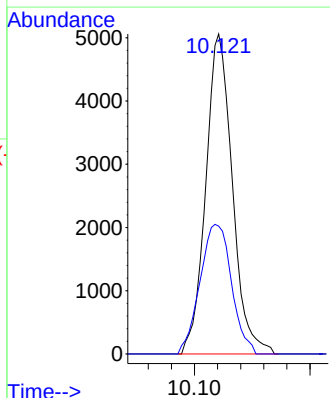
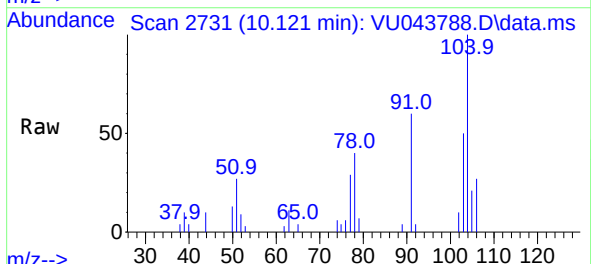
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

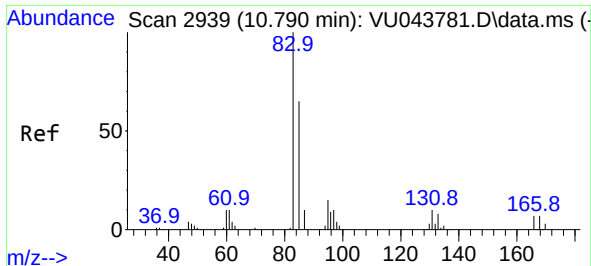
Tgt Ion:106 Resp: 4948
Ion Ratio Lower Upper
106 100
91 224.4 150.8 280.0



#55
Styrene
Concen: 0.18 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion:104 Resp: 8100
Ion Ratio Lower Upper
104 100
78 39.9 31.8 59.0

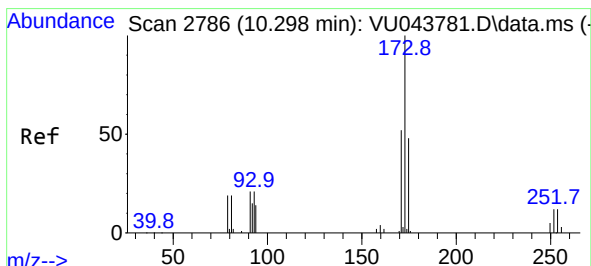
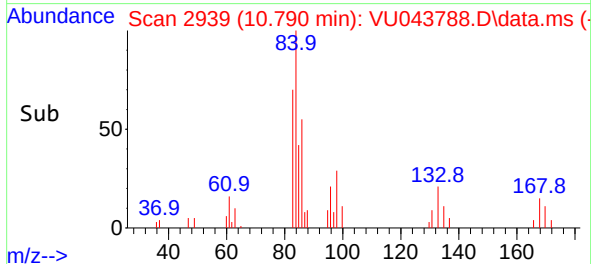
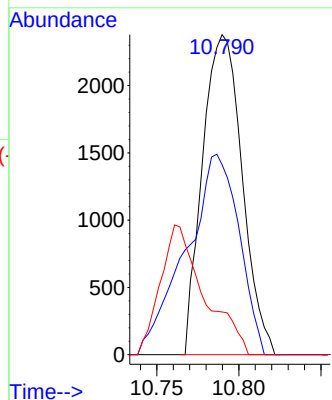
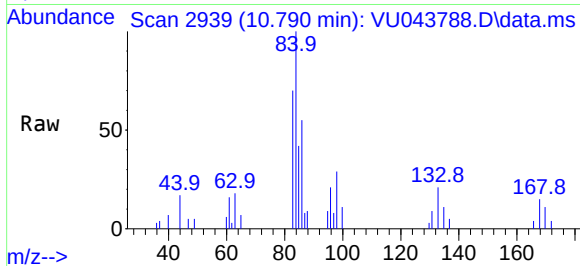




#57
1,1,2,2-Tetrachloroethane
Concen: 0.24 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

