

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101320\
 Data File : VU040678.D
 Acq On : 13 Oct 2020 13:30
 Operator : SY/MD
 Sample : L4346-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ2

Quant Time: Oct 14 06:42:27 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	128900	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135754	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57300	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41642	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.92	69	36792	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.58	63	68575	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.66	46	175553	51.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.72%
24) Chloroform-d	5.08	84	90841	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.72	65	55804	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.74	84	162507	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	55926	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.91	98	129644	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.19	79	22456	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.64	63	125959	47.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49176	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	53668	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

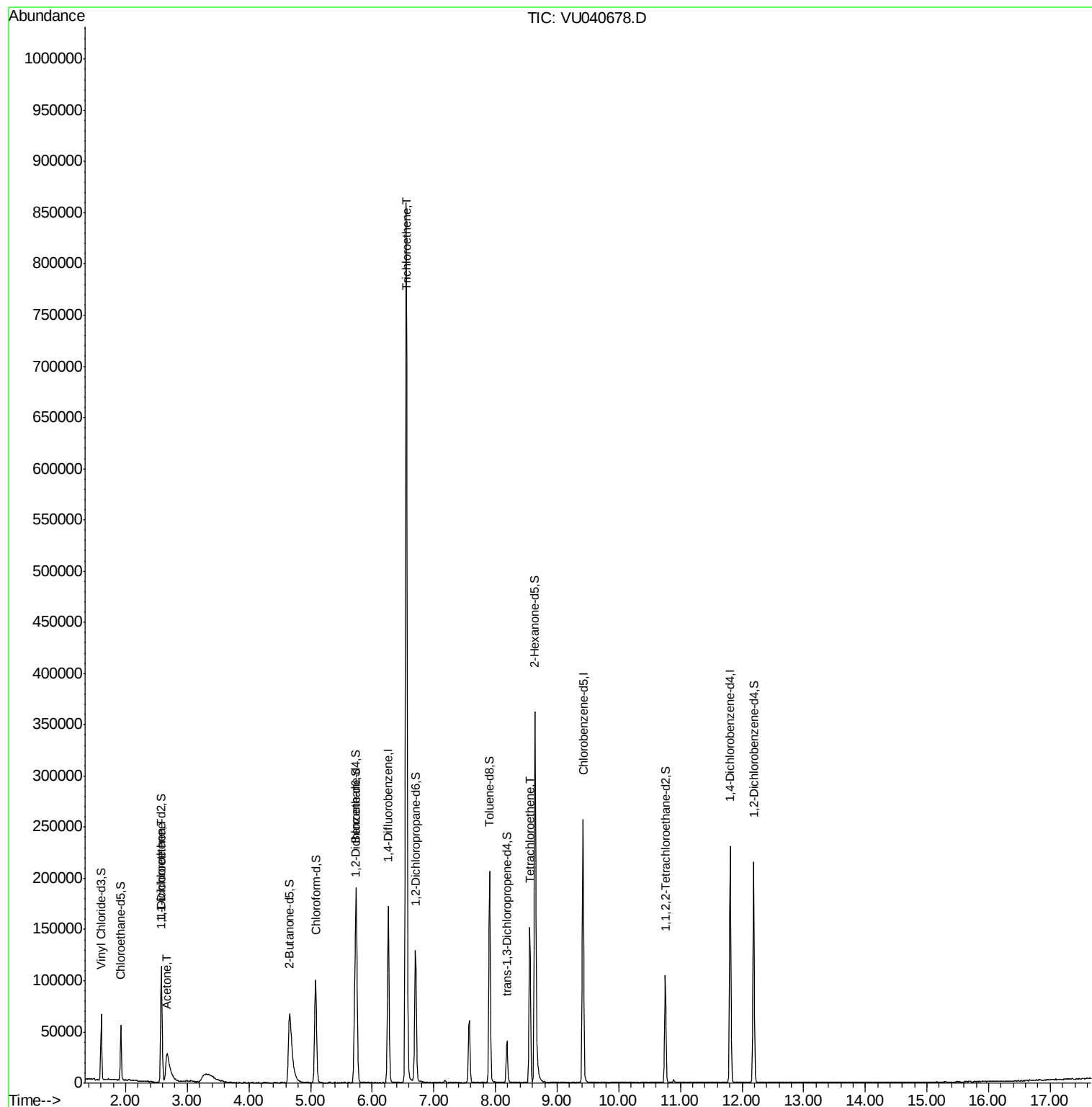
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.59	96	4528	0.492 ug/L	# 1
13) Acetone	2.67	43	94044	35.497 ug/L	97
34) Trichloroethene	6.55	95	287004	25.387 ug/L	96
47) Tetrachloroethene	8.56	164	31930	3.959 ug/L	98

