

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042055.D
 Acq On : 15 Jan 2021 00:49
 Operator : SY/MD
 Sample : M1065-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP6

Quant Time: Jan 15 06:40:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

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

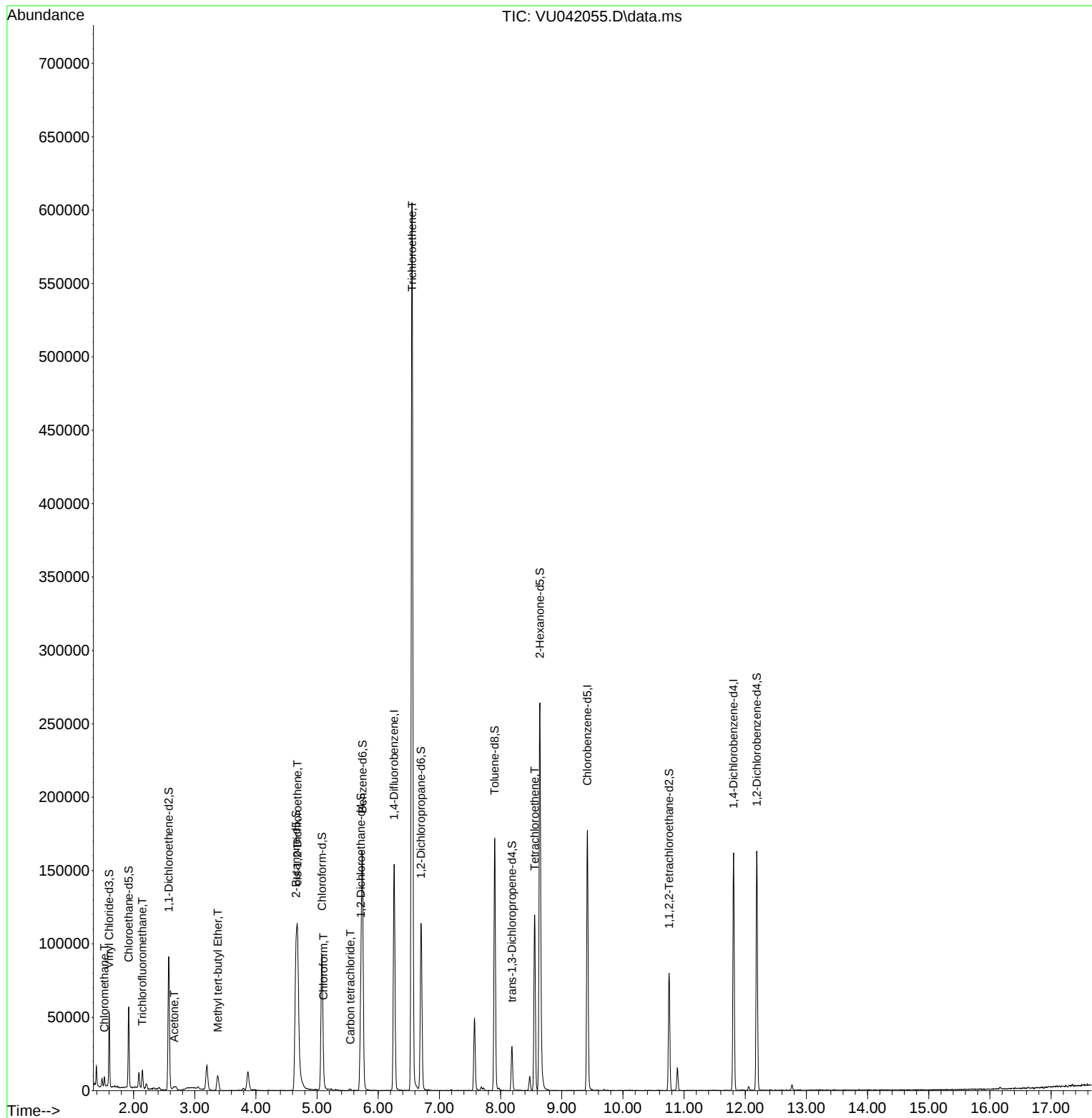
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	125131	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43484	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33111	3.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.20%			
7) Chloroethane-d5	1.919	69	38343	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.80%			
11) 1,1-Dichloroethene-d2	2.575	63	54510	2.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.40%#			
20) 2-Butanone-d5	4.655	46	151924	47.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.88%			
24) Chloroform-d	5.079	84	82895	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
26) 1,2-Dichloroethane-d4	5.716	65	45600	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
32) Benzene-d6	5.742	84	150434	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.700	67	57163	5.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.60%			
41) Toluene-d8	7.902	98	113555	3.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.20%			
43) trans-1,3-Dichloroprop...	8.185	79	17654	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	8.642	63	104362	48.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.26%			
57) 1,1,2,2-Tetrachloroeth...	10.754	84	40690	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	12.188	152	41780	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	4111	0.28	ug/L	97
9) Trichlorofluoromethane	2.144	101	7409	0.40	ug/L	99
13) Acetone	2.665	43	2909	1.47	ug/L	87
17) Methyl tert-butyl Ether	3.379	73	10895	0.42	ug/L	97
22) cis-1,2-Dichloroethene	4.681	96	26038	2.50	ug/L	94
25) Chloroform	5.102	83	2818	0.14	ug/L	96
31) Carbon tetrachloride	5.546	117	677	0.05	ug/L #	74
34) Trichloroethene	6.552	95	217778	23.72	ug/L	98
47) Tetrachloroethene	8.555	164	26789	4.50	ug/L	98