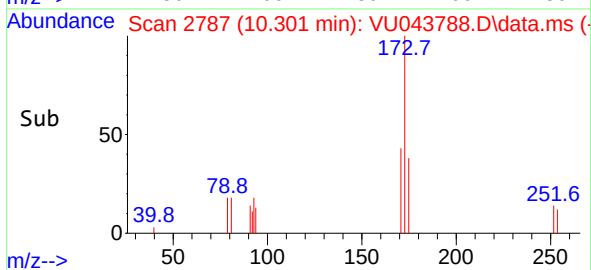
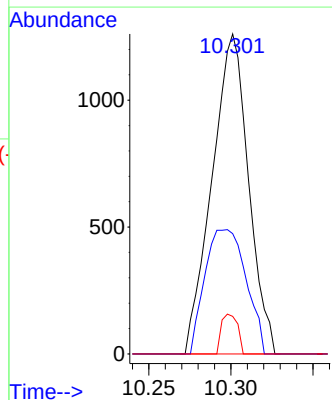
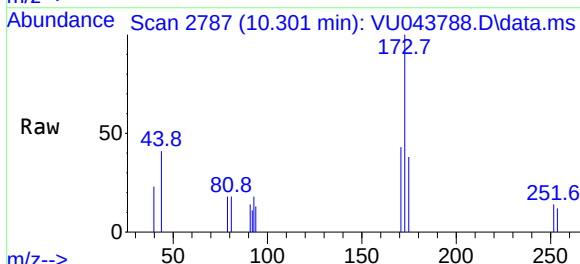
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

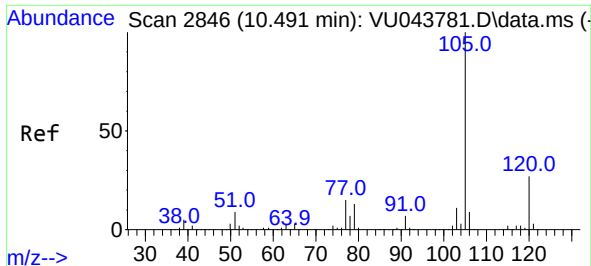
Tgt Ion:	83	Resp:	3991
Ion	Ratio	Lower	Upper
83	100		
85	59.4	45.1	83.7
131	13.4	7.6	11.4#



#59
Bromoform
Concen: 0.26 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion:	173	Resp:	1946
Ion	Ratio	Lower	Upper
173	100		
175	43.9	38.8	58.2
254	5.5	9.4	14.2#

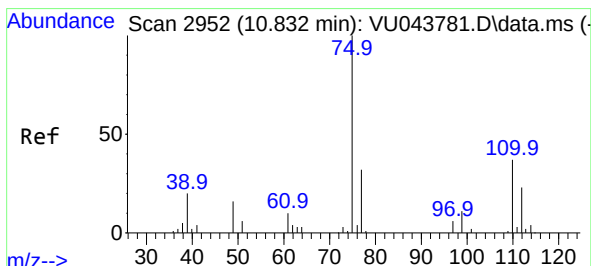
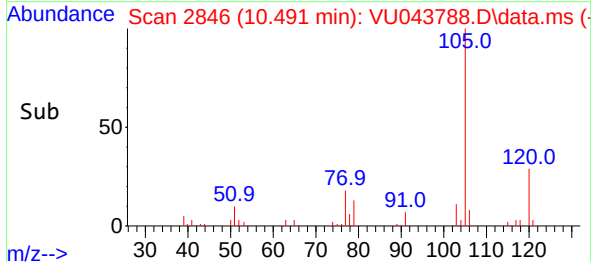
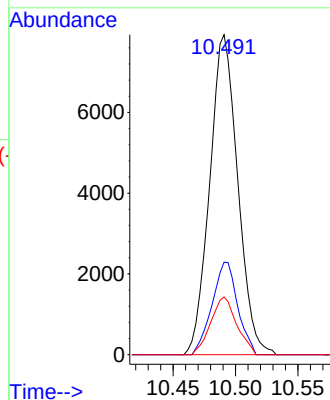
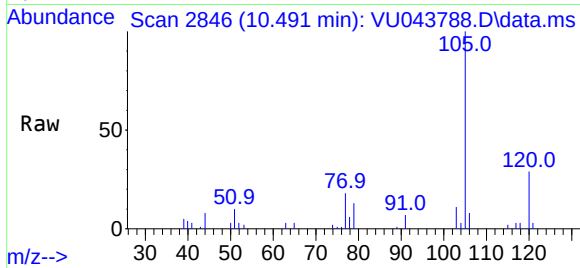




