

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036077.D
 Acq On : 10 Dec 2019 12:11
 Operator : JC/MD
 Sample : K6168-04DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE38DL

Quant Time: Dec 11 06:52:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 06:27:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	330510	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	364453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	90558	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	139071	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.93	69	126383	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.59	63	158181	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.69	46	214518	42.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.46%
24) Chloroform-d	5.11	84	209674	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.75	65	114137	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.77	84	424425	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.73	67	139264	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.93	98	355220	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.21	79	48903	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.70	63	173720	41.41	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	106841	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	84388	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

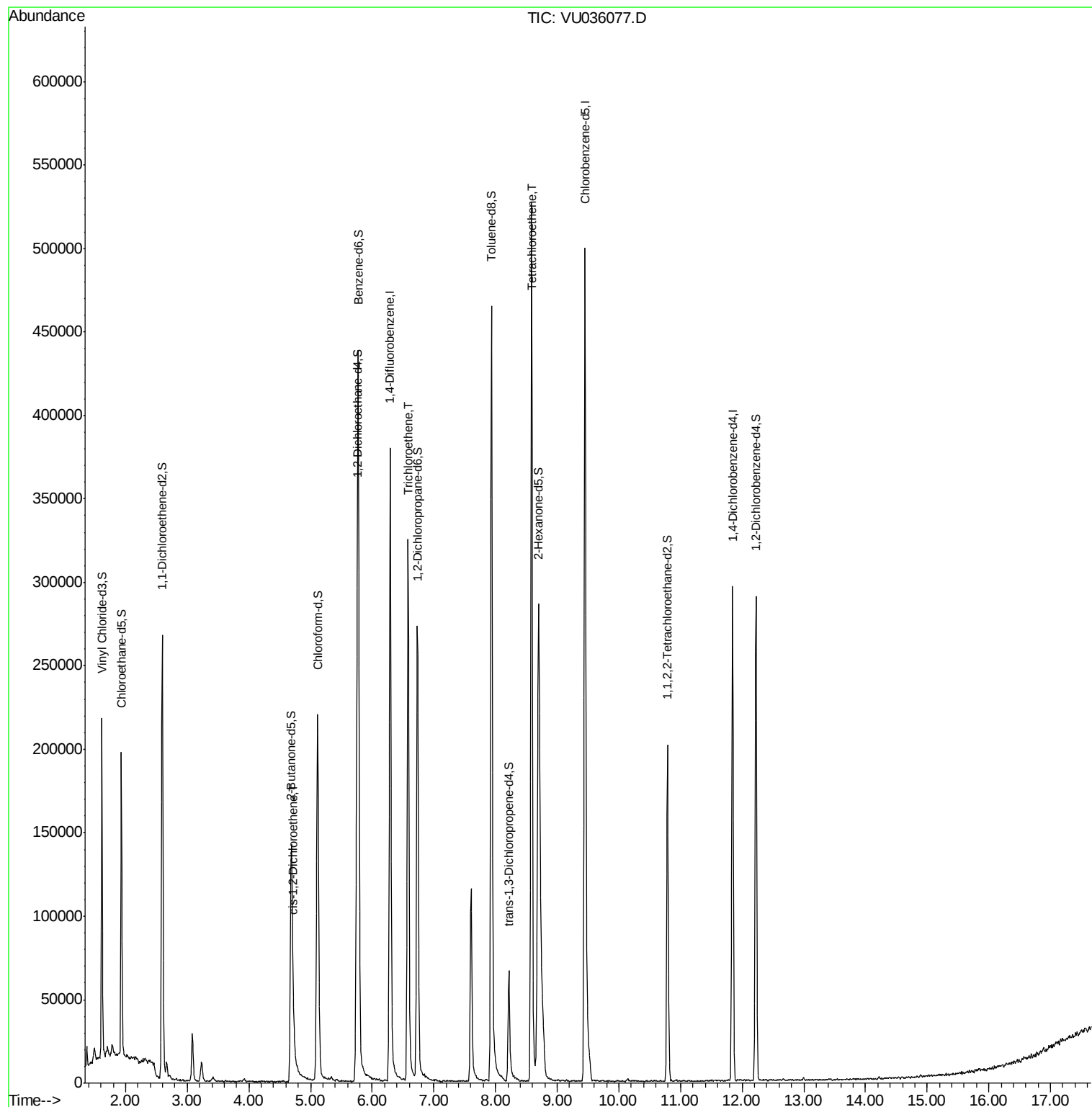
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.72	96	7502	0.291 ug/L	92
34) Trichloroethene	6.58	95	114744	4.339 ug/L	97
47) Tetrachloroethene	8.58	164	131958	5.248 ug/L	98

