

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036085.D
 Acq On : 10 Dec 2019 15:29
 Operator : JC/MD
 Sample : K6168-07DL2 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE41DL2

Quant Time: Dec 12 02:45:35 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	324243	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	360978	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	125682	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	142521	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.93	69	130083	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.59	63	155655	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.70	46	278448	56.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.08%
24) Chloroform-d	5.11	84	222909	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.75	65	115893	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.77	84	433619	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.73	67	138999	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.93	98	354661	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	8.21	79	48536	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.68	63	228338	54.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.90%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	125448	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	122607	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

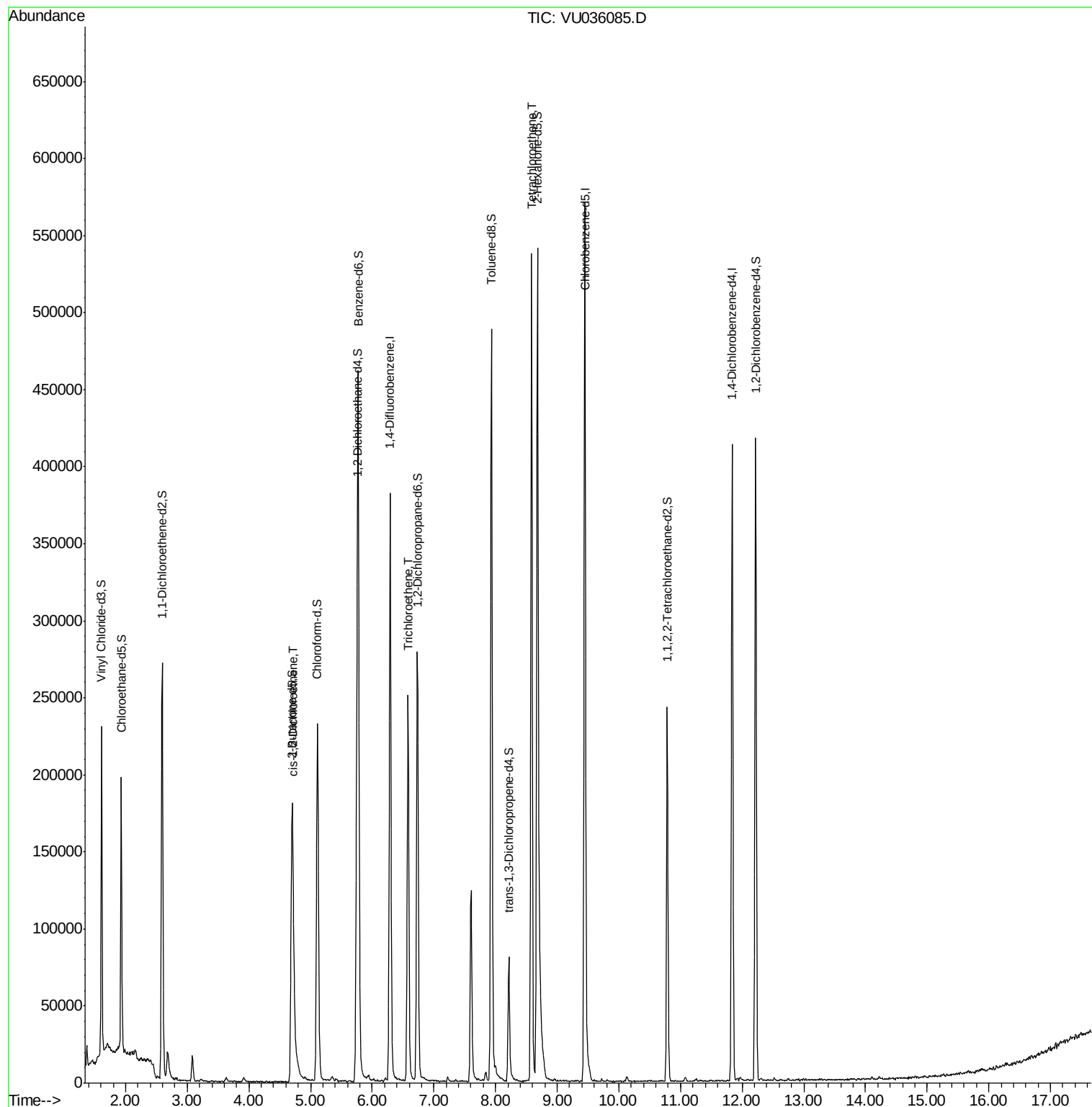
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.72	96	18491	0.732 ug/L	95
34) Trichloroethene	6.58	95	86347	3.296 ug/L	98
47) Tetrachloroethene	8.58	164	131099	5.264 ug/L	99

