

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101320\
 Data File : VU040680.D
 Acq On : 13 Oct 2020 14:16
 Operator : SY/MD
 Sample : L4346-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ5

Quant Time: Oct 14 07:26:10 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	122997	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127071	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52995	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	39606	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.93	69	35157	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.58	63	62697	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.66	46	168653	51.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.42%
24) Chloroform-d	5.08	84	84466	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	52128	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.74	84	149687	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.70	67	54483	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	119705	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.19	79	20848	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	118887	47.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47906	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	49890	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

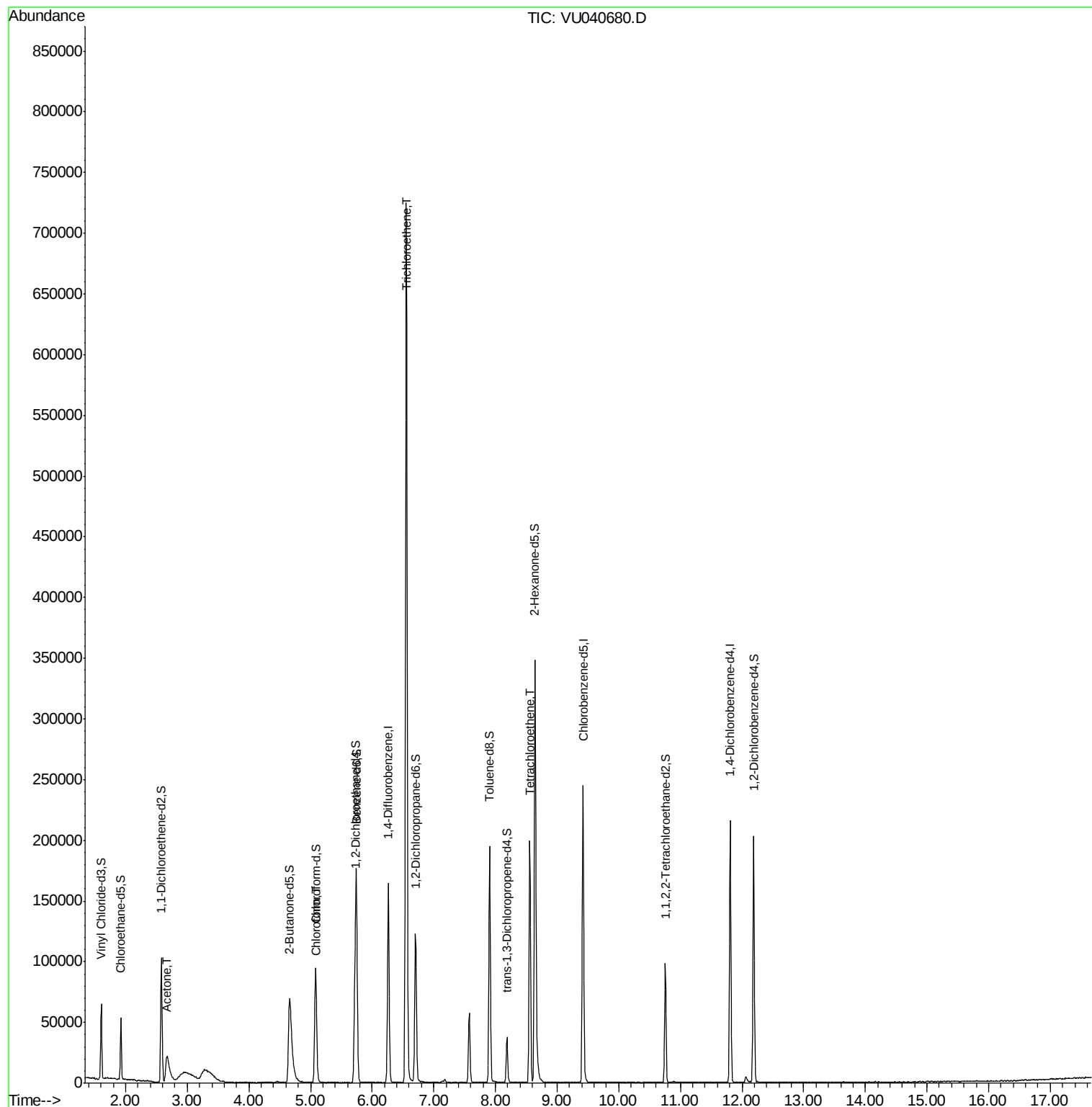
					Ovalue
13) Acetone	2.67	43	64565	25.540	ug/L 100
25) Chloroform	5.11	83	5258	0.271	ug/L 96
34) Trichloroethene	6.56	95	238770	22.563	ug/L 98
47) Tetrachloroethene	8.56	164	41627	5.514	ug/L 95