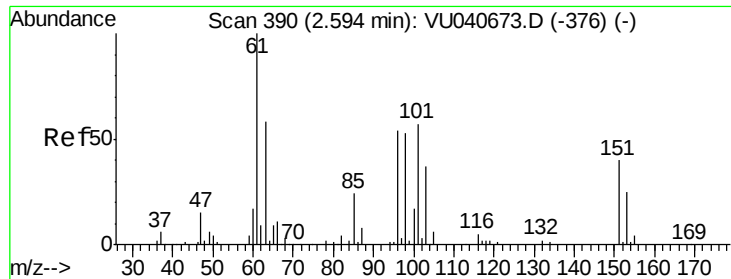
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.492 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

YQZ2

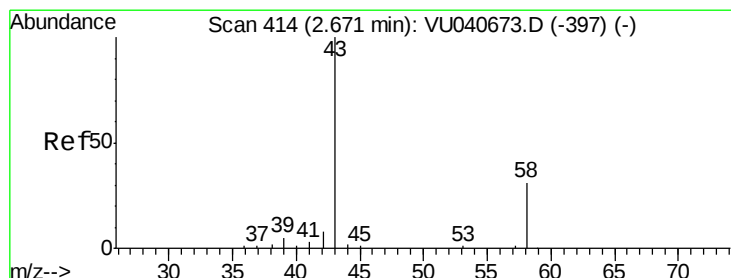
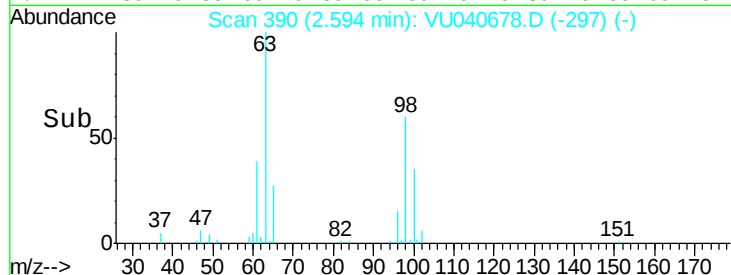
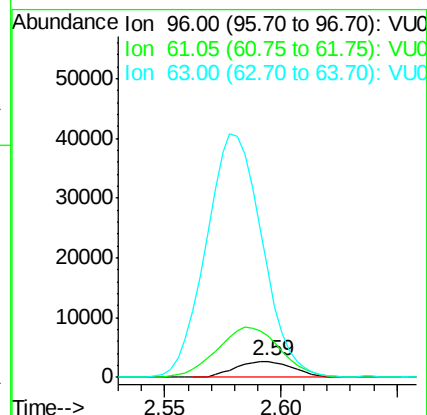
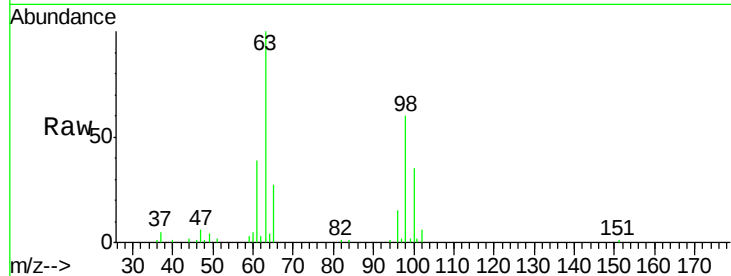
Tot Ion: 96 Resp: 4528

Ion Ratio Lower Upper

96 100

61 258.7 128.8 239.2#

63 669.2 84.6 157.2#



#13

Acetone

Concen: 35.497 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU040678.D

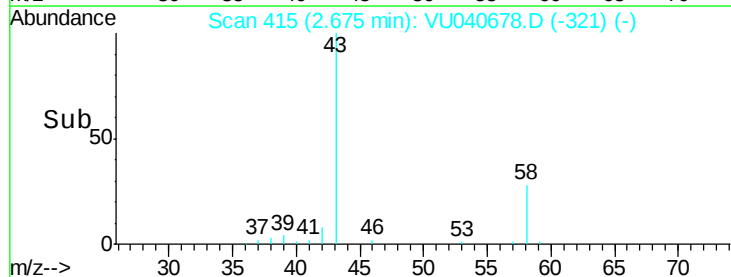
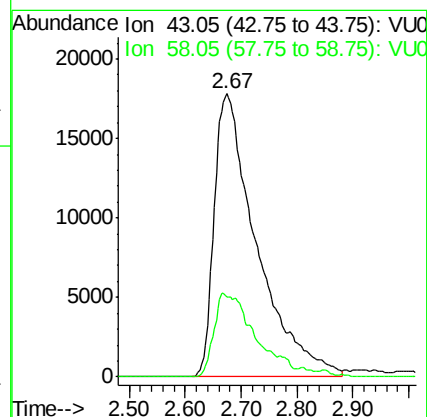
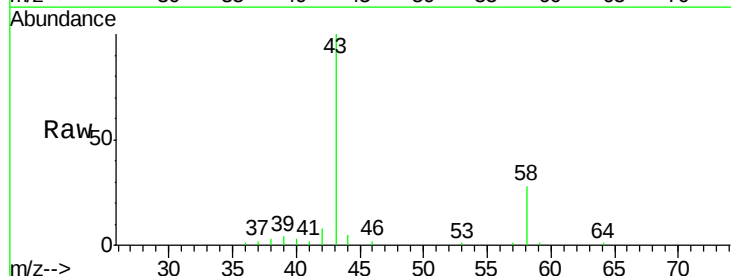
Acq: 13 Oct 2020 13:30

