

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041998.D
 Acq On : 13 Jan 2021 22:40
 Operator : SY/MD
 Sample : M1065-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

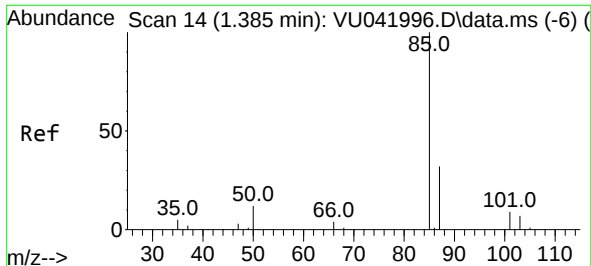
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM9

Quant Time: Jan 15 02:47:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 02:46:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	119372	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43436	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	44711	4.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.20%			
7) Chloroethane-d5	1.919	69	43634	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.40%			
11) 1,1-Dichloroethene-d2	2.578	63	67103	3.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.00%			
20) 2-Butanone-d5	4.655	46	157394	52.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.14%			
24) Chloroform-d	5.080	84	91583	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.716	65	53736	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
32) Benzene-d6	5.742	84	189173	5.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.00%			
36) 1,2-Dichloropropane-d6	6.700	67	57138	5.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.80%			
41) Toluene-d8	7.906	98	130300	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloroprop...	8.186	79	20335	4.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.60%			
46) 2-Hexanone-d5	8.642	63	111466	51.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.12%			
57) 1,1,2,2-Tetrachloroeth...	10.755	84	42724	5.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.00%			
64) 1,2-Dichlorobenzene-d4	12.189	152	44049	5.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	6791	0.62	ug/L	94
9) Trichlorofluoromethane	2.147	101	925293	51.92	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	14993	1.57	ug/L	92
12) 1,1-Dichloroethene	2.588	96	2113	0.23	ug/L #	1
13) Acetone	2.655	43	3750	1.98	ug/L	99
18) trans-1,2-Dichloroethene	3.372	96	1217	0.13	ug/L	88
19) 1,1-Dichloroethane	3.880	63	7687	0.41	ug/L	88
22) cis-1,2-Dichloroethene	4.684	96	339190	34.18	ug/L	94
25) Chloroform	5.105	83	2898	0.16	ug/L	96
31) Carbon tetrachloride	5.536	117	1896	0.15	ug/L	95
34) Trichloroethene	6.552	95	1217854	131.73	ug/L	97
47) Tetrachloroethene	8.555	164	3522	0.59	ug/L	87

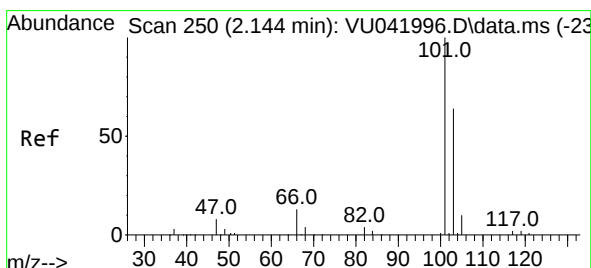
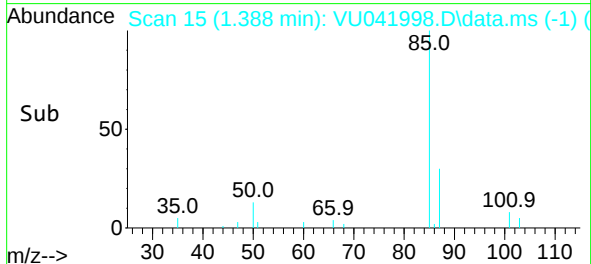
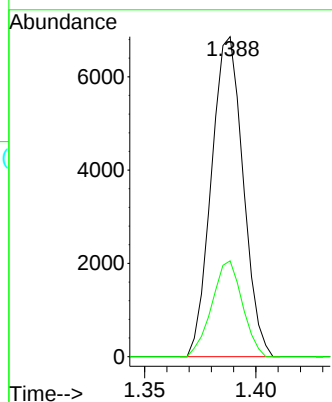
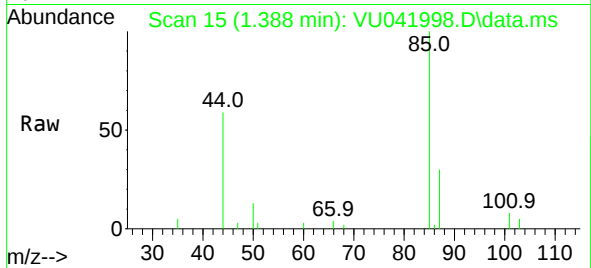
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.62 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