#60
Isopropylbenzene
Concen: 0.20 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

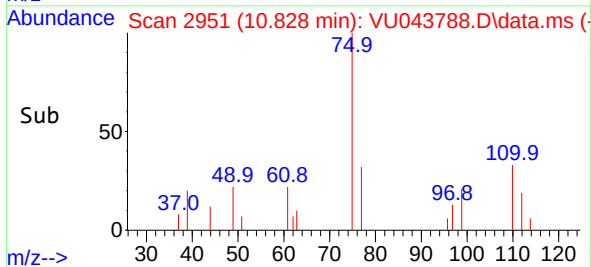
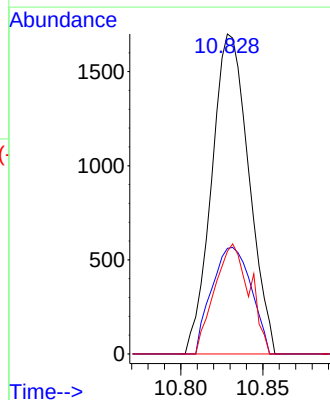
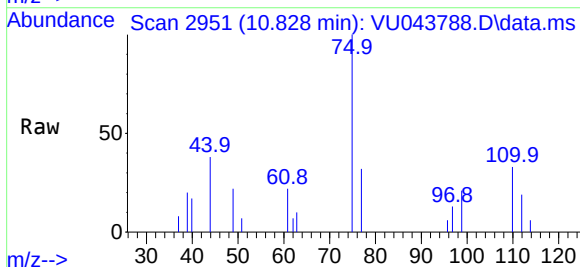
Instrument :
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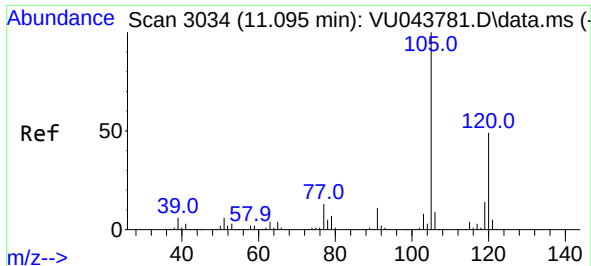
Tgt Ion:	105	Resp:	12407
Ion Ratio	Lower	Upper	
105	100		
120	26.4	21.3	31.9
77	16.7	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 0.25 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion:	75	Resp:	2671
Ion Ratio	Lower	Upper	
75	100		
110	35.4	27.9	41.9
77	32.6	25.9	38.9

