

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112420\
 Data File : VU041414.D
 Acq On : 24 Nov 2020 13:21
 Operator : SY/MD
 Sample : L4849-03DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4406DL

Quant Time: Nov 25 08:06:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 25 07:37:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59668	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66252	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19002	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.92	69	14930	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	32963	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	4.65	46	78282	73.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	146.54%#
24) Chloroform-d	5.08	84	44527	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.72	65	31716	6.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.40%
32) Benzene-d6	5.74	84	80784	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.70	67	23790	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.91	98	68207	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.19	79	11725	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.64	63	49006	63.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24991	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	27241	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

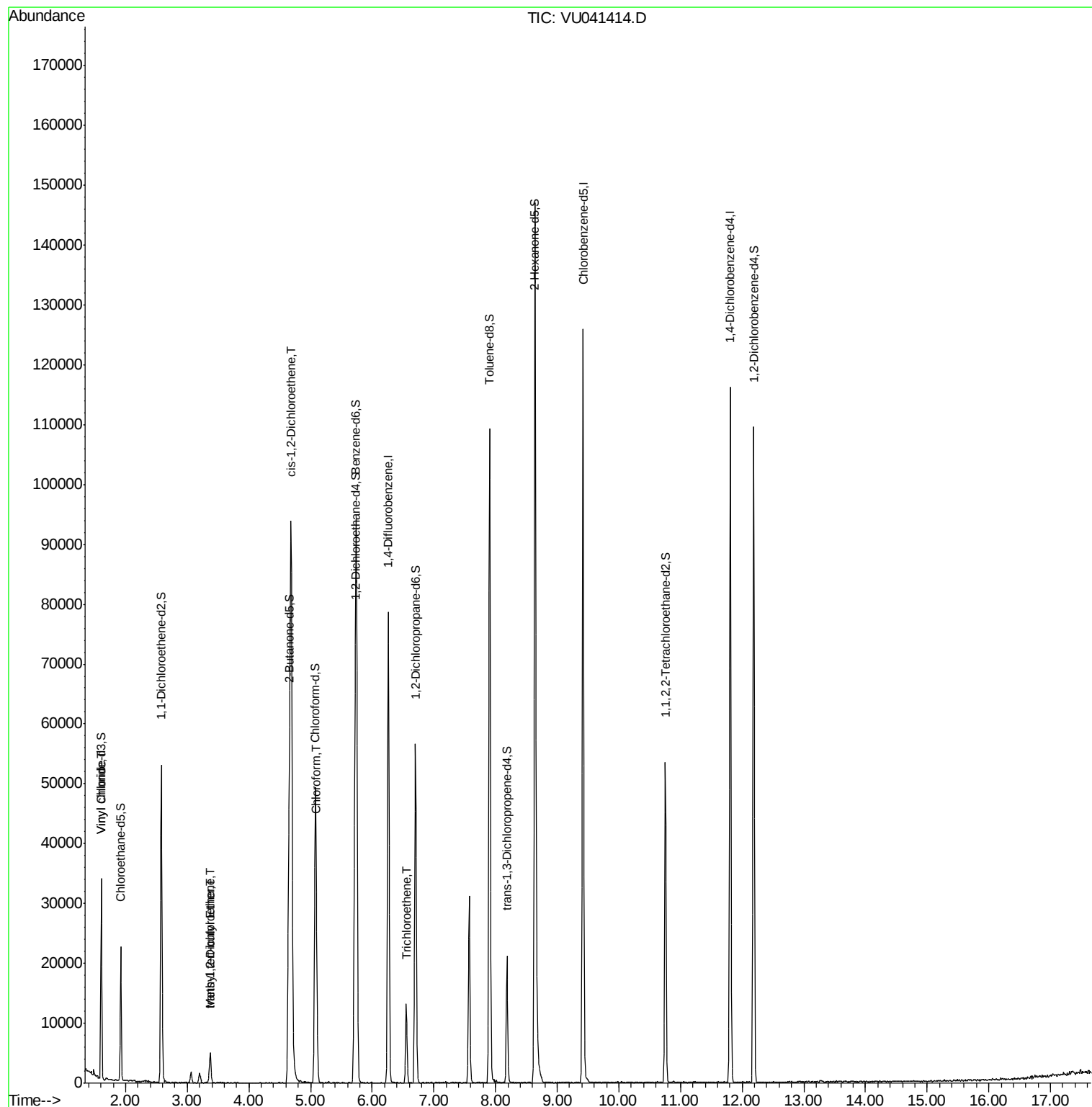
					Ovalue
5) Vinyl chloride	1.61	62	3590	0.688 ug/L	96
17) Methyl tert-butyl Ether	3.38	73	1555	0.170 ug/L #	86
18) trans-1,2-Dichloroethene	3.37	96	1718	0.431 ug/L	88
22) cis-1,2-Dichloroethene	4.69	96	36971	8.725 ug/L	96
25) Chloroform	5.10	83	2646	0.304 ug/L	95
34) Trichloroethene	6.55	95	4451	0.920 ug/L	95

