

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037665.D
 Acq On : 10 Apr 2020 12:15
 Operator : JC/MD
 Sample : L2212-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ET3

Quant Time: Apr 11 00:19:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 23:26:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	514744	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	487704	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	231001	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	173236	38.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.00%
7) Chloroethane-d5	1.93	69	156288	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.96%
11) 1,1-Dichloroethene-d2	2.59	63	235499	32.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.22%
21) 2-Butanone-d5	4.66	46	371280	101.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.84%
24) Chloroform-d	5.10	84	315501	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	5.74	65	226054	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
32) Benzene-d6	5.76	84	668653	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.72	67	229114	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.94%
41) Toluene-d8	7.92	98	603772	45.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.78%
43) trans-1,3-Dichloropropene-	8.20	79	117482	45.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.00%
47) 2-Hexanone-d5	8.65	63	269759	98.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.65%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	323260	47.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.84%
64) 1,2-Dichlorobenzene-d4	12.20	152	221697	46.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.24%

Target Compounds

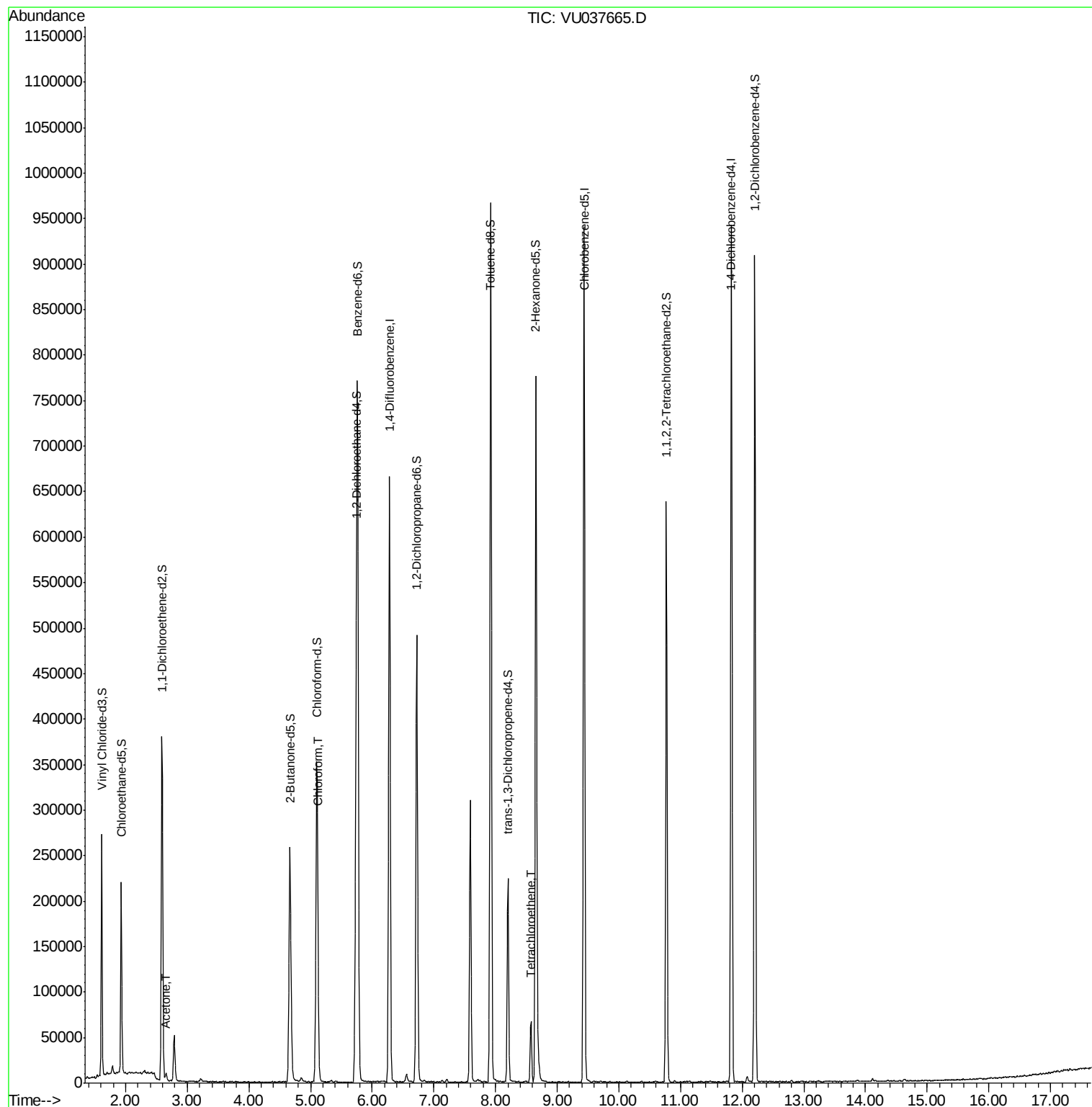
					Ovalue
13) Acetone	2.66	43	8579	3.984 ug/L	99
25) Chloroform	5.12	83	16333	2.508 ug/L	94
46) Tetrachloroethene	8.57	164	14424	5.306 ug/L	98

