

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
 Data File : VU035084.D
 Acq On : 11 Oct 2019 12:46
 Operator : JC/SP
 Sample : K5310-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13D-001-01

Quant Time: Oct 12 02:23:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 01:49:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	161948	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	168066	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56033	5.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.00%
7) Chloroethane-d5	1.68	69	51387	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.00%
11) 1,1-Dichloroethene-d2	2.26	63	82666	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	4.17	46	153376	54.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.80%
24) Chloroform-d	4.62	84	100812	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	5.29	65	57778	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.32	84	203329	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.31	67	71557	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.55	98	180292	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.84	79	22127	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.31	63	105227	46.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.32%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57708	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	57592	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

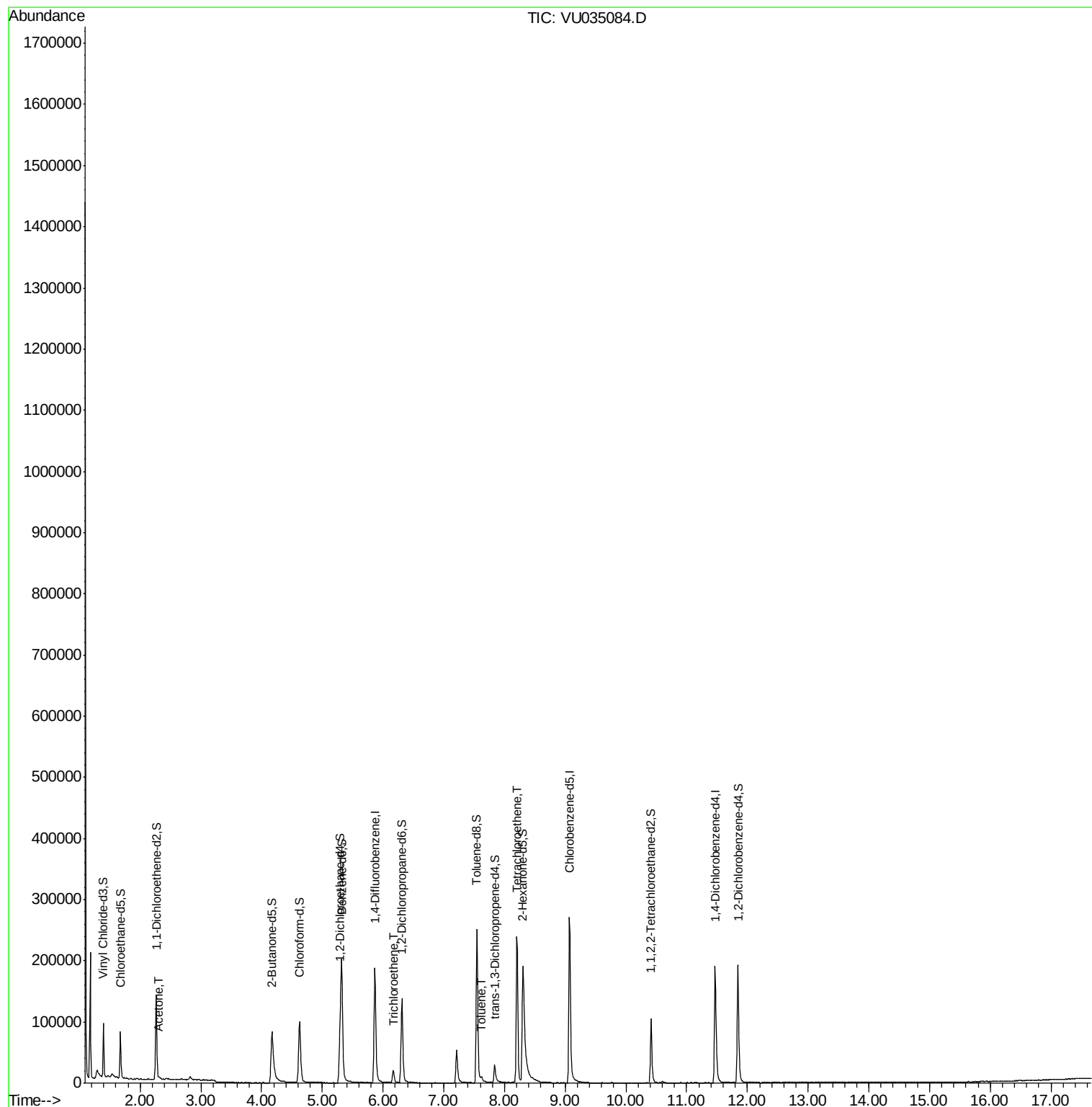
Target Compounds					Ovalue
13) Acetone	2.31	43	3753	1.625 ug/L	99
34) Trichloroethene	6.17	95	7583	0.581 ug/L	94
42) Toluene	7.62	91	5590	0.106 ug/L	87
47) Tetrachloroethene	8.21	164	55703	5.271 ug/L	95

