

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041711.D
 Acq On : 21 Dec 2020 19:29
 Operator : SY/MD
 Sample : L5162-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB248

Quant Time: Dec 22 05:57:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 02:49:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135710	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126720	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36503	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.92	69	38292	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.58	63	54452	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.65	46	173010	56.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.54%
24) Chloroform-d	5.08	84	84707	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	48739	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.74	84	162707	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.70	67	57765	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.90	98	138904	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.19	79	21886	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.64	63	154252	55.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53552	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	55579	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

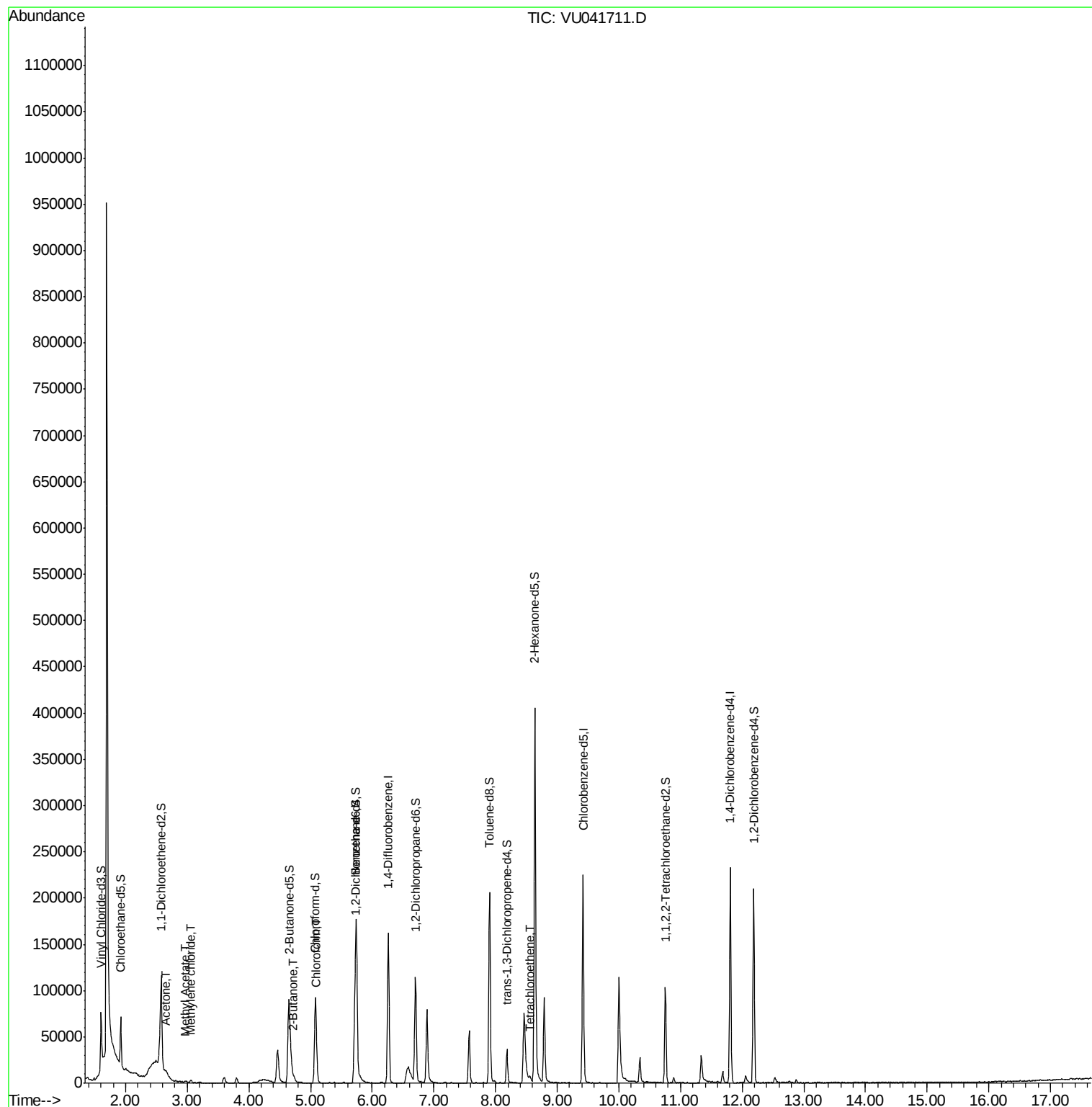
					Ovalue
13) Acetone	2.65	43	11571	5.969 ug/L	82
15) Methyl Acetate	2.97	43	2175	0.432 ug/L #	89
16) Methylene chloride	3.06	84	1611	0.147 ug/L	95
21) 2-Butanone	4.73	43	3173	1.005 ug/L	98
25) Chloroform	5.11	83	5799	0.324 ug/L	80
47) Tetrachloroethene	8.56	164	1038	0.146 ug/L	86