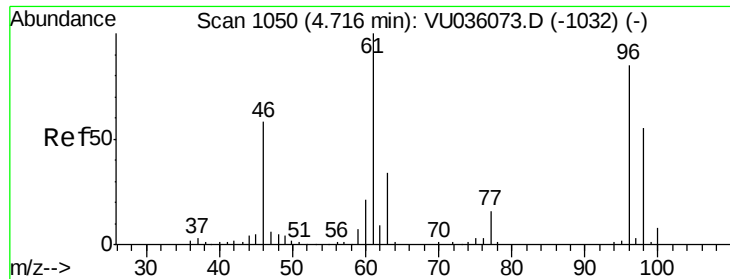
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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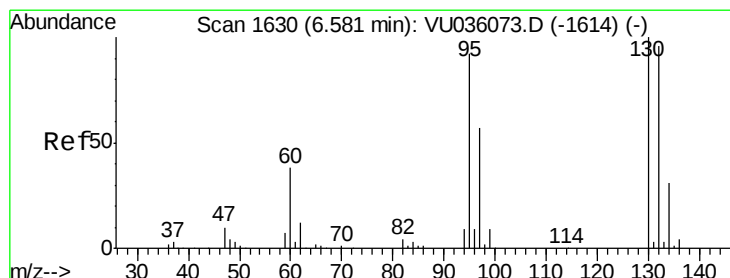
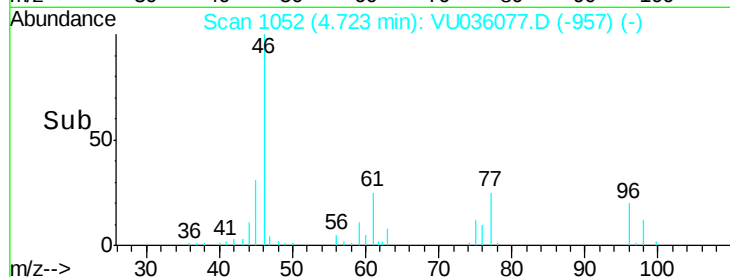
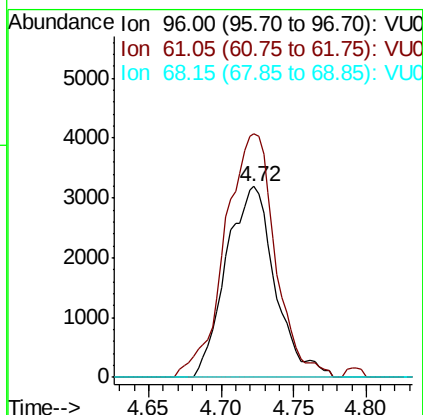
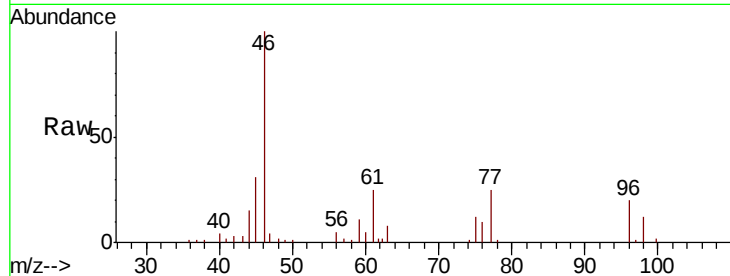




#22
 cis-1,2-Dichloroethene
 Concen: 0.291 ug/L
 RT: 4.72 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VU036077.D
 Acq: 10 Dec 2019 12:11