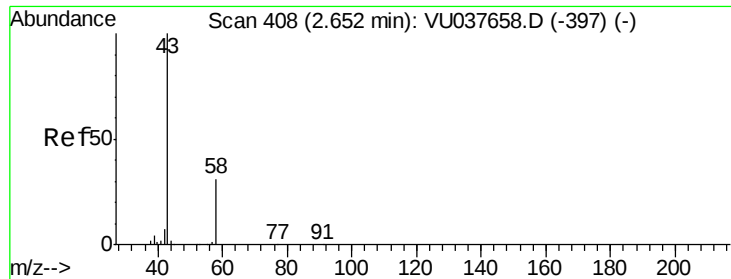
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.984 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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ClientSampleId :

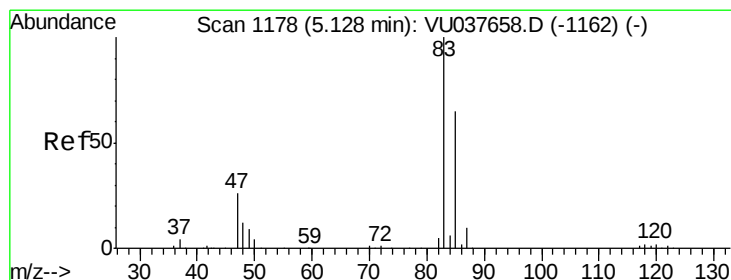
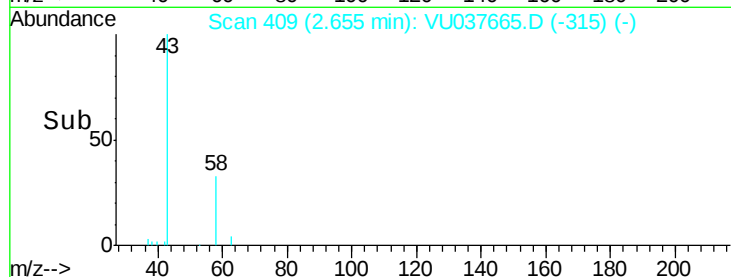
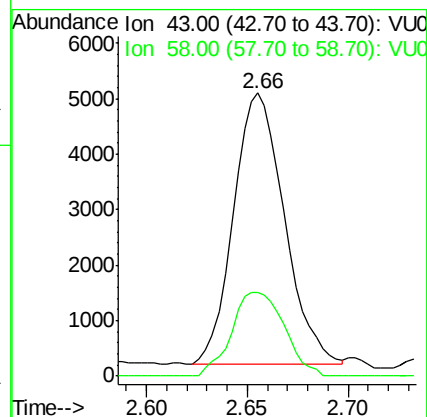
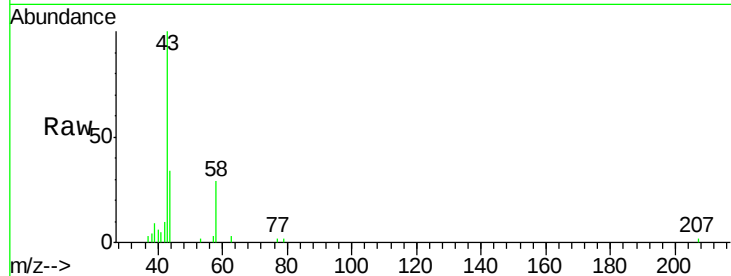
C0ET3