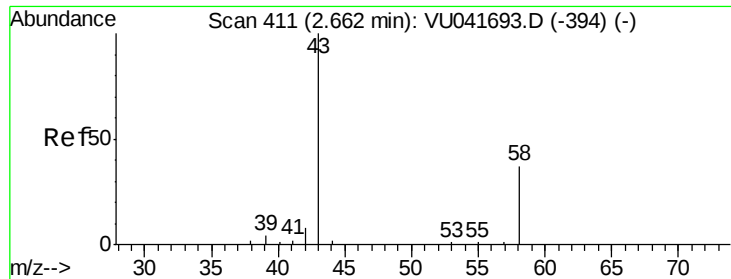
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.969 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: VU041711.D

Acq: 21 Dec 2020 19:29

Instrument :

MSVOA_U

ClientSampleId :

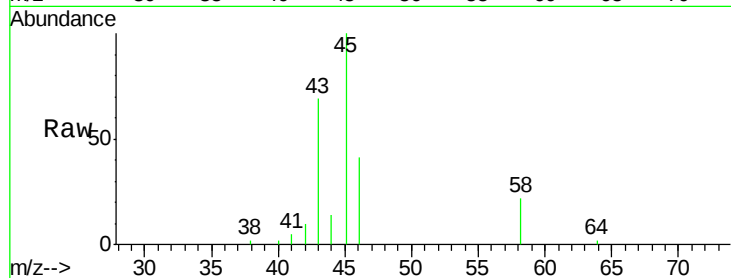
GB248

Tot Ion: 43 Resp: 11571

Ion Ratio Lower Upper

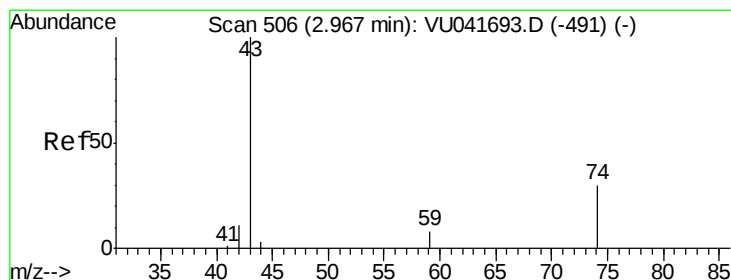
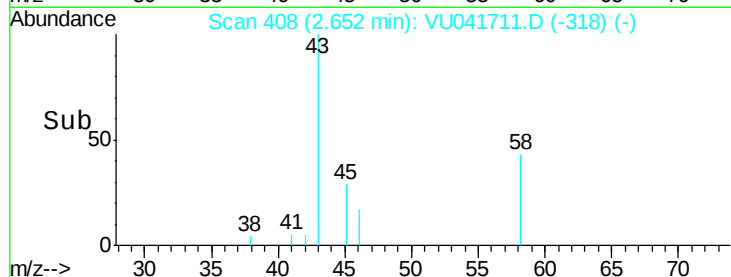
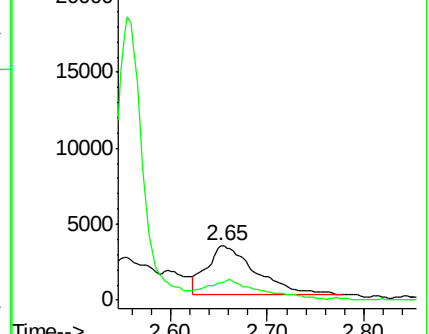
43 100