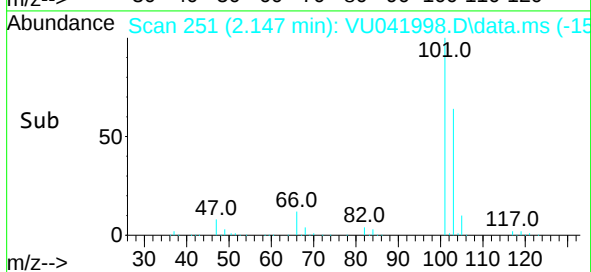
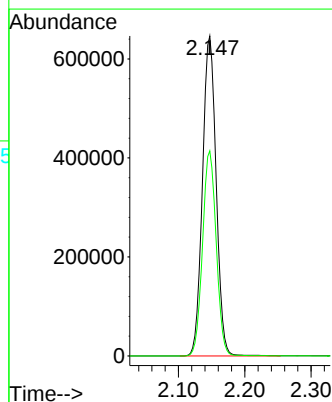
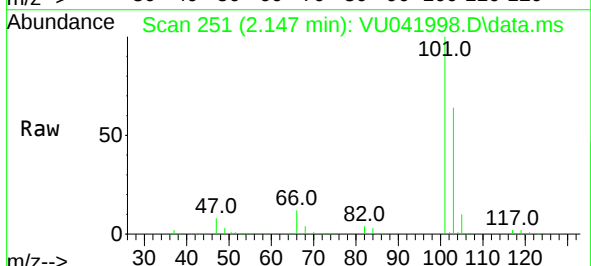
Instrument :
MSVOA_U
ClientSampled :
BFXM9

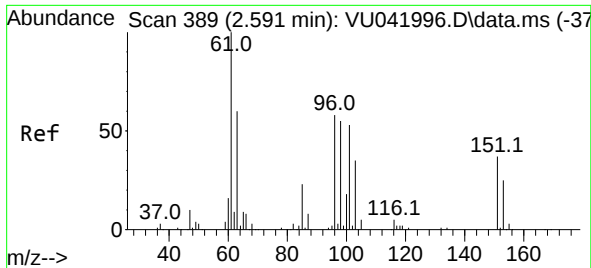
Tgt Ion: 85 Resp: 6791
Ion Ratio Lower Upper
85 100
87 28.8 25.7 38.5



#9
Trichlorofluoromethane
Concen: 51.92 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

Tgt Ion:101 Resp: 925293
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

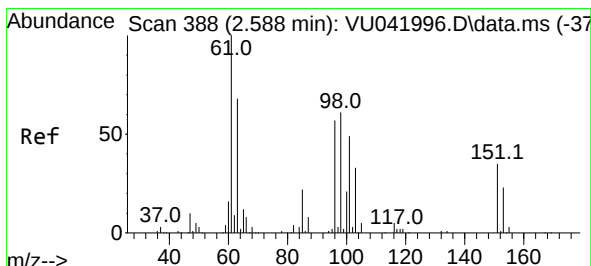
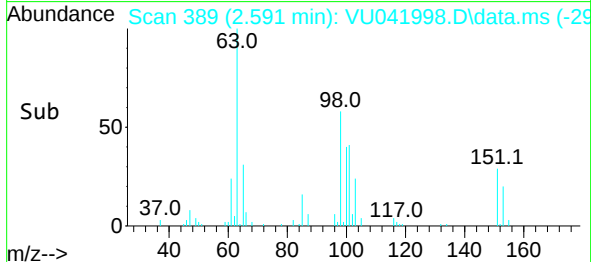
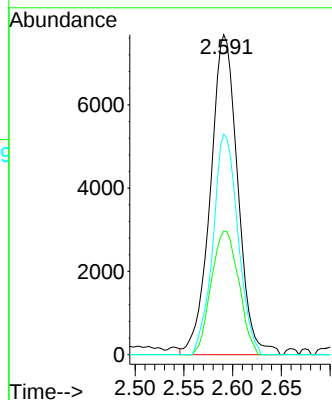
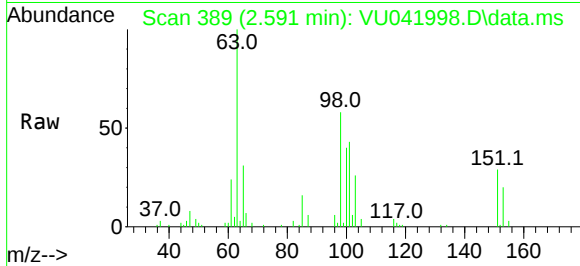