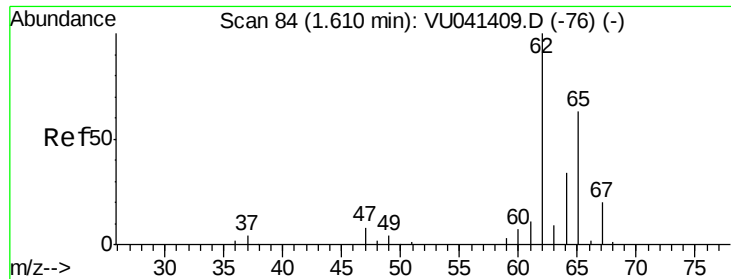
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.688 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041414.D

Acq: 24 Nov 2020 13:21

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MSVOA_U

ClientSampleId :

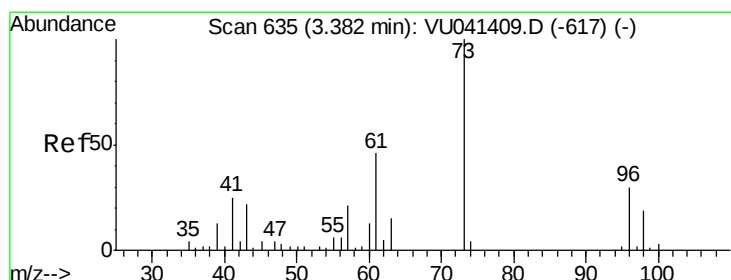
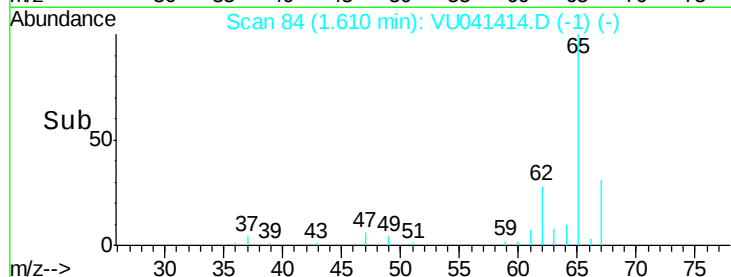
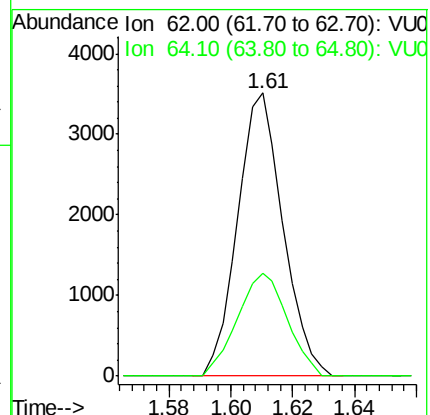
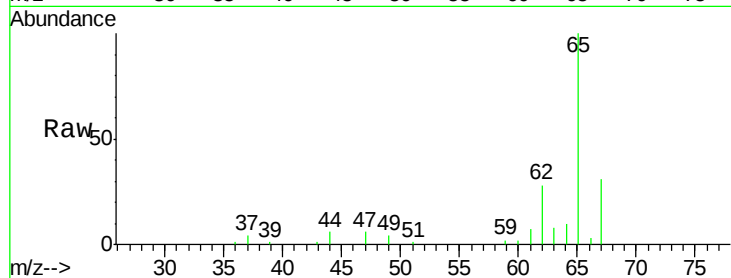
H4406DL

