

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011320\
 Data File : VU036444.D
 Acq On : 13 Jan 2020 18:38
 Operator : JC/MD
 Sample : L1090-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ2

Quant Time: Jan 14 16:48:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 14 16:20:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	530448	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	513015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	194315	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134941	32.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.30%
7) Chloroethane-d5	1.93	69	137939	39.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.12%
11) 1,1-Dichloroethene-d2	2.59	63	221773	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	4.68	46	318141	103.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.36%
24) Chloroform-d	5.11	84	341612	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
26) 1,2-Dichloroethane-d4	5.75	65	235992	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	5.77	84	666104	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
36) 1,2-Dichloropropane-d6	6.73	67	224053	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.93	98	605817	44.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.38%
43) trans-1,3-Dichloropropene-	8.21	79	114779	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.67	63	238993	96.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.74%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	344922	47.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.96%
64) 1,2-Dichlorobenzene-d4	12.22	152	202602	49.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.42%

Target Compounds

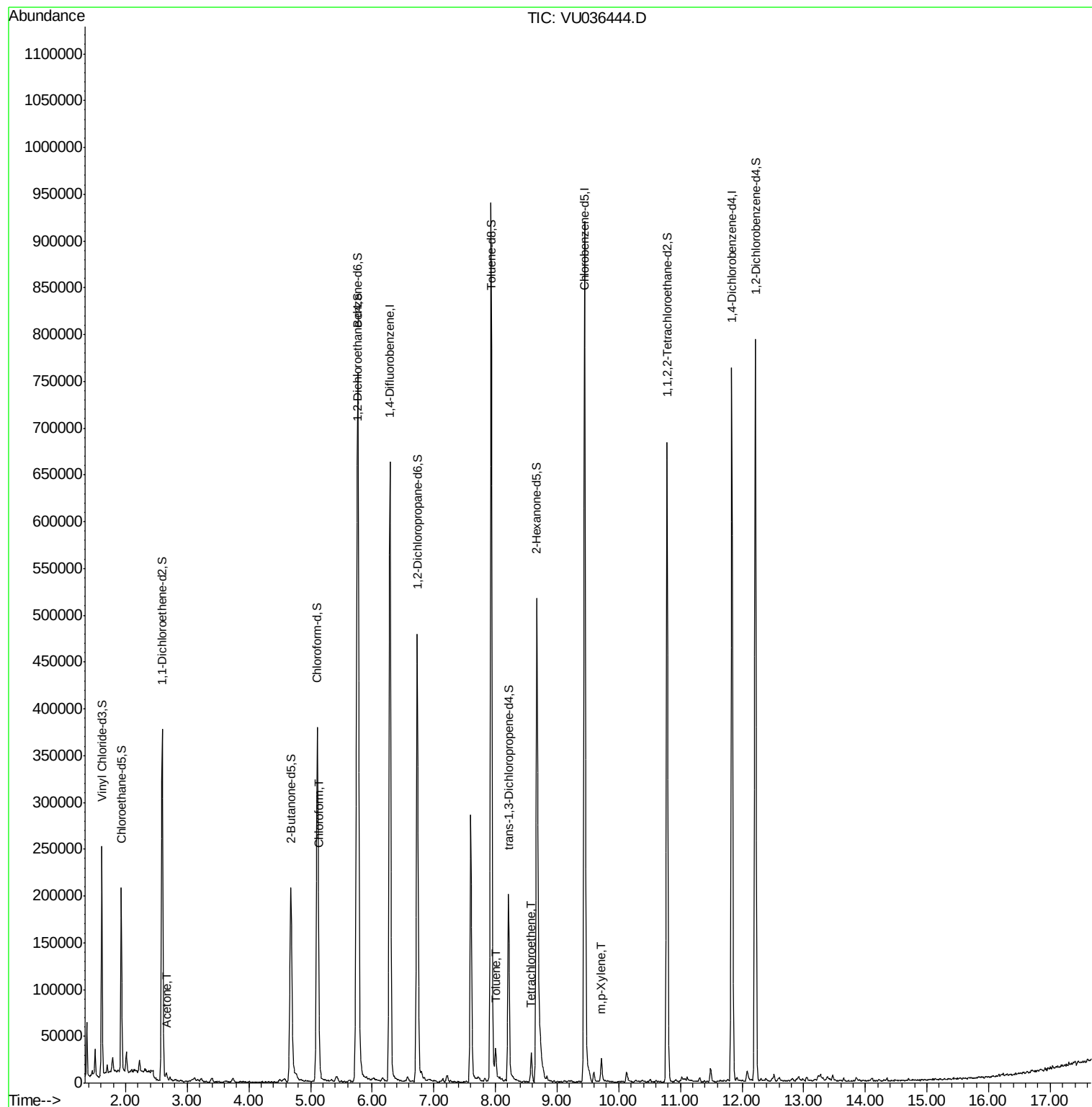
					Ovalue
13) Acetone	2.66	43	6619	2.073 ug/L	84
25) Chloroform	5.14	83	20710	2.926 ug/L	96
42) Toluene	8.00	91	19677	1.186 ug/L	96
46) Tetrachloroethene	8.58	164	6198	2.217 ug/L	91
53) m,p-Xylene	9.72	106	6858	0.979 ug/L	83