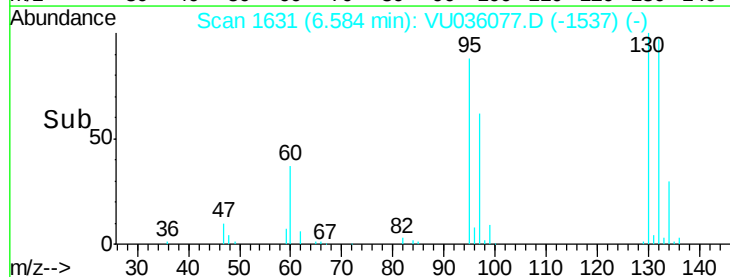
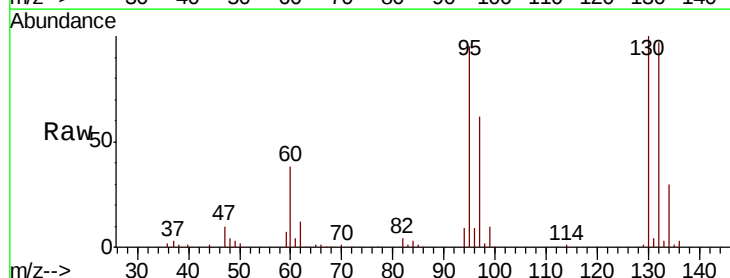
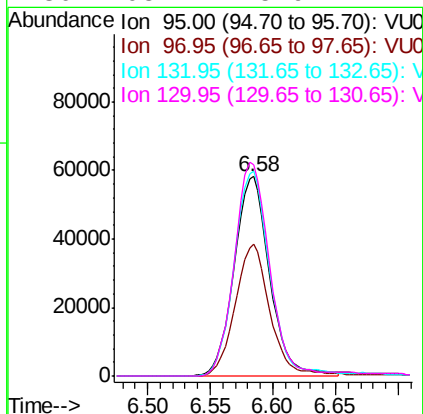
Instrument :
 MSVOA_U
 ClientSampled :
 BFE38DL

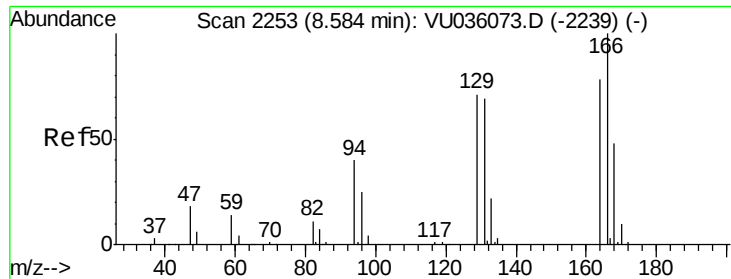
Tot Ion: 96 Resp: 7502
 Ion Ratio Lower Upper
 96 100
 61 127.7 83.0 154.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 4.339 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU036077.D
 Acq: 10 Dec 2019 12:11

Tgt Ion: 95 Resp: 114744
 Ion Ratio Lower Upper
 95 100
 97 65.9 44.4 82.4
 132 102.7 73.4 136.4
 130 105.7 75.9 141.1

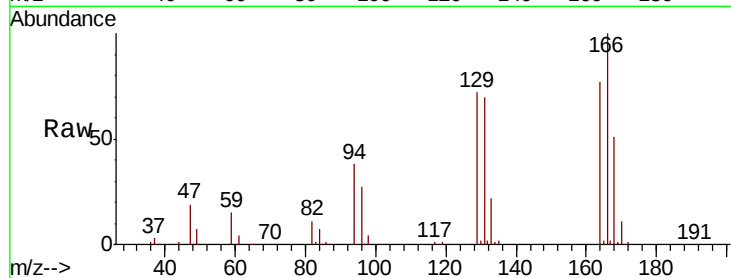




#47
 Tetrachloroethene
 Concen: 5.248 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU036077.D
 Acq: 10 Dec 2019 12:11

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 MSVOA_U
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Tot Ion:	164	Resp:	131958
Ion	Ratio	Lower	Upper
164	100		
129	93.3	63.1	117.3
131	89.8	61.5	114.1
166	129.1	91.0	169.0



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