Tot Ion: 62 Resp: 3590

Ion Ratio Lower Upper

62 100

64 36.2 23.8 44.2



#17

Methyl tert-butyl Ether

Concen: 0.170 ug/L

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU041414.D

Acq: 24 Nov 2020 13:21

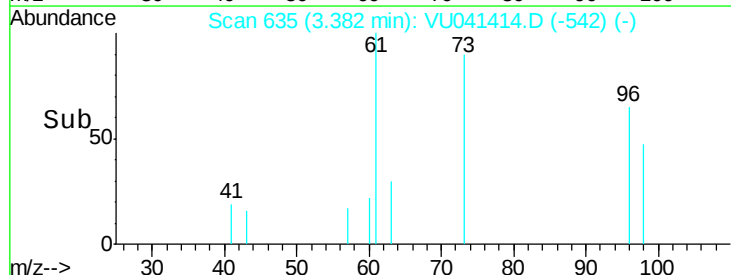
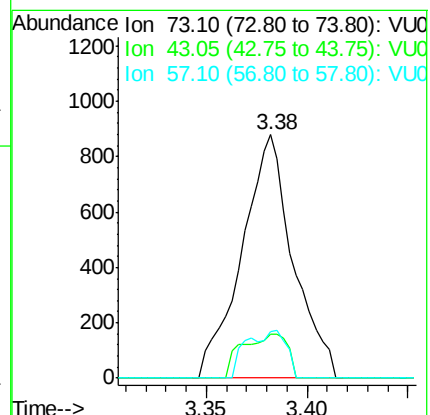
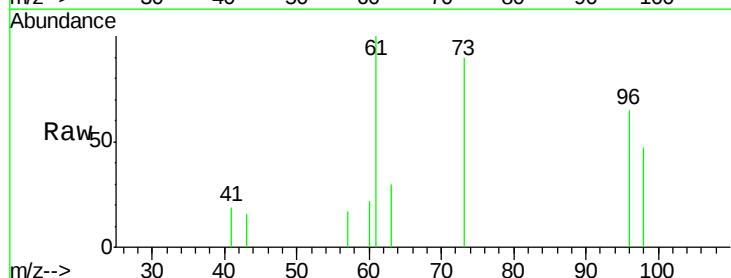
Tgt Ion: 73 Resp: 1555