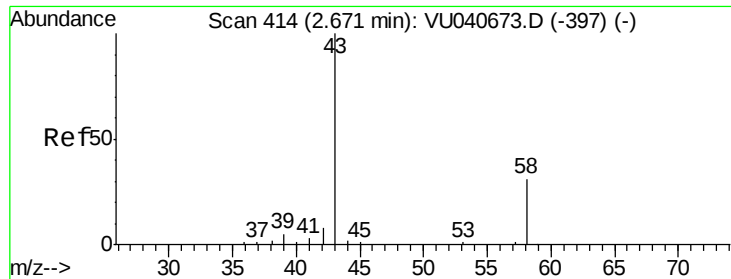
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.540 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU040680.D

Acq: 13 Oct 2020 14:16

Instrument :

MSVOA_U

ClientSampled :

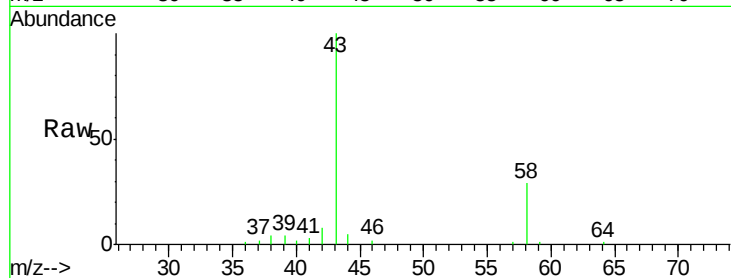
YQZ5

Tot Ion: 43 Resp: 64565

Ion Ratio Lower Upper

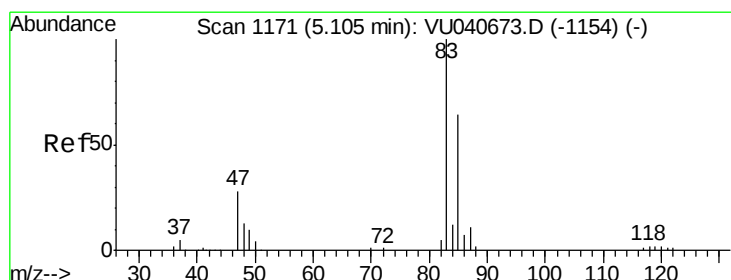
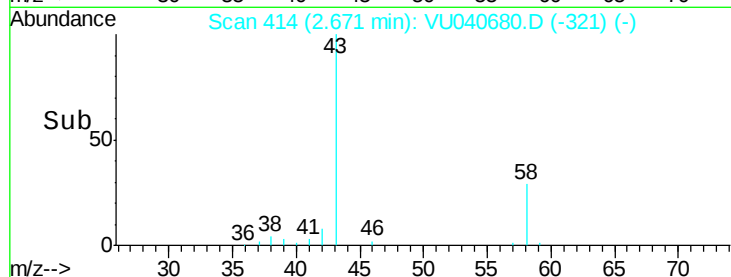
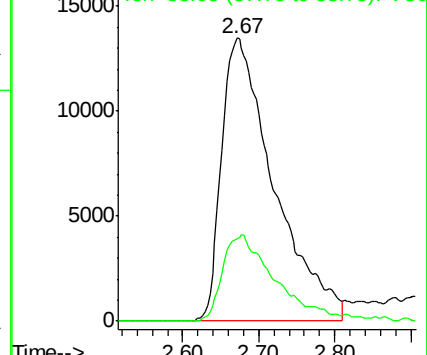
43 100