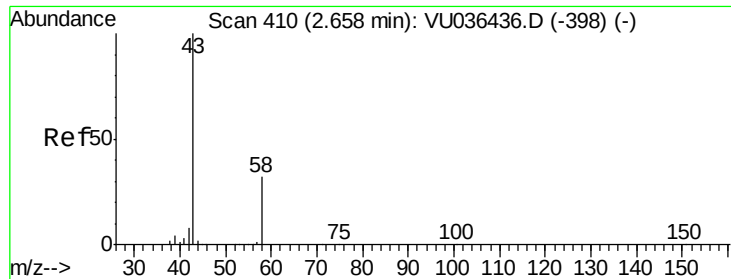
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.073 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036444.D

Acq: 13 Jan 2020 18:38

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MSVOA_U

ClientSampleId :

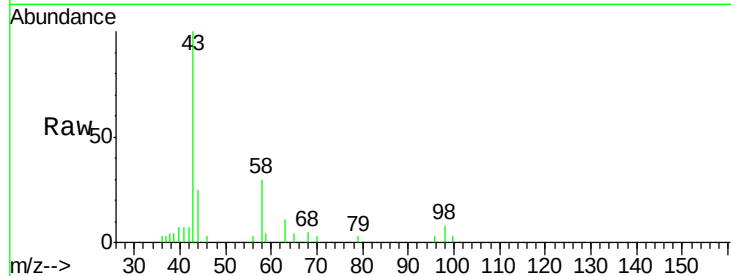
ETOQ2

Tot Ion: 43 Resp: 6619

Ion Ratio Lower Upper

43 100

58 23.8 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.66

4000

3000

2000

1000

0

Time--> 2.60 2.65 2.70

Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.66

4000

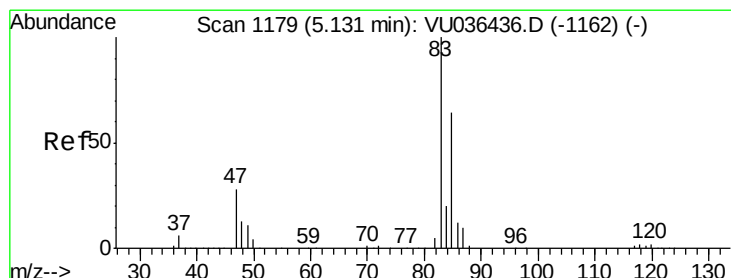
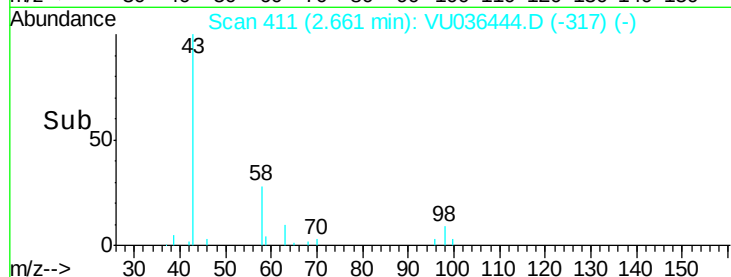
3000

