

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011320\
 Data File : VU036441.D
 Acq On : 13 Jan 2020 17:23
 Operator : JC/MD
 Sample : L1090-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ5

Quant Time: Jan 14 16:23:41 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	454942	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	425387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	165136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	109549	30.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.80%
7) Chloroethane-d5	1.93	69	110321	36.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.78%
11) 1,1-Dichloroethene-d2	2.59	63	181138	29.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.98%#
21) 2-Butanone-d5	4.68	46	255418	96.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.75%
24) Chloroform-d	5.11	84	272229	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.74	65	191343	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
32) Benzene-d6	5.77	84	542936	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.68%
36) 1,2-Dichloropropane-d6	6.73	67	183713	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.52%
41) Toluene-d8	7.93	98	509298	44.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.21	79	93793	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.04%
47) 2-Hexanone-d5	8.67	63	180375	88.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.05%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	273353	45.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.76%
64) 1,2-Dichlorobenzene-d4	12.22	152	158083	45.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.28%

Target Compounds

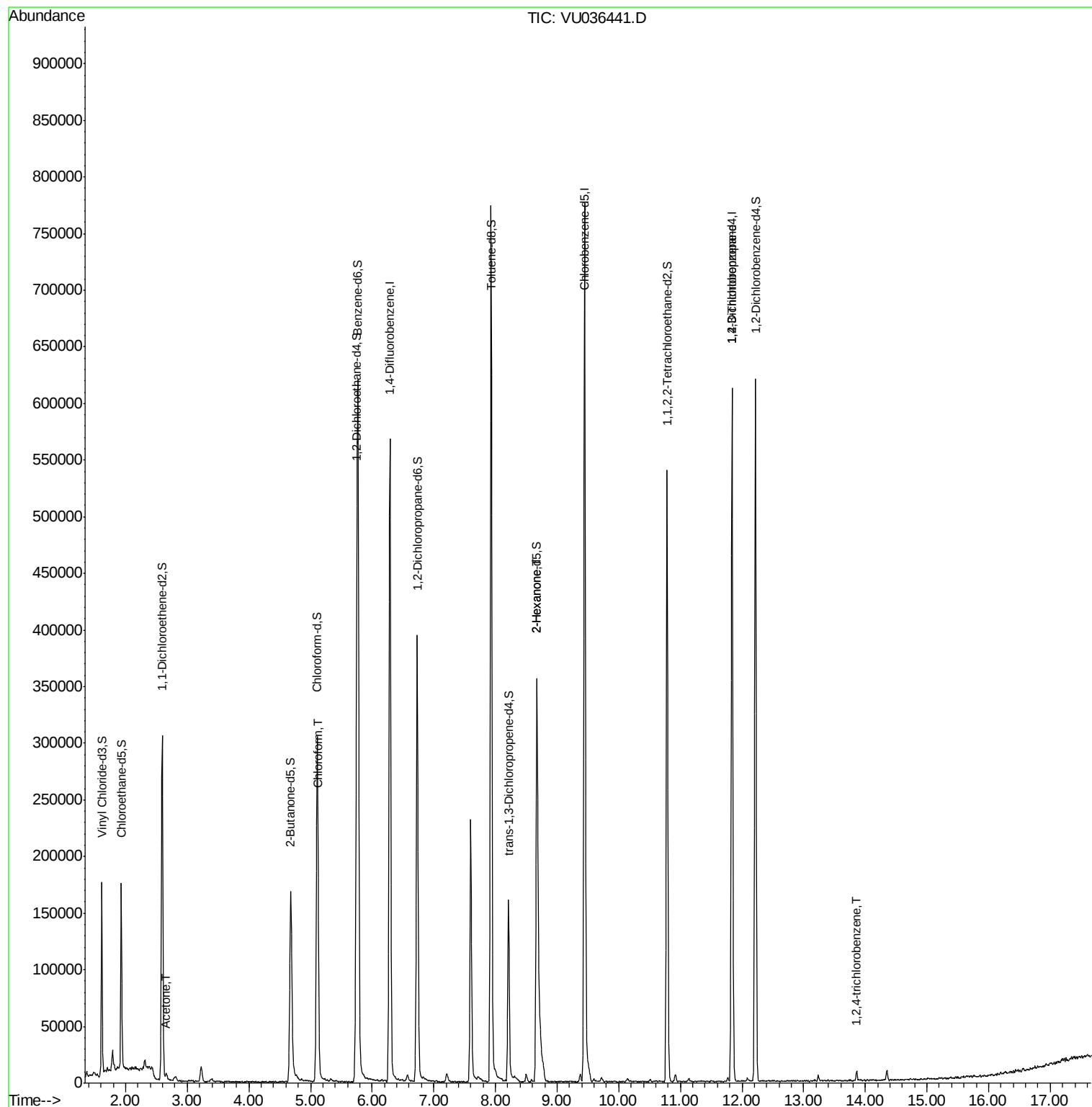
					Qvalue
13) Acetone	2.66	43	5205	1.901 ug/L	73
25) Chloroform	5.13	83	6153	1.014 ug/L	99
48) 2-Hexanone	8.67	43	17975	4.063 ug/L #	70
59) 1,2,3-Trichloropropane	11.84	75	22318	4.701 ug/L	92
68) 1,2,4-trichlorobenzene	13.86	180	2813	1.047 ug/L	89

