

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101320\
 Data File : VU040688.D
 Acq On : 13 Oct 2020 17:21
 Operator : SY/MD
 Sample : L4346-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ4

Quant Time: Oct 14 08:15:54 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	115236	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121624	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49354	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39599	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.93	69	35670	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	63749	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.66	46	178399	58.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.76%
24) Chloroform-d	5.08	84	89238	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.72	65	53305	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.74	84	153127	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.70	67	55770	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.91	98	122622	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.19	79	21211	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.64	63	122410	51.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49284	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	52484	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

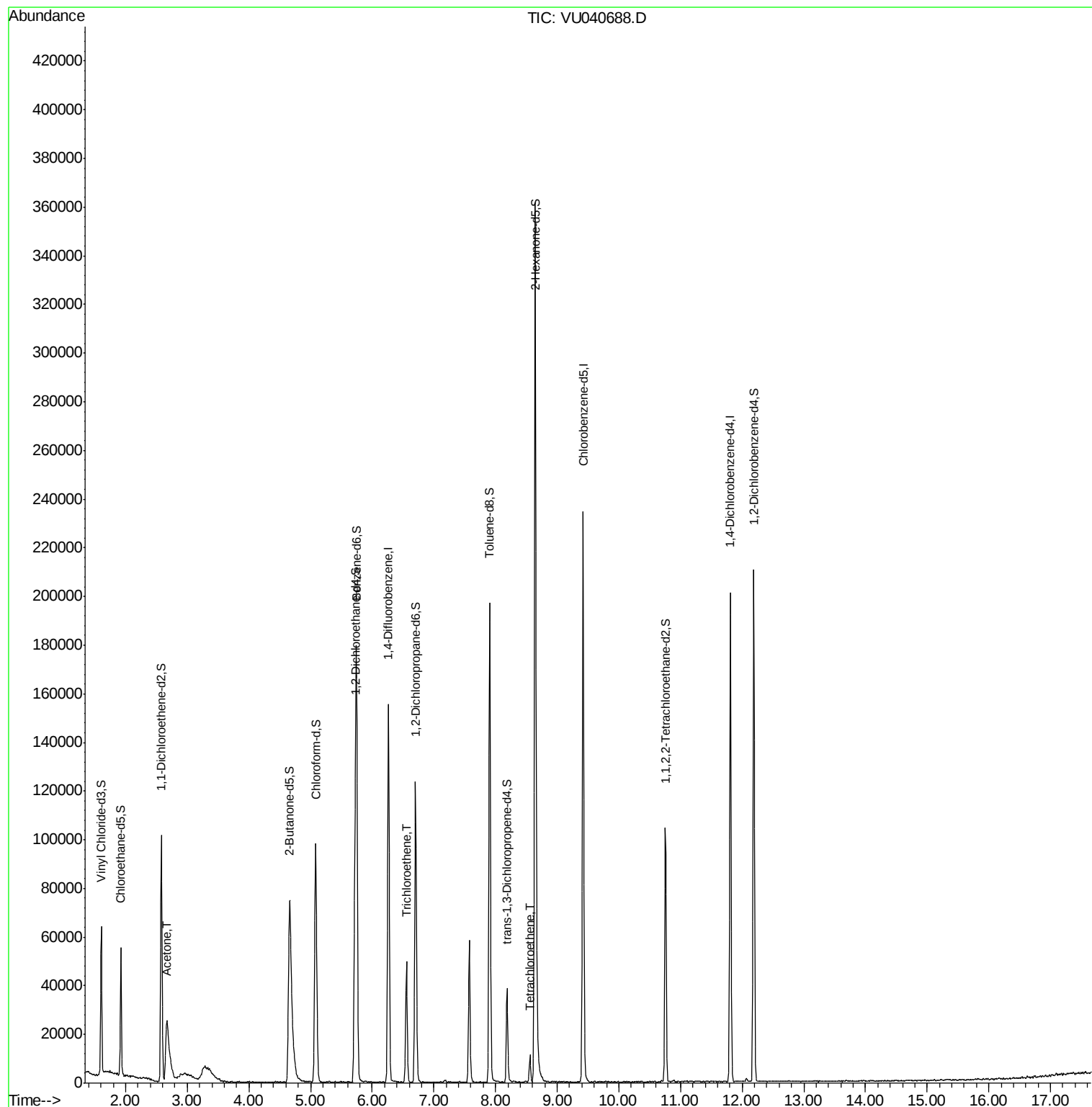
Target Compounds					Ovalue
13) Acetone	2.67	43	72279	30.517 ug/L	97
34) Trichloroethene	6.56	95	16380	1.617 ug/L	96
47) Tetrachloroethene	8.56	164	2332	0.323 ug/L	92

