

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101620\
 Data File : VU040750.D
 Acq On : 16 Oct 2020 15:33
 Operator : SY/MD
 Sample : L4419-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ4

Quant Time: Oct 17 01:07:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 23:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112322	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116247	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49039	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38641	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.92	69	35916	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.58	63	63562	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.66	46	161133	54.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.20%
24) Chloroform-d	5.08	84	86936	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.72	65	53236	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.75	84	152837	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.70	67	54331	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.91	98	120214	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	18315	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.64	63	106908	47.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47345	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	49500	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

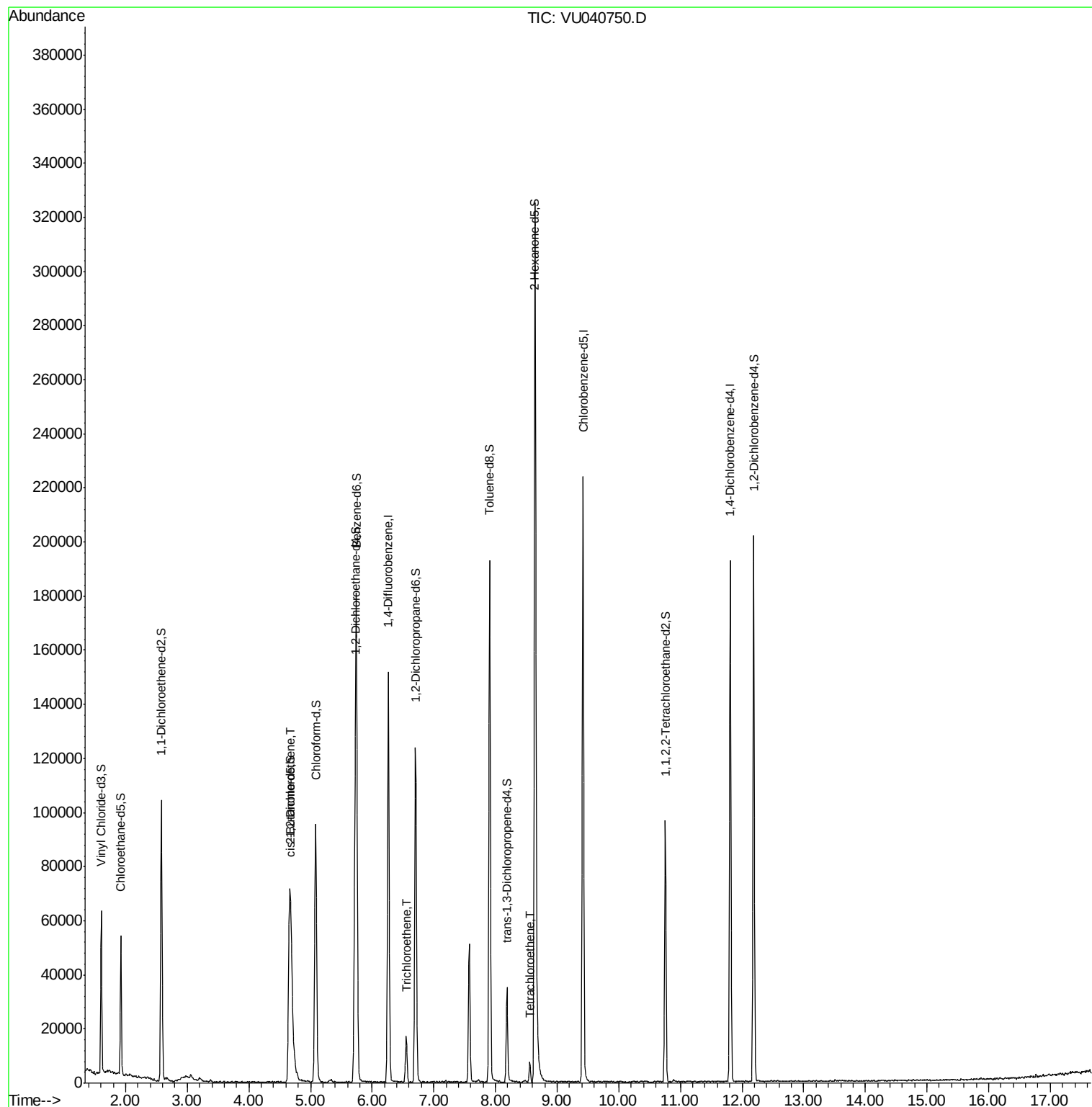
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.69	96	5583	0.617 ug/L	92
34) Trichloroethene	6.56	95	5434	0.561 ug/L	91
47) Tetrachloroethene	8.56	164	1447	0.210 ug/L #	80