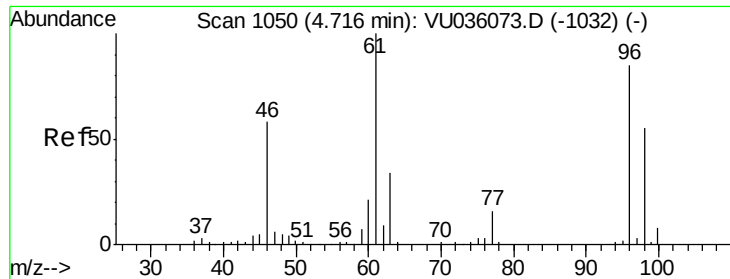
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.732 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

BFE41DL2

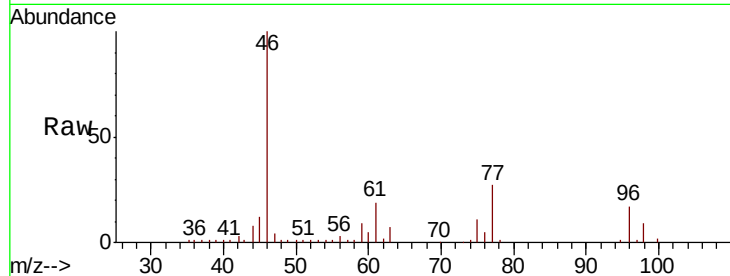
Tot Ion: 96 Resp: 18491

Ion Ratio Lower Upper

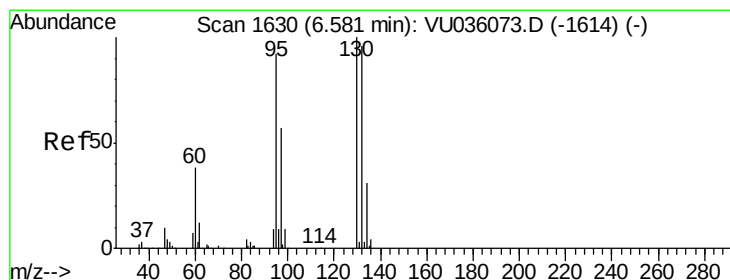
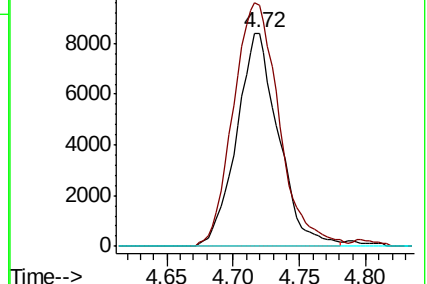
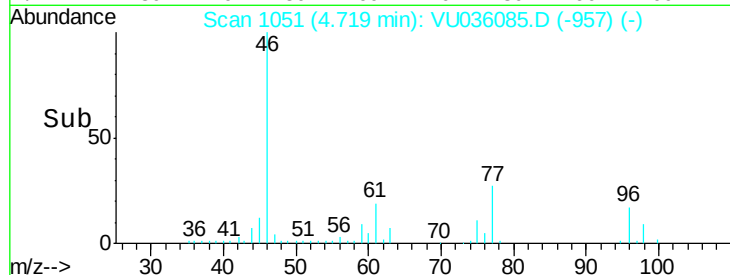
96 100

