

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101220\
 Data File : VU040651.D
 Acq On : 12 Oct 2020 11:56
 Operator : SY/MD
 Sample : L4345-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQX3

Quant Time: Oct 13 04:53:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 04:32:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127087	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56573	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	42240	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.92	69	37899	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.58	63	67997	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.66	46	168683	50.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.12%
24) Chloroform-d	5.08	84	87357	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.72	65	54679	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.74	84	163222	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.70	67	55138	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.90	98	128491	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.19	79	22256	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.64	63	114854	45.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46867	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	51862	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

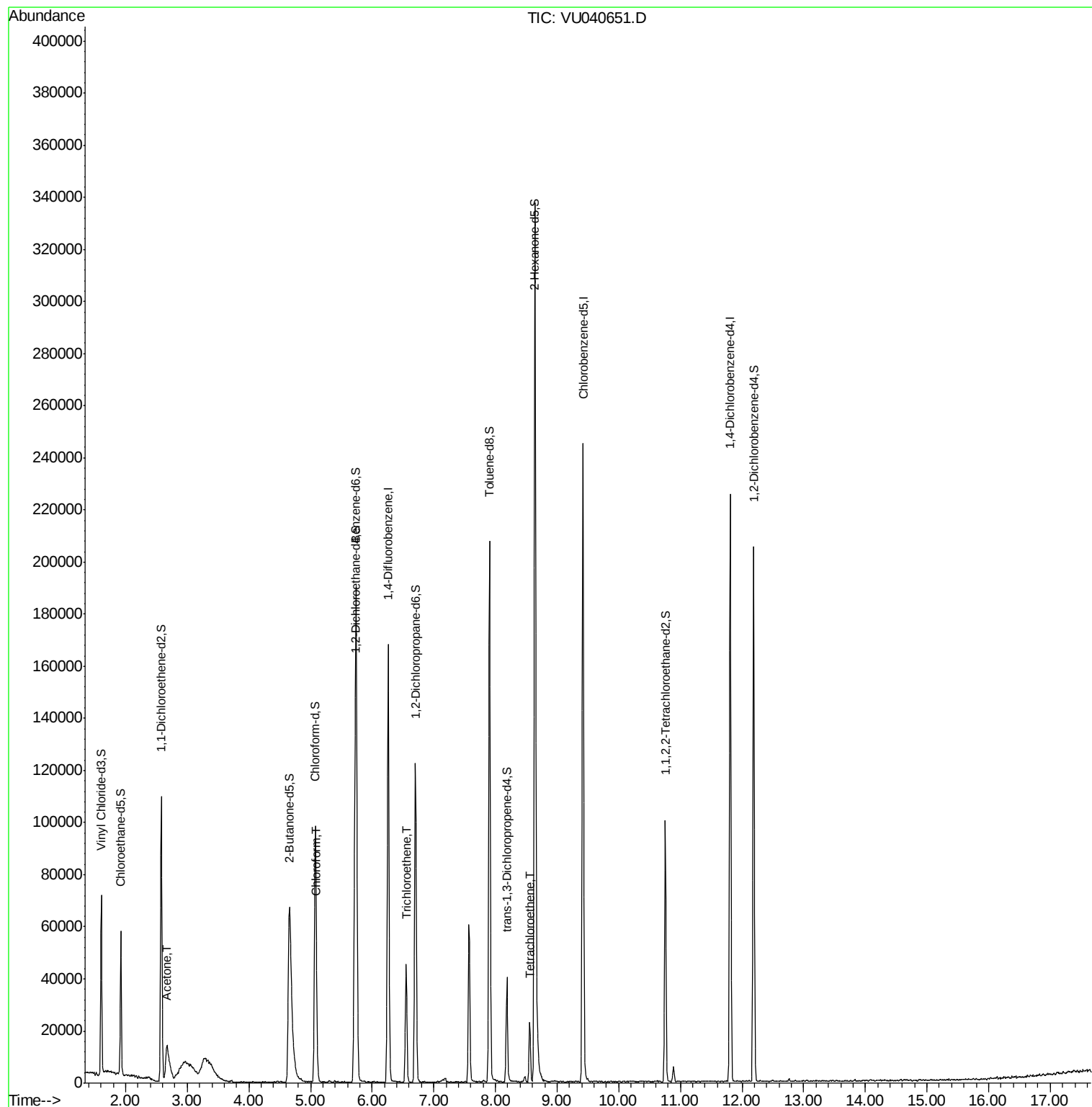
					Ovalue
13) Acetone	2.67	43	39987	15.308	ug/L 99
25) Chloroform	5.11	83	4794	0.239	ug/L 96
34) Trichloroethene	6.55	95	14344	1.320	ug/L 99
47) Tetrachloroethene	8.56	164	5137	0.663	ug/L 95

