

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037706.D
 Acq On : 14 Apr 2020 18:38
 Operator : JC/MD
 Sample : L2275-06
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQC4

Quant Time: Apr 15 03:51:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 03:02:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	289333	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	273960	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	133162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116494	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.93	69	97334	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.59	63	149125	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.66	46	313803	52.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.38%
24) Chloroform-d	5.10	84	169207	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.74	65	102763	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.76	84	387086	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.72	67	126743	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.92	98	354801	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	8.20	79	55231	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.65	63	288643	52.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96033	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	125334	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

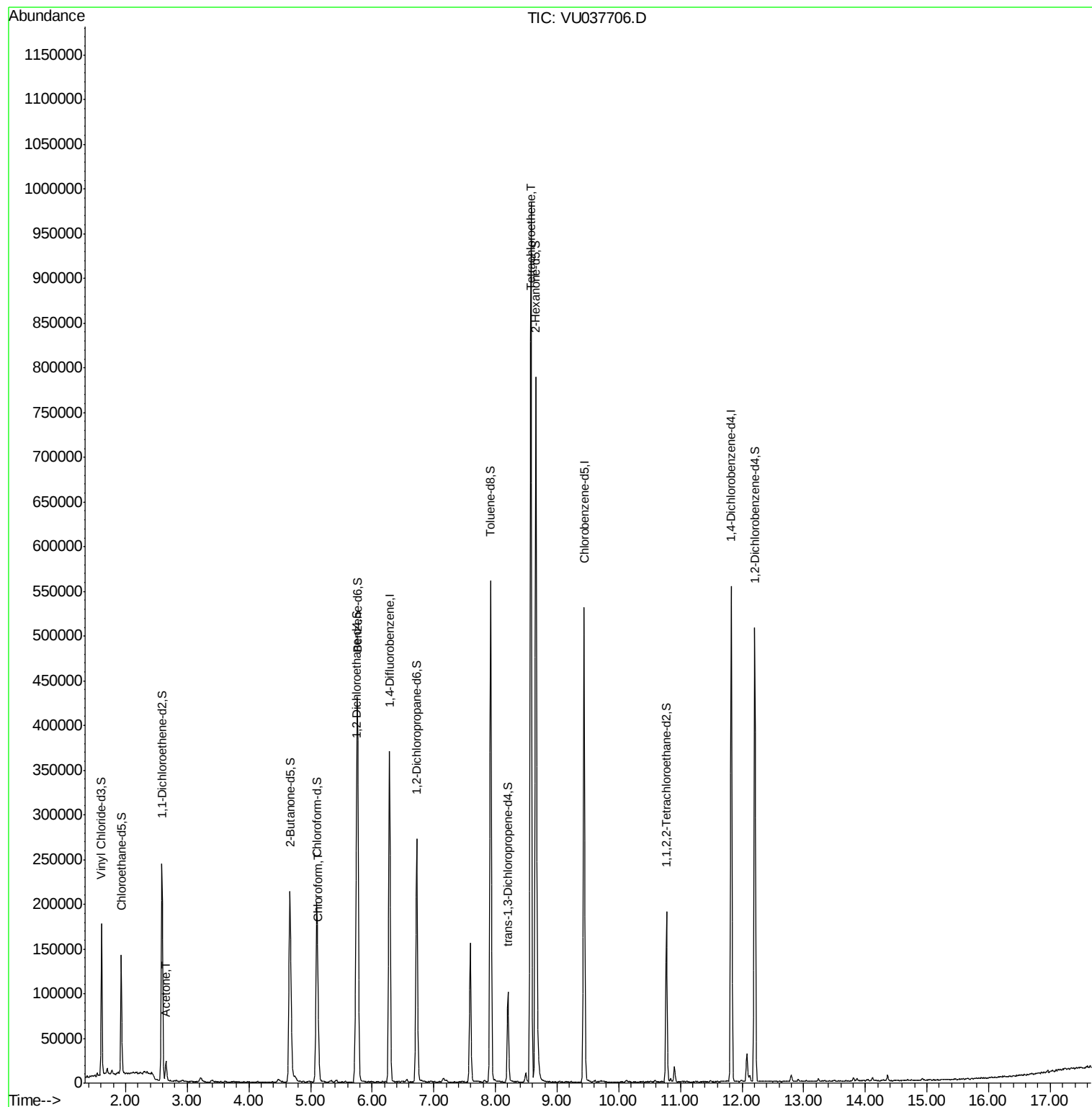
Target Compounds					Ovalue
13) Acetone	2.66	43	23971	6.046 ug/L	97
25) Chloroform	5.13	83	23625	0.594 ug/L	95
47) Tetrachloroethene	8.57	164	211988	13.262 ug/L	97

