

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101420\
 Data File : VU040694.D
 Acq On : 14 Oct 2020 13:27
 Operator : SY/MD
 Sample : L4346-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ6

Quant Time: Oct 15 07:44:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 15 05:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118299	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122828	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50295	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	49400	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.92	69	43608	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	2.58	63	80907	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.66	46	180431	57.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.04%
24) Chloroform-d	5.08	84	99022	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.20%
26) 1,2-Dichloroethane-d4	5.72	65	59860	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
32) Benzene-d6	5.74	84	186185	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.70	67	63280	5.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.00%
41) Toluene-d8	7.91	98	152581	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.19	79	23880	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.64	63	125452	52.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53207	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	56788	6.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.80%#

Target Compounds

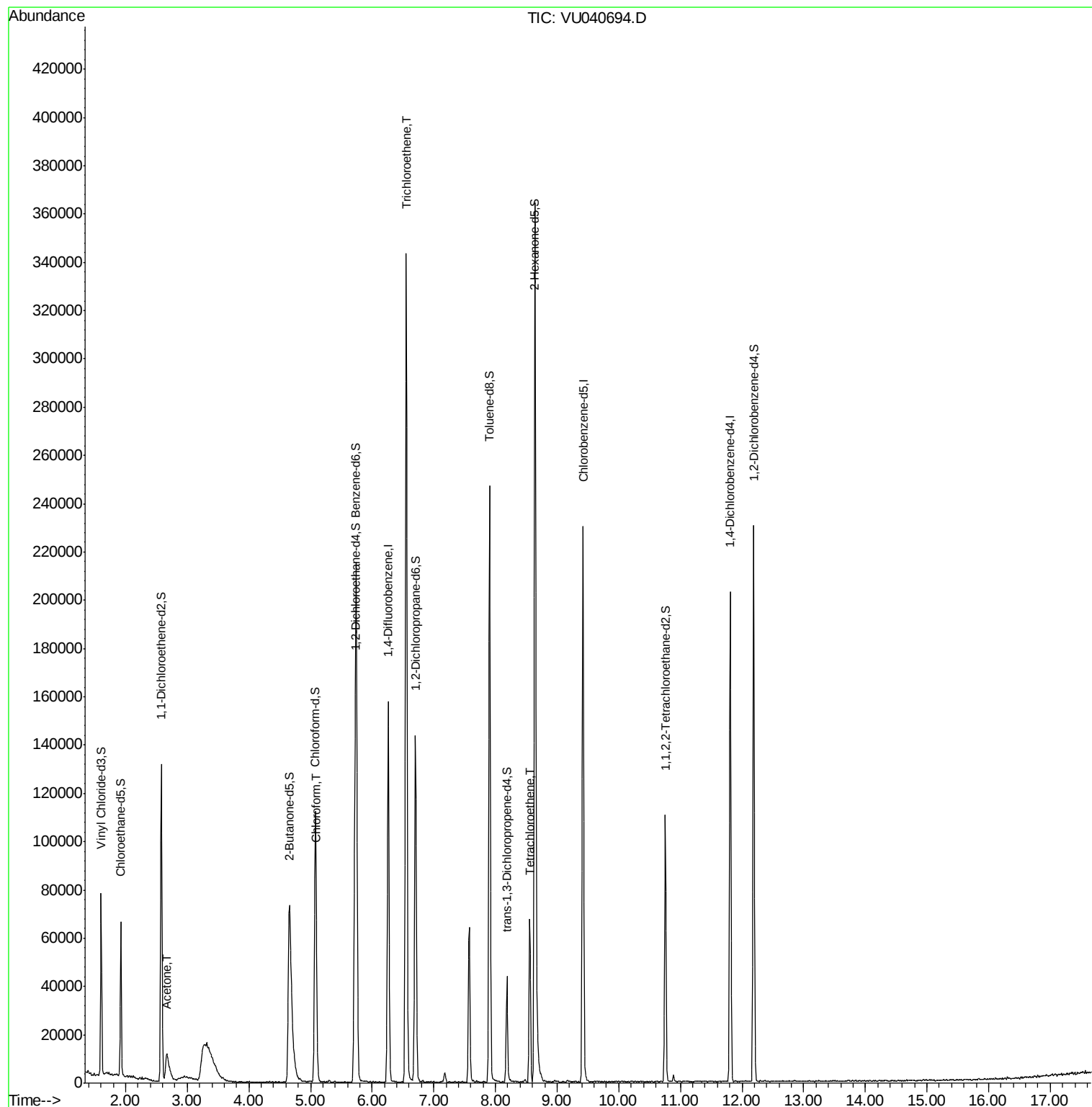
					Ovalue
13) Acetone	2.67	43	30835	12.682 ug/L	99
25) Chloroform	5.10	83	5072	0.272 ug/L	97
34) Trichloroethene	6.55	95	115174	11.260 ug/L	97
47) Tetrachloroethene	8.56	164	13846	1.897 ug/L	92