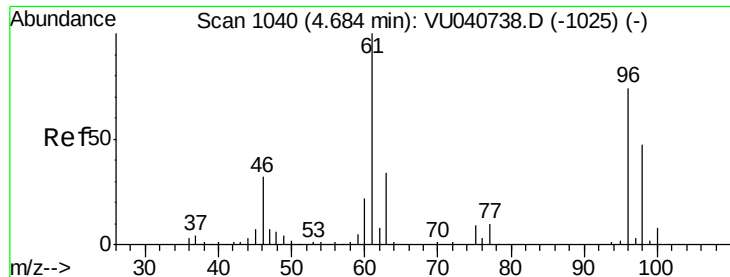
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.617 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040750.D

Acq: 16 Oct 2020 15:33

Instrument :

MSVOA_U

ClientSampleId :

C0AJ4

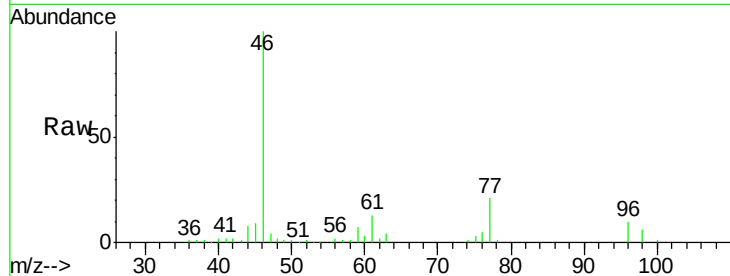
Tot Ion: 96 Resp: 5583

Ion Ratio Lower Upper

96 100

61 132.6 99.8 185.4

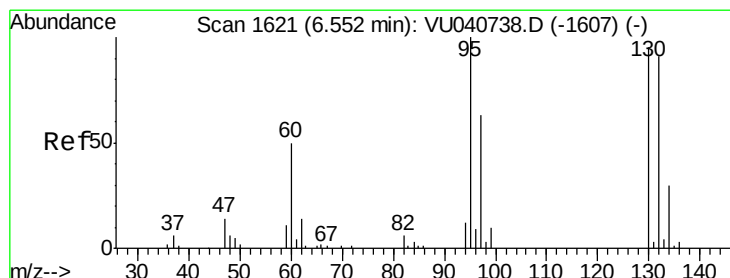
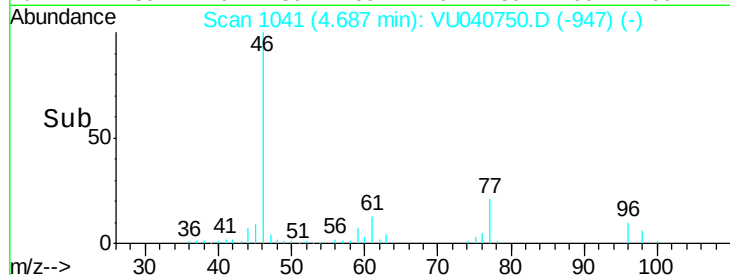
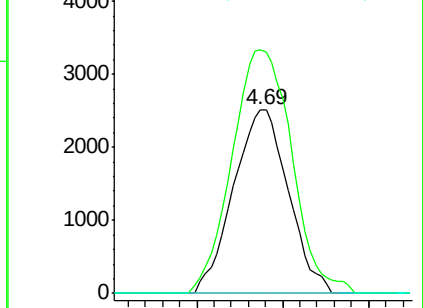
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040750.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU040750.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU040750.D (-947) (-)



