

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102020\
 Data File : VU040857.D
 Acq On : 20 Oct 2020 19:06
 Operator : SY/MD
 Sample : L4428-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ50

Quant Time: Oct 21 01:34:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 23:49:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114355	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123210	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52459	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	42256	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.92	69	37281	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	64558	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.65	46	172310	56.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.66%
24) Chloroform-d	5.08	84	89644	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.72	65	54179	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.74	84	156502	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	54376	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	125195	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.19	79	20345	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	125029	51.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51658	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	53236	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

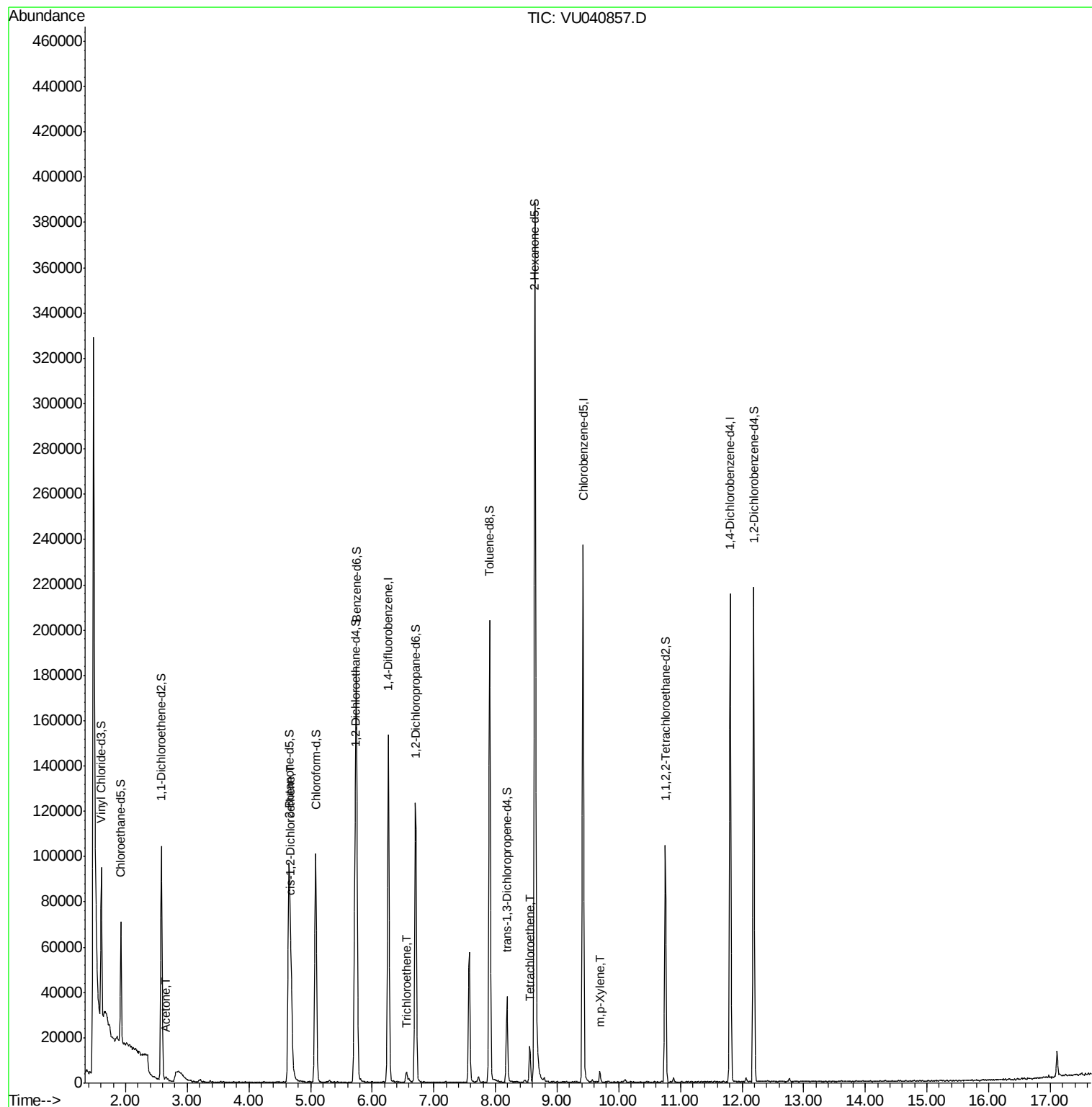
					Ovalue
13) Acetone	2.66	43	3288	1.399 ug/L	80
22) cis-1,2-Dichloroethene	4.69	96	12260	1.331 ug/L	95
34) Trichloroethene	6.56	95	1169	0.114 ug/L	96
47) Tetrachloroethene	8.56	164	3270	0.447 ug/L	94
53) m,p-Xylene	9.70	106	1536	0.097 ug/L	83