58 47.2 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 0.432 ug/L

RT: 2.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: VU041711.D

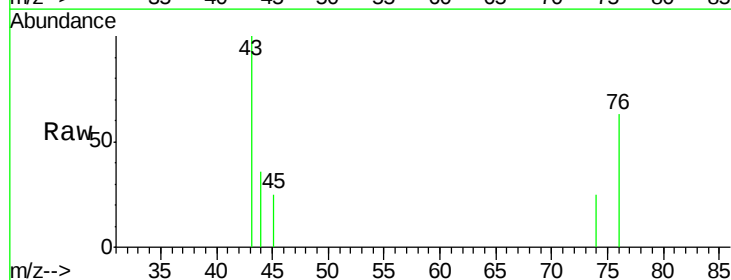
Acq: 21 Dec 2020 19:29

Tgt Ion: 43 Resp: 2175

Ion Ratio Lower Upper

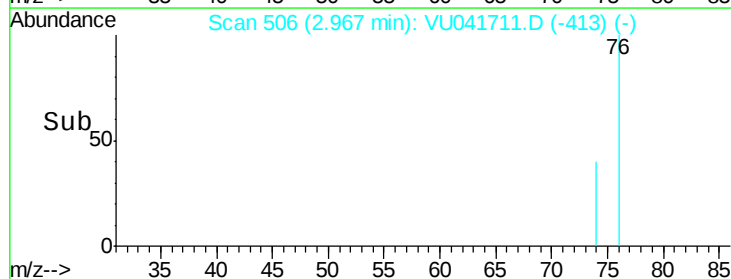
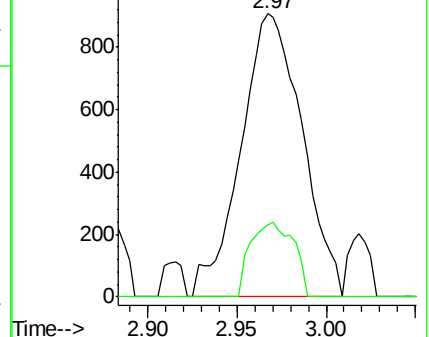
43 100

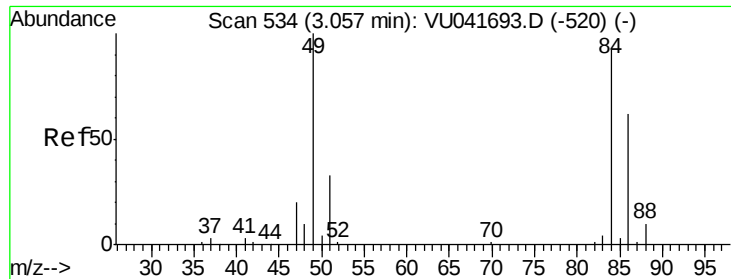
74 18.6 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