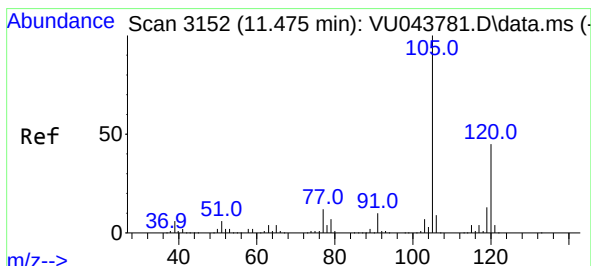
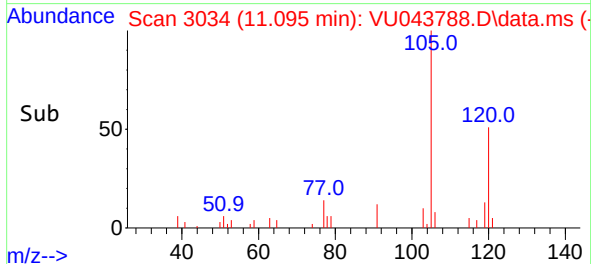
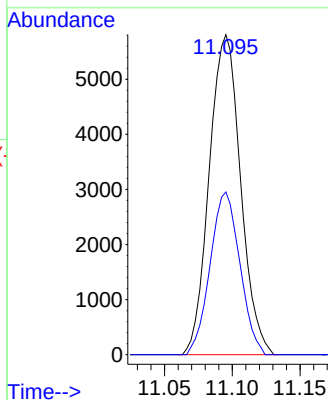
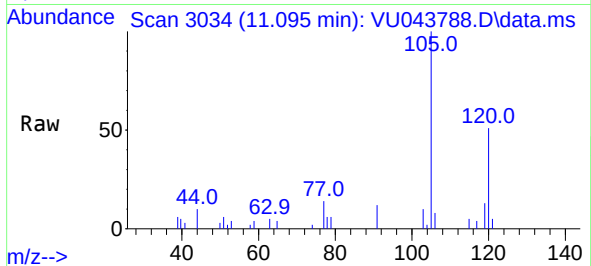




#62
1,3,5-Trimethylbenzene
Concen: 0.19 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

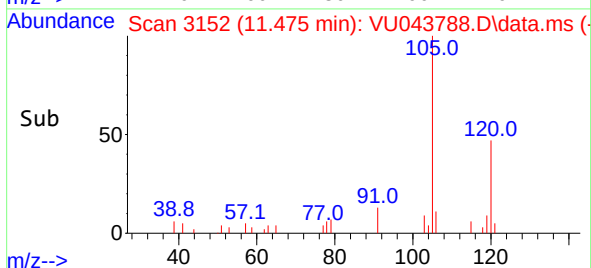
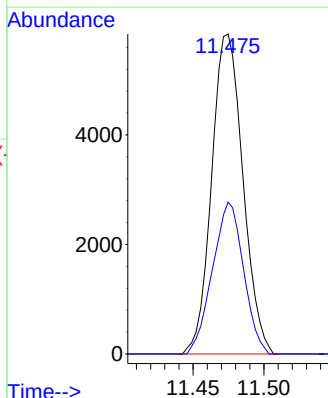
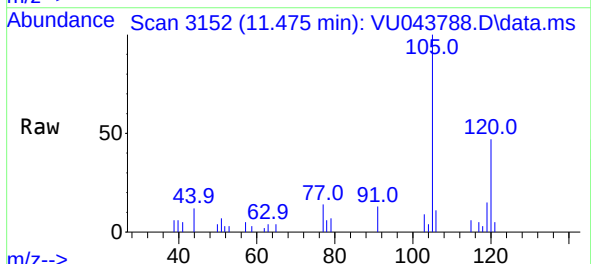
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

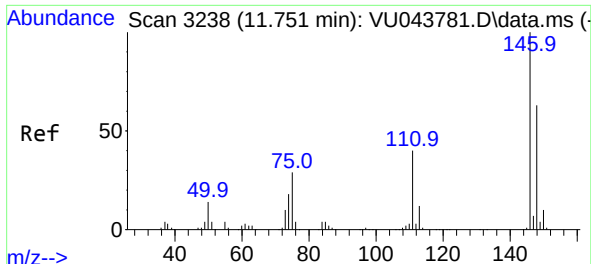
Tgt Ion:105 Resp: 9344
Ion Ratio Lower Upper
105 100
120 48.1 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 0.18 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion:105 Resp: 8967
Ion Ratio Lower Upper
105 100
120 47.0 36.0 54.0