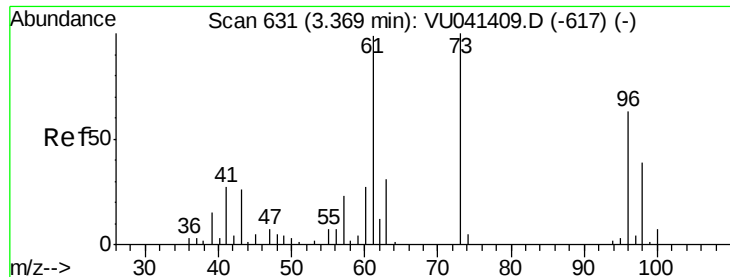
Ion Ratio Lower Upper

73 100

43 16.1 18.3 27.5#

57 15.3 17.7 26.5#

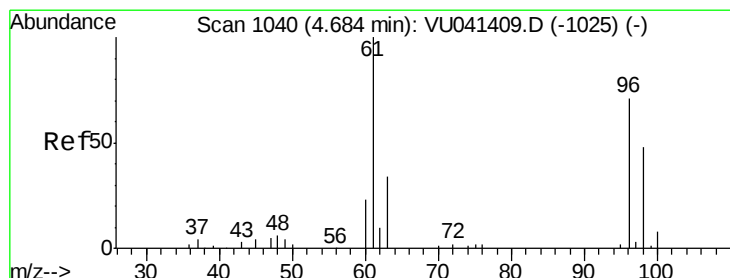
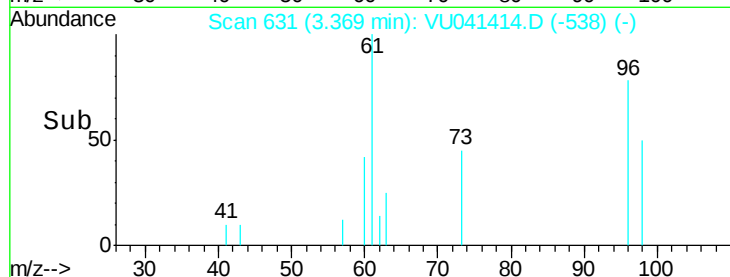
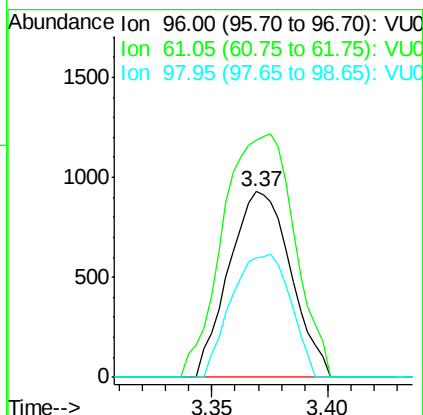
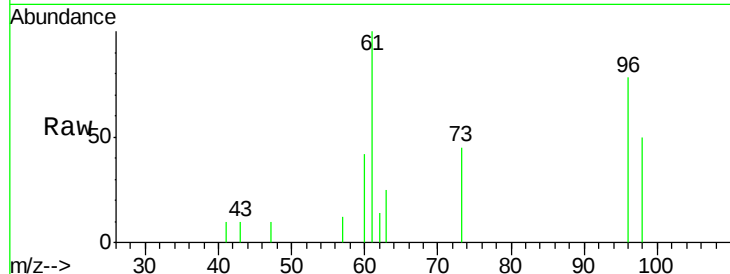




#18
trans-1,2-Dichloroethene
Concen: 0.431 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041414.D
Acq: 24 Nov 2020 13:21

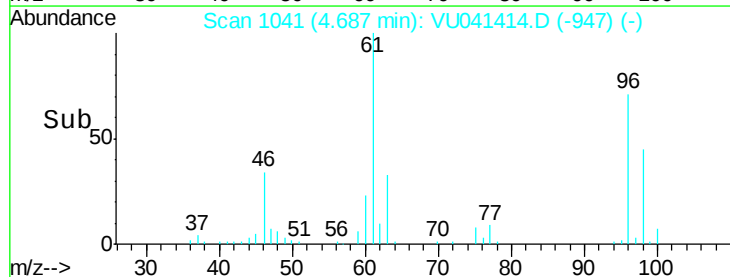
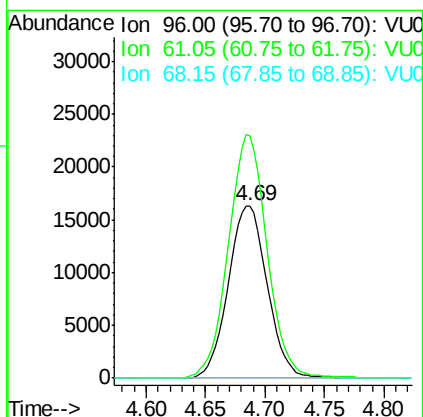
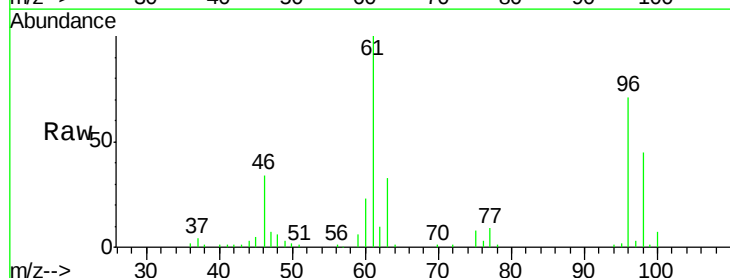
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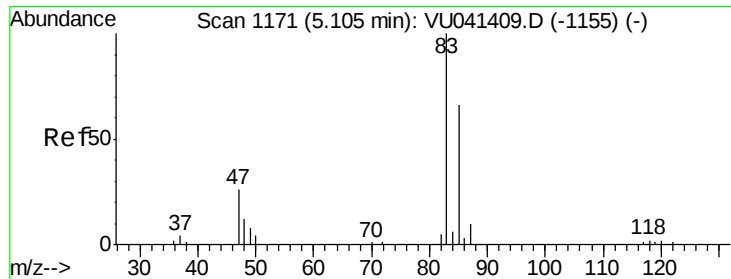
Tot Ion: 96 Resp: 1718
Ion Ratio Lower Upper
96 100
61 127.9 103.7 192.5
98 64.4 47.5 88.3