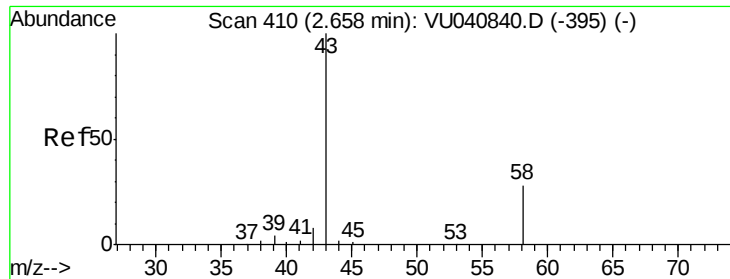
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.399 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU040857.D

Acq: 20 Oct 2020 19:06

Instrument :

MSVOA_U

ClientSampleId :

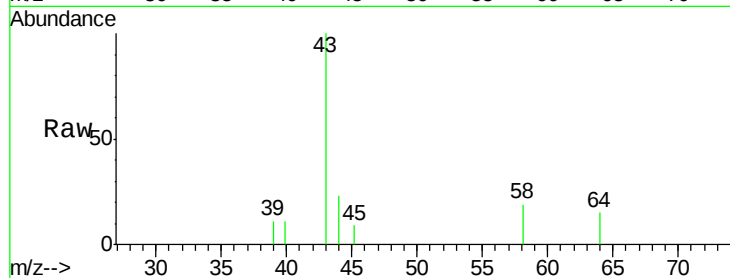
ETZ50

Tot Ion: 43 Resp: 3288

Ion Ratio Lower Upper

43 100

58 19.3 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040840.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040840.D (-395) (-)

2.66

1500

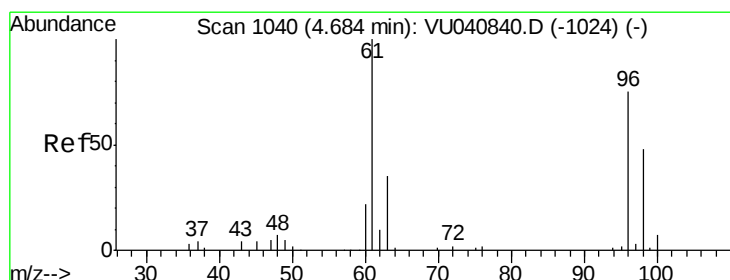
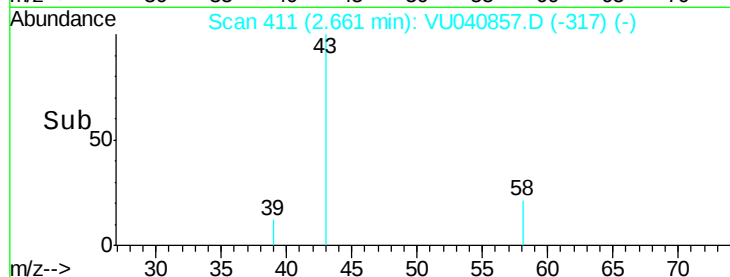
1000

500

0

2.60 2.65 2.70

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.331 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040857.D