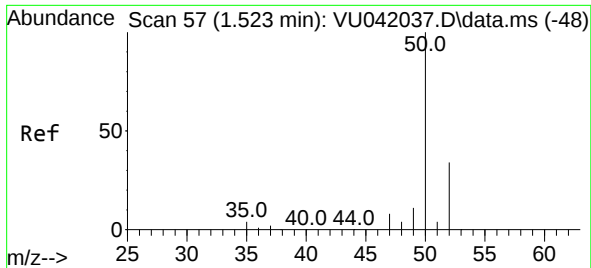
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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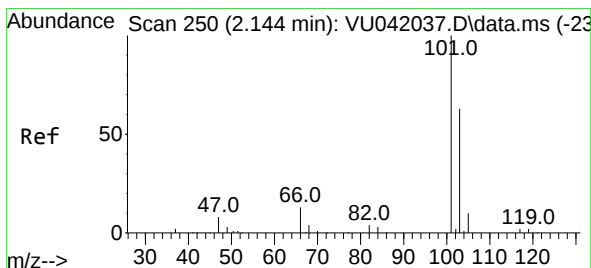
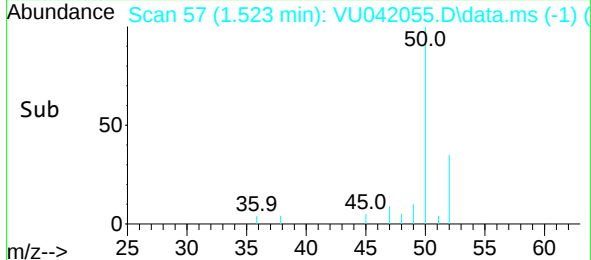
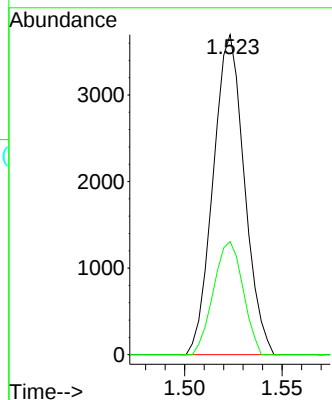
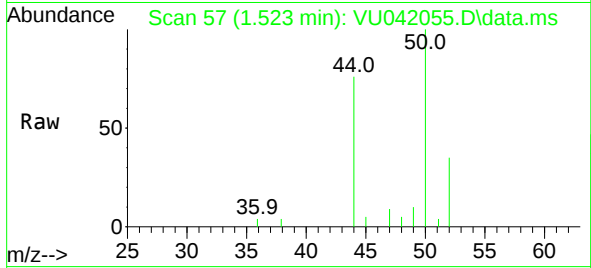




#3
Chloromethane
Concen: 0.28 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042055.D
Acq: 15 Jan 2021 00:49