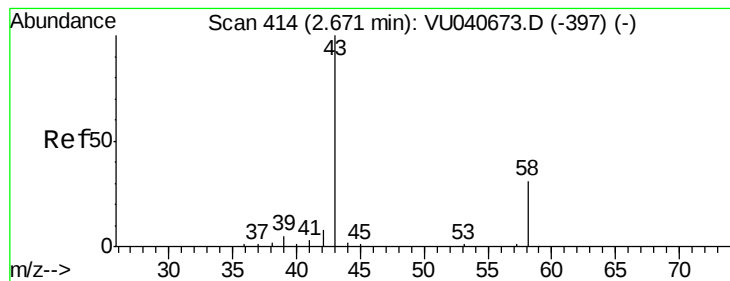
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.517 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

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Acq: 13 Oct 2020 17:21

Instrument :

MSVOA_U

ClientSampleId :

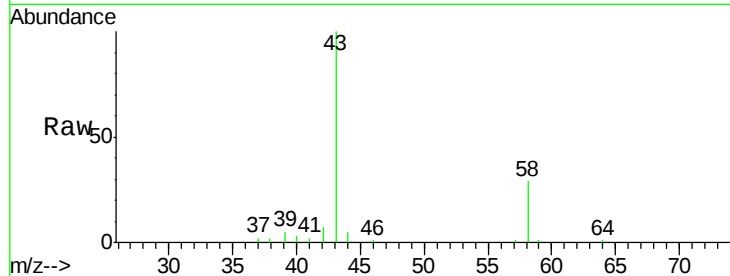
YAZ4

Tot Ion: 43 Resp: 72279

Ion Ratio Lower Upper

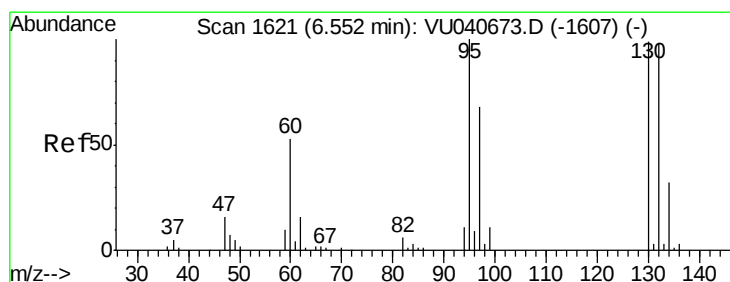
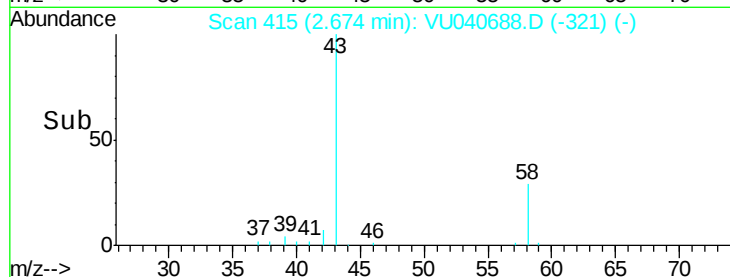
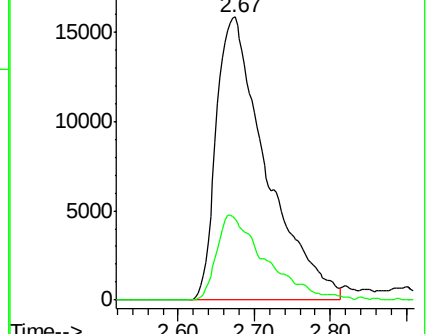
43 100