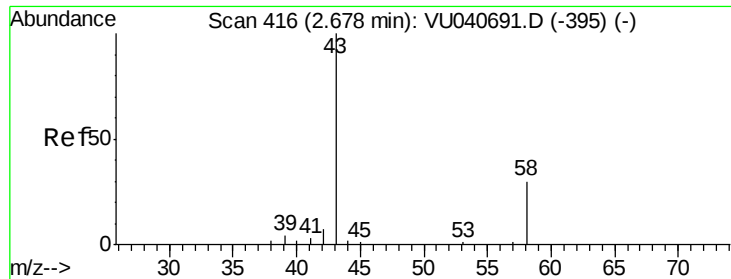
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.682 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU040694.D

Acq: 14 Oct 2020 13:27

Instrument :

MSVOA_U

ClientSampleId :

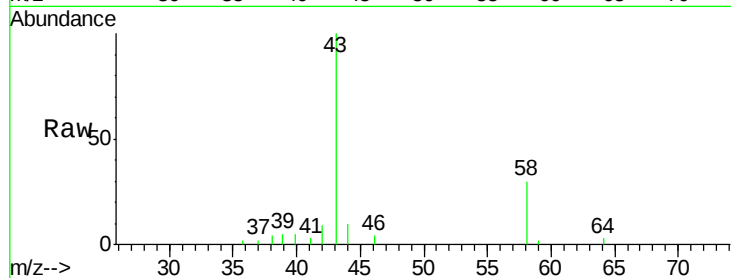
YQZ6

Tot Ion: 43 Resp: 30835

Ion Ratio Lower Upper

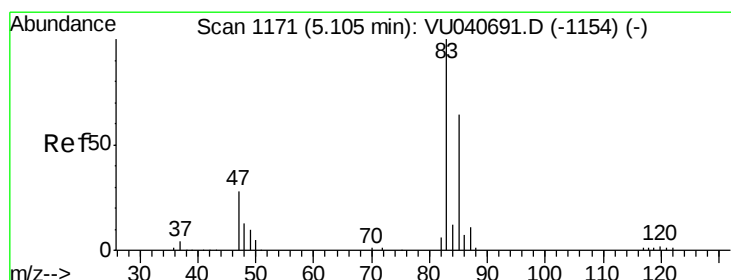
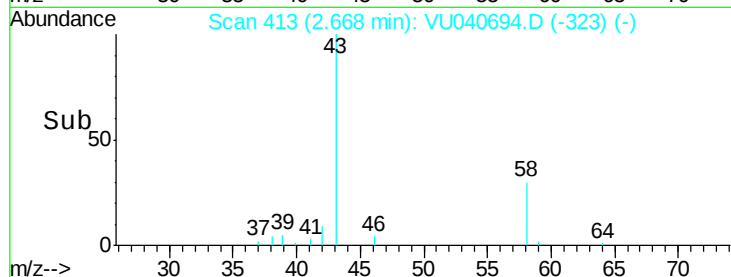
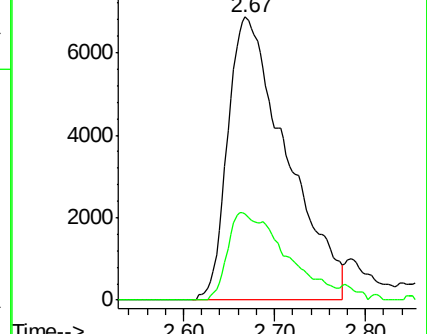
43 100

58 30.7 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040694.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU040694.D (-323) (-)



#25

Chloroform

Concen: 0.272 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU040694.D

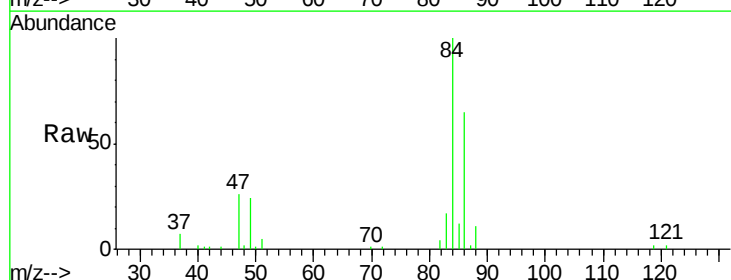
Acq: 14 Oct 2020 13:27

Tgt Ion: 83 Resp: 5072

Ion Ratio Lower Upper

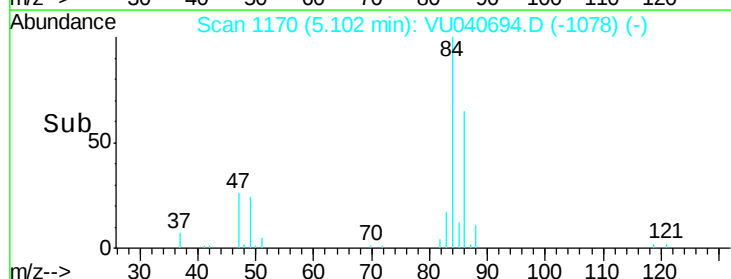
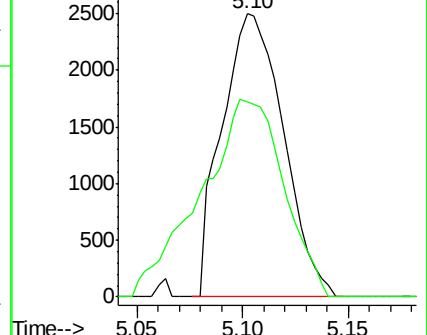
83 100

