

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110619\
 Data File : VU035641.D
 Acq On : 06 Nov 2019 12:46
 Operator : JC/SP
 Sample : K5697-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA7

Quant Time: Nov 07 06:01:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 04:46:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	674604	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	650117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	208670	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	209359	38.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.86%
7) Chloroethane-d5	1.93	69	195676	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.94%
11) 1,1-Dichloroethene-d2	2.59	63	281702	33.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.50%
21) 2-Butanone-d5	4.69	46	305580	96.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.01%
24) Chloroform-d	5.11	84	415822	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	5.75	65	267974	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
32) Benzene-d6	5.77	84	895546	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.68%
36) 1,2-Dichloropropane-d6	6.73	67	291636	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.14%
41) Toluene-d8	7.93	98	826978	51.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.48%
43) trans-1,3-Dichloropropene-	8.21	79	134833	53.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.52%
47) 2-Hexanone-d5	8.68	63	209574	99.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.50%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	387901	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	12.22	152	225283	53.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.06%

Target Compounds

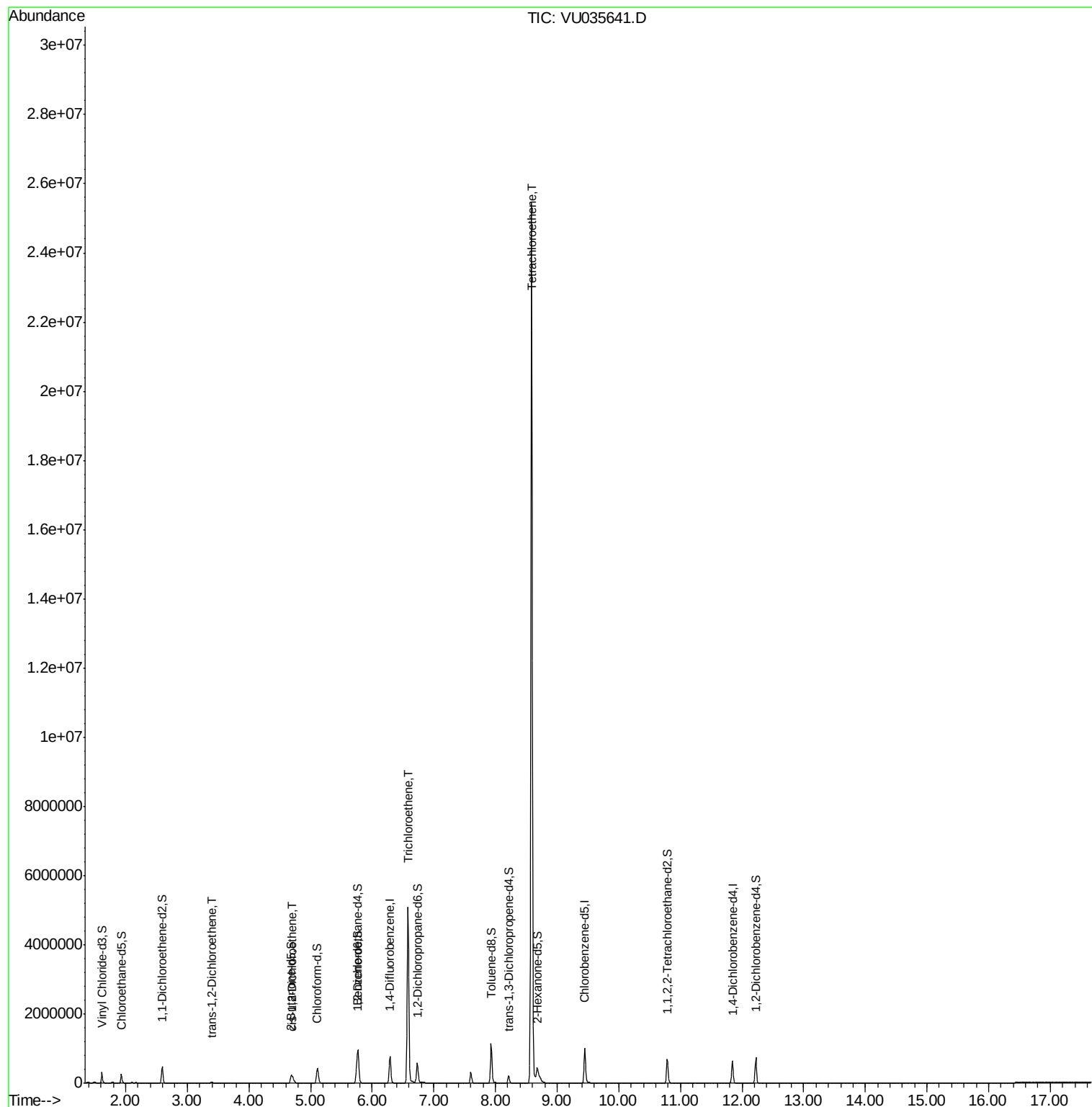
					Qvalue
17) trans-1,2-Dichloroethene	3.39	96	11757	2.709 ug/L	98
20) cis-1,2-Dichloroethene	4.72	96	58352	11.921 ug/L	97
34) Trichloroethene	6.58	95	1737692	374.099 ug/L	98
46) Tetrachloroethene	8.59	164	6122699	1576.401 ug/L	99