Tot Ion: 43 Resp: 8579

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.2



#25

Chloroform

Concen: 2.508 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

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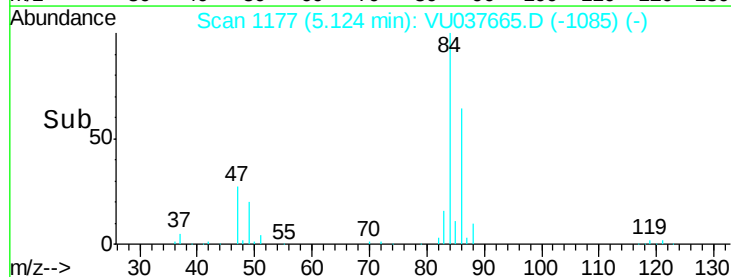
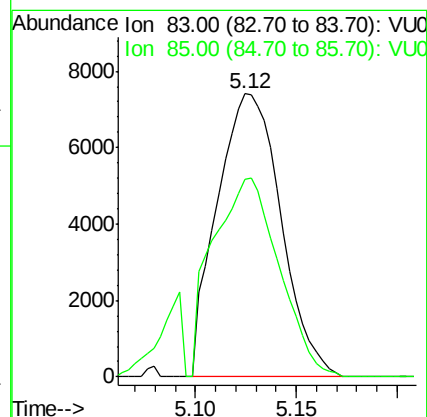
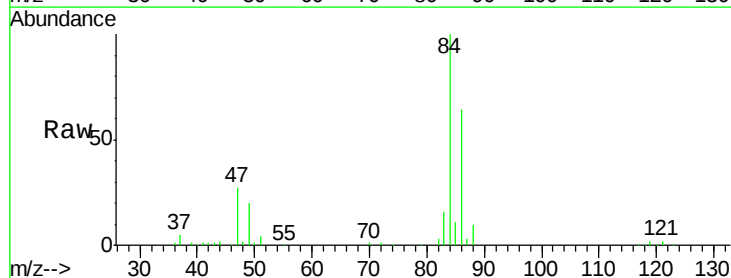
Acq: 10 Apr 2020 12:15

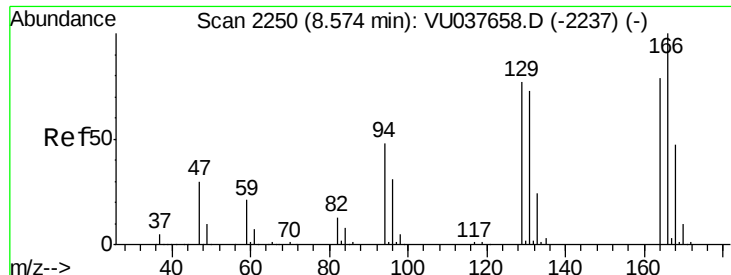
Tgt Ion: 83 Resp: 16333

Ion Ratio Lower Upper

83 100

85 69.8 45.5 84.5





#46

Tetrachloroethene

Concen: 5.306 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037665.D

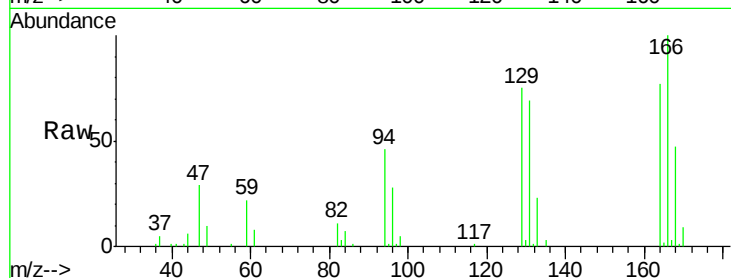
Acq: 10 Apr 2020 12:15

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Tot Ion:164 Resp: 14424

Ion Ratio Lower Upper

164 100

129 96.3 68.0 126.2

131 89.7 65.8 122.2

166 129.2 92.0 170.9

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