61 112.8 83.0 154.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036085.D (-1537) (-)



#34

Trichloroethene

Concen: 3.296 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036085.D

Acq: 10 Dec 2019 15:29

Tgt Ion: 95 Resp: 86347

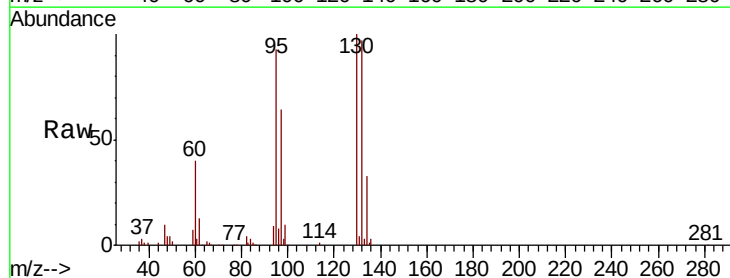
Ion Ratio Lower Upper

95 100

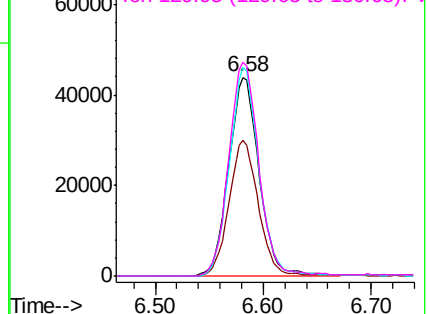
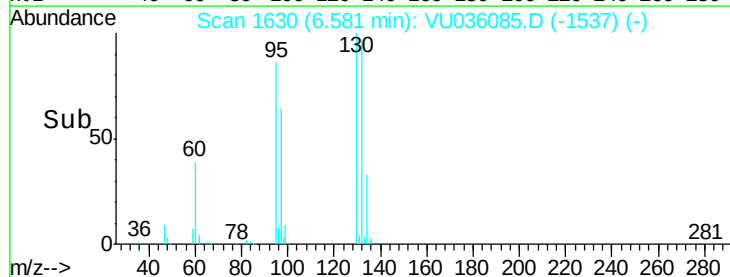
97 68.4 44.4 82.4

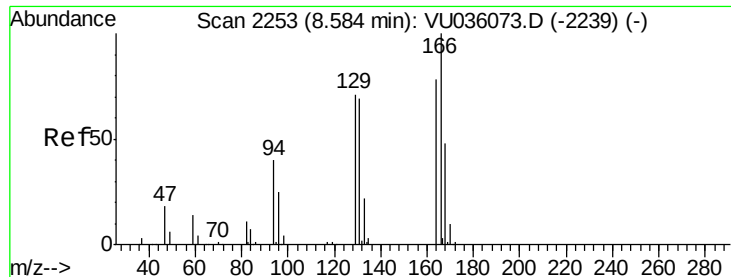
132 104.6 73.4 136.4

130 107.3 75.9 141.1



Abundance Ion 95.00 (94.70 to 95.70): VU036085.D (-1537) (-)





#47

Tetrachloroethene

Concen: 5.264 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036085.D

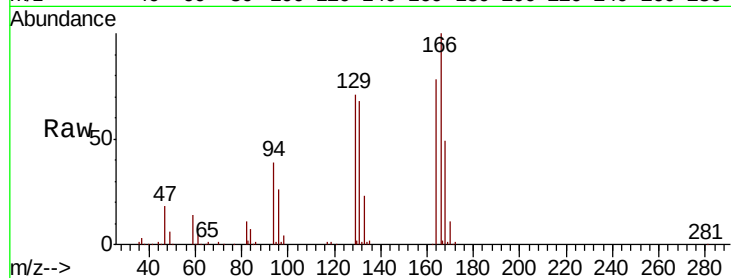
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Tot Ion:164 Resp: 131099

Ion Ratio Lower Upper

164 100

129 90.9 63.1 117.3

131 86.8 61.5 114.1

166 128.5 91.0 169.0

Abundance Ion 163.90 (163.60 to 164.60): V

150000 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