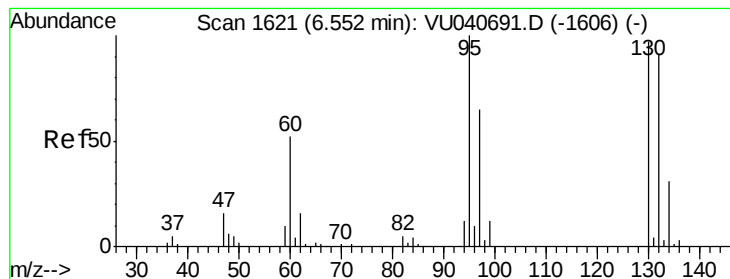
85 68.8 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040694.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040694.D (-1078) (-)





#34

Trichloroethene

Concen: 11.260 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU040694.D

Acq: 14 Oct 2020 13:27

Instrument :

MSVOA_U

ClientSampleId :

YQZ6

Tot Ion: 95 Resp: 115174

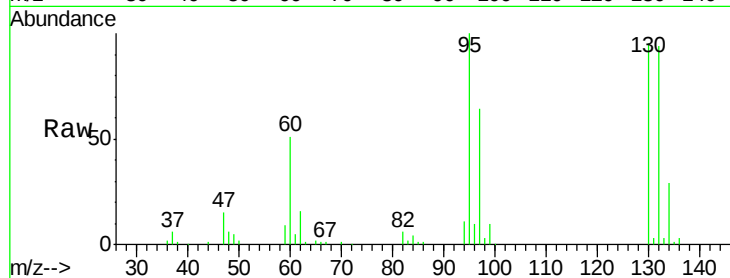
Ion Ratio Lower Upper

95 100

97 63.9 45.5 84.5

132 94.3 67.5 125.4

130 95.5 69.9 129.9

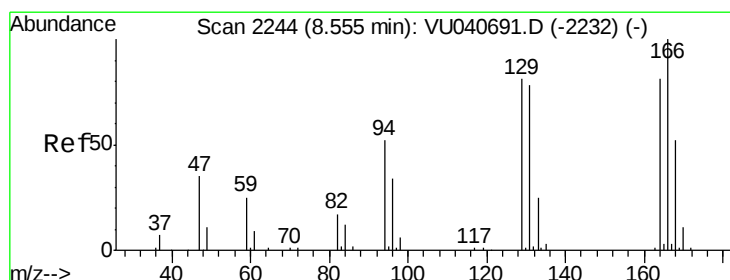
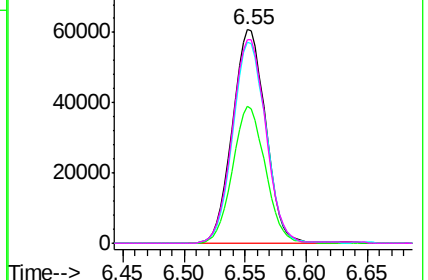
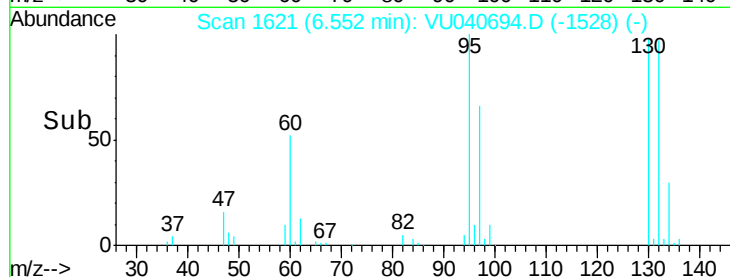


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 1.897 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU040694.D

Acq: 14 Oct 2020 13:27

Tgt Ion: 164 Resp: 13846

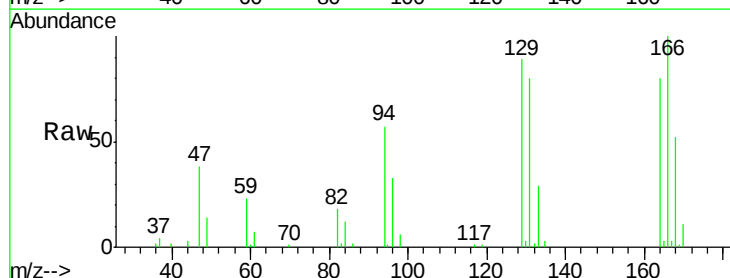
Ion Ratio Lower Upper

164 100

129 111.4 68.8 127.8

131 100.1 66.7 123.9

166 125.6 83.9 155.7



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