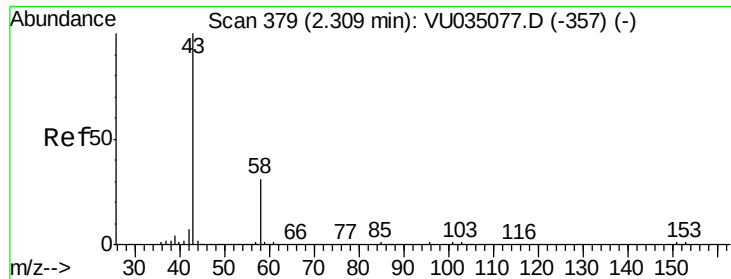
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.625 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

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Acq: 11 Oct 2019 12:46

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MSVOA_U

ClientSampleId :

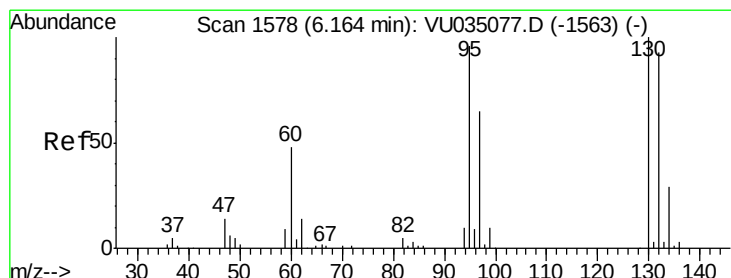
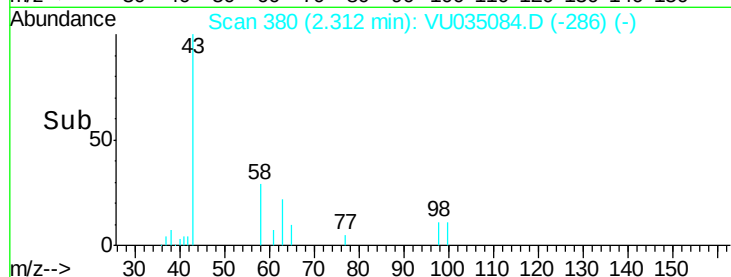
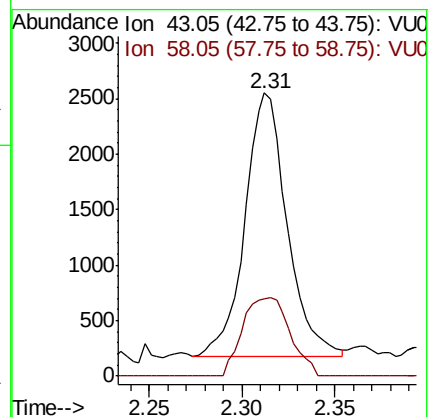
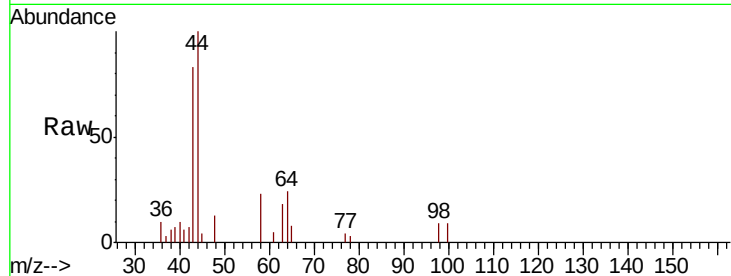
MW-13D-001-01