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.57 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU041998.D
 Acq: 13 Jan 2021 22:40

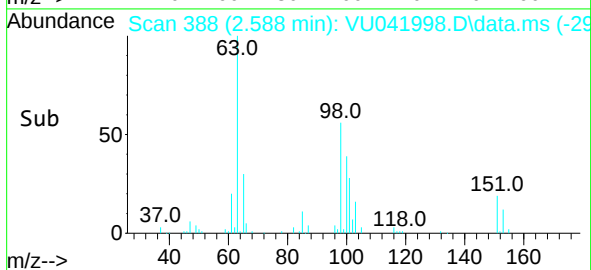
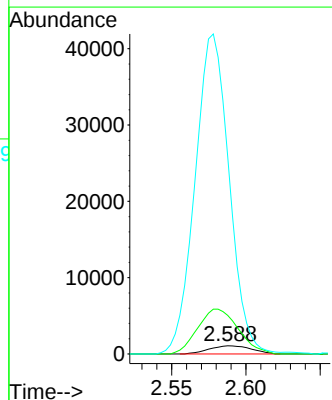
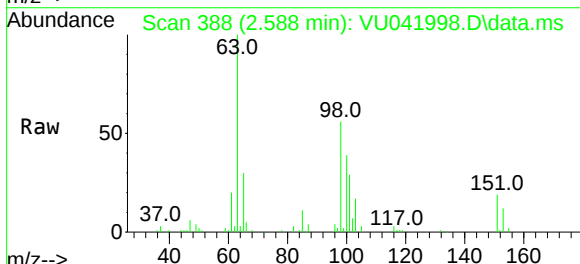
Instrument :
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 ClientSampled :
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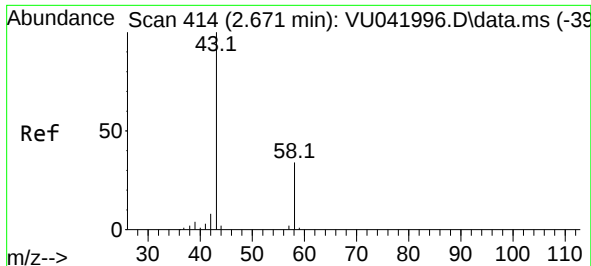
Tgt Ion:	101	Resp:	14993
Ion	Ratio	Lower	Upper
101	100		
85	38.7	35.9	53.9
151	63.0	55.4	83.2



#12
 1,1-Dichloroethene
 Concen: 0.23 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU041998.D
 Acq: 13 Jan 2021 22:40

Tgt Ion:	96	Resp:	2113
Ion	Ratio	Lower	Upper
96	100		
61	469.0	122.2	226.9#
63	2398.5	82.8	153.8#