58 30.3 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040680.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU040680.D (-321) (-)



#25

Chloroform

Concen: 0.271 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040680.D

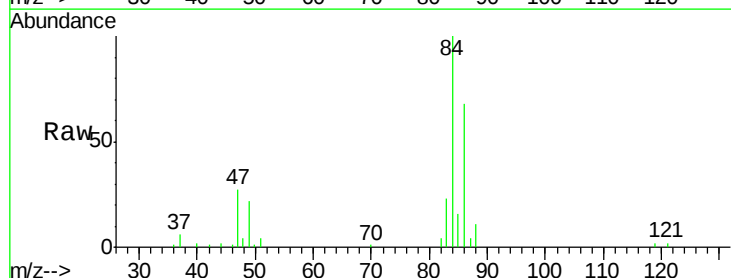
Acq: 13 Oct 2020 14:16

Tgt Ion: 83 Resp: 5258

Ion Ratio Lower Upper

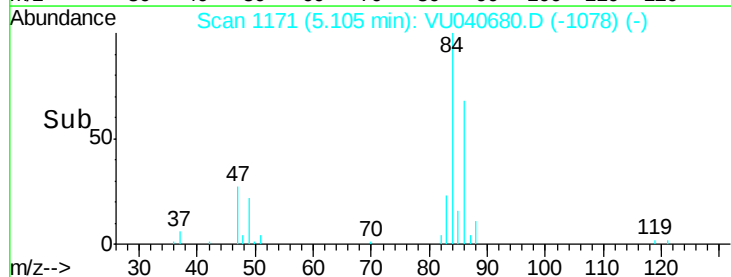
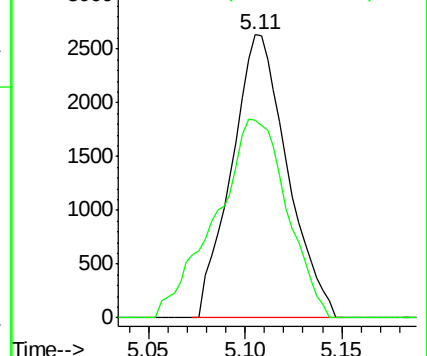
83 100

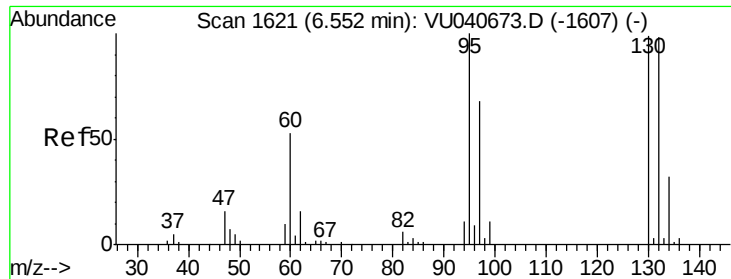
85 70.0 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040680.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040680.D (-1078) (-)