Tot Ion: 43 Resp: 3753

Ion Ratio Lower Upper

43 100

58 33.7 0.0 66.6



#34

Trichloroethene

Concen: 0.581 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035084.D

Acq: 11 Oct 2019 12:46

Tgt Ion: 95 Resp: 7583

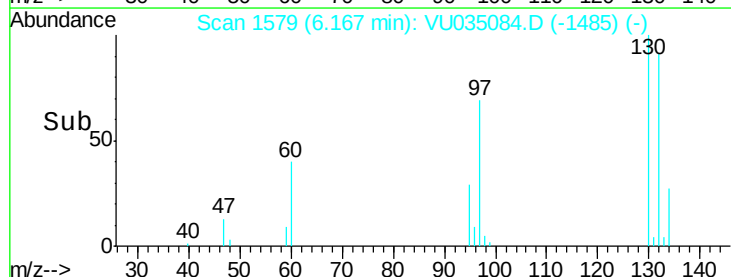
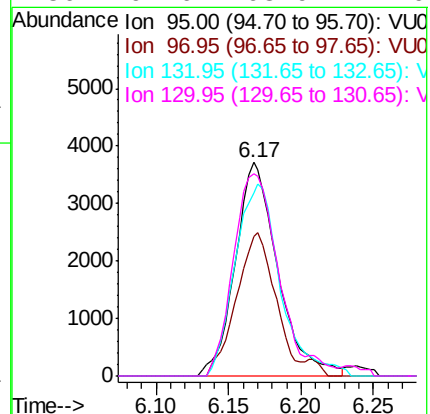
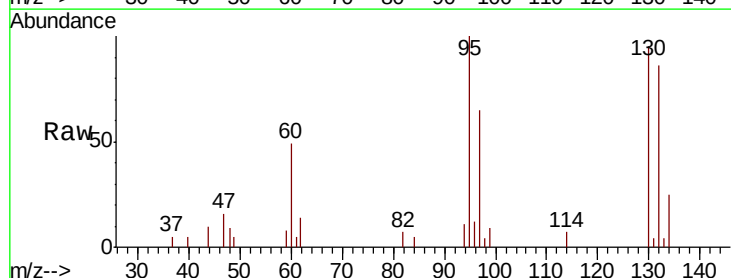
Ion Ratio Lower Upper