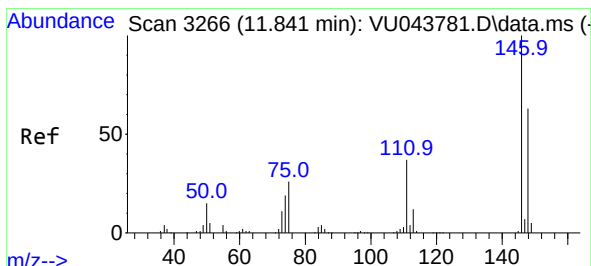
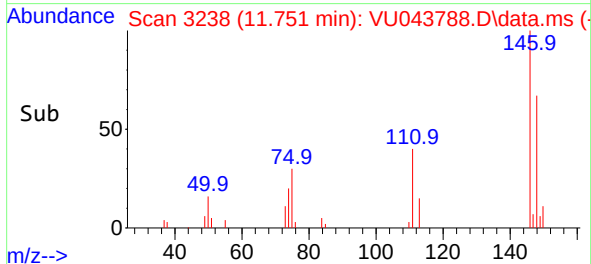
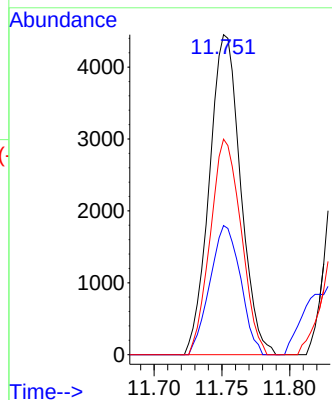
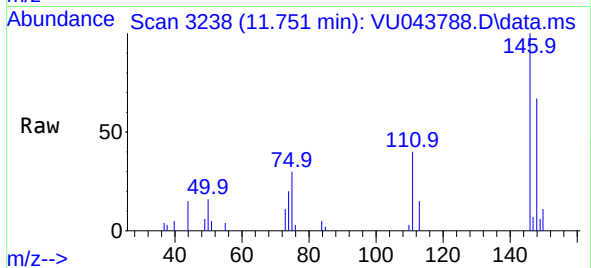




#64
1,3-Dichlorobenzene
Concen: 0.22 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

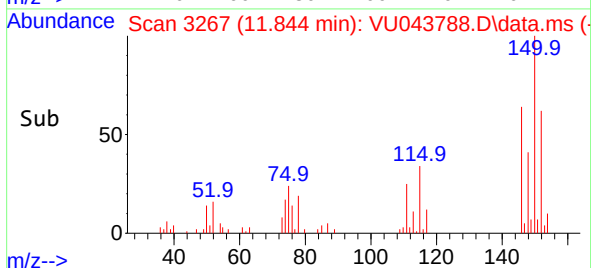
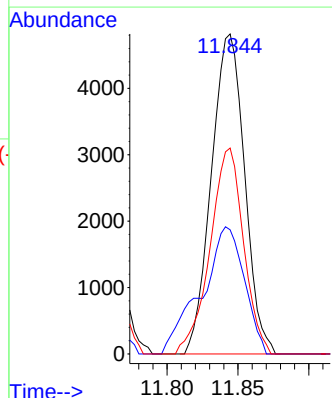
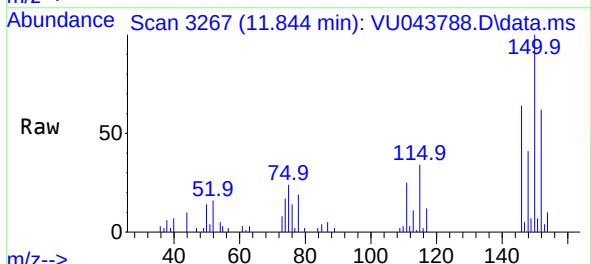
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

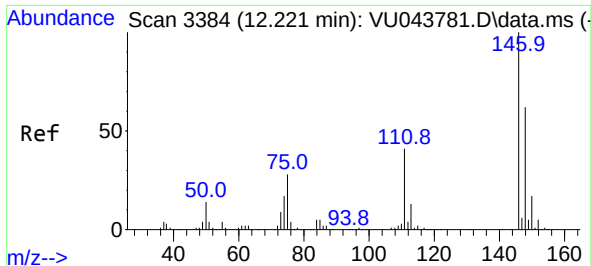
Tgt Ion:146 Resp: 7123
Ion Ratio Lower Upper
146 100
111 40.4 28.1 52.1
148 67.4 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 0.25 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion:146 Resp: 7866
Ion Ratio Lower Upper
146 100
111 38.8 27.0 50.2
148 64.3 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 0.27 ug/L