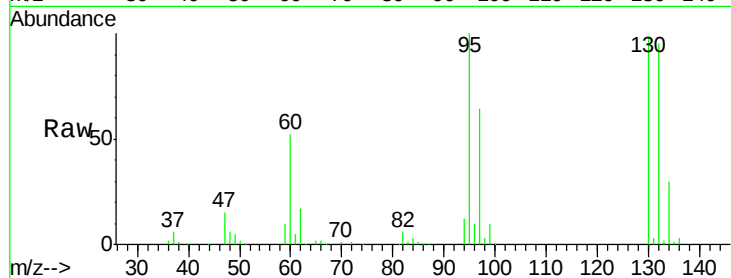




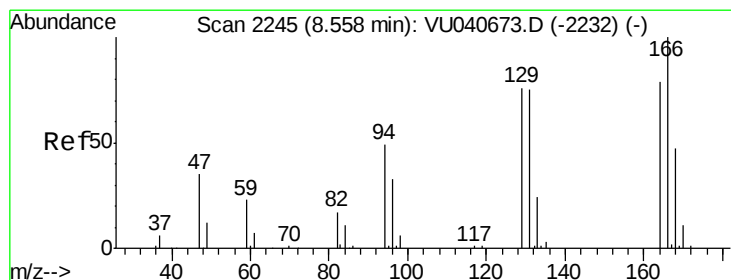
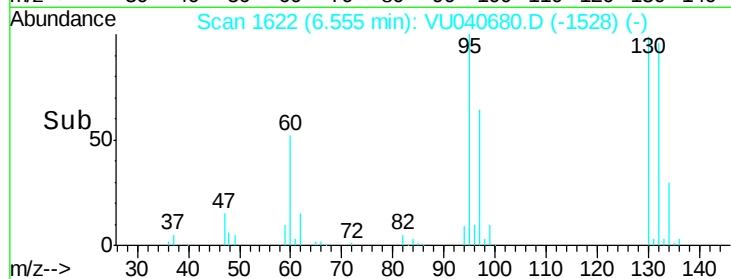
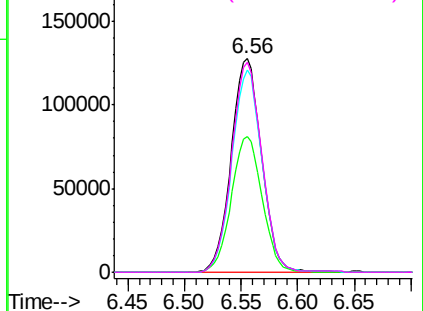
#34
 Trichloroethene
 Concen: 22.563 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040680.D
 Acq: 13 Oct 2020 14:16

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion: 95 Resp: 238770
 Ion Ratio Lower Upper
 95 100
 97 63.6 45.5 84.5
 132 94.5 67.5 125.4
 130 98.1 69.9 129.9

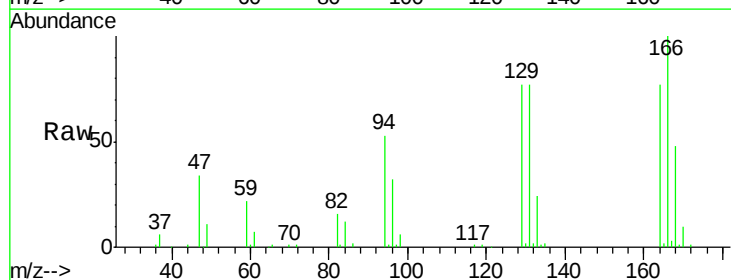


Abundance Ion 95.00 (94.70 to 95.70): VU040680.D (-1528) (-)
 Ion 96.95 (96.65 to 97.65): VU040680.D (-1528) (-)
 Ion 131.95 (131.65 to 132.65): VU040680.D (-1528) (-)
 Ion 129.95 (129.65 to 130.65): VU040680.D (-1528) (-)



#47
 Tetrachloroethene
 Concen: 5.514 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU040680.D
 Acq: 13 Oct 2020 14:16

Tgt Ion: 164 Resp: 41627
 Ion Ratio Lower Upper
 164 100
 129 100.0 68.8 127.8
 131 99.9 66.7 123.9
 166 129.3 83.9 155.7



Abundance Ion 163.90 (163.60 to 164.60): VU040680.D (-2152) (-)
 Ion 128.95 (128.65 to 129.65): VU040680.D (-2152) (-)
 Ion 130.95 (130.65 to 131.65): VU040680.D (-2152) (-)
 Ion 165.90 (165.60 to 166.60): VU040680.D (-2152) (-)