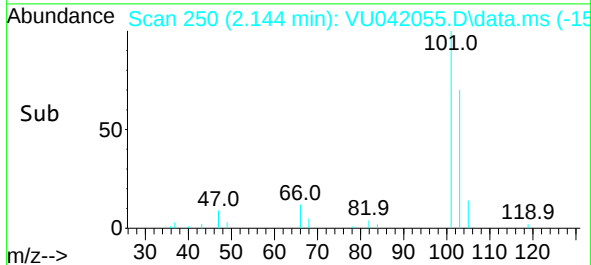
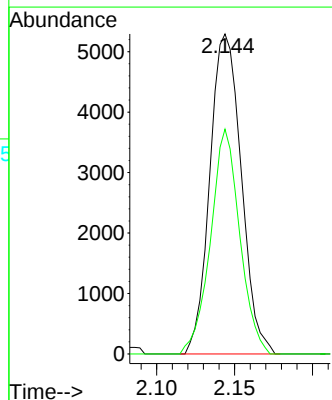
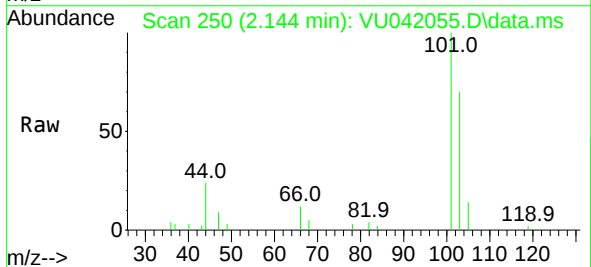
Instrument :
MSVOA_U
ClientSampled :
BFXP6

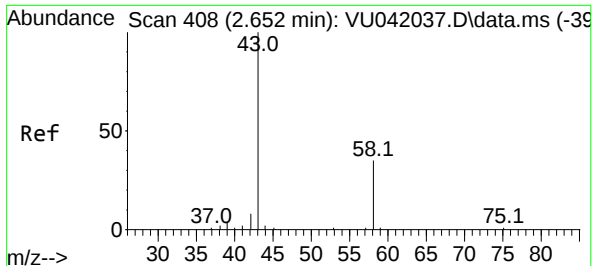
Tgt Ion: 50 Resp: 4111
Ion Ratio Lower Upper
50 100
52 35.4 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.40 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042055.D
Acq: 15 Jan 2021 00:49

Tgt Ion: 101 Resp: 7409
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

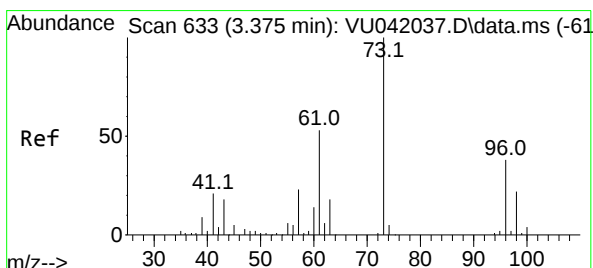
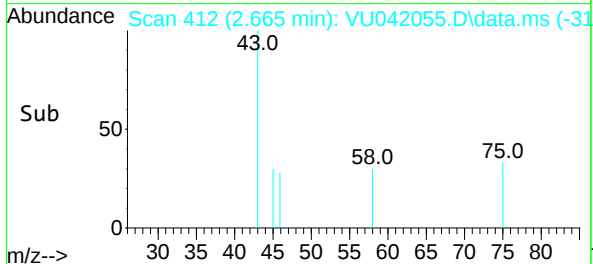
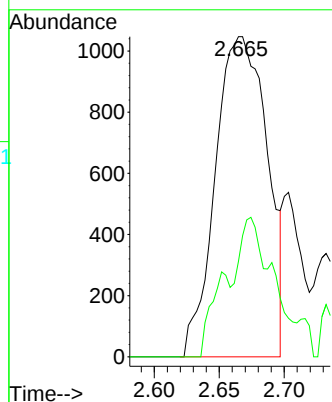
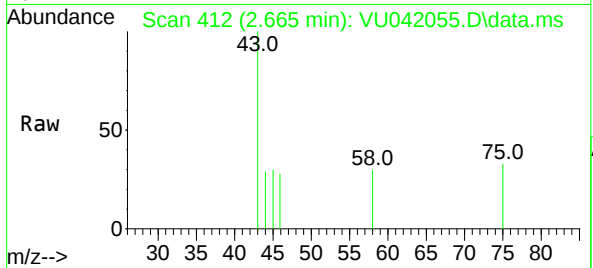




