

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101119\
 Data File : VU035071.D
 Acq On : 11 Oct 2019 01:05
 Operator : JC/SP
 Sample : K5310-22 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OU2-MW-4-001-01

Quant Time: Oct 11 06:21:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	153586	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	157463	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59423	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35403	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.68	69	38231	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.26	63	53937	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.17	46	150575	56.32	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.64%
24) Chloroform-d	4.62	84	81336	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.29	65	52183	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.32	84	165019	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.31	67	62190	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.55	98	143490	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.84	79	17222	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.30	63	104378	49.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56448	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	52057	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

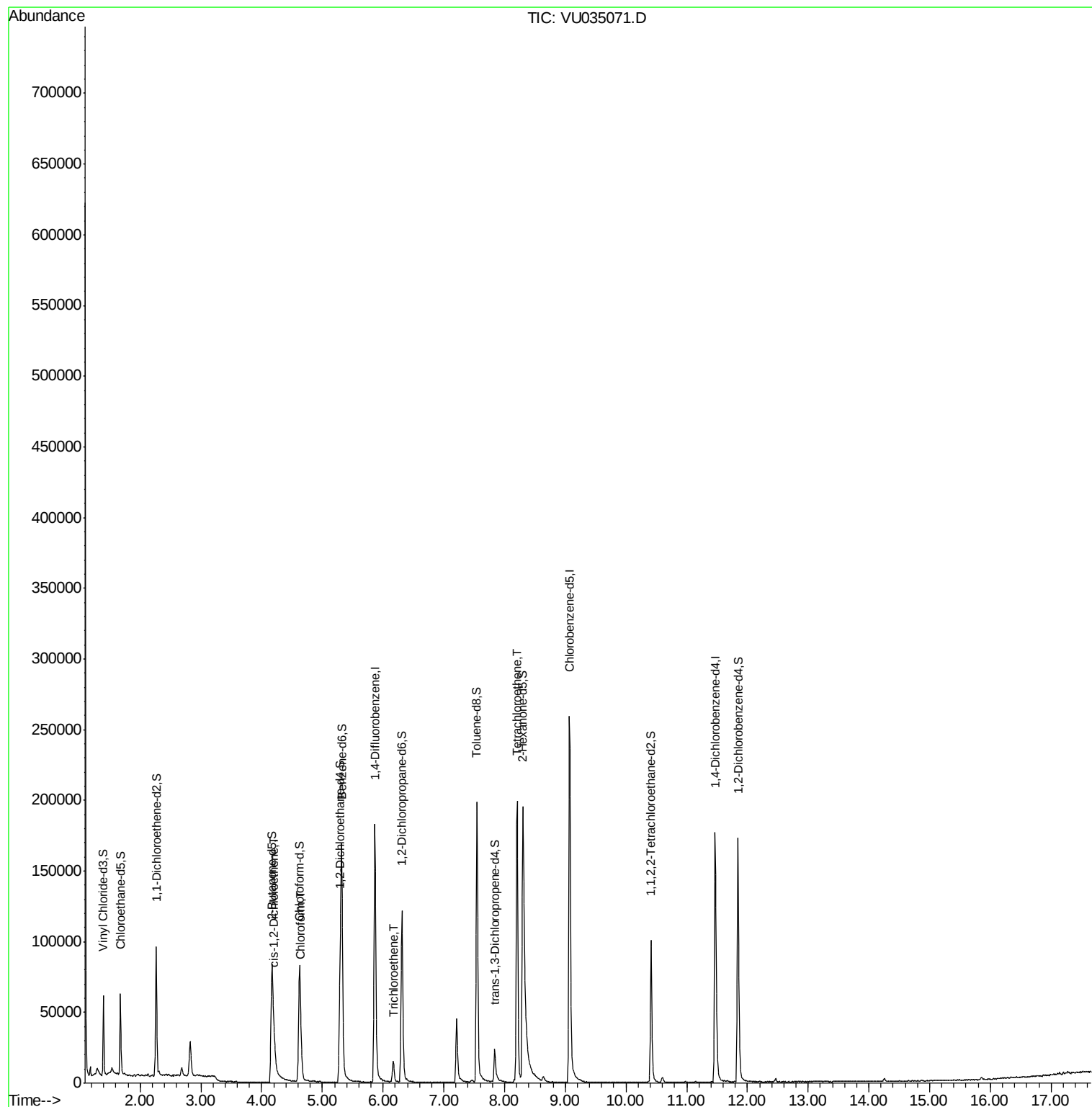
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.21	96	4027	0.342 ug/L	93
25) Chloroform	4.65	83	12743	0.540 ug/L	94
34) Trichloroethene	6.17	95	5361	0.438 ug/L	97
47) Tetrachloroethene	8.21	164	45862	4.632 ug/L	96