RT: 12.221 min Scan# 3384

Delta R.T. 0.003 min

Lab File: VU043788.D

Acq: 17 May 2021 13:24

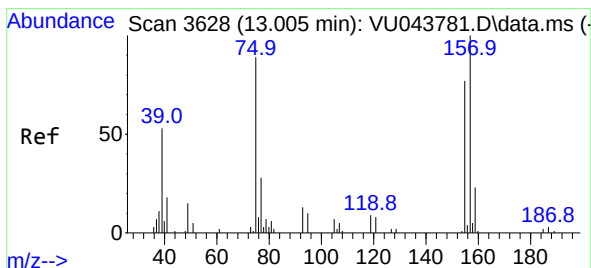
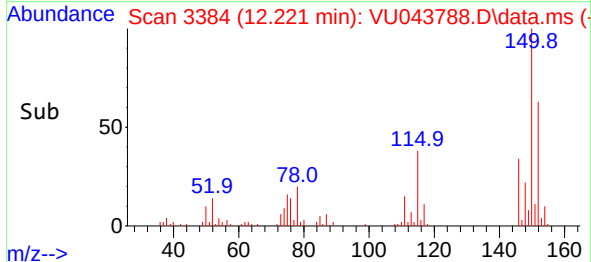
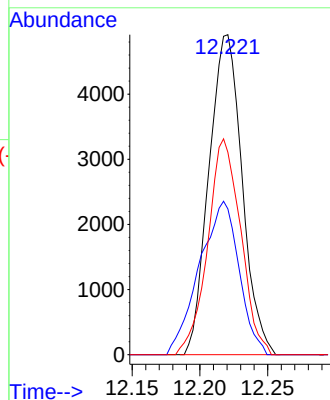
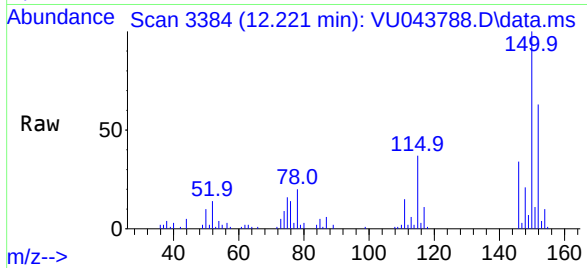
Tgt Ion:146 Resp: 8362

Ion Ratio Lower Upper

146 100

111 45.6 33.6 50.4

148 63.2 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.22 ug/L

RT: 13.005 min Scan# 3628

Delta R.T. 0.003 min

Lab File: VU043788.D

Acq: 17 May 2021 13:24

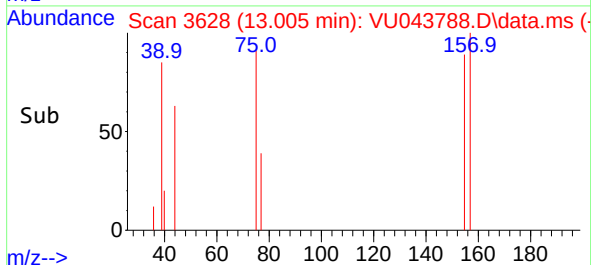
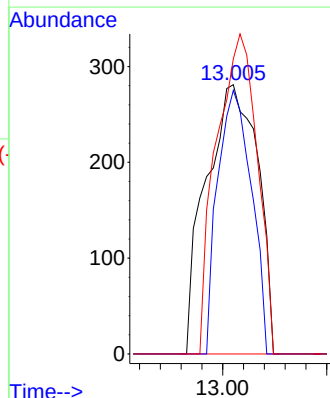
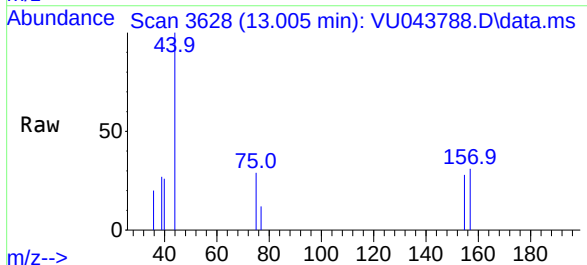
Tgt Ion: 75 Resp: 483