#13
Acetone
Concen: 1.47 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU042055.D
Acq: 15 Jan 2021 00:49

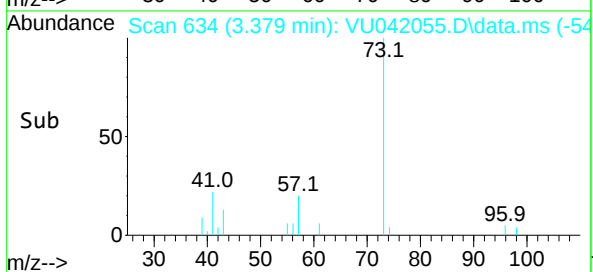
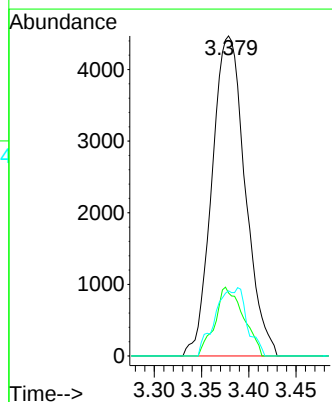
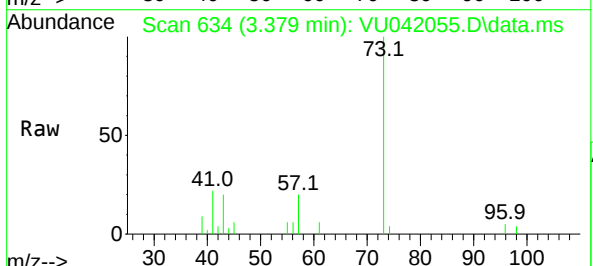
Instrument :
MSVOA_U
ClientSampleId :
BFXP6

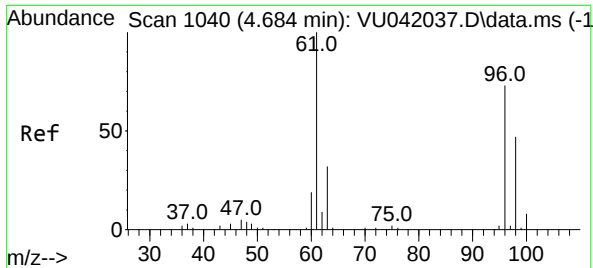
Tgt Ion: 43 Resp: 2909
Ion Ratio Lower Upper
43 100
58 21.8 0.0 57.4



#17
Methyl tert-butyl Ether
Concen: 0.42 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU042055.D
Acq: 15 Jan 2021 00:49

Tgt Ion: 73 Resp: 10895
Ion Ratio Lower Upper
73 100
43 18.3 15.1 22.7
57 20.2 18.0 27.0

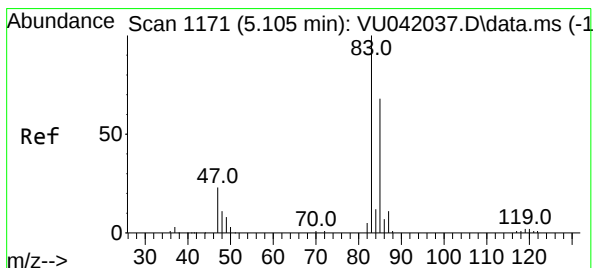
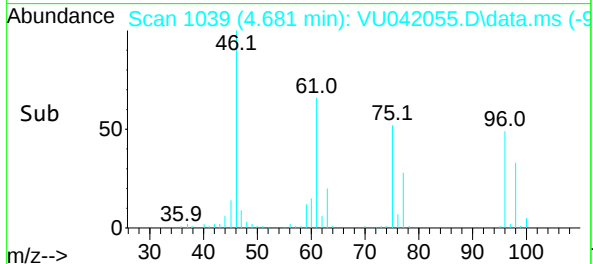
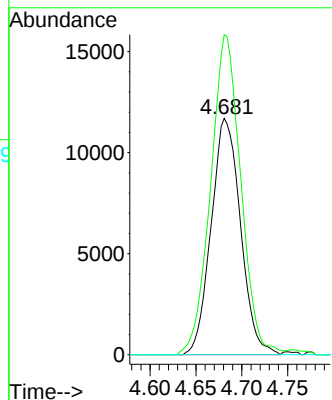
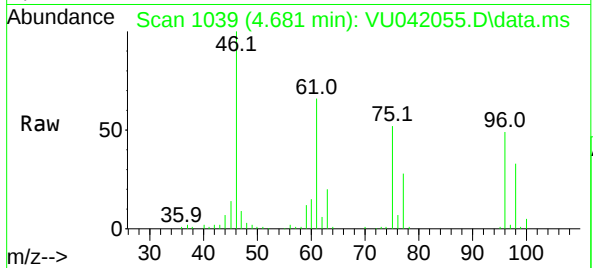