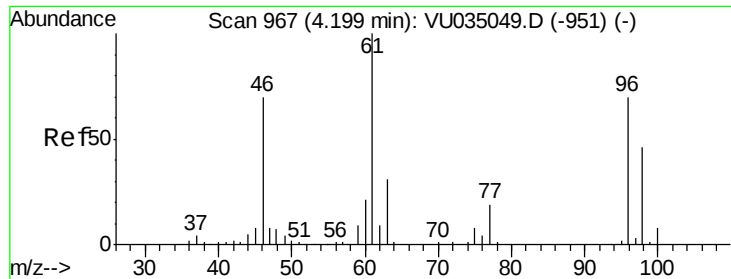
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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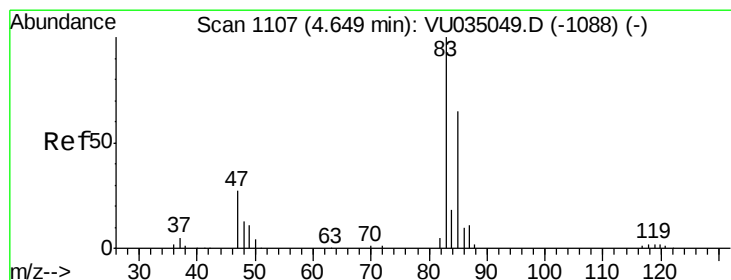
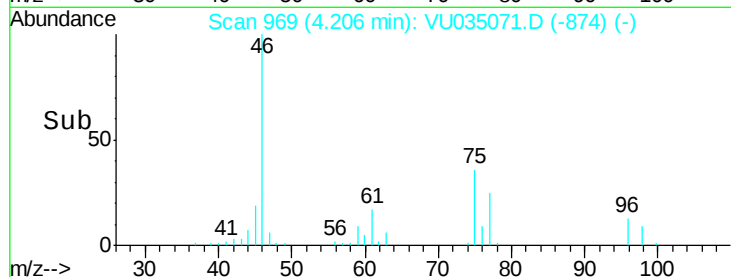
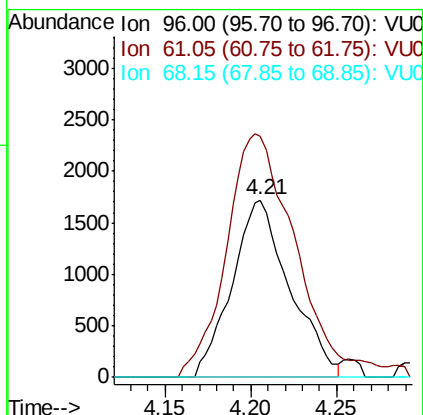
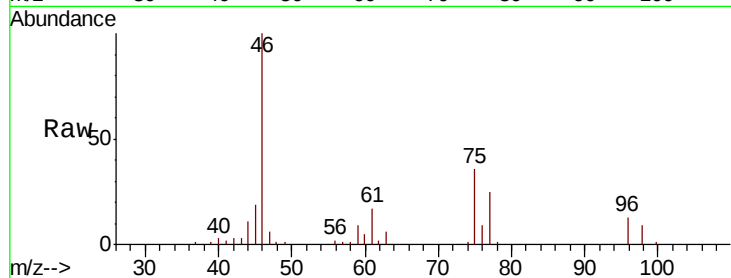




#22
 cis-1,2-Dichloroethene
 Concen: 0.342 ug/L
 RT: 4.21 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: VU035071.D
 Acq: 11 Oct 2019 01:05

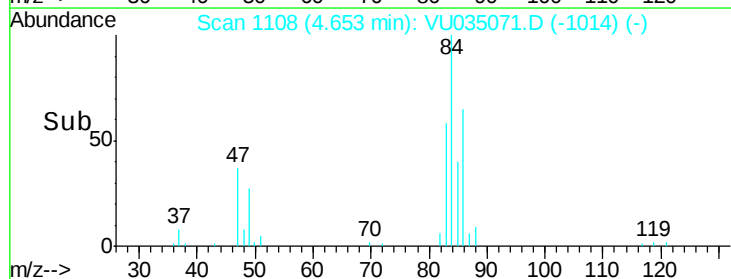
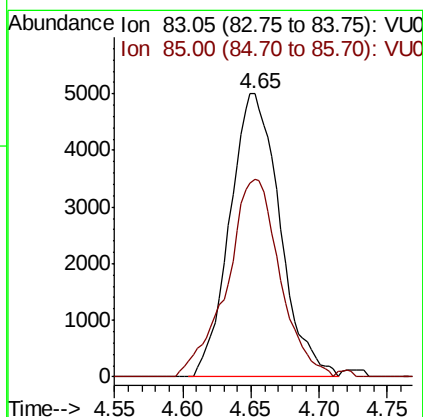
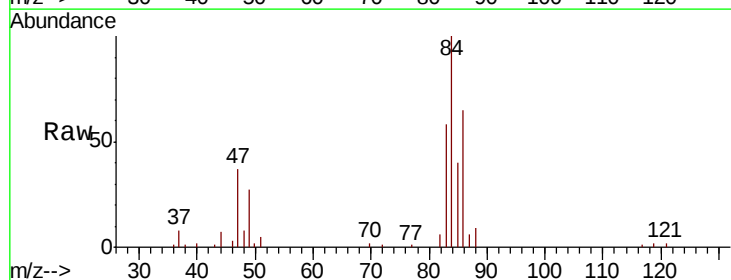
Instrument :
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 OU2-MW-4-001-01