Acq: 20 Oct 2020 19:06

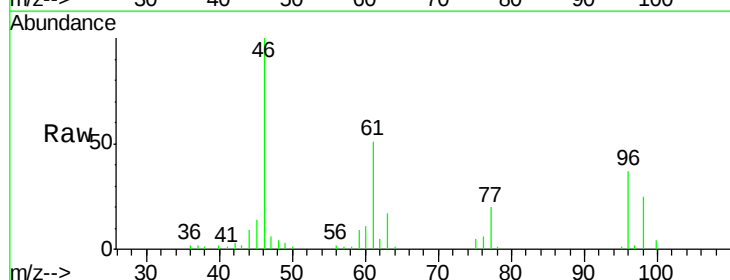
Tgt Ion: 96 Resp: 12260

Ion Ratio Lower Upper

96 100

61 136.4 99.8 185.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040840.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU040840.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU040840.D (-1024) (-)

10000

8000

6000

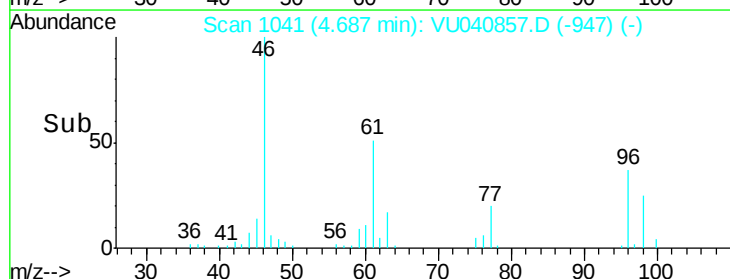
4000

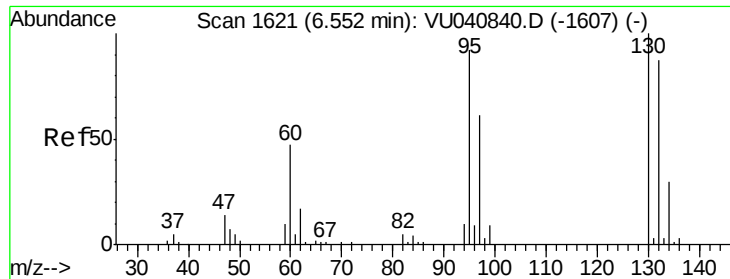
2000

0

4.60 4.65 4.70 4.75

Time-->





#34

Trichloroethene

Concen: 0.114 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040857.D

Acq: 20 Oct 2020 19:06

Instrument :

MSVOA_U

ClientSampleId :