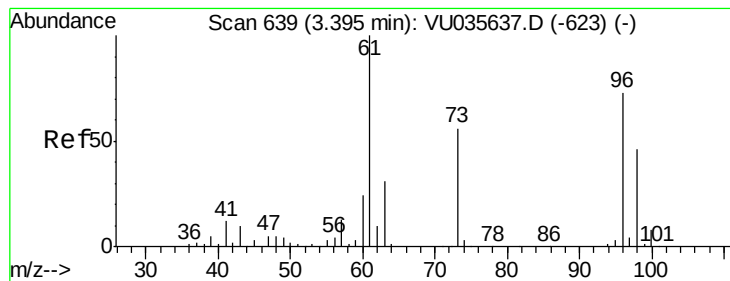
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 2.709 ug/L

RT: 3.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: VU035641.D

Acq: 06 Nov 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

H0AA7

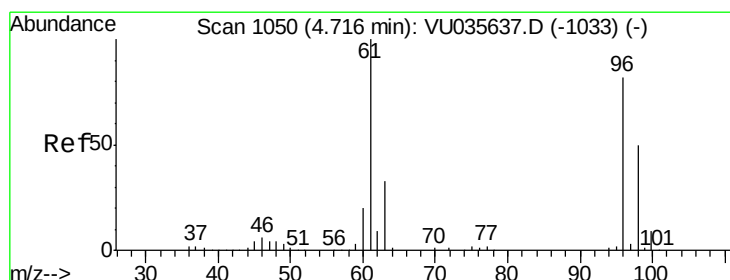
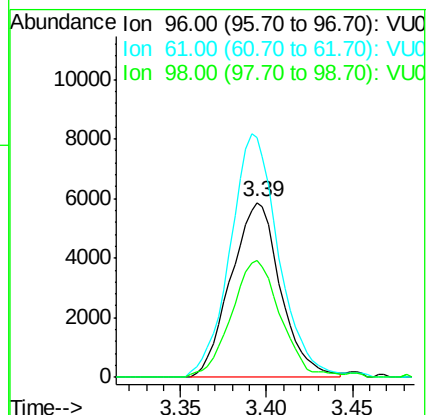
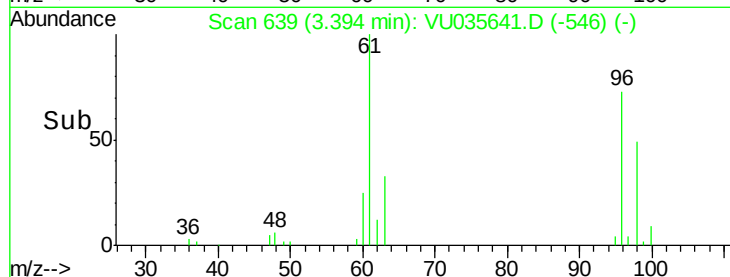
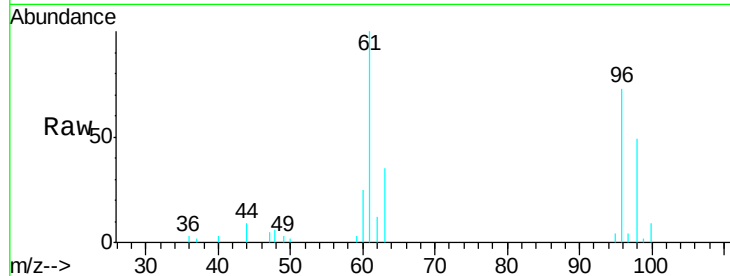
Tgt Ion: 96 Resp: 11757