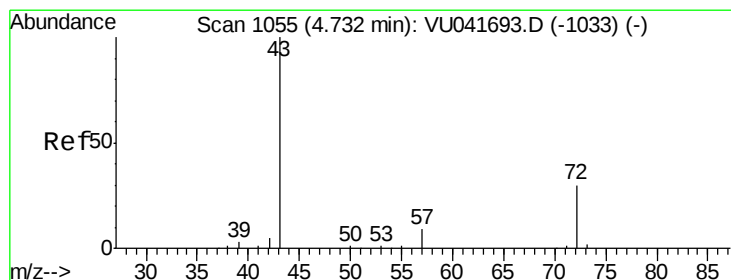
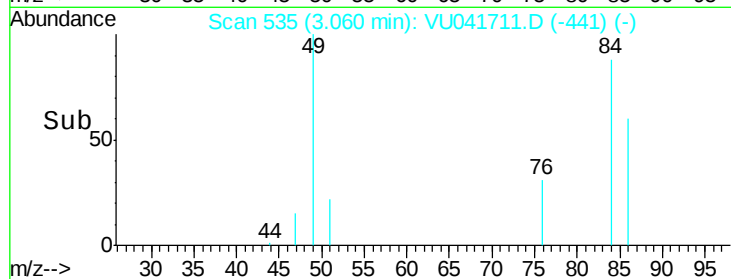
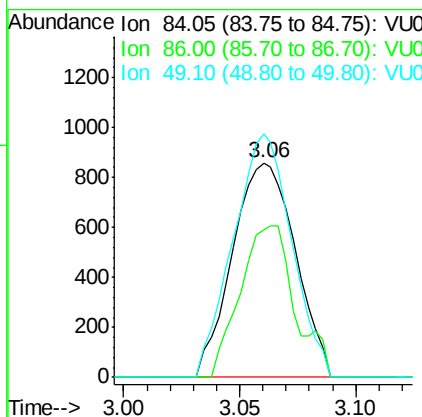
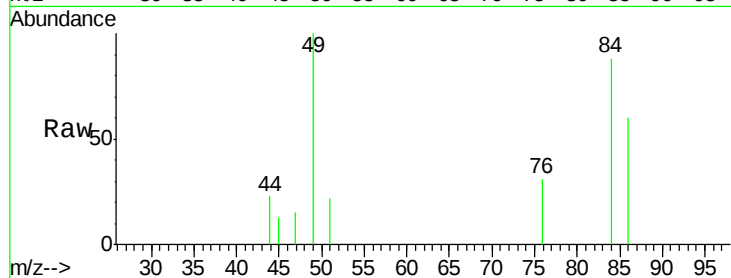




#16
Methvlene chloride
Concen: 0.147 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041711.D
Acq: 21 Dec 2020 19:29

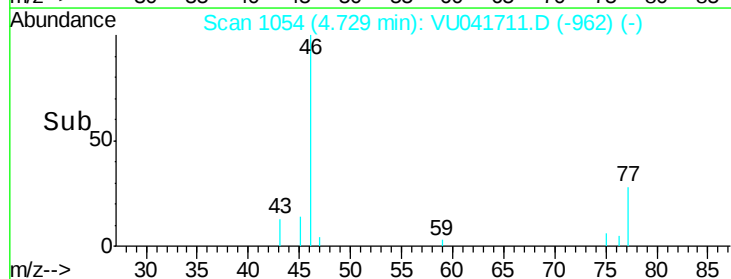
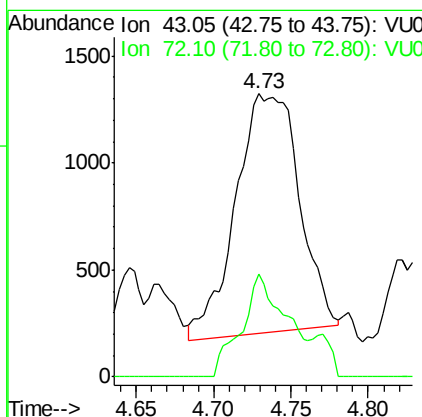
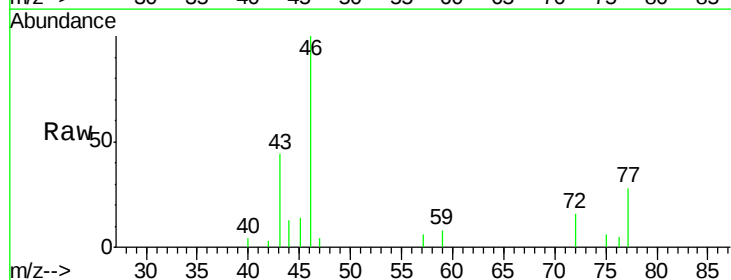
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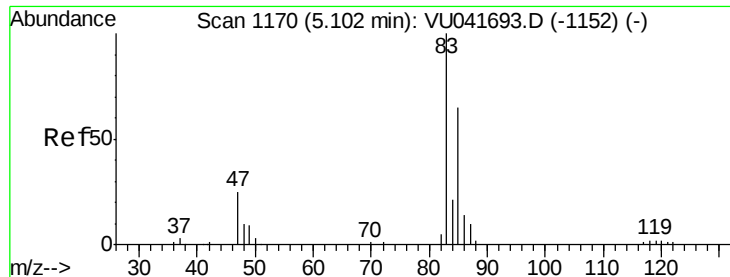
Tot Ion: 84 Resp: 1611
Ion Ratio Lower Upper
84 100
86 68.6 45.1 83.7
49 113.6 83.1 154.3