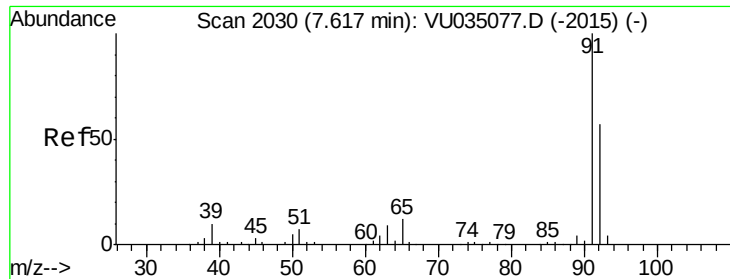
95 100

97 65.4 44.5 82.7

132 86.0 66.6 123.8

130 94.6 68.9 127.9





#42

Toluene

Concen: 0.106 ug/L

RT: 7.62 min Scan# 2032

Delta R.T. 0.01 min

Lab File: VU035084.D

Acq: 11 Oct 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

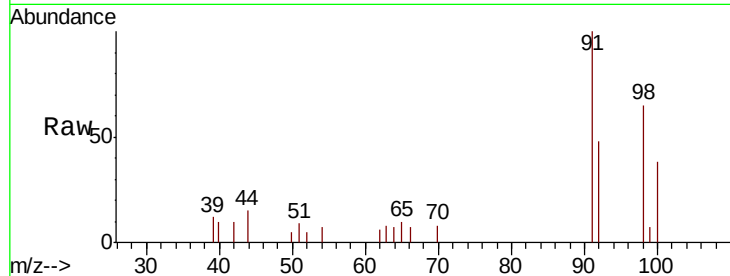
MW-13D-001-01

Tot Ion: 91 Resp: 5590

Ion Ratio Lower Upper

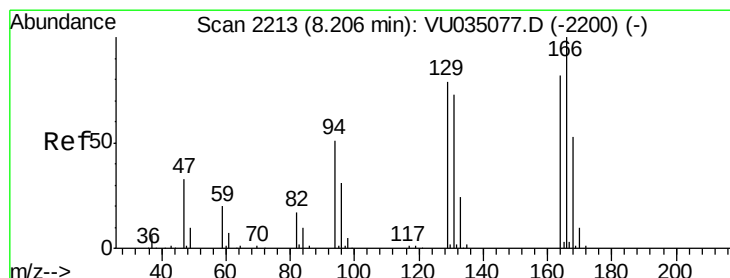
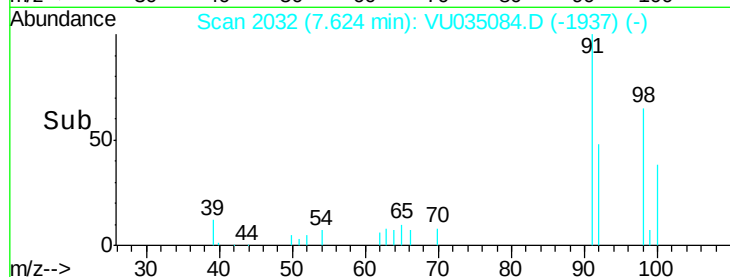
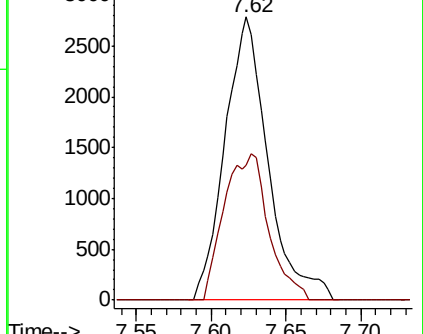
91 100

92 47.7 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035077.D (-2015) (-)

Ion 92.15 (91.85 to 92.85): VU035077.D (-2015) (-)



#47

Tetrachloroethene

Concen: 5.271 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035084.D

Acq: 11 Oct 2019 12:46

Tgt Ion:164 Resp: 55703

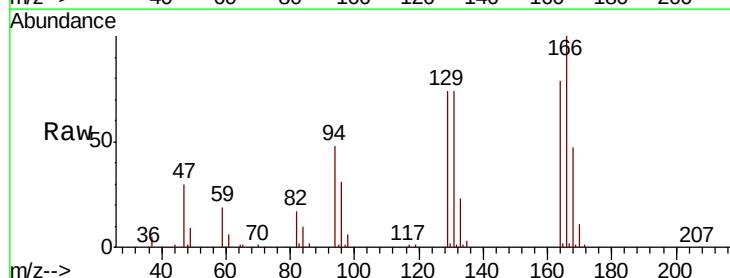
Ion Ratio Lower Upper

164 100

129 92.7 68.5 127.1

131 93.5 67.3 124.9

166 125.9 93.1 172.9



Abundance Ion 163.90 (163.60 to 164.60): VU035077.D (-2200) (-)

Ion 128.95 (128.65 to 129.65): VU035077.D (-2200) (-)

Ion 130.95 (130.65 to 131.65): VU035077.D (-2200) (-)

Ion 165.90 (165.60 to 166.60): VU035077.D (-2200) (-)