#22
cis-1,2-Dichloroethene
Concen: 2.50 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.003 min
Lab File: VU042055.D
Acq: 15 Jan 2021 00:49

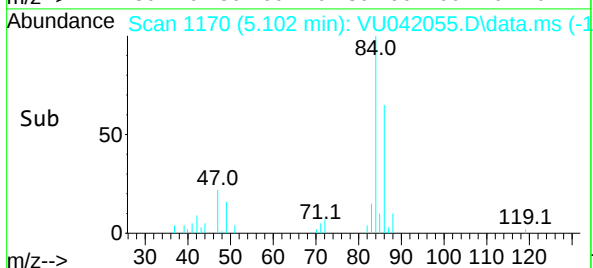
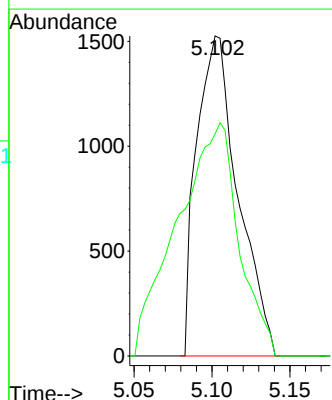
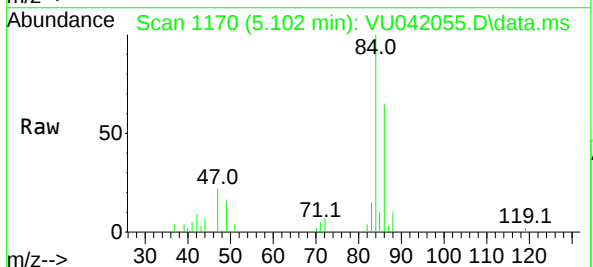
Instrument :
MSVOA_U
ClientSampleId :
BFXP6

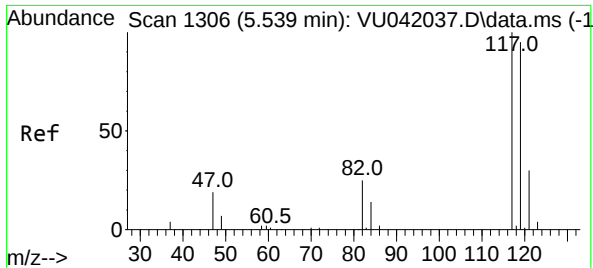
Tgt Ion: 96 Resp: 26038
Ion Ratio Lower Upper
96 100
61 135.5 100.3 186.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.14 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU042055.D
Acq: 15 Jan 2021 00:49

