

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101320\
 Data File : VU040687.D
 Acq On : 13 Oct 2020 16:58
 Operator : SY/MD
 Sample : L4346-06DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ5DL

Quant Time: Oct 14 08:09:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 14 05:57:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114102	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118553	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48096	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41213	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.92	69	37126	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.58	63	65079	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.66	46	180478	59.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.30%
24) Chloroform-d	5.08	84	89637	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.72	65	55753	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.75	84	158209	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	56914	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.91	98	124478	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	22140	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.64	63	124783	53.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50383	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	51632	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

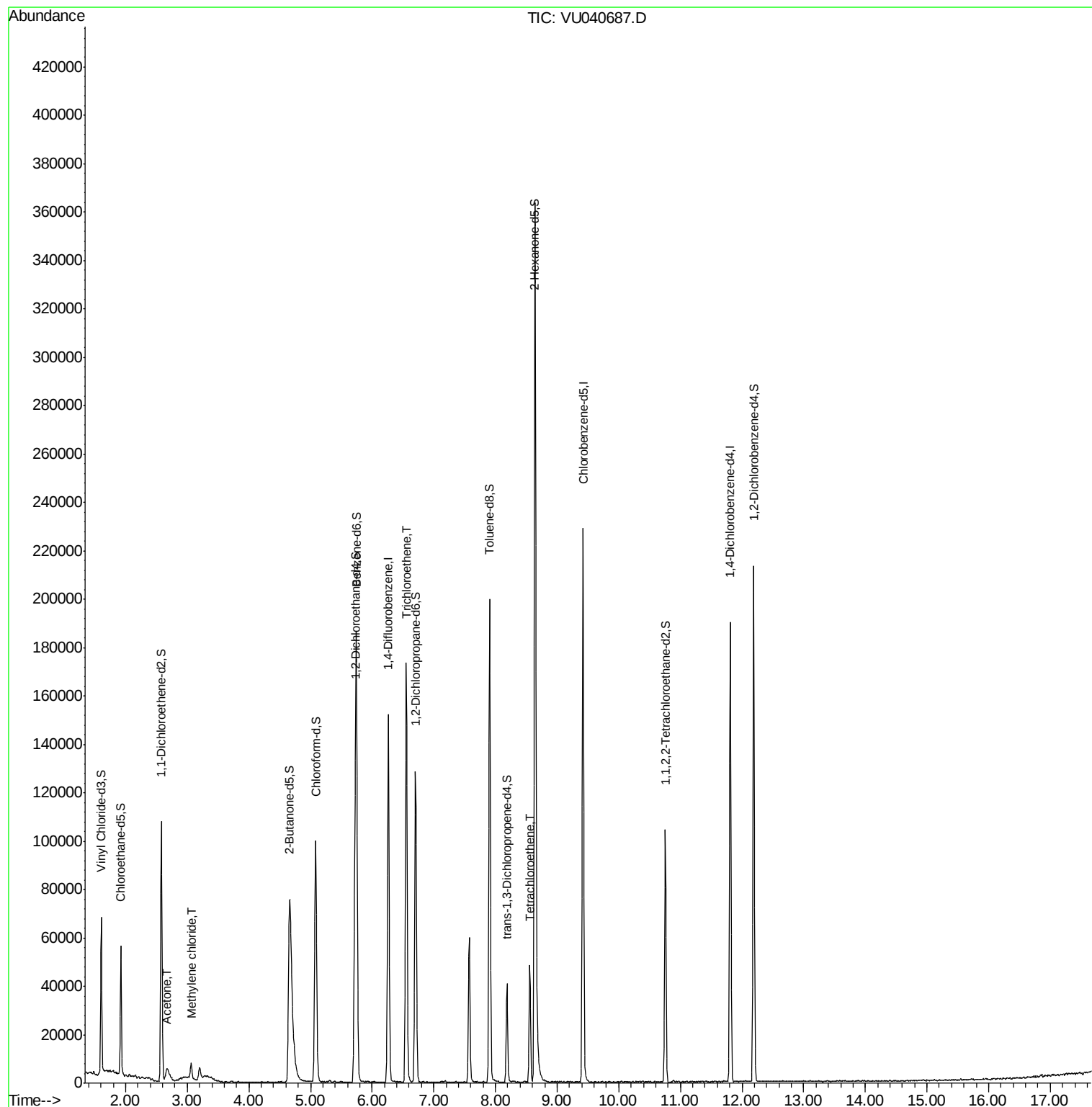
Target Compounds					Ovalue
13) Acetone	2.68	43	14652	6.248 ug/L	75
16) Methylene chloride	3.06	84	2774	0.265 ug/L	96
34) Trichloroethene	6.56	95	56952	5.769 ug/L	98
47) Tetrachloroethene	8.56	164	10449	1.483 ug/L	95