#34

Trichloroethene

Concen: 0.561 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040750.D

Acq: 16 Oct 2020 15:33

Tgt Ion: 95 Resp: 5434

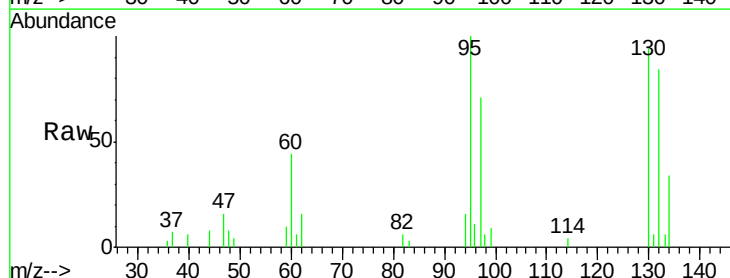
Ion Ratio Lower Upper

95 100

97 71.1 45.5 84.5

132 84.0 67.5 125.4

130 94.4 69.9 129.9

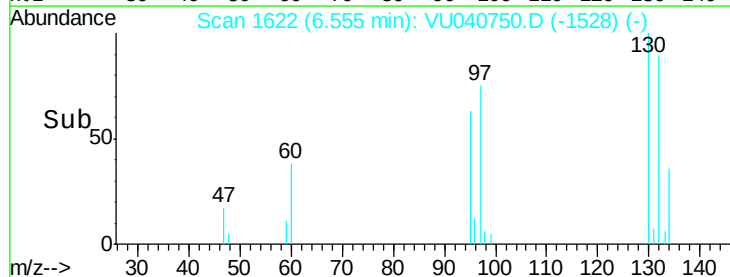
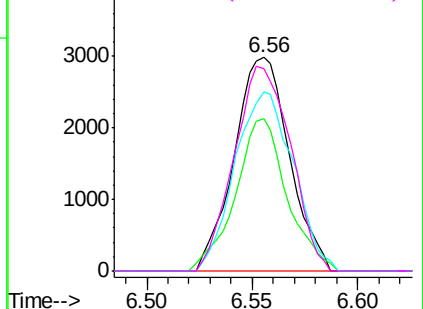


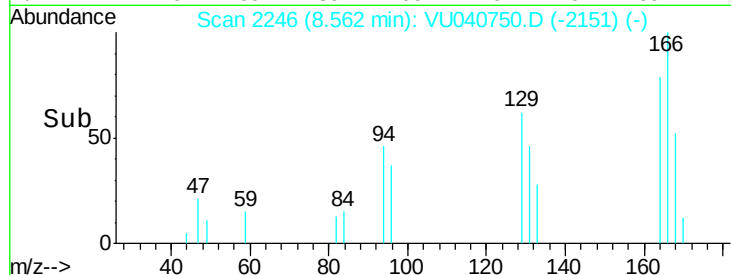
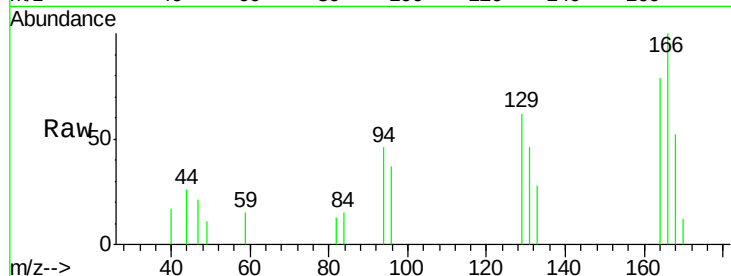
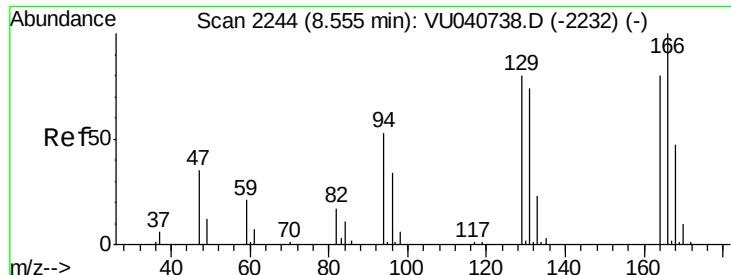
Abundance Ion 95.00 (94.70 to 95.70): VU040750.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU040750.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU040750.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU040750.D (-1528) (-)





#47

Tetrachloroethene

Concen: 0.210 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VU040750.D

Acq: 16 Oct 2020 15:33

Instrument :

MSVOA_U

ClientSampleId :

C0AJ4

Tot Ion:164 Resp: 1447

Ion Ratio Lower Upper

164 100

129 77.9 68.8 127.8

131 58.2 66.7 123.9#

166 126.2 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