Ion Ratio Lower Upper

96 100

61 137.4 95.3 176.9

98 66.9 44.0 81.8



#20

cis-1,2-Dichloroethene

Concen: 11.921 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035641.D

Acq: 06 Nov 2019 12:46

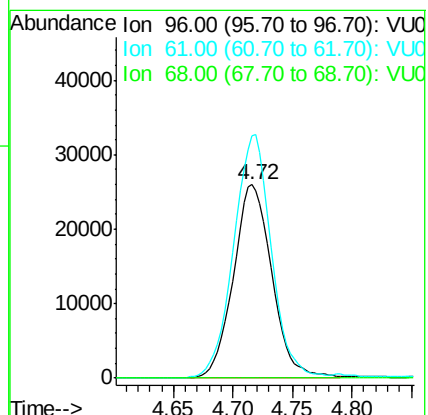
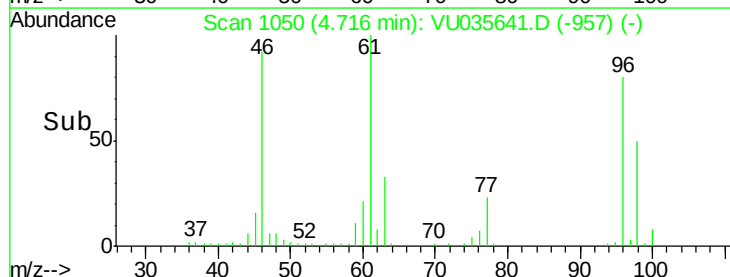
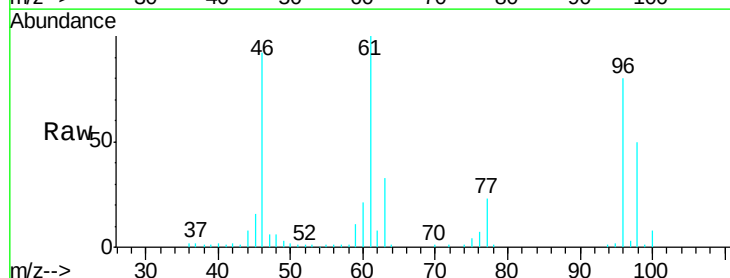
Tgt Ion: 96 Resp: 58352

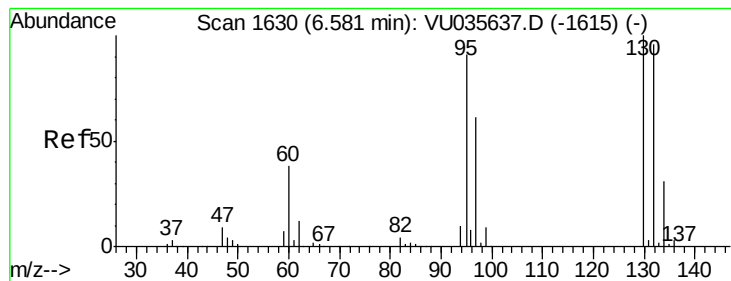
Ion Ratio Lower Upper

96 100

61 125.6 90.6 168.3

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 374.099 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035641.D