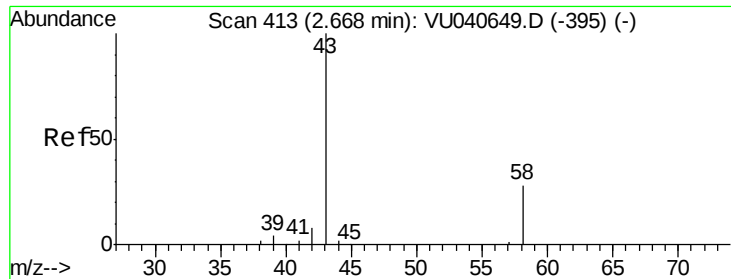
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.308 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU040651.D

Acq: 12 Oct 2020 11:56

Instrument :

MSVOA_U

ClientSampleId :

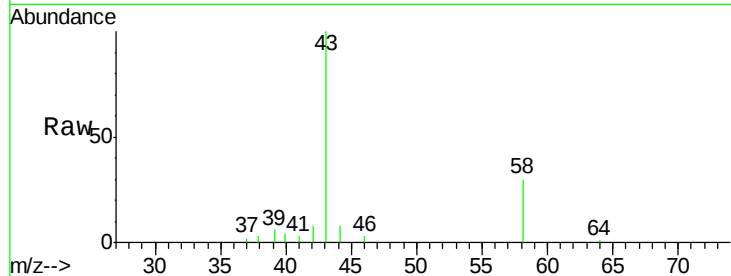
YQX3

Tot Ion: 43 Resp: 39987

Ion Ratio Lower Upper

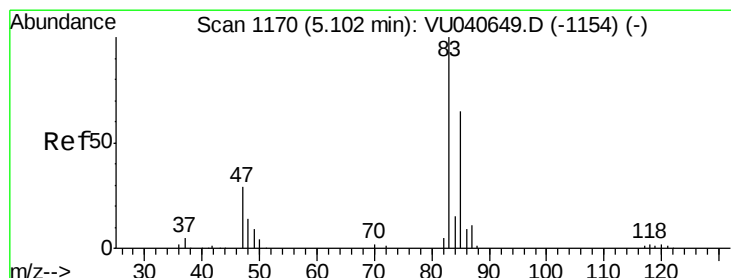
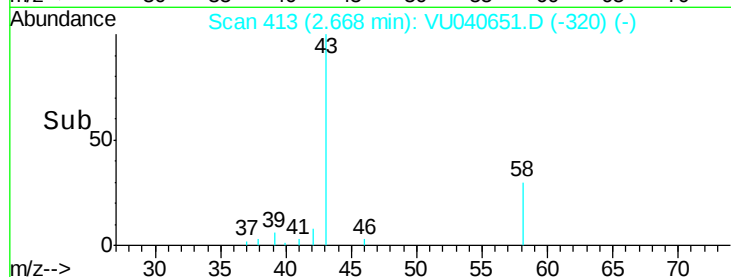
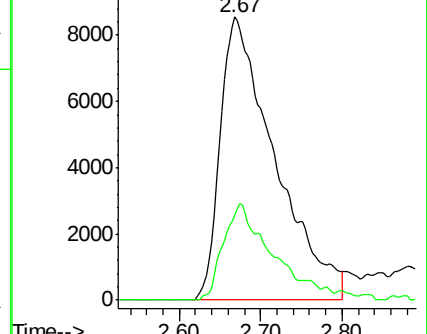
43 100