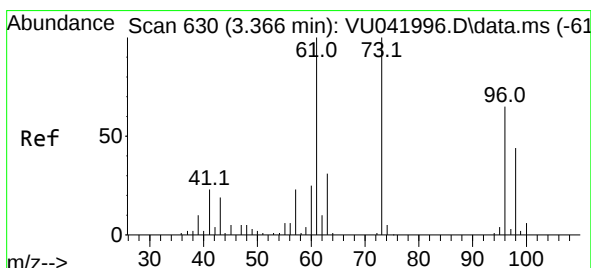
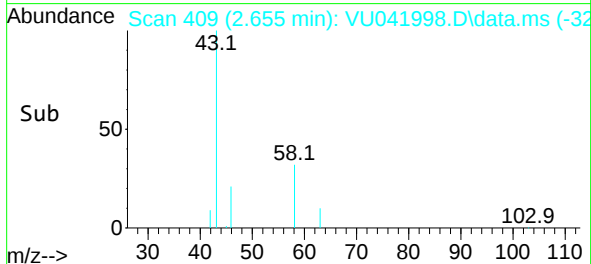
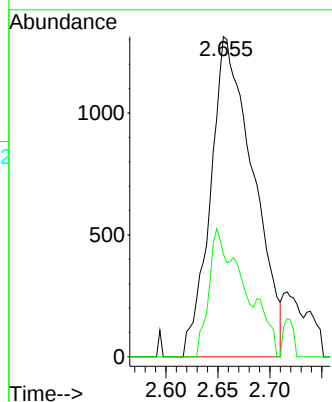
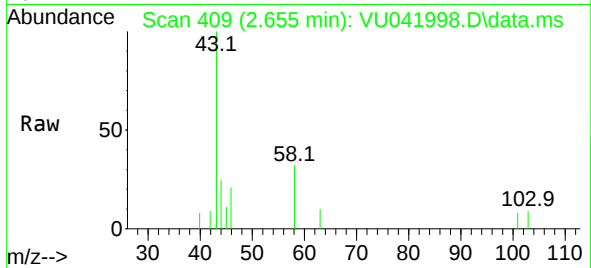




#13
Acetone
Concen: 1.98 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.016 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

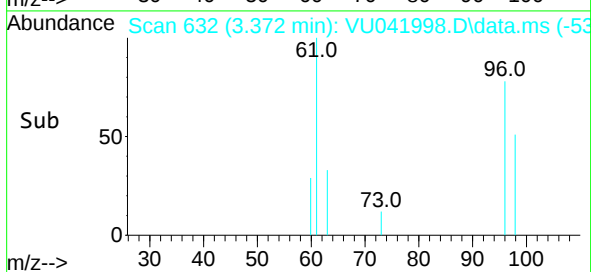
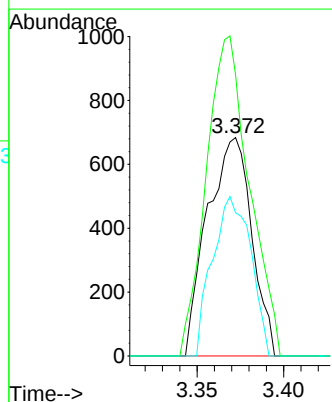
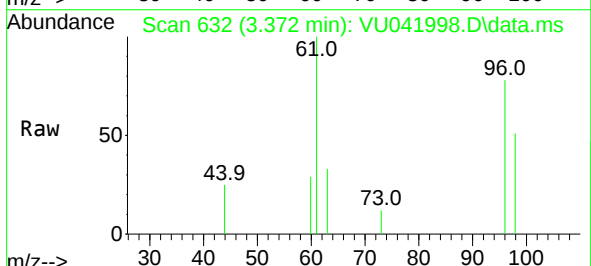
Instrument :
MSVOA_U
ClientSampled :
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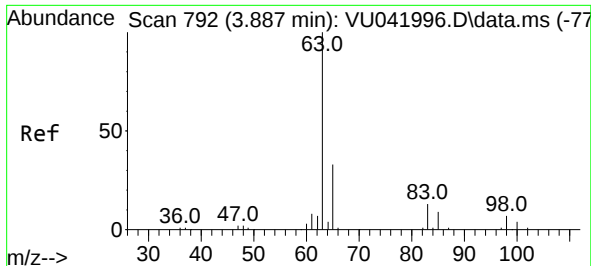
Tgt Ion: 43 Resp: 3750
Ion Ratio Lower Upper
43 100
58 28.2 0.0 57.4



#18
trans-1,2-Dichloroethene
Concen: 0.13 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.006 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

Tgt Ion: 96 Resp: 1217
Ion Ratio Lower Upper
96 100
61 128.8 103.2 191.6
98 65.6 43.8 81.3