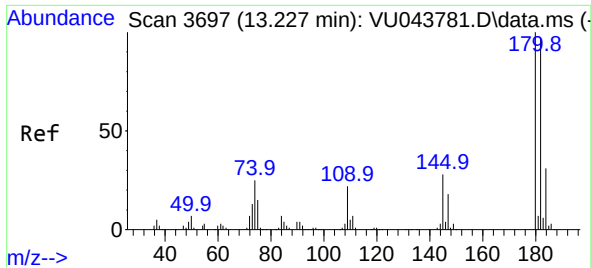
Ion Ratio Lower Upper

75 100

155 97.9 68.7 103.1

157 109.6 87.7 131.5

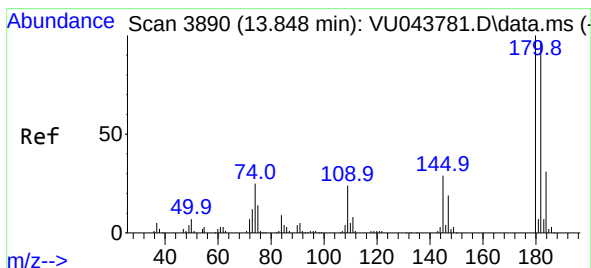
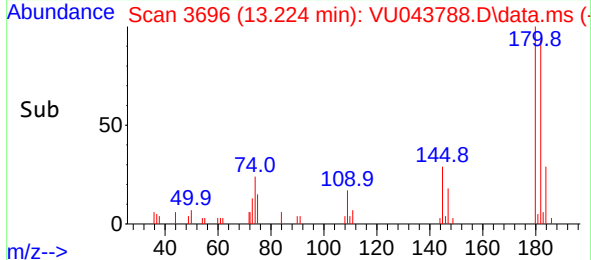
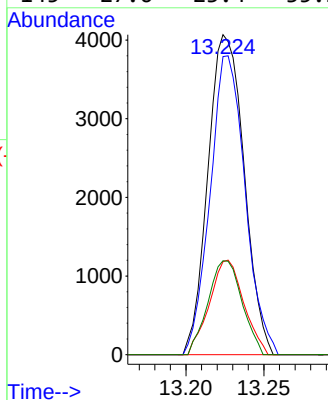
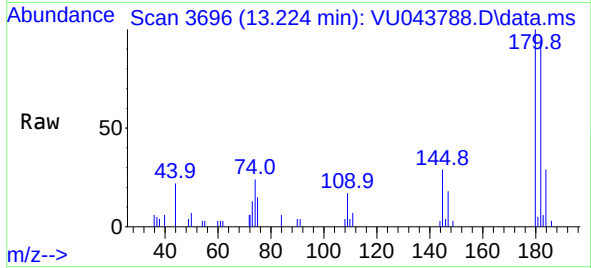




#69
1,3,5-Trichlorobenzene
Concen: 0.26 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