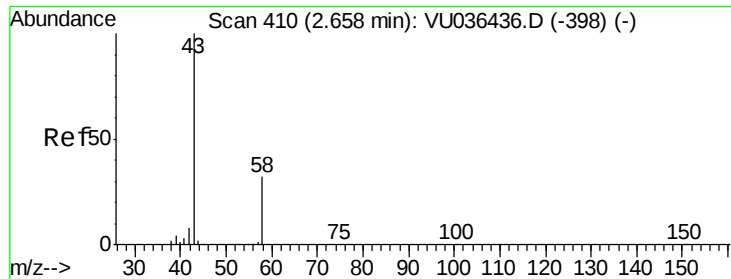
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.901 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU036441.D

Acq: 13 Jan 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

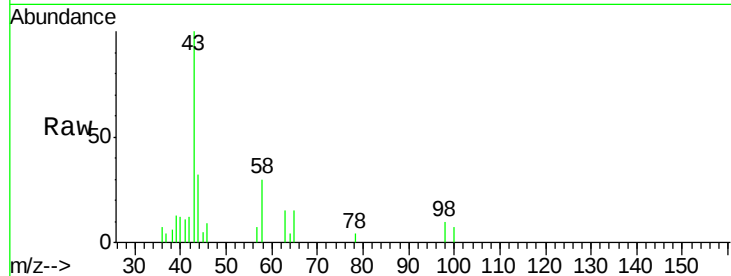
ETOQ5

Tgt Ion: 43 Resp: 5205

Ion Ratio Lower Upper

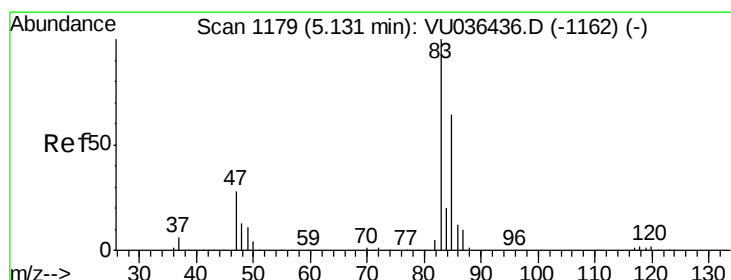
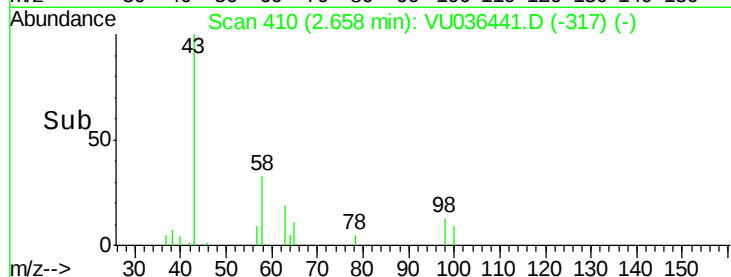
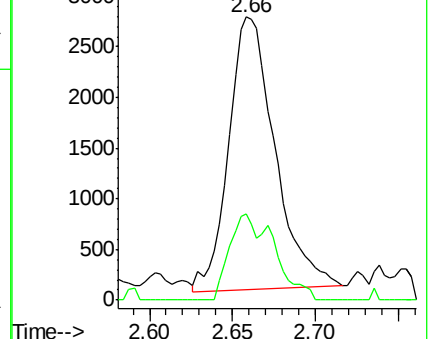
43 100

58 17.8 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU036441.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036441.D (-317) (-)