#19

1,1-Dichloroethane

Concen: 0.41 ug/L

RT: 3.880 min Scan# 790

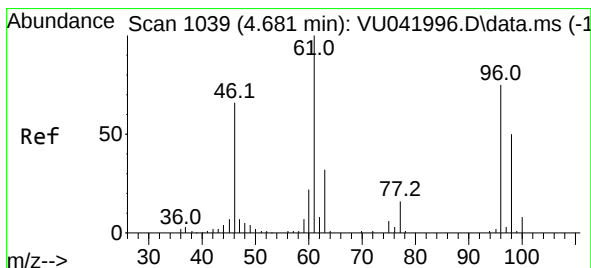
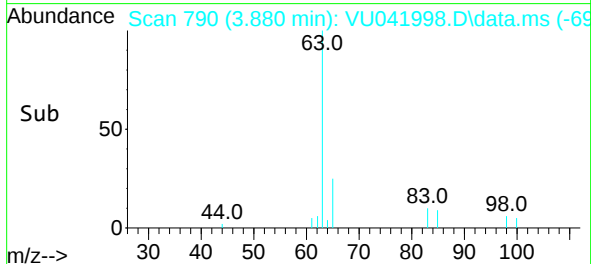
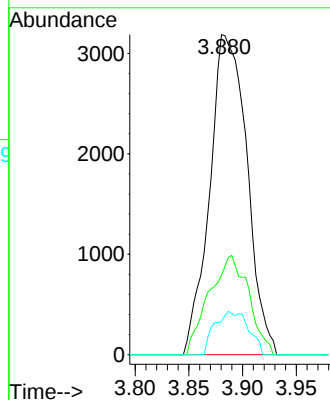
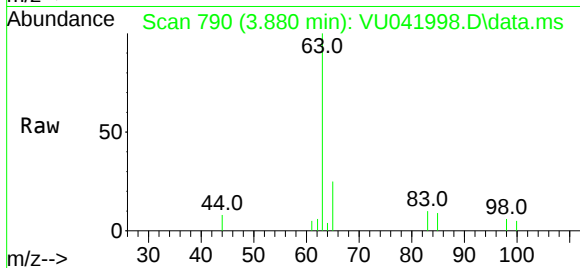
Delta R.T. -0.006 min

Lab File: VU041998.D

Acq: 13 Jan 2021 22:40

Tgt Ion: 63 Resp: 7687

Ion	Ratio	Lower	Upper
63	100		
65	24.8	22.7	42.1
83	10.4	9.4	17.6



#22

cis-1,2-Dichloroethene

Concen: 34.18 ug/L

RT: 4.684 min Scan# 1040

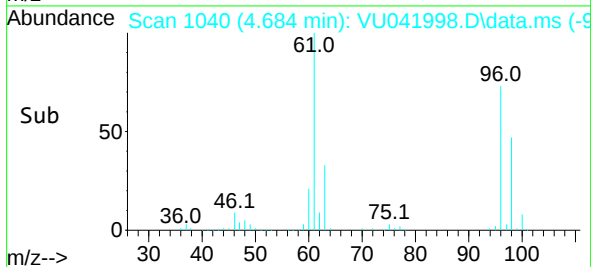
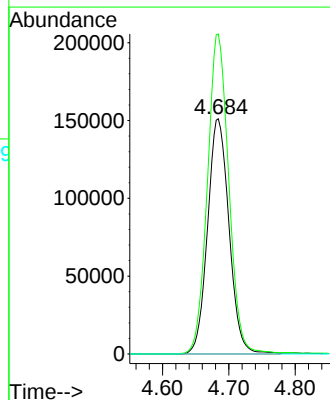
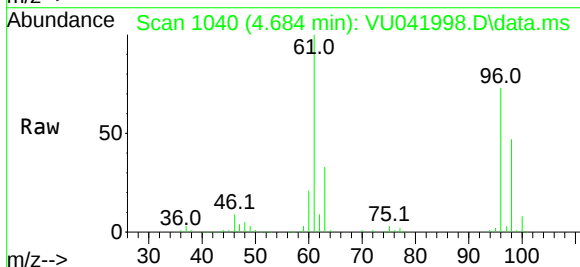
Delta R.T. 0.003 min