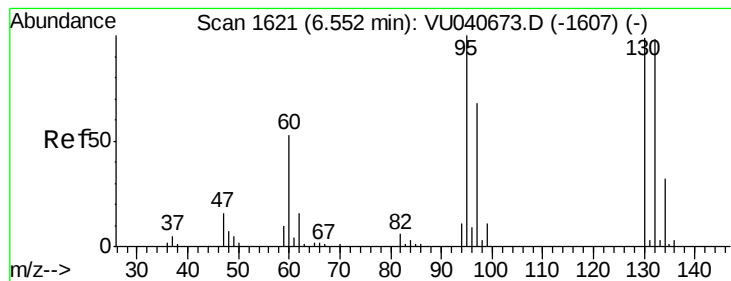
Tgt Ion: 43 Resp: 94044

Ion Ratio Lower Upper

43 100

58 28.6 0.0 60.6





#34

Trichloroethene

Concen: 25.387 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU040678.D

Acq: 13 Oct 2020 13:30

Instrument :

MSVOA_U

ClientSampleId :

YQZ2

Tot Ion: 95 Resp: 287004

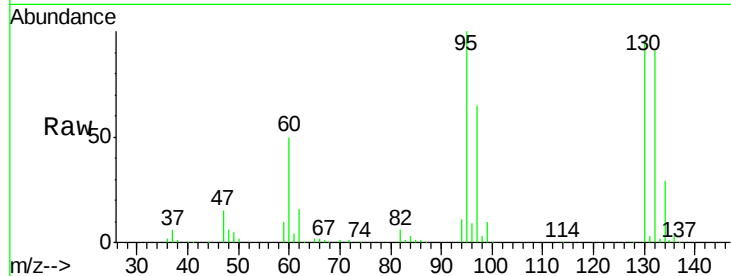
Ion Ratio Lower Upper

95 100

97 64.6 45.5 84.5

132 90.9 67.5 125.4

130 96.3 69.9 129.9

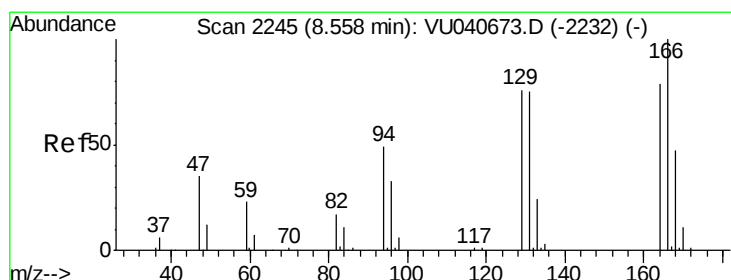
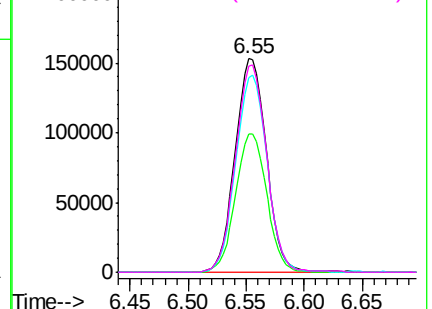
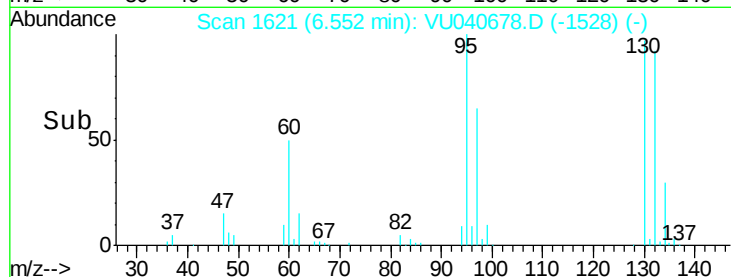


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 3.959 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040678.D

Acq: 13 Oct 2020 13:30

Tgt Ion: 164 Resp: 31930

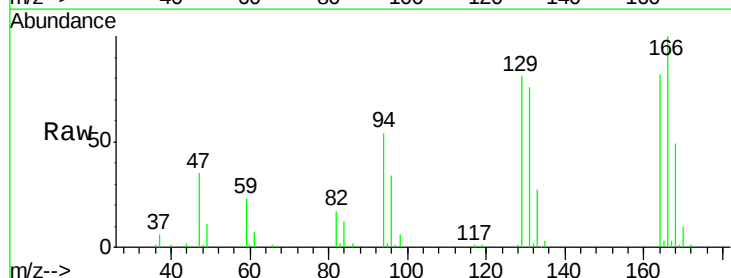
Ion Ratio Lower Upper

164 100

129 98.9 68.8 127.8

131 92.0 66.7 123.9

166 121.5 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