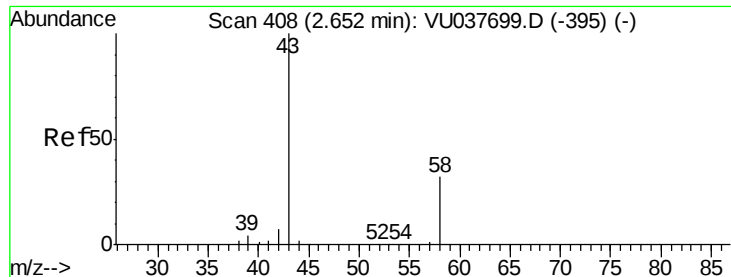
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.046 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

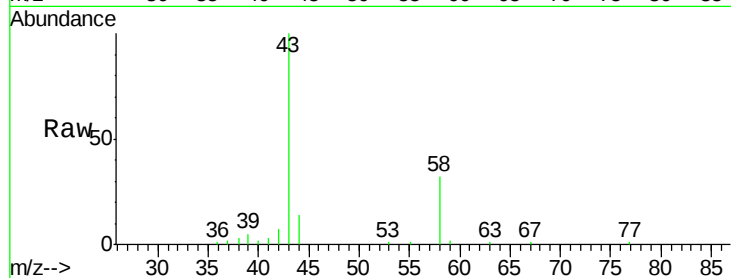
YAQC4

Tot Ion: 43 Resp: 23971

Ion Ratio Lower Upper

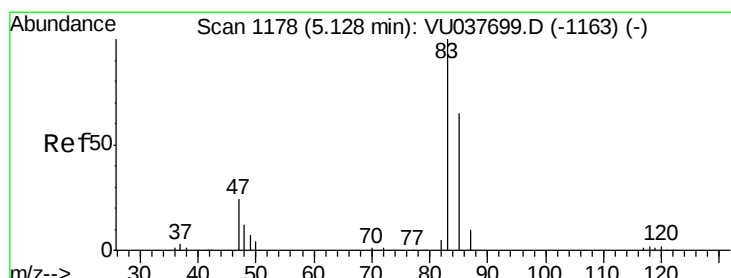
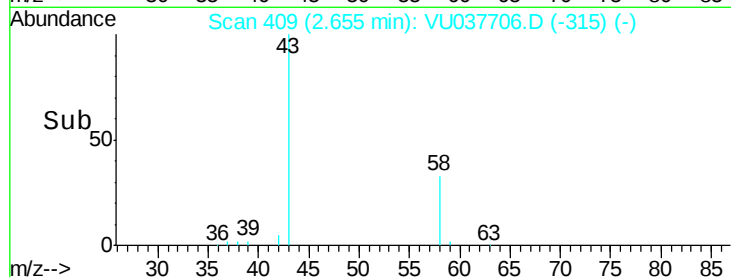
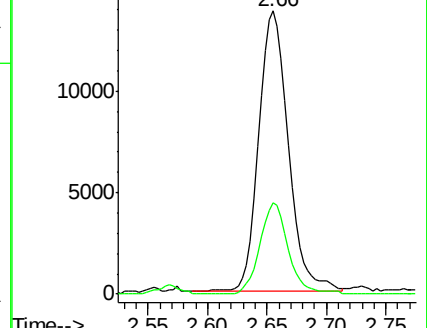
43 100

58 30.7 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037706.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU037706.D (-315) (-)