2000

1000

0

Time--> 2.60 2.65 2.70



#25

Chloroform

Concen: 2.926 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VU036444.D

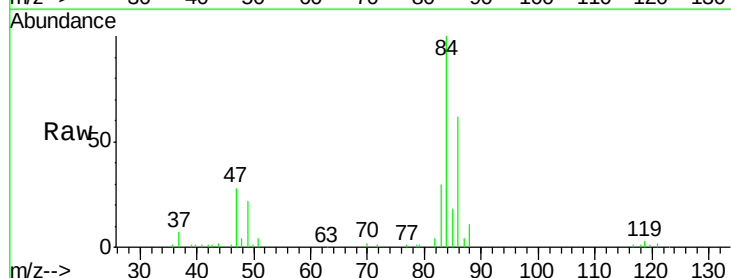
Acq: 13 Jan 2020 18:38

Tgt Ion: 83 Resp: 20710

Ion Ratio Lower Upper

83 100

85 59.8 43.9 81.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

5.14

10000

8000

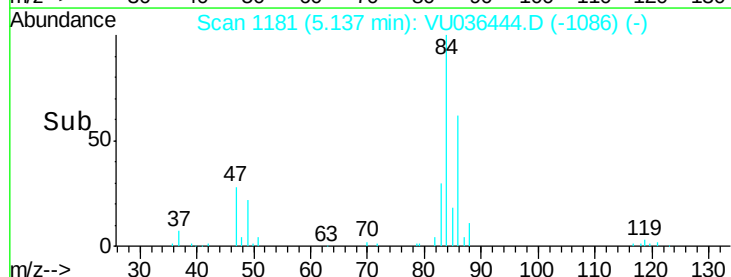
6000

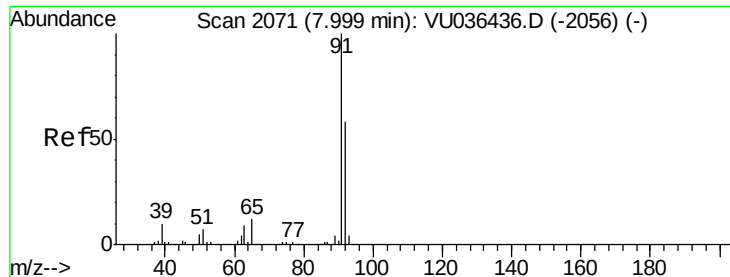
4000

2000

0

Time--> 5.05 5.10 5.15 5.20





#42

Toluene

Concen: 1.186 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

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Acq: 13 Jan 2020 18:38

Instrument :

MSVOA_U

ClientSampleId :

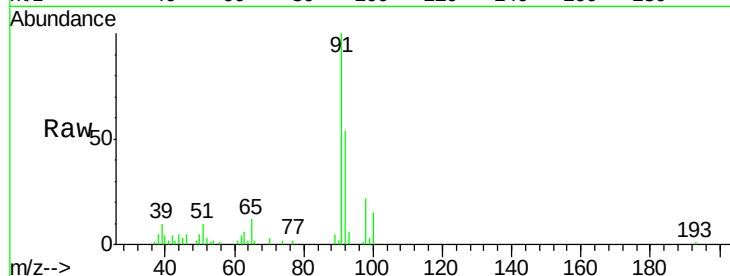
ETOQ2

Tot Ion: 91 Resp: 19677

Ion Ratio Lower Upper

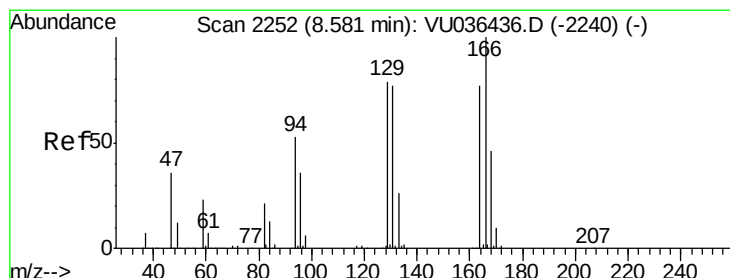
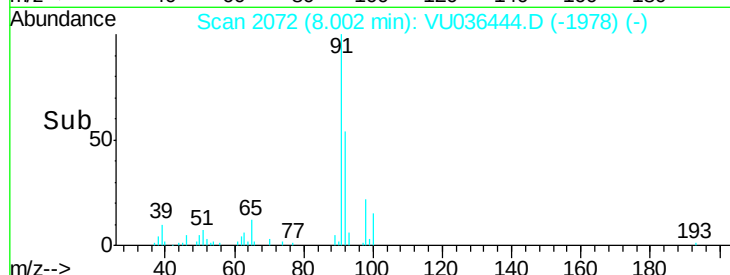
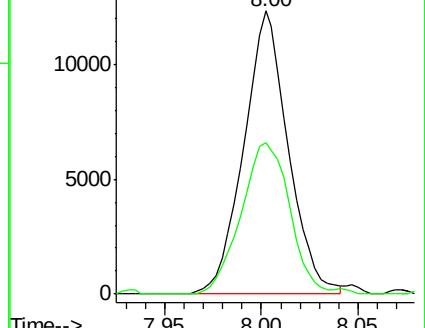
91 100