Tgt Ion: 83 Resp: 2818
Ion Ratio Lower Upper
83 100
85 69.4 46.1 85.7

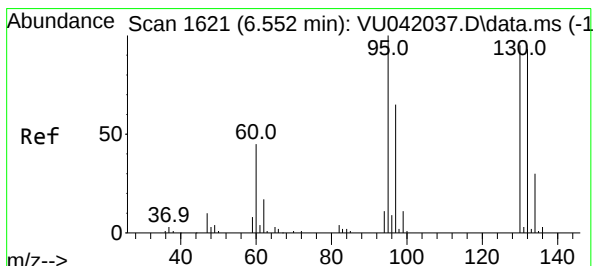
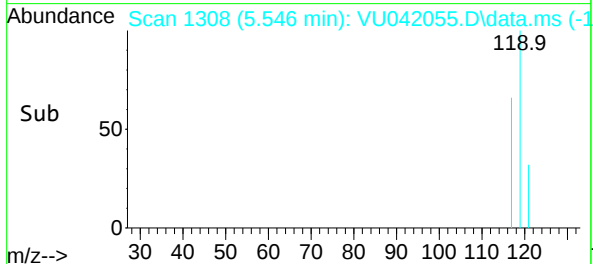
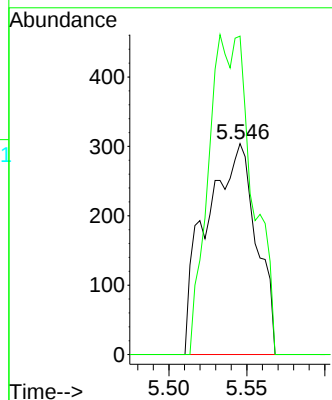
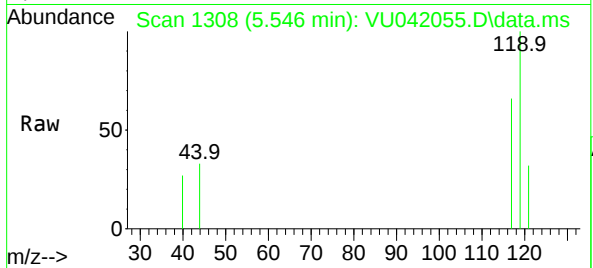




#31
Carbon tetrachloride
Concen: 0.05 ug/L
RT: 5.546 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VU042055.D
Acq: 15 Jan 2021 00:49

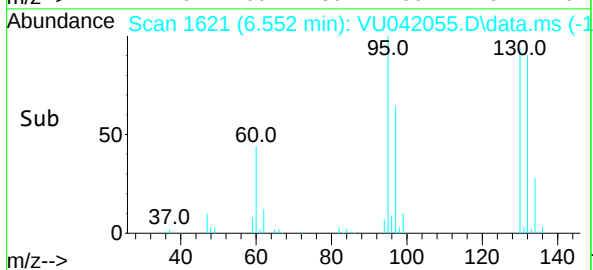
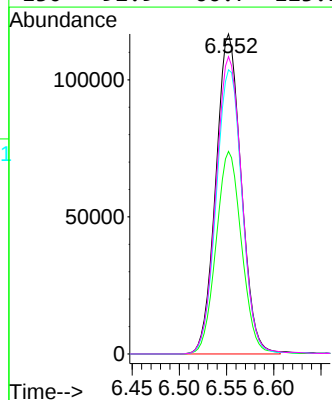
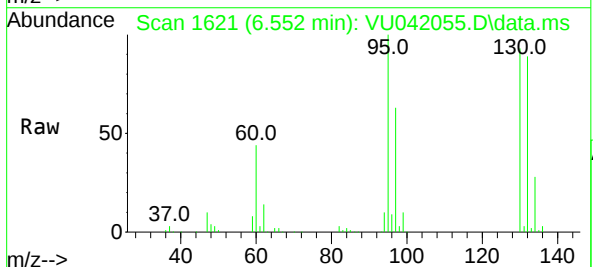
Instrument :
MSVOA_U
ClientSampled :
BFXP6

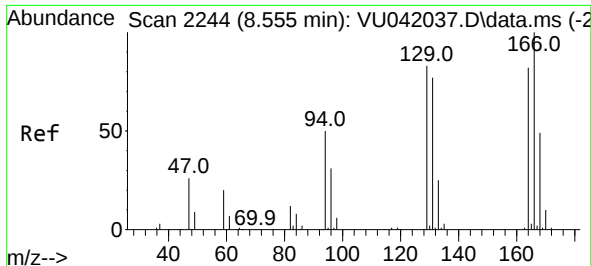
Tgt Ion:117 Resp: 677
Ion Ratio Lower Upper
117 100
119 69.9 76.6 114.8#



#34
Trichloroethene
Concen: 23.72 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042055.D
Acq: 15 Jan 2021 00:49

Tgt Ion: 95 Resp: 217778
Ion Ratio Lower Upper
95 100
97 63.3 43.6 81.0
132 88.8 64.3 119.3
130 92.9 66.7 123.9





#47

Tetrachloroethene

Concen: 4.50 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU042055.D

Acq: 15 Jan 2021 00:49

Tgt Ion:164 Resp: 26789

Ion Ratio Lower Upper

164 100

129 100.2 68.7 127.5

131 96.3 65.2 121.0

166 125.2 86.2 160.0