#25

Chloroform

Concen: 1.014 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VU036441.D

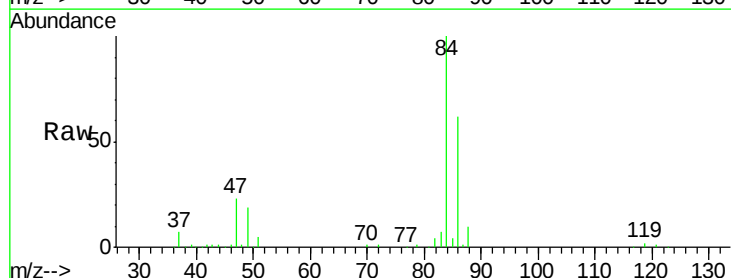
Acq: 13 Jan 2020 17:23

Tgt Ion: 83 Resp: 6153

Ion Ratio Lower Upper

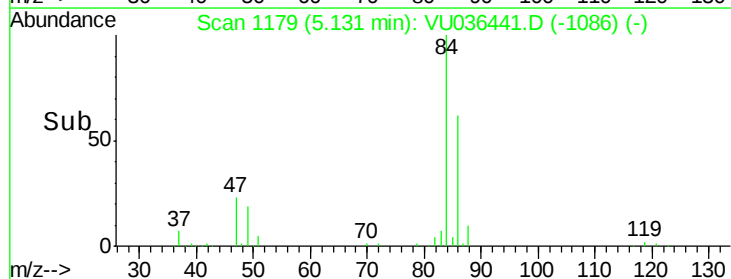
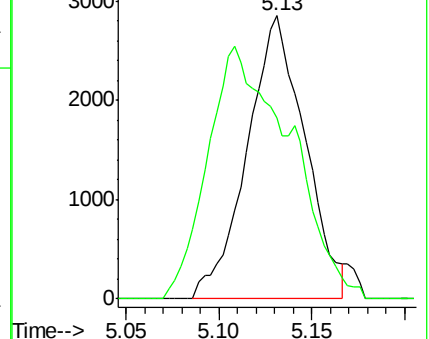
83 100

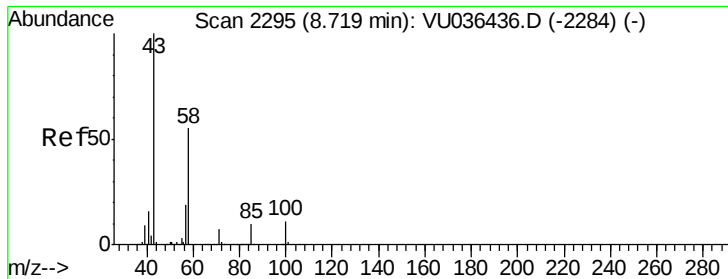
85 63.9 43.9 81.5



Abundance Ion 83.00 (82.70 to 83.70): VU036441.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU036441.D (-1086) (-)

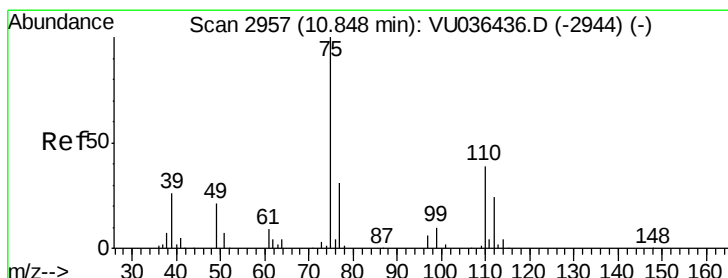
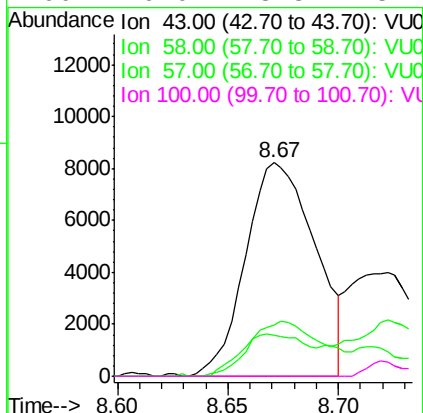
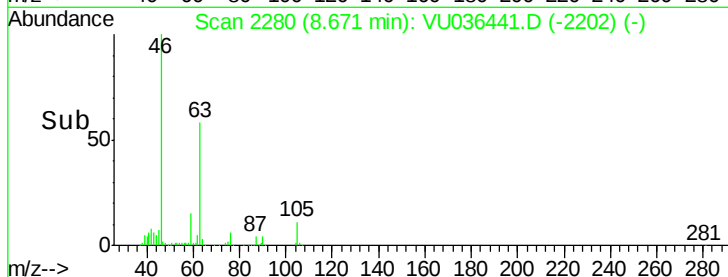
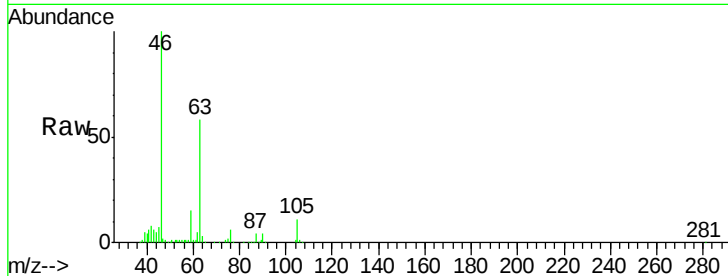