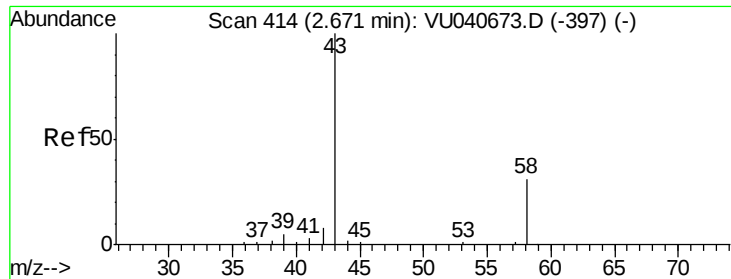
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.248 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

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Acq: 13 Oct 2020 16:58

Instrument :

MSVOA_U

ClientSampleId :

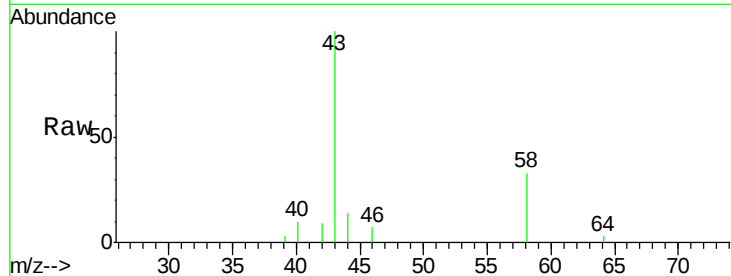
YAZ5DL

Tot Ion: 43 Resp: 14652

Ion Ratio Lower Upper

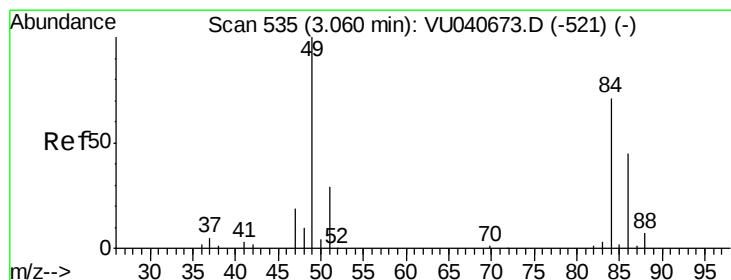
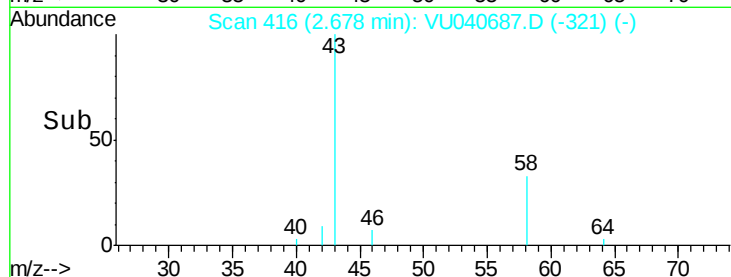
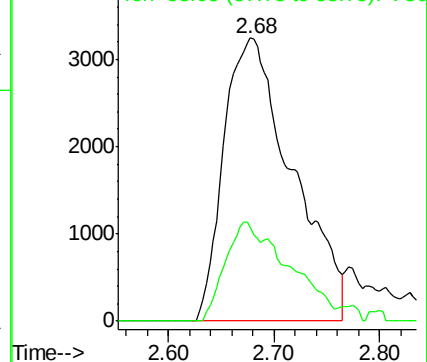
43 100

58 16.8 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.265 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

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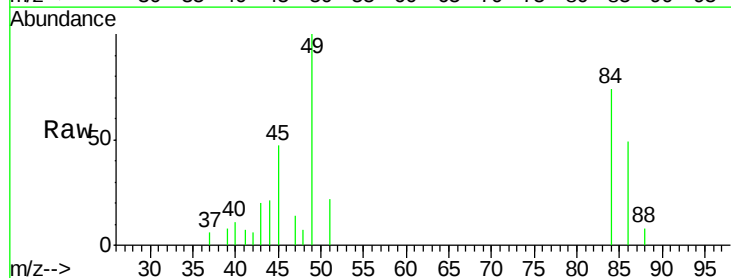
Tgt Ion: 84 Resp: 2774

Ion Ratio Lower Upper

84 100

86 66.8 45.4 84.4

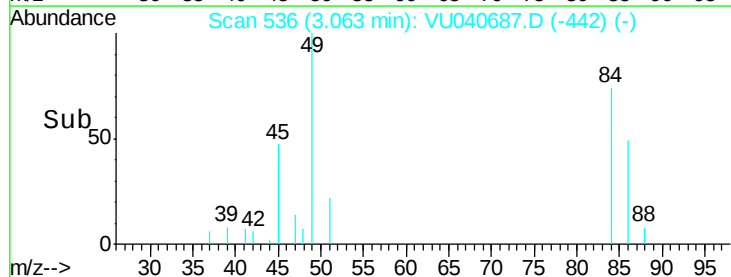
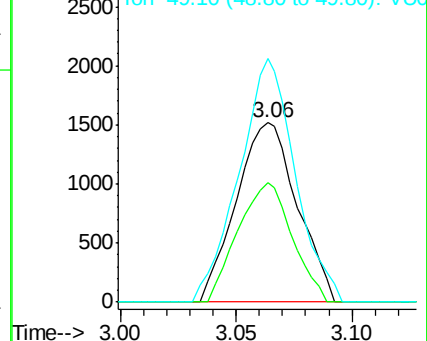
49 136.0 99.8 185.3