92 53.7 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VU036444.D (-1978) (-)

Ion 92.00 (91.70 to 92.70): VU036444.D (-1978) (-)



#46

Tetrachloroethene

Concen: 2.217 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036444.D

Acq: 13 Jan 2020 18:38

Tgt Ion: 164 Resp: 6198

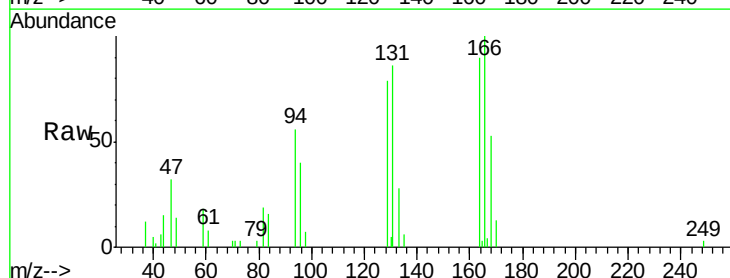
Ion Ratio Lower Upper

164 100

129 87.4 70.0 130.0

131 95.2 70.1 130.1

166 115.1 87.2 161.9

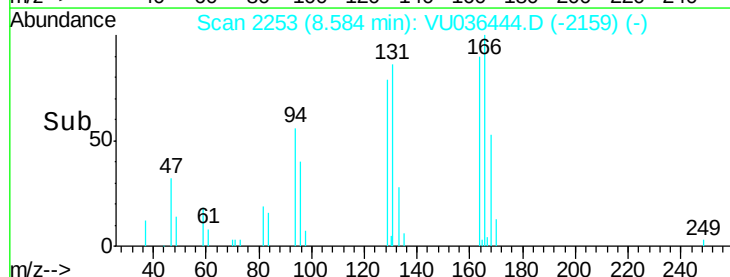
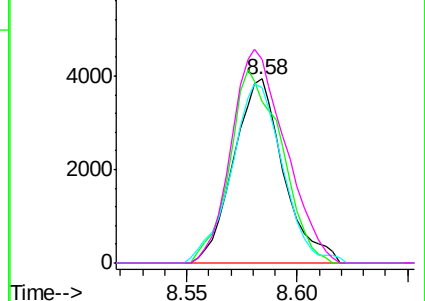


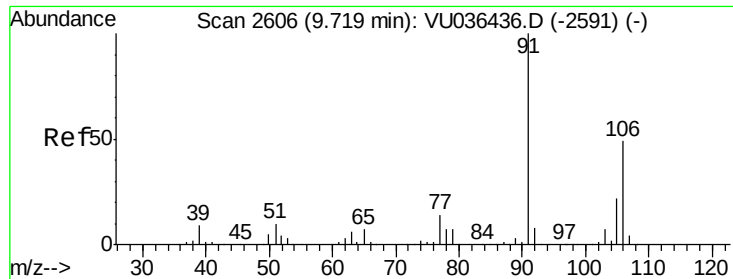
Abundance Ion 164.00 (163.70 to 164.70): VU036444.D (-2159) (-)

Ion 129.00 (128.70 to 129.70): VU036444.D (-2159) (-)

Ion 131.00 (130.70 to 131.70): VU036444.D (-2159) (-)

Ion 166.00 (165.70 to 166.70): VU036444.D (-2159) (-)





#53

m,p-Xylene

Concen: 0.979 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VU036444.D

Acq: 13 Jan 2020 18:38

Instrument :
MSVOA_U
ClientSampleId :
ETOQ2

Tot Ion:106 Resp: 6858

Ion Ratio Lower Upper

106 100

91 183.2 146.8 272.6