#22
cis-1,2-Dichloroethene
Concen: 8.725 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041414.D
Acq: 24 Nov 2020 13:21

Tgt Ion: 96 Resp: 36971
Ion Ratio Lower Upper
96 100
61 140.3 95.3 176.9
68 0.0 0.0 0.0

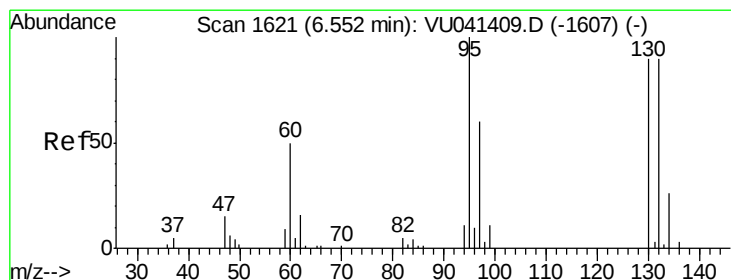
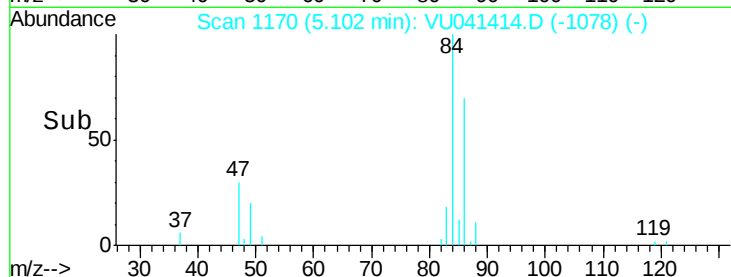
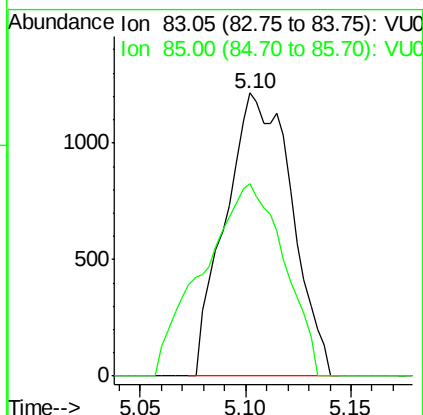
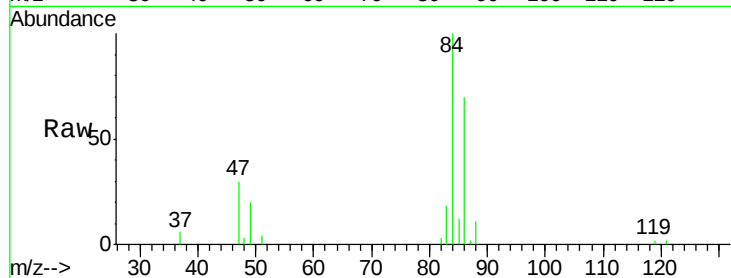




#25
Chloroform
Concen: 0.304 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041414.D
Acq: 24 Nov 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
H4406DL

Tot Ion: 83 Resp: 2646
Ion Ratio Lower Upper
83 100
85 68.0 44.7 82.9



#34
Trichloroethene
Concen: 0.920 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041414.D
Acq: 24 Nov 2020 13:21

Tgt Ion: 95 Resp: 4451
Ion Ratio Lower Upper
95 100
97 57.0 46.5 86.5
132 85.1 60.8 113.0
130 93.9 63.3 117.7