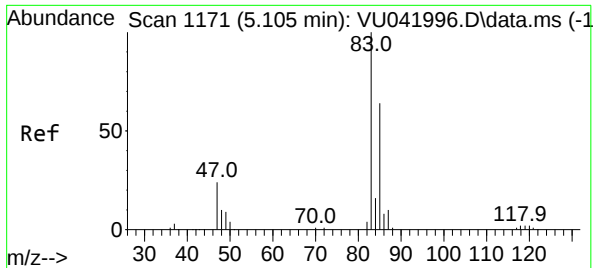
Lab File: VU041998.D

Acq: 13 Jan 2021 22:40

Tgt Ion: 96 Resp: 339190

Ion	Ratio	Lower	Upper
96	100		
61	136.1	100.3	186.3
68	0.0	0.0	0.0

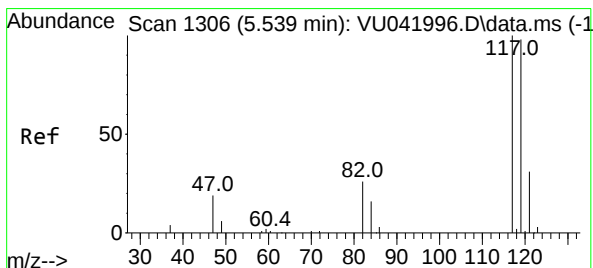
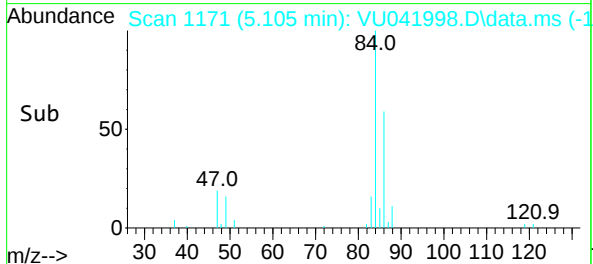
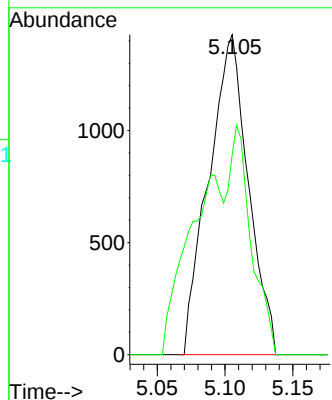
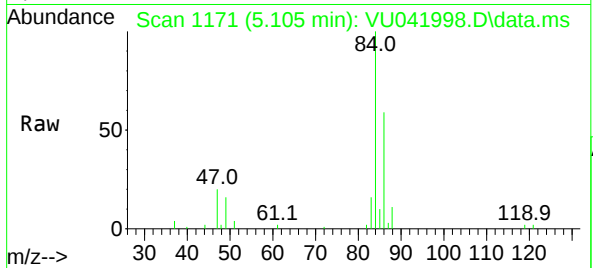




#25
Chloroform
Concen: 0.16 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

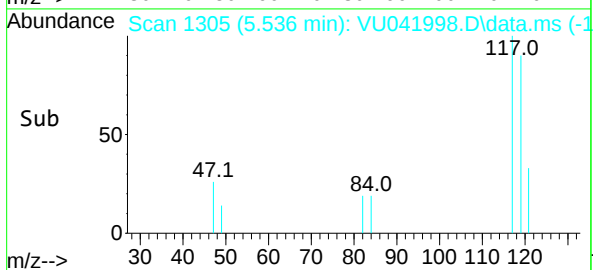
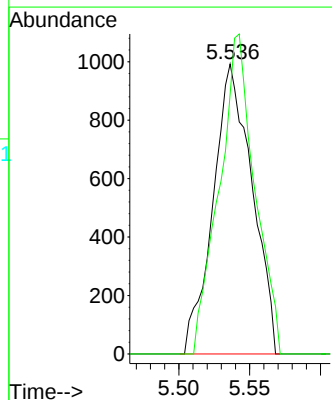
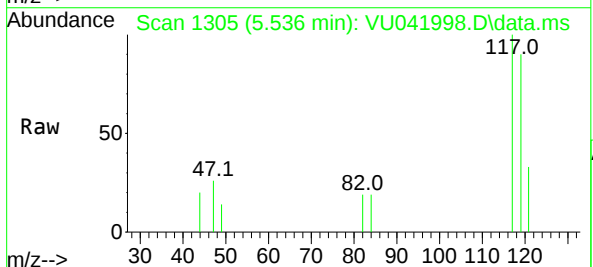
Instrument :
MSVOA_U
ClientSampled :
BFXM9