ETZ50

Tot Ion: 95 Resp: 1169

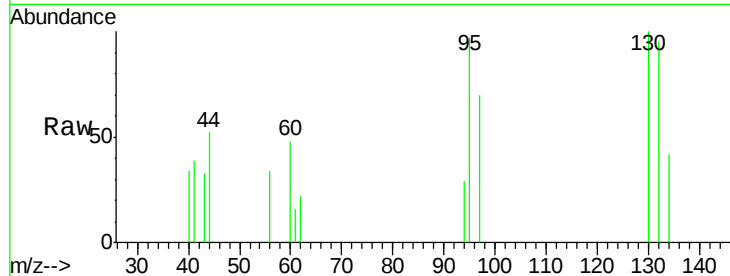
Ion Ratio Lower Upper

95 100

97 71.6 45.5 84.5

132 98.1 67.5 125.4

130 102.8 69.9 129.9

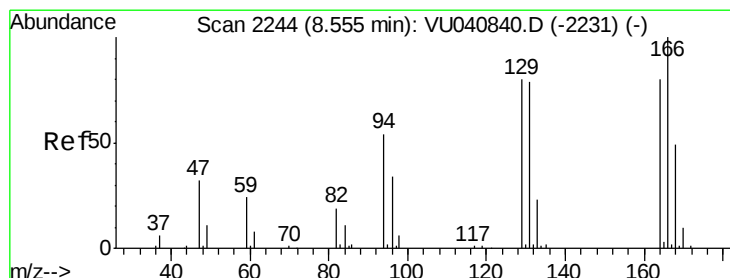
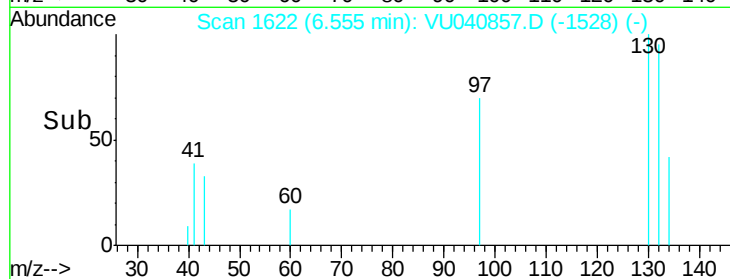
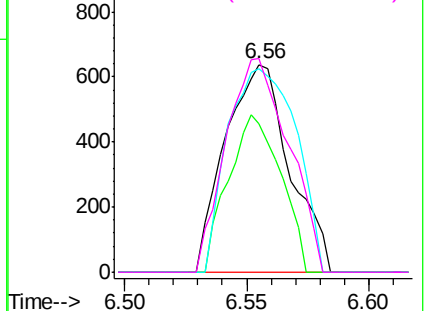


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.447 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040857.D

Acq: 20 Oct 2020 19:06

Tgt Ion: 164 Resp: 3270

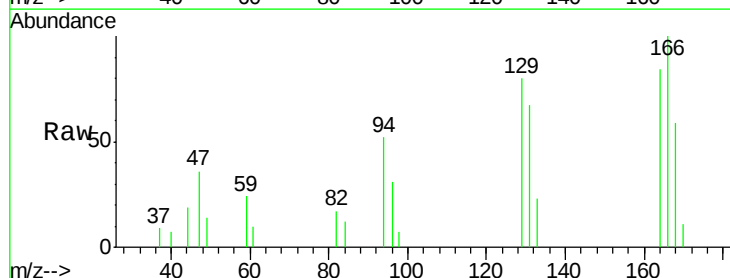
Ion Ratio Lower Upper

164 100

129 95.9 68.8 127.8

131 80.2 66.7 123.9

166 119.6 83.9 155.7

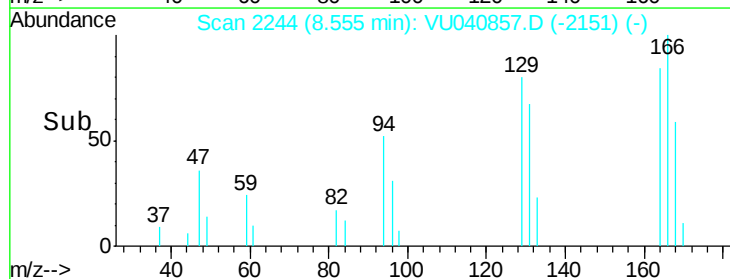
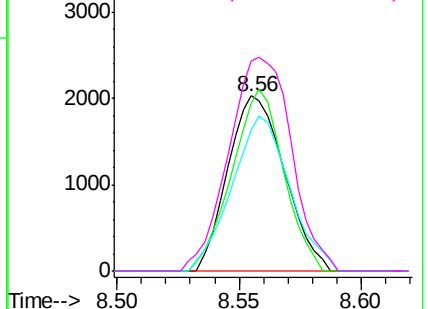


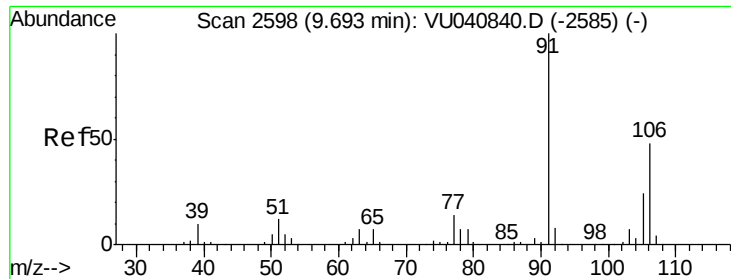
Abundance Ion 163.90 (163.60 to 164.60): V

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





#53
 m,p-Xylene
 Concen: 0.097 ug/L
 RT: 9.70 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: VU040857.D
 Acq: 20 Oct 2020 19:06

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ50

Tot Ion:106 Resp: 1536
 Ion Ratio Lower Upper
 106 100
 91 185.6 148.5 275.7