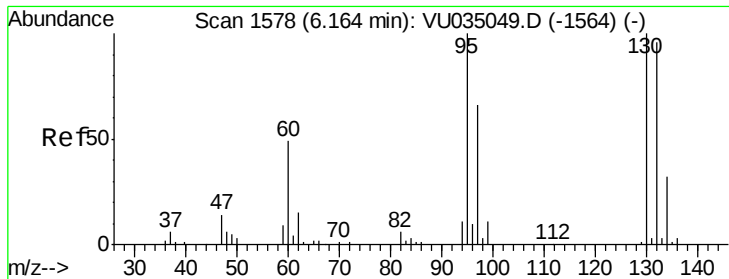
Tot Ion: 96 Resp: 4027
 Ion Ratio Lower Upper
 96 100
 61 135.6 89.2 165.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.540 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VU035071.D
 Acq: 11 Oct 2019 01:05

Tgt Ion: 83 Resp: 12743
 Ion Ratio Lower Upper
 83 100
 85 69.9 45.4 84.4

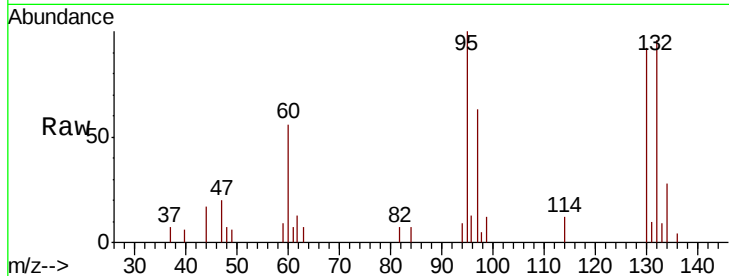




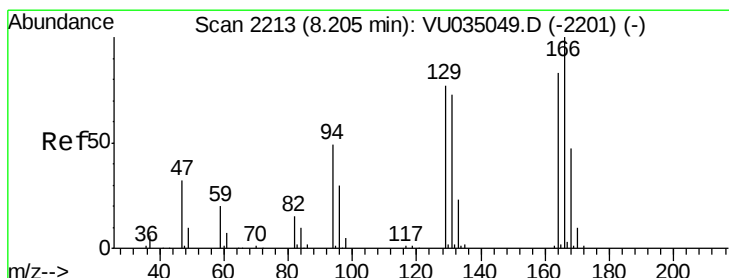
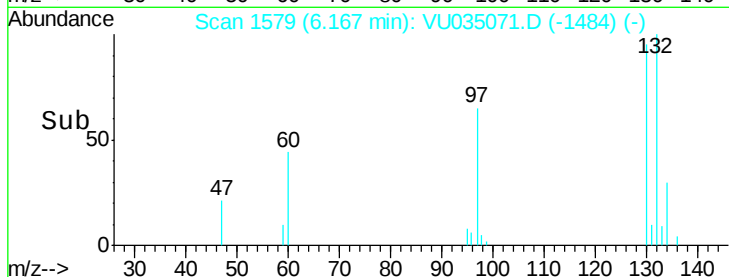
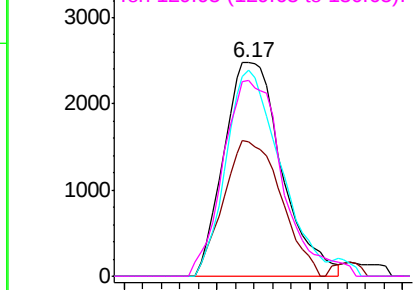
#34
 Trichloroethene
 Concen: 0.438 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VU035071.D
 Acq: 11 Oct 2019 01:05

Instrument :
 MSVOA_U
 ClientSampleId :
 OU2-MW-4-001-01

Tot Ion: 95 Resp: 5361
 Ion Ratio Lower Upper
 95 100
 97 62.9 44.5 82.7
 132 96.3 66.6 123.8
 130 91.9 68.9 127.9

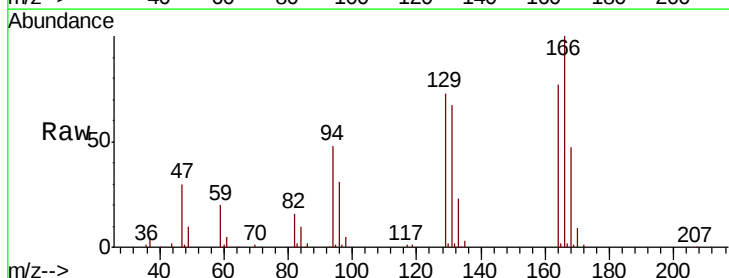


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 4.632 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. 0.00 min
 Lab File: VU035071.D
 Acq: 11 Oct 2019 01:05

Tgt Ion: 164 Resp: 45862
 Ion Ratio Lower Upper
 164 100
 129 95.5 68.5 127.1
 131 87.4 67.3 124.9
 166 130.6 93.1 172.9



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