58 28.7 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#34

Trichloroethene

Concen: 1.617 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040688.D

Acq: 13 Oct 2020 17:21

Tgt Ion: 95 Resp: 16380

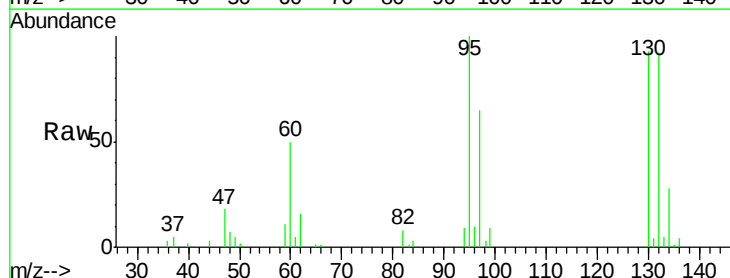
Ion Ratio Lower Upper

95 100

97 65.0 45.5 84.5

132 91.9 67.5 125.4

130 92.8 69.9 129.9

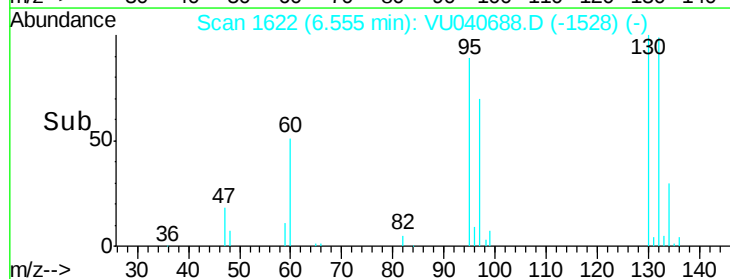
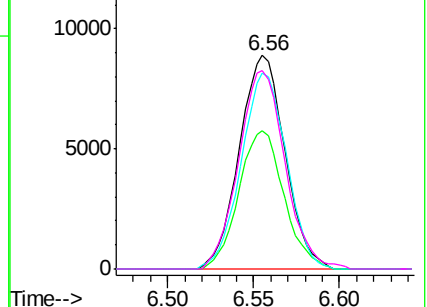


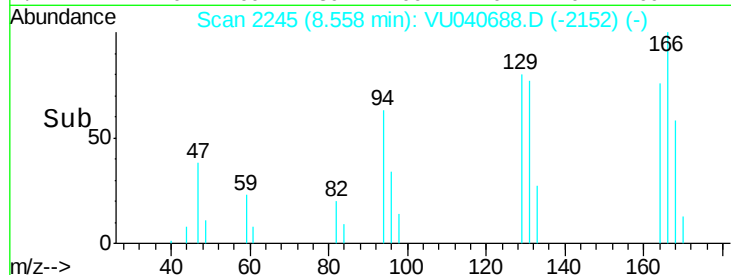
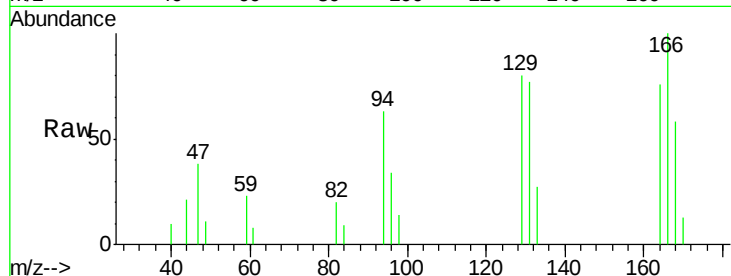
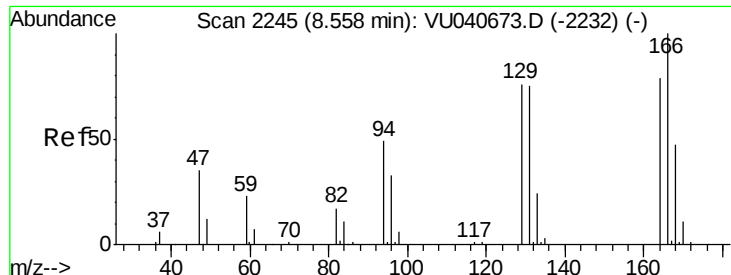
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.323 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

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ClientSampleId :

YQZ4

Tot Ion:164 Resp: 2332

Ion Ratio Lower Upper

164 100

129 105.0 68.8 127.8

131 101.1 66.7 123.9

166 132.0 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