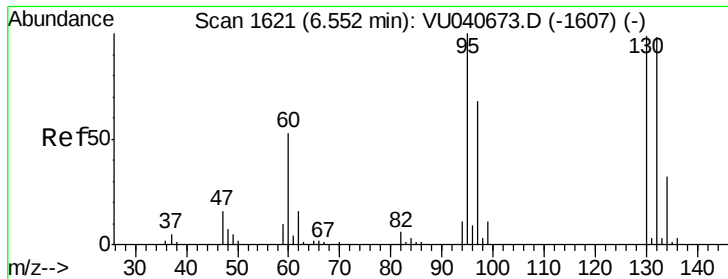


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#34

Trichloroethene

Concen: 5.769 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040687.D

Acq: 13 Oct 2020 16:58

Instrument :

MSVOA_U

ClientSampleId :

YAQZ5DL

Tot Ion: 95 Resp: 56952

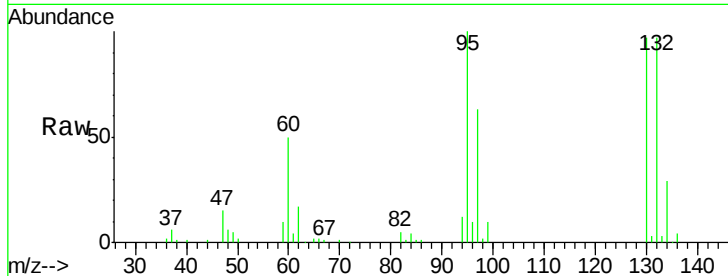
Ion Ratio Lower Upper

95 100

97 62.9 45.5 84.5

132 96.7 67.5 125.4

130 97.3 69.9 129.9

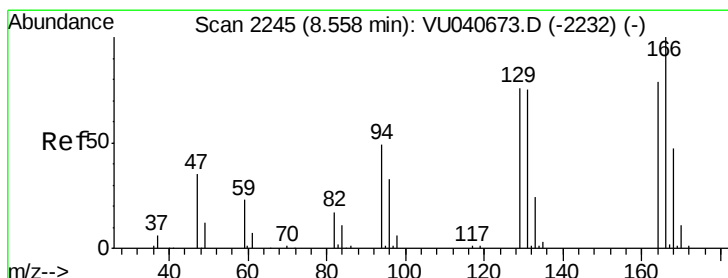
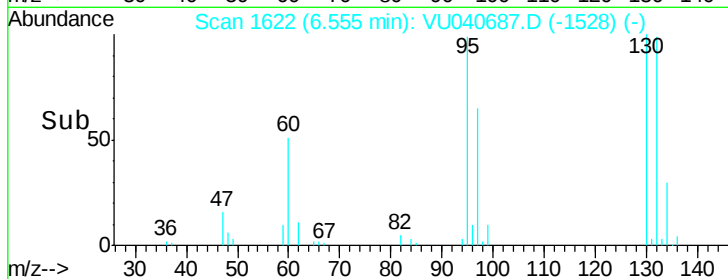
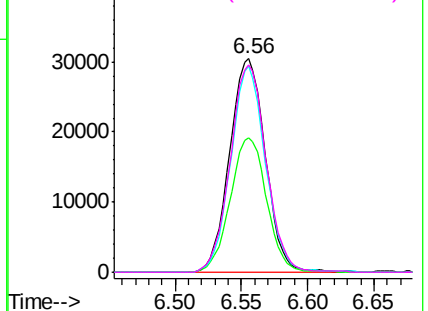


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.483 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040687.D

Acq: 13 Oct 2020 16:58

Tgt Ion: 164 Resp: 10449

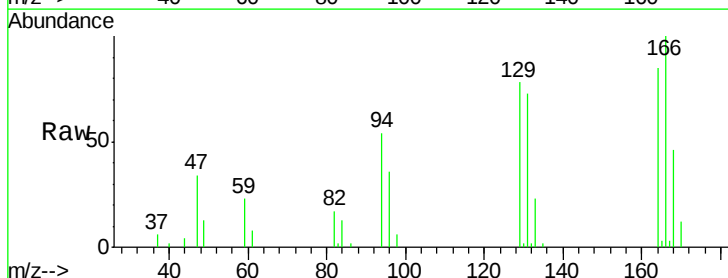
Ion Ratio Lower Upper

164 100

129 92.5 68.8 127.8

131 86.7 66.7 123.9

166 118.3 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