#48
 2-Hexanone
 Concen: 4.063 ug/L
 RT: 8.67 min Scan# 2280
 Delta R.T. -0.05 min
 Lab File: VU036441.D
 Acq: 13 Jan 2020 17:23

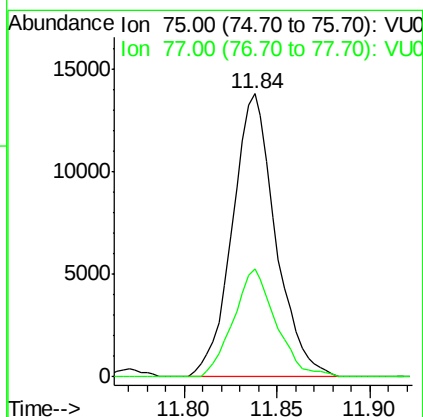
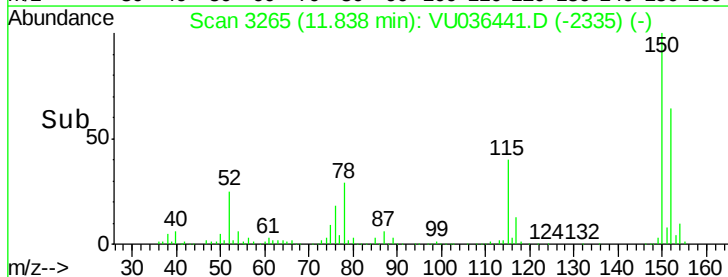
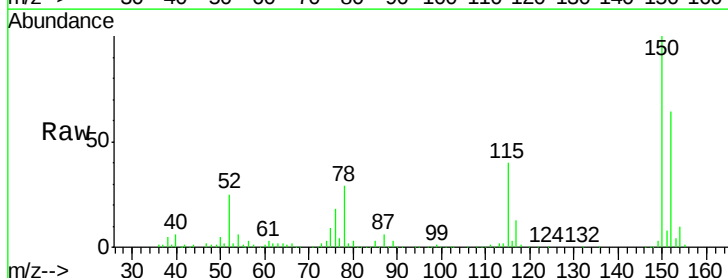
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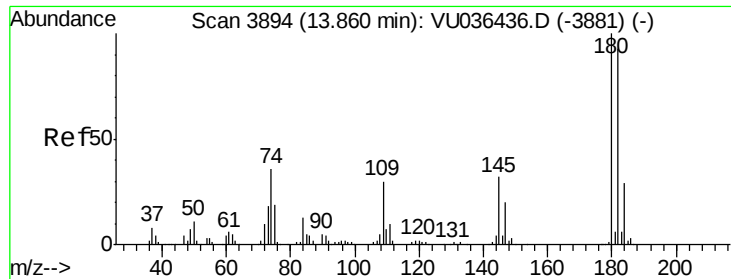
Tgt Ion: 43 Resp: 17975
 Ion Ratio Lower Upper
 43 100
 58 24.3 42.2 63.4#
 57 18.9 14.8 22.2
 100 0.0 8.8 13.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.701 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036441.D
 Acq: 13 Jan 2020 17:23

Tgt Ion: 75 Resp: 22318
 Ion Ratio Lower Upper
 75 100
 77 37.6 26.3 39.5





#68
 1,2,4-trichlorobenzene
 Concen: 1.047 ug/L
 RT: 13.86 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU036441.D
 Acq: 13 Jan 2020 17:23

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ5

Tgt Ion:180 Resp: 2813
 Ion Ratio Lower Upper
 180 100
 182 84.8 78.0 117.0
 145 29.2 26.0 39.0