Acq: 06 Nov 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

H0AA7

Tgt Ion: 95 Resp: 1737692

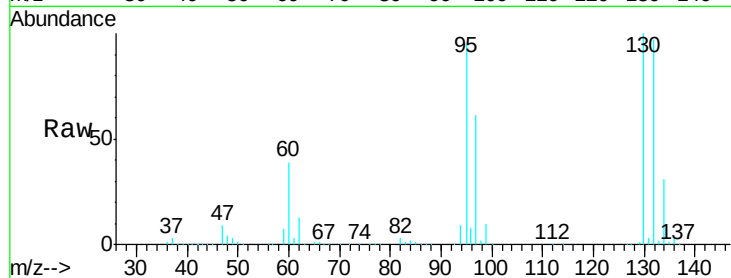
Ion Ratio Lower Upper

95 100

97 64.6 45.6 84.6

132 102.6 69.9 129.7

130 105.4 73.1 135.7

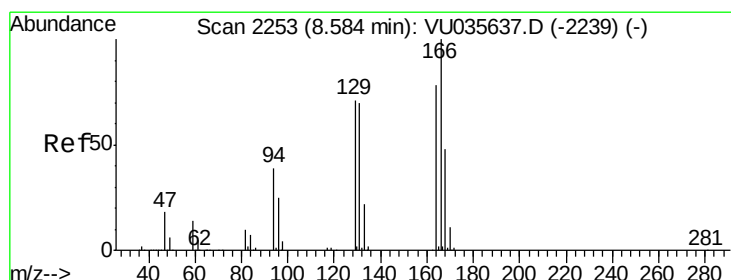
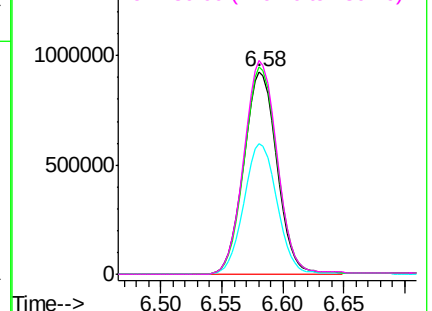
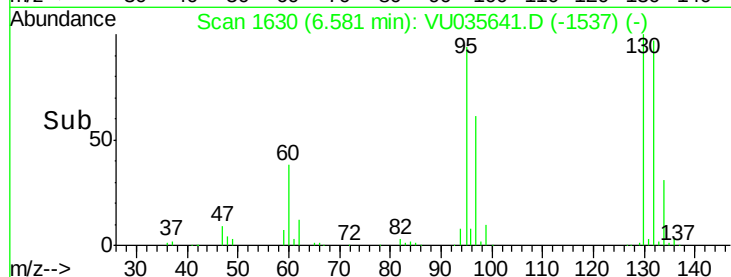


Abundance Ion 95.00 (94.70 to 95.70): VU035641.D (-1537) (-)

Ion 97.00 (96.70 to 97.70): VU035641.D (-1537) (-)

Ion 132.00 (131.70 to 132.70): VU035641.D (-1537) (-)

Ion 130.00 (129.70 to 130.70): VU035641.D (-1537) (-)



#46

Tetrachloroethene

Concen: 1576.401 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035641.D

Acq: 06 Nov 2019 12:46

Tgt Ion: 164 Resp: 6122699

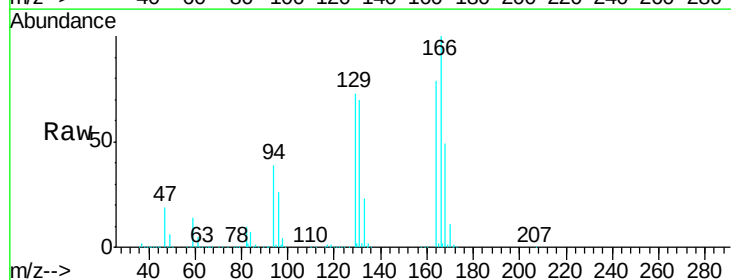
Ion Ratio Lower Upper

164 100

129 92.7 64.1 119.1

131 88.6 63.1 117.1

166 126.8 88.5 164.3



Abundance Ion 164.00 (163.70 to 164.70): VU035641.D (-2160) (-)

Ion 129.00 (128.70 to 129.70): VU035641.D (-2160) (-)

Ion 131.00 (130.70 to 131.70): VU035641.D (-2160) (-)

Ion 166.00 (165.70 to 166.70): VU035641.D (-2160) (-)