58 30.6 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.239 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040651.D

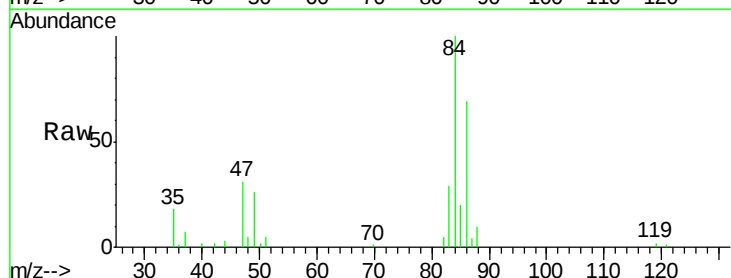
Acq: 12 Oct 2020 11:56

Tgt Ion: 83 Resp: 4794

Ion Ratio Lower Upper

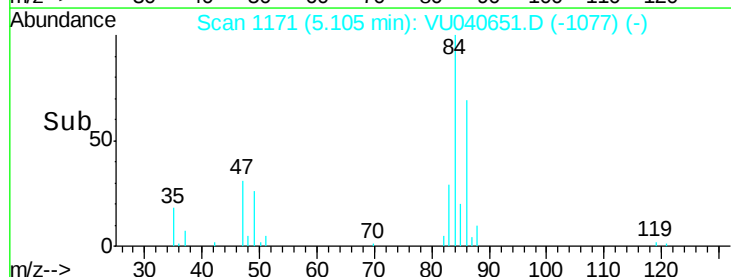
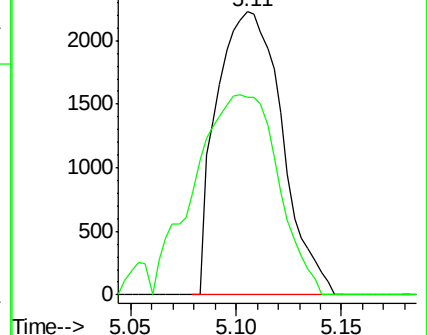
83 100

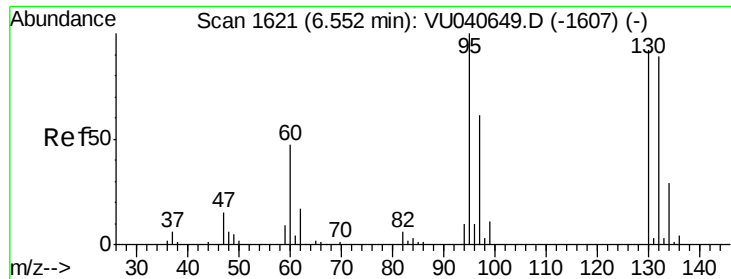
85 70.0 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