#25

Chloroform

Concen: 0.594 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU037706.D

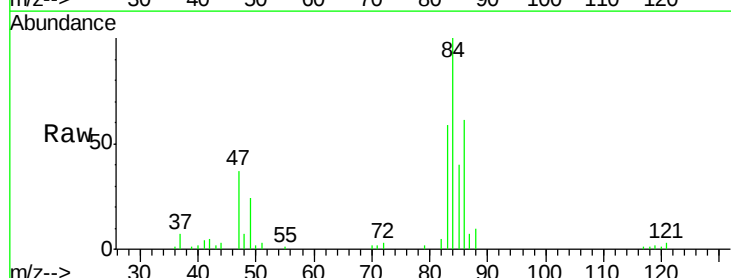
Acq: 14 Apr 2020 18:38

Tgt Ion: 83 Resp: 23625

Ion Ratio Lower Upper

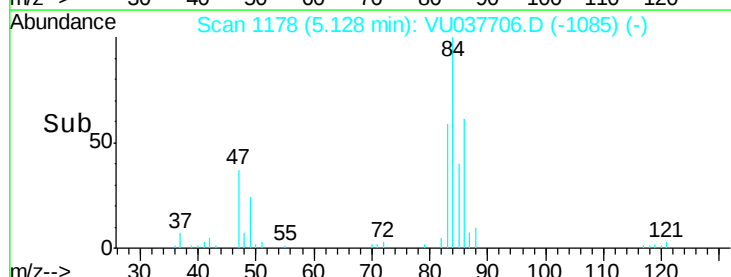
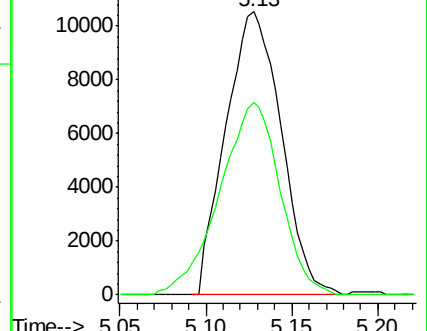
83 100

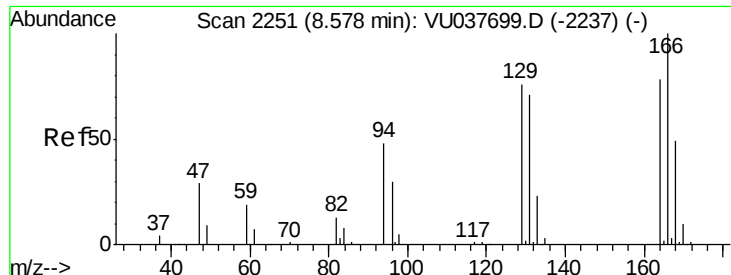
85 67.9 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU037706.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU037706.D (-1085) (-)





#47

Tetrachloroethene

Concen: 13.262 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037706.D

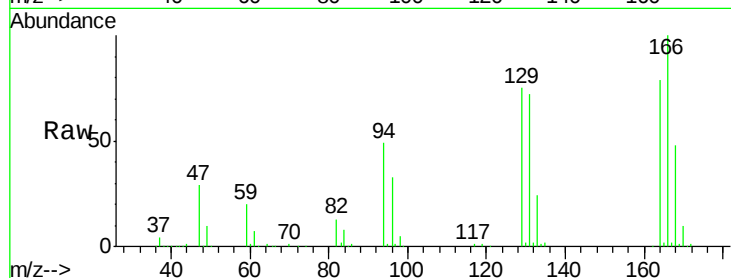
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Tot Ion:164 Resp: 211988

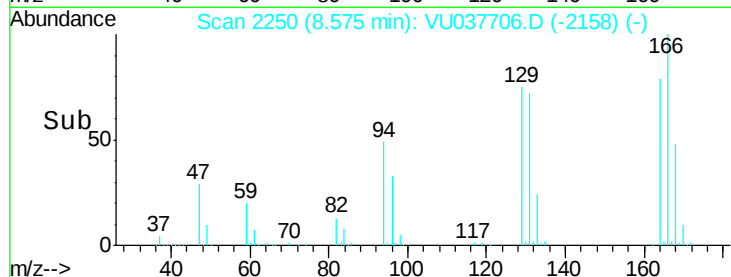
Ion Ratio Lower Upper

164 100

129 94.5 68.1 126.5

131 90.6 65.9 122.5

166 126.5 89.7 166.7



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

250000

200000

150000

100000

50000

0

8.50 8.55 8.60 8.65

Time-->