#21
2-Butanone
Concen: 1.005 ug/L
RT: 4.73 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VU041711.D
Acq: 21 Dec 2020 19:29

Tgt Ion: 43 Resp: 3173
Ion Ratio Lower Upper
43 100
72 30.6 14.6 44.0

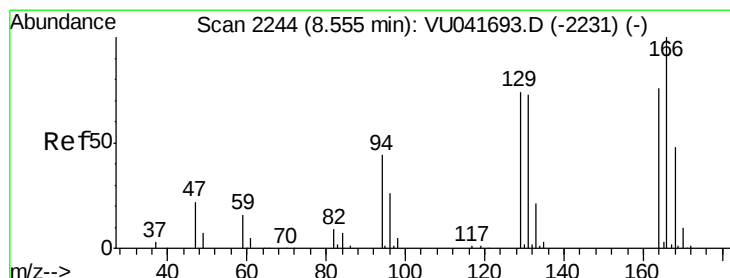
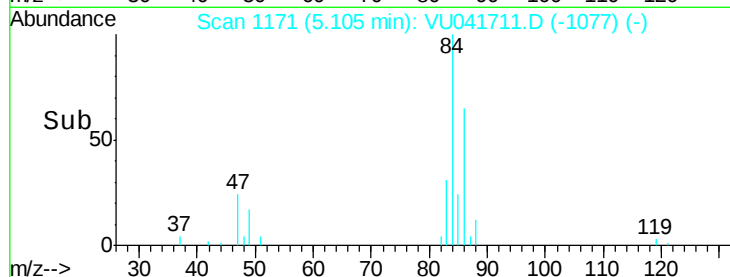
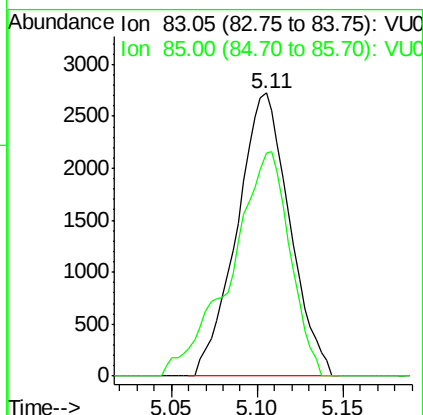
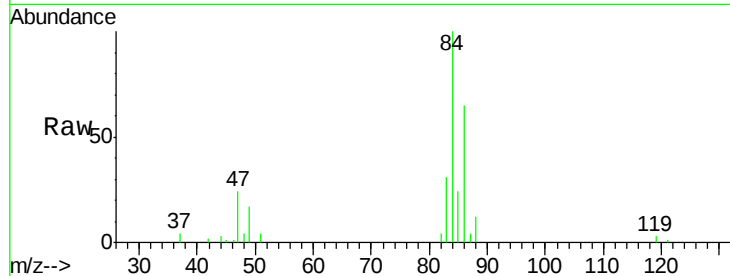




#25
Chloroform
Concen: 0.324 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041711.D
Acq: 21 Dec 2020 19:29

Instrument :
MSVOA_U
ClientSampleId :
GB248

Tot Ion: 83 Resp: 5799
Ion Ratio Lower Upper
83 100
85 78.9 44.2 82.0



#47
Tetrachloroethene
Concen: 0.146 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041711.D
Acq: 21 Dec 2020 19:29

Tgt Ion: 164 Resp: 1038
Ion Ratio Lower Upper
164 100
129 87.6 72.2 134.0
131 85.2 66.9 124.3
166 108.7 89.6 166.4