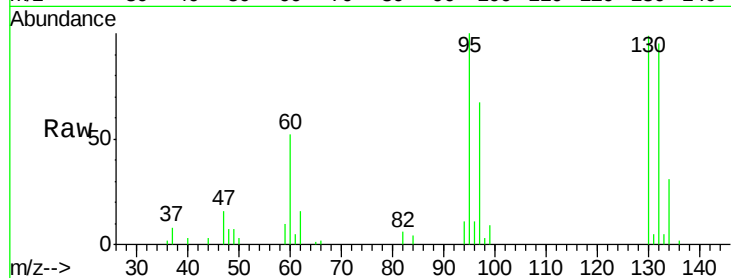




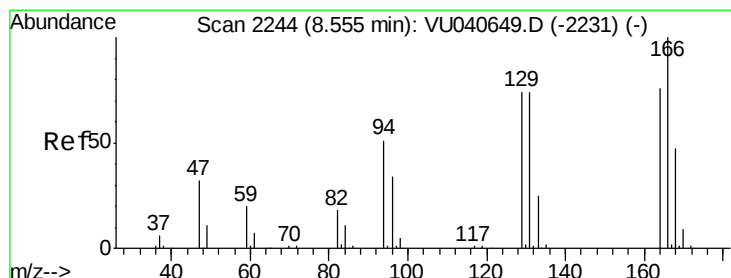
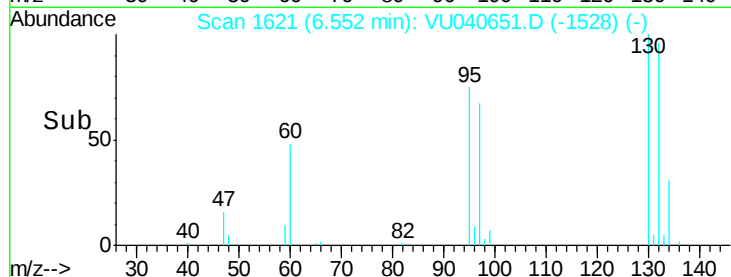
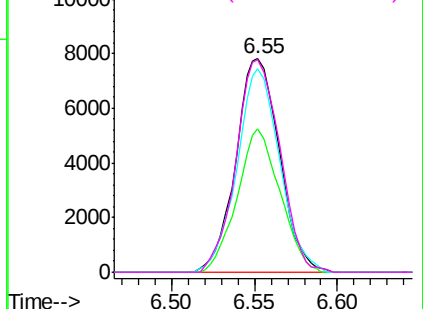
#34
 Trichloroethene
 Concen: 1.320 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
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Tot Ion: 95 Resp: 14344
 Ion Ratio Lower Upper
 95 100
 97 66.9 45.5 84.5
 132 95.4 67.5 125.4
 130 99.4 69.9 129.9

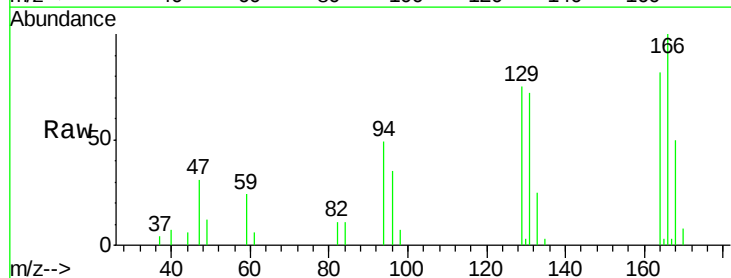


Abundance Ion 95.00 (94.70 to 95.70): VU040651.D (-1528) (-)
 Ion 96.95 (96.65 to 97.65): VU040651.D (-1528) (-)
 Ion 131.95 (131.65 to 132.65): VU040651.D (-1528) (-)
 Ion 129.95 (129.65 to 130.65): VU040651.D (-1528) (-)



#47
 Tetrachloroethene
 Concen: 0.663 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU040651.D
 Acq: 12 Oct 2020 11:56

Tgt Ion: 164 Resp: 5137
 Ion Ratio Lower Upper
 164 100
 129 91.6 68.8 127.8
 131 88.3 66.7 123.9
 166 122.6 83.9 155.7



Abundance Ion 163.90 (163.60 to 164.60): VU040651.D (-2151) (-)
 Ion 128.95 (128.65 to 129.65): VU040651.D (-2151) (-)
 Ion 130.95 (130.65 to 131.65): VU040651.D (-2151) (-)
 Ion 165.90 (165.60 to 166.60): VU040651.D (-2151) (-)