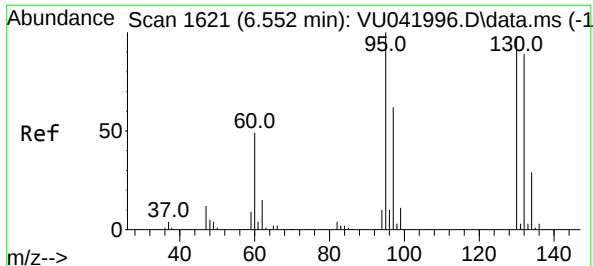
Tgt Ion: 83 Resp: 2898
Ion Ratio Lower Upper
83 100
85 62.5 46.1 85.7



#31
Carbon tetrachloride
Concen: 0.15 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.003 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

Tgt Ion: 117 Resp: 1896
Ion Ratio Lower Upper
117 100
119 100.8 76.6 114.8





#34

Trichloroethene

Concen: 131.73 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VU041998.D

Acq: 13 Jan 2021 22:40

Tgt Ion: 95 Resp: 1217854

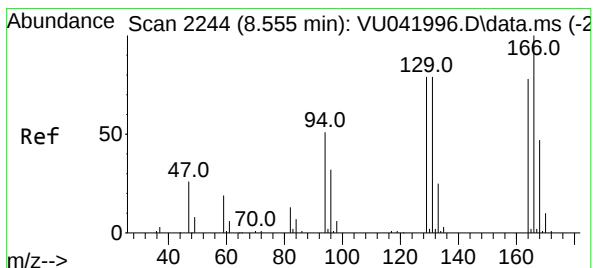
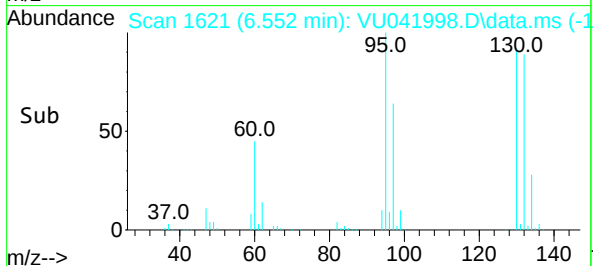
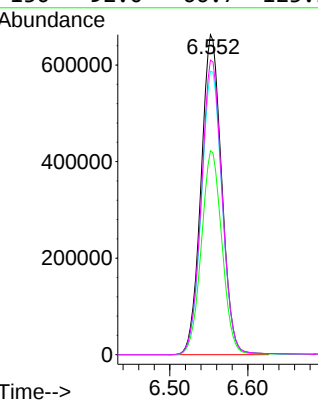
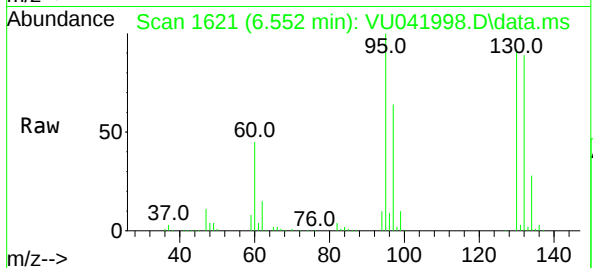
Ion Ratio Lower Upper

95 100

97 63.7 43.6 81.0

132 88.5 64.3 119.3

130 92.0 66.7 123.9



#47

Tetrachloroethene

Concen: 0.59 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU041998.D

Acq: 13 Jan 2021 22:40

Tgt Ion: 164 Resp: 3522

Ion Ratio Lower Upper

164 100

129 96.1 68.7 127.5

131 108.9 65.2 121.0

166 144.2 86.2 160.0