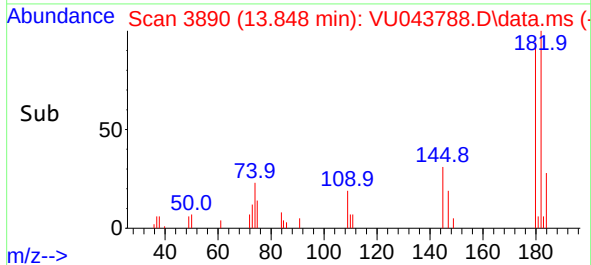
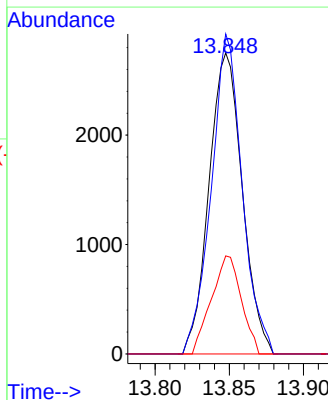
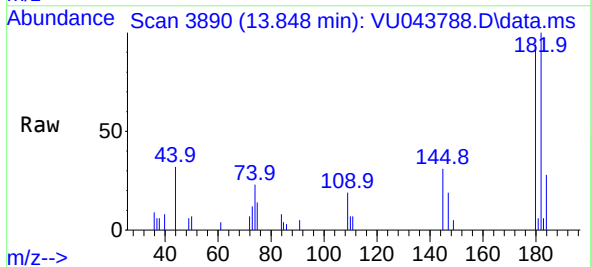
Instrument :
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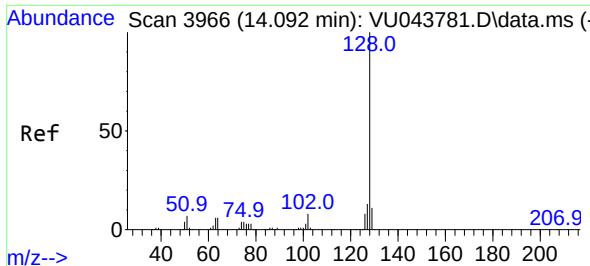
Tgt Ion:	180	Resp:	6561
Ion	Ratio	Lower	Upper
180	100		
182	90.3	78.2	117.2
184	28.0	24.8	37.2
145	27.6	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 0.21 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion:	180	Resp:	4288
Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.9	115.3
145	29.2	23.0	34.4

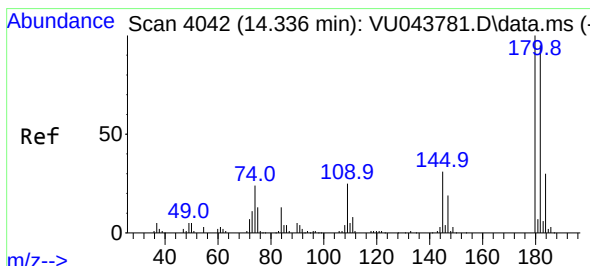
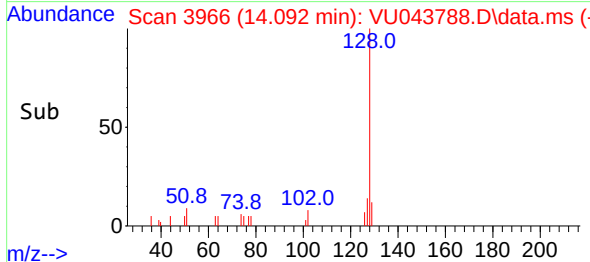
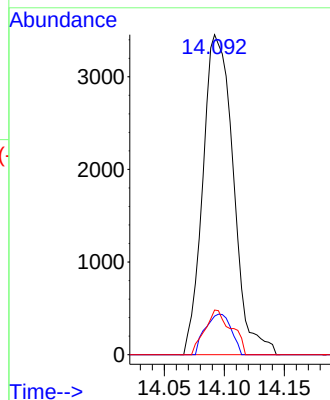
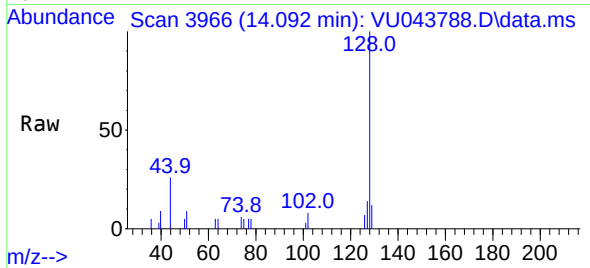




#71
Naphthalene
Concen: 0.17 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

Tgt Ion:	128	Resp:	6104
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.2	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.27 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043788.D
Acq: 17 May 2021 13:24

Tgt Ion:	180	Resp:	5302
Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.0	115.4
145	28.2	24.6	36.8